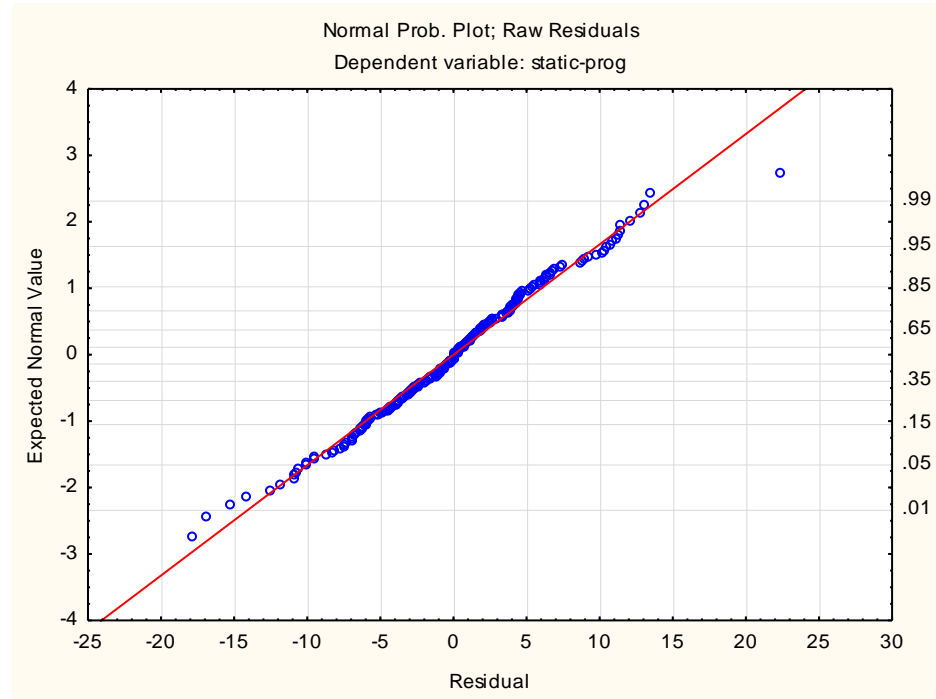
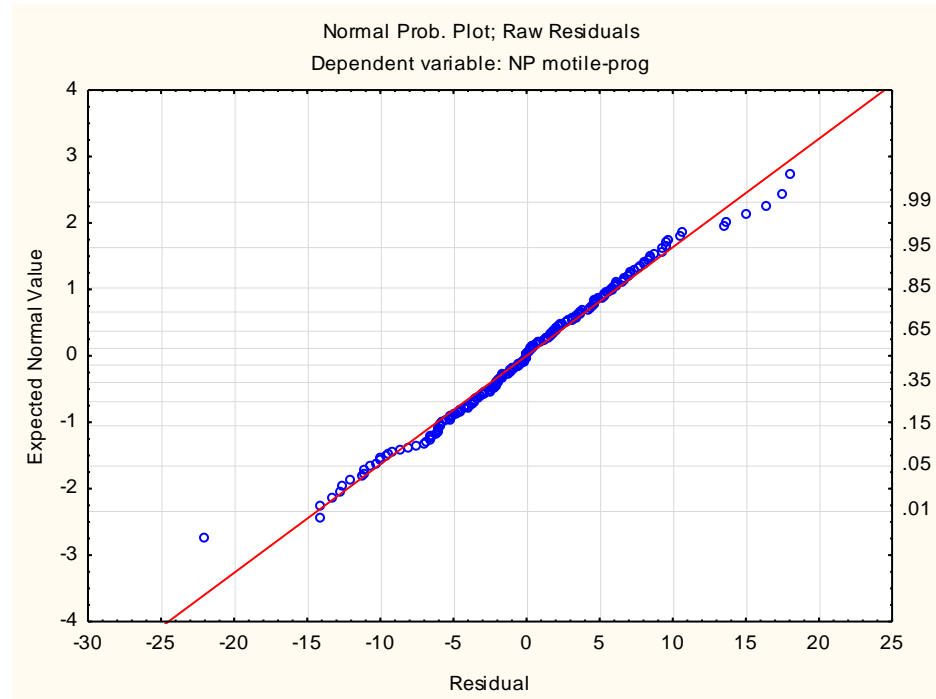


## Variance Estimation and Precision Results: Rat Results- Final in Analysis - 12Apr2012.stw

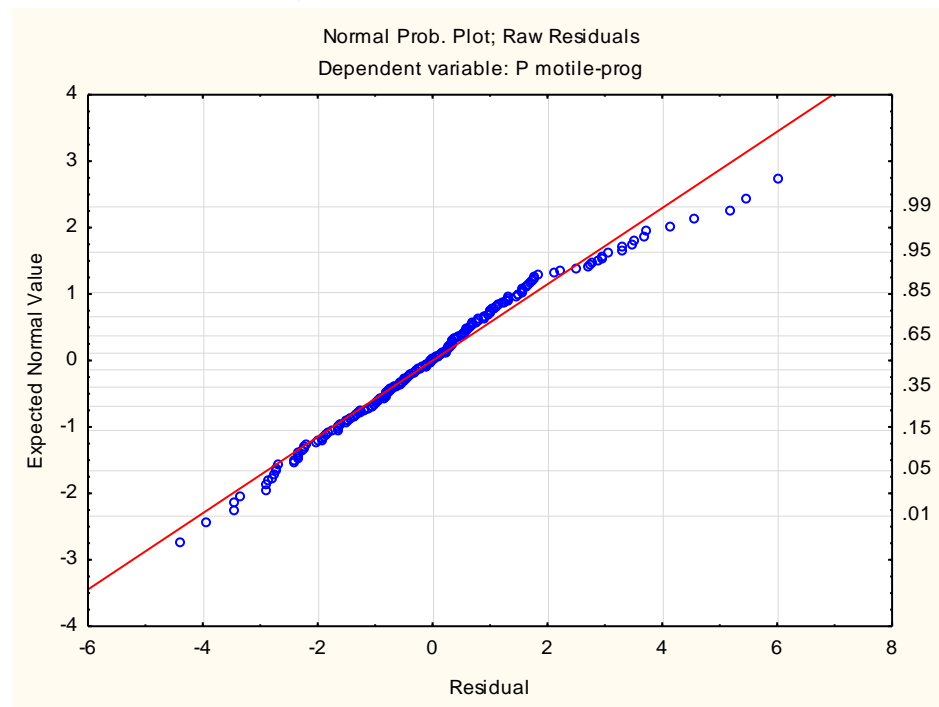
### Normal Prob. Plot; Raw Residuals



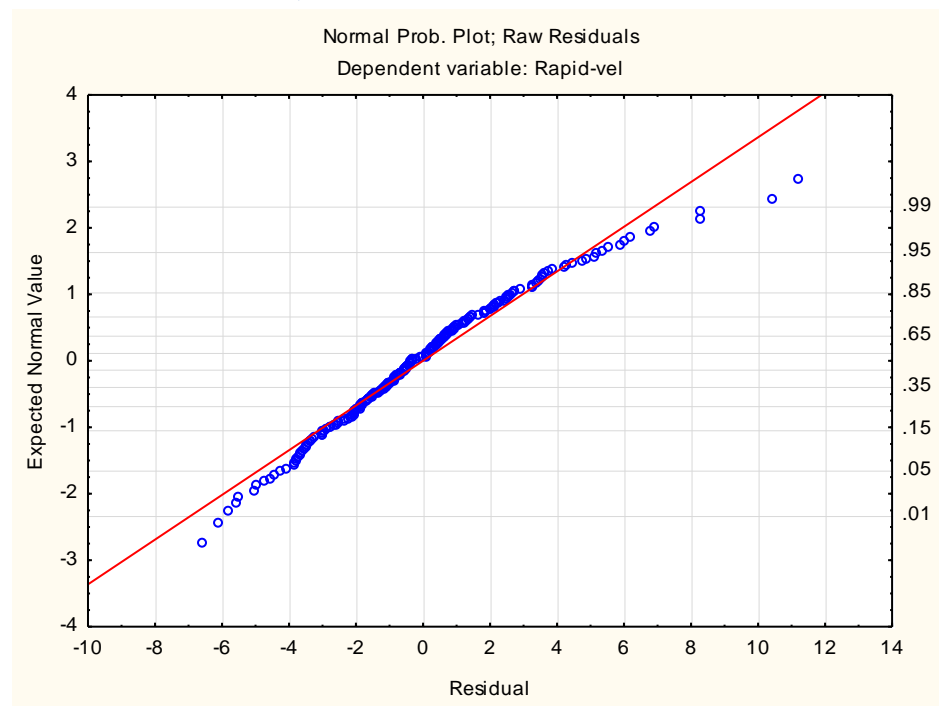
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals

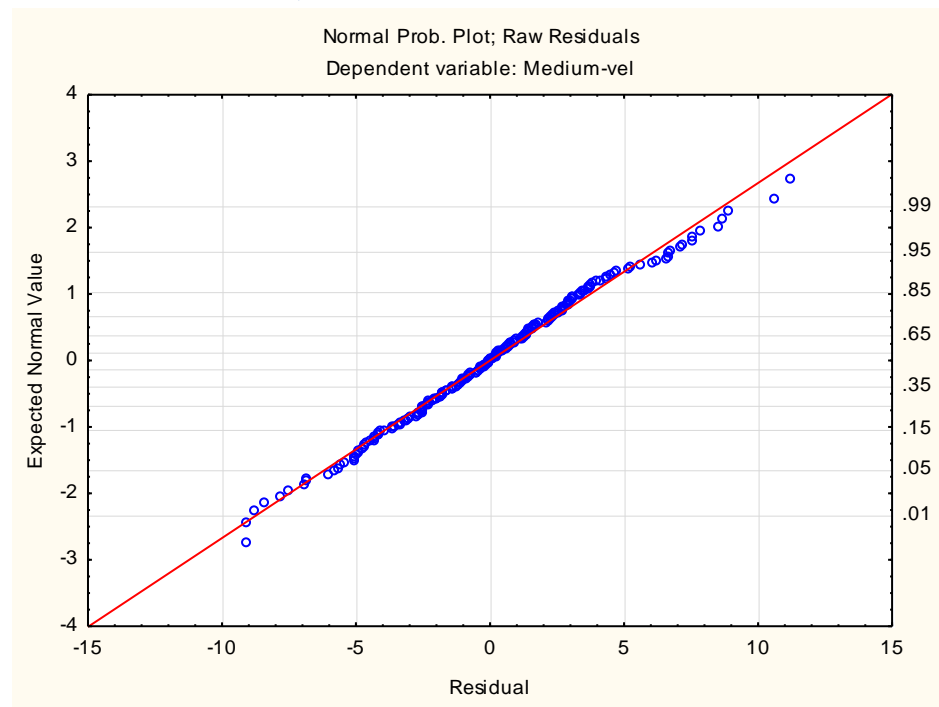


### Normal Prob. Plot; Raw Residuals

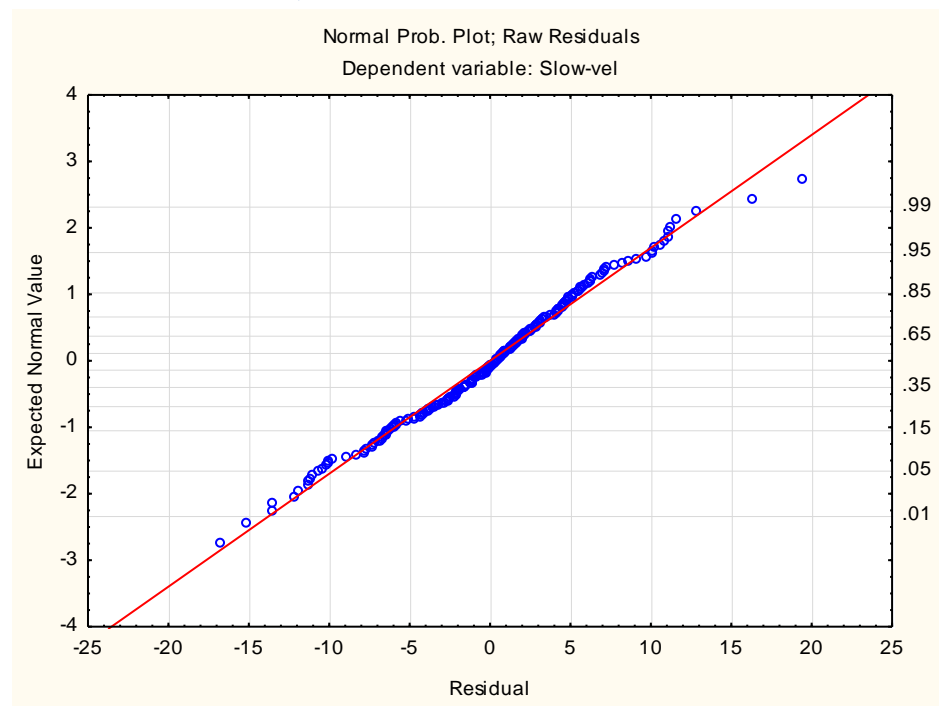




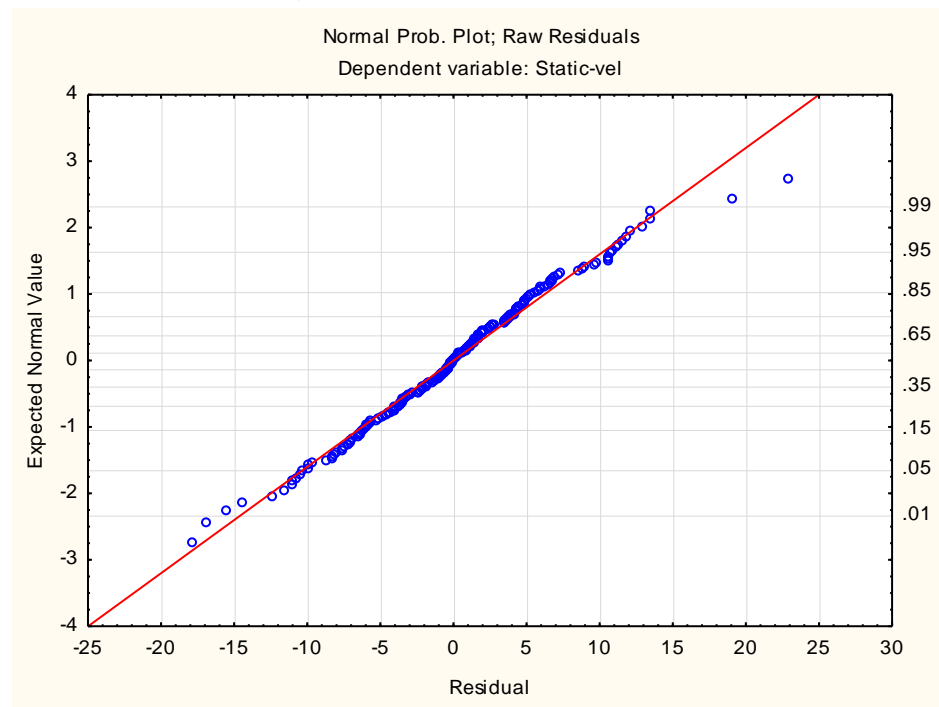
### Normal Prob. Plot; Raw Residuals



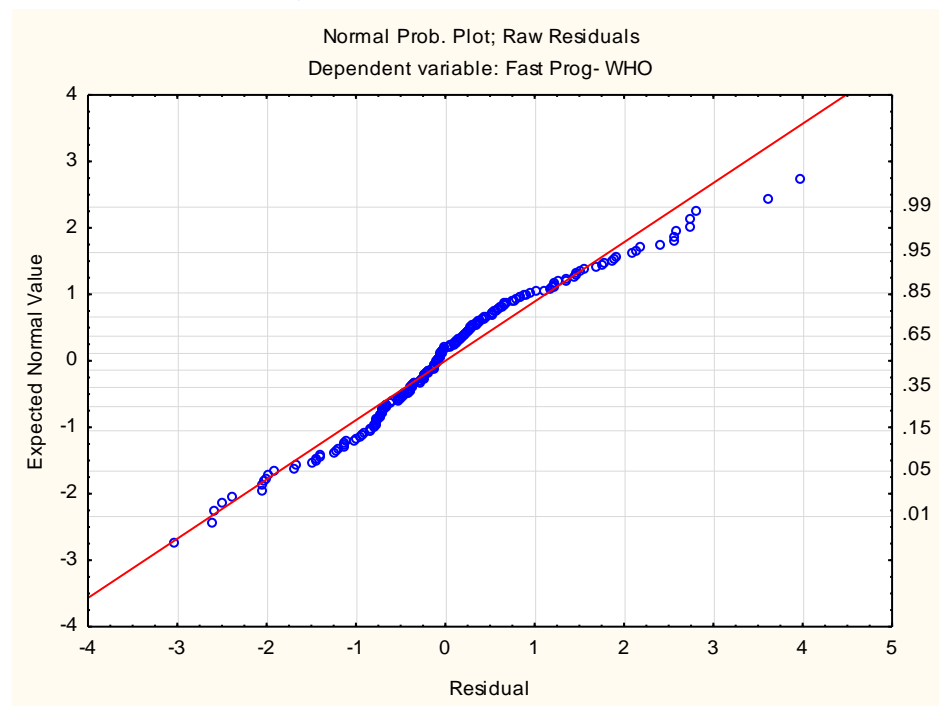
### Normal Prob. Plot; Raw Residuals



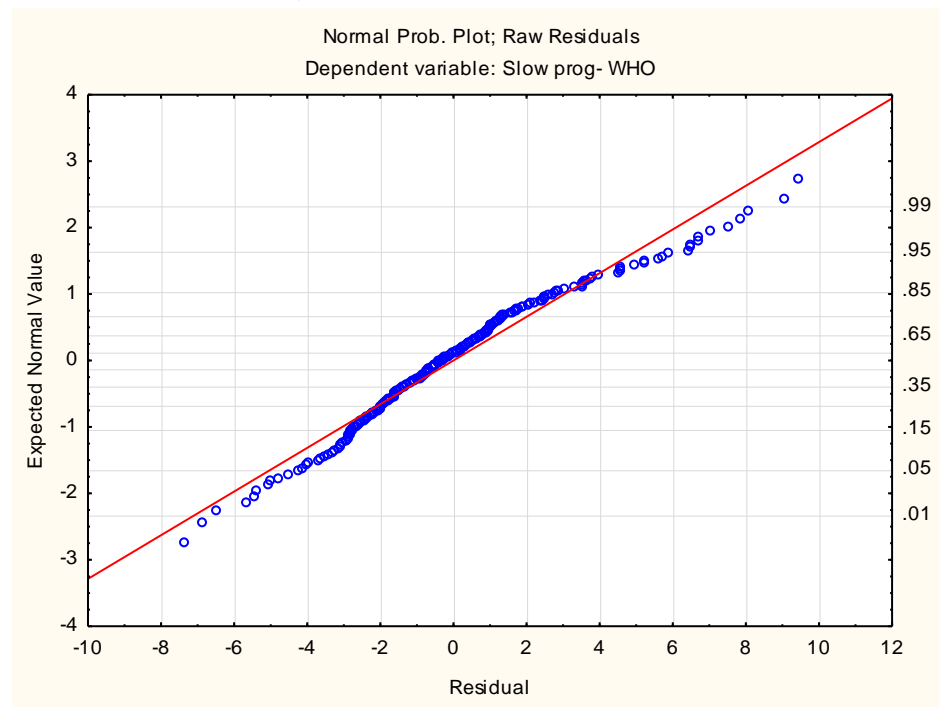
### Normal Prob. Plot; Raw Residuals



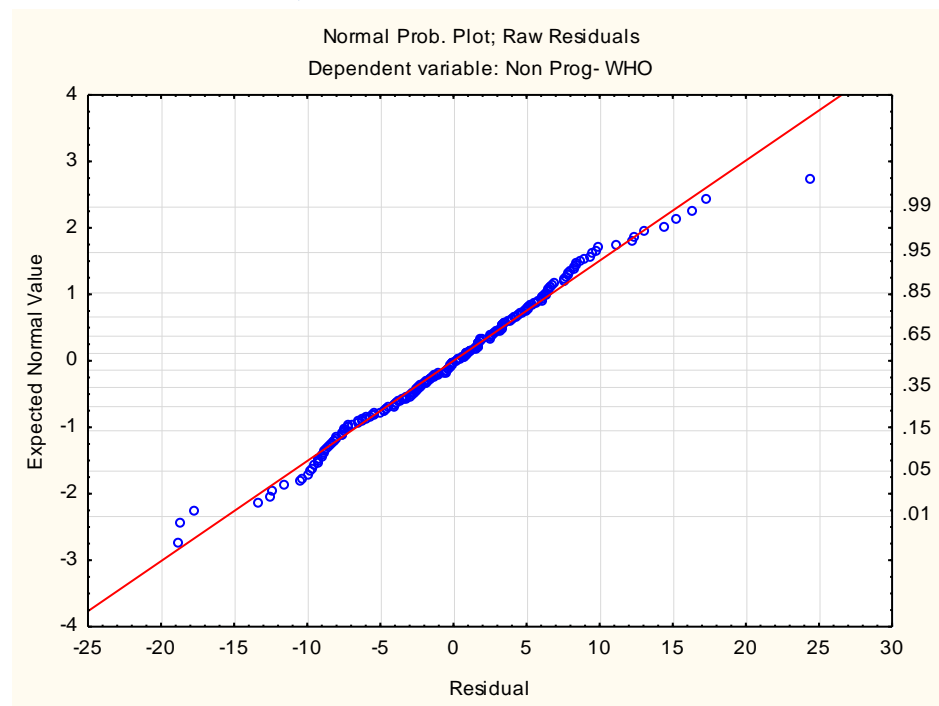
### Normal Prob. Plot; Raw Residuals



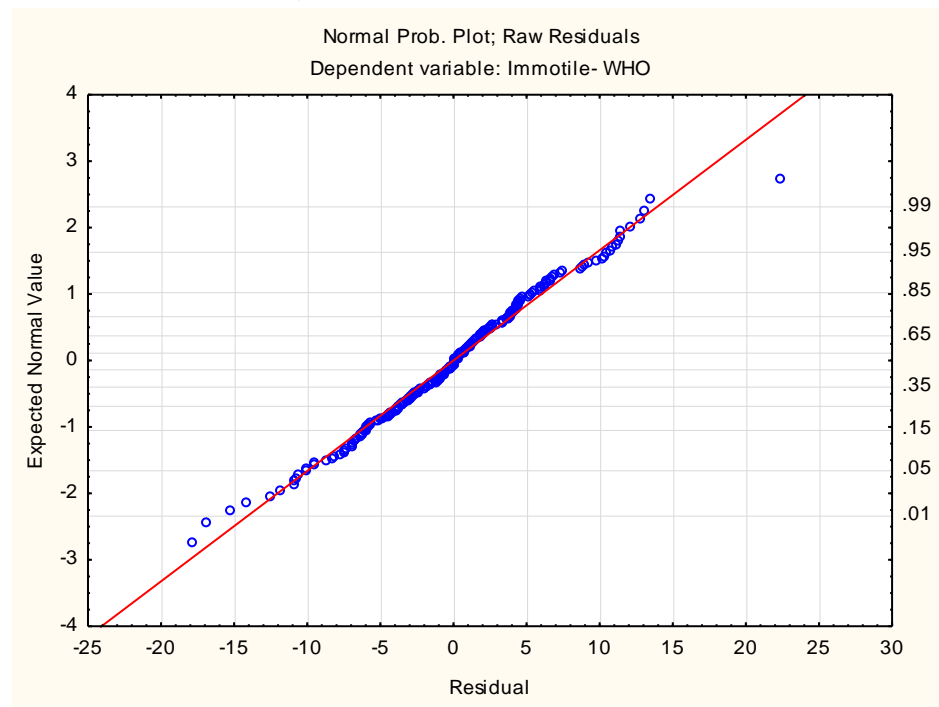
### Normal Prob. Plot; Raw Residuals



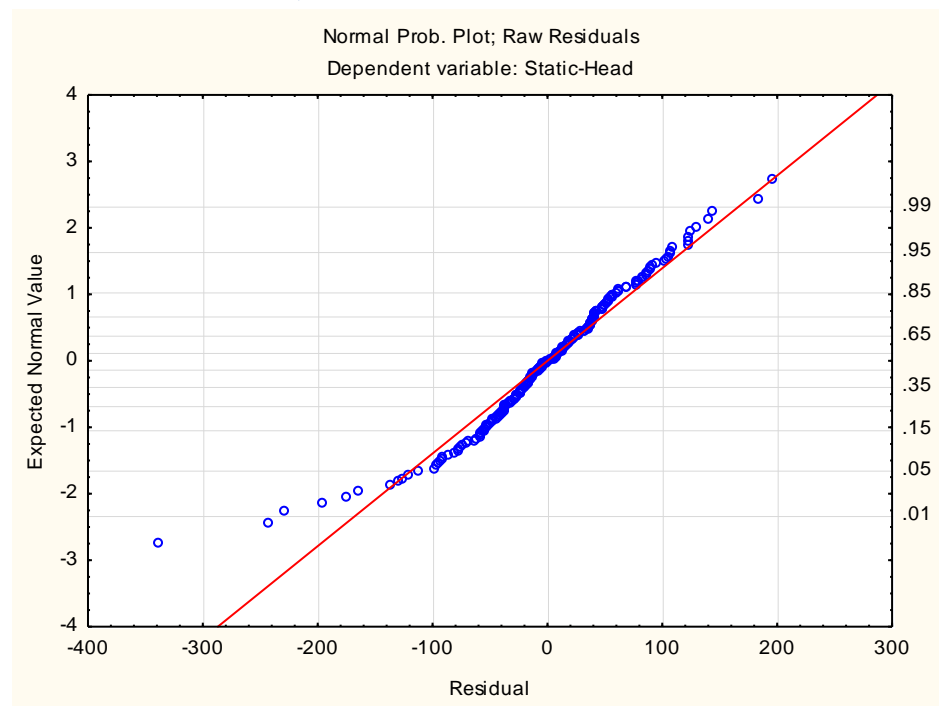
### Normal Prob. Plot; Raw Residuals



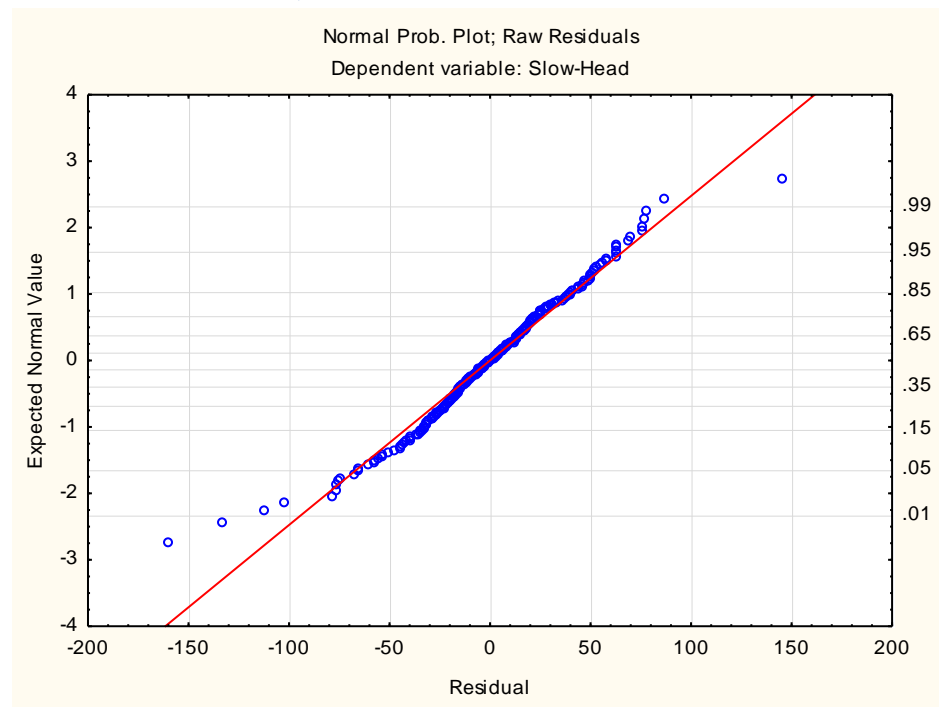
### Normal Prob. Plot; Raw Residuals



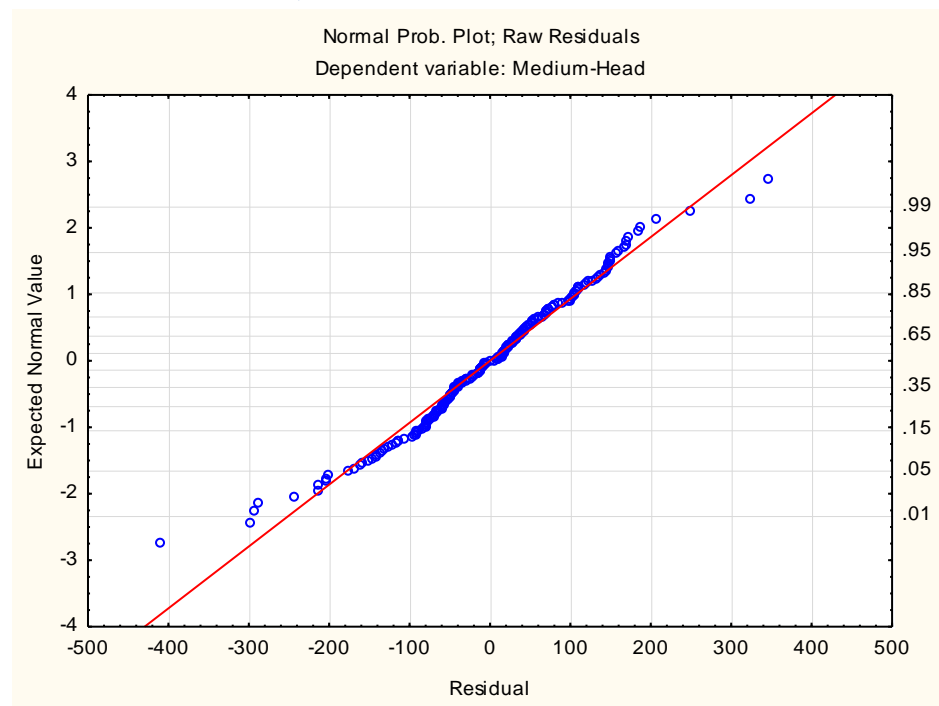
### Normal Prob. Plot; Raw Residuals



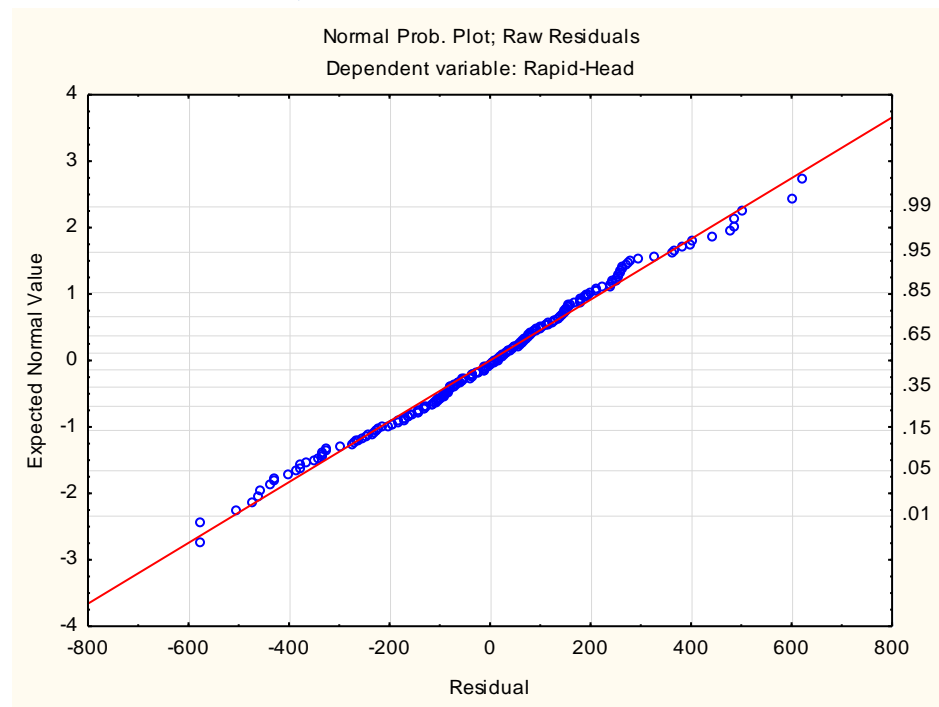
### Normal Prob. Plot; Raw Residuals



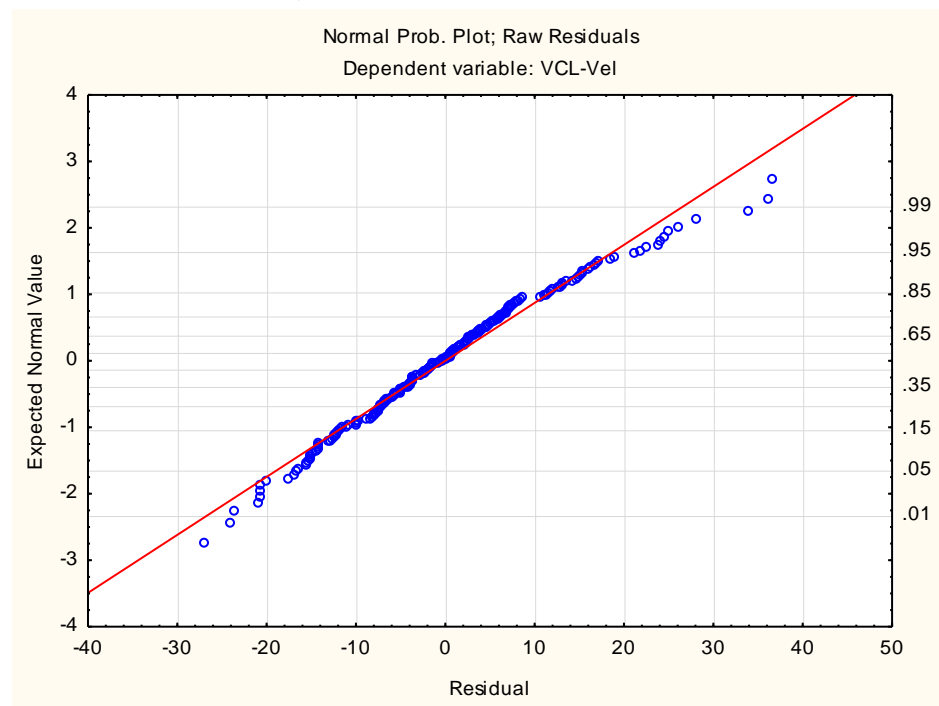
### Normal Prob. Plot; Raw Residuals



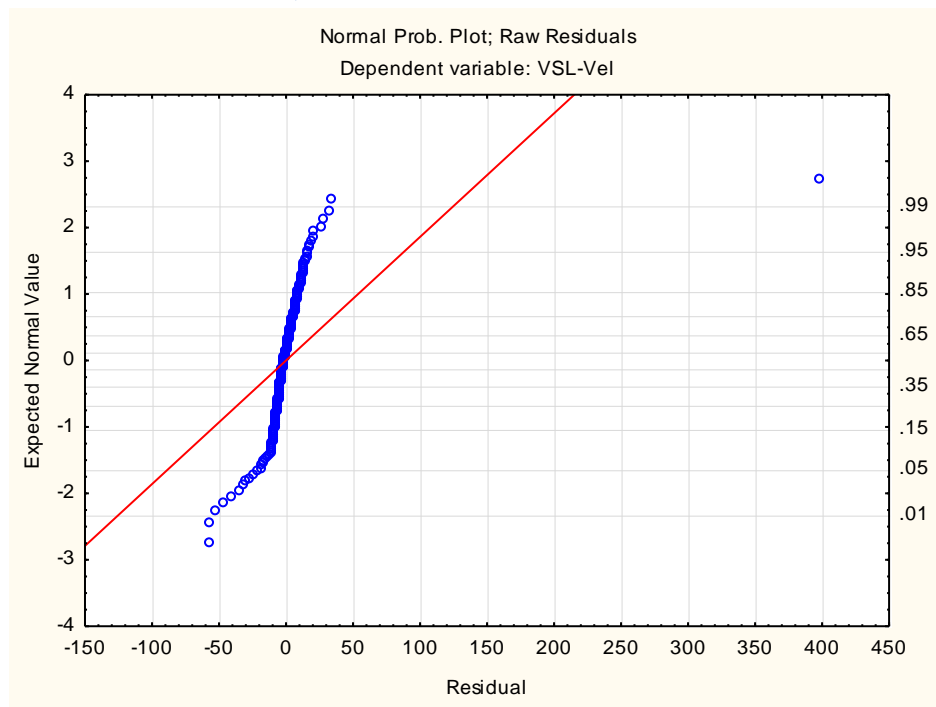
### Normal Prob. Plot; Raw Residuals



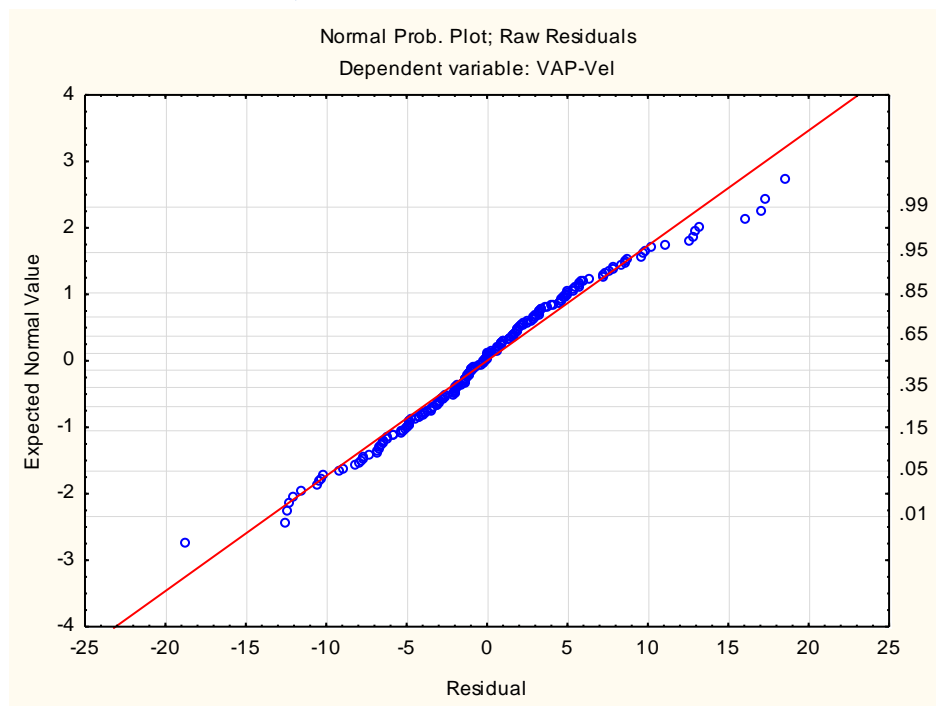
### Normal Prob. Plot; Raw Residuals



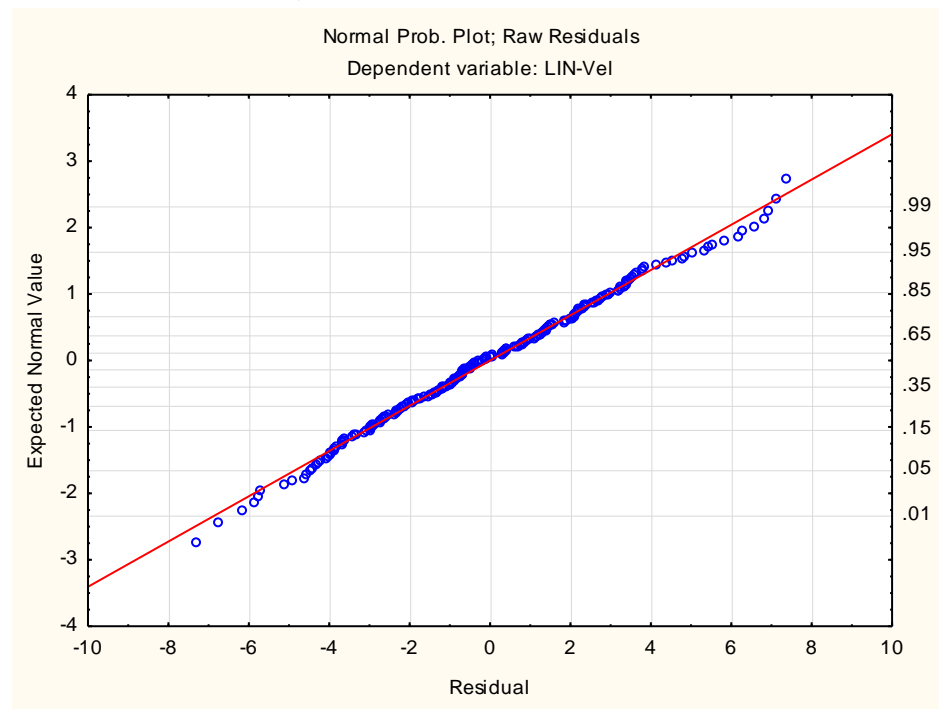
### Normal Prob. Plot; Raw Residuals



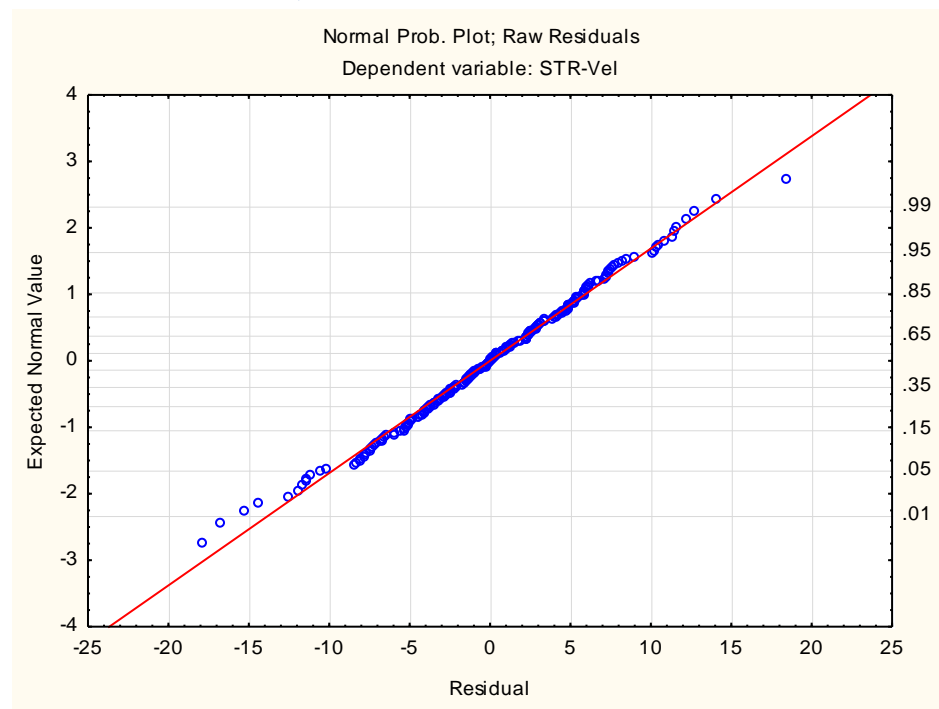
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals

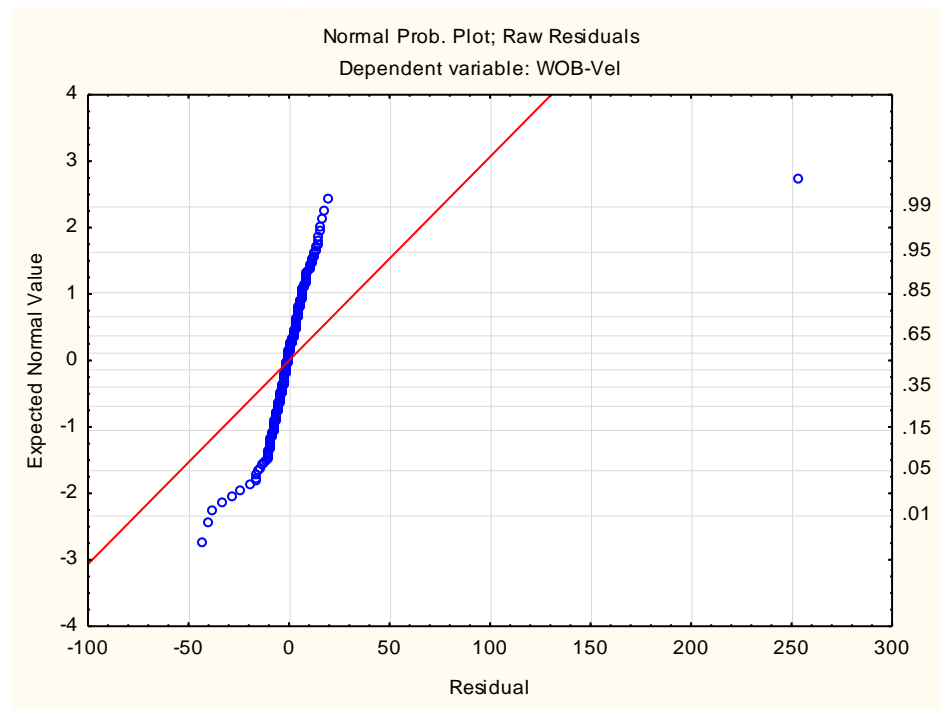


### Normal Prob. Plot; Raw Residuals

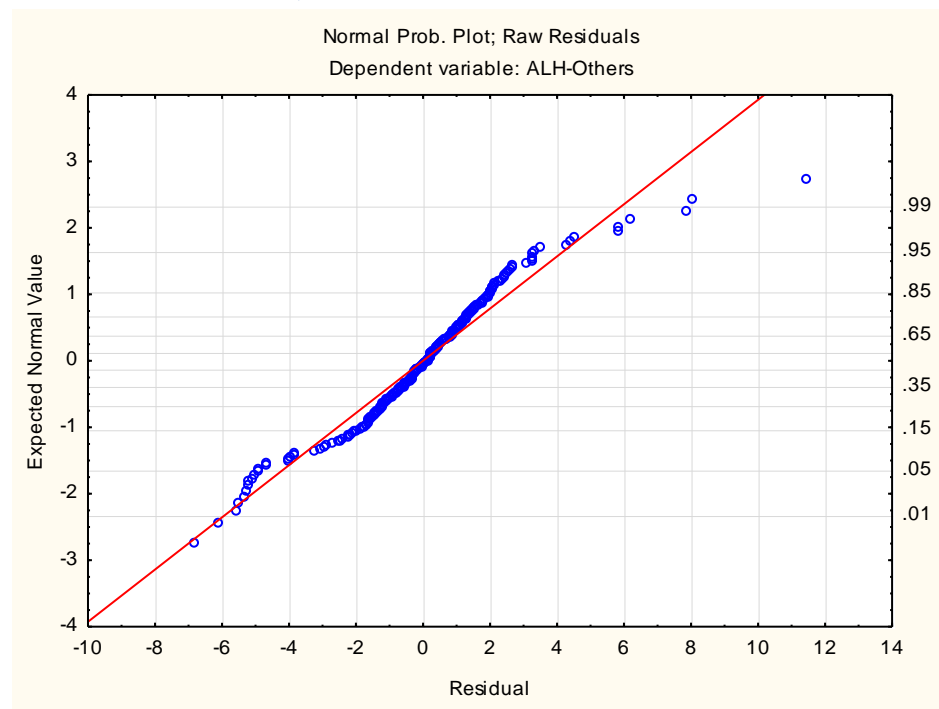




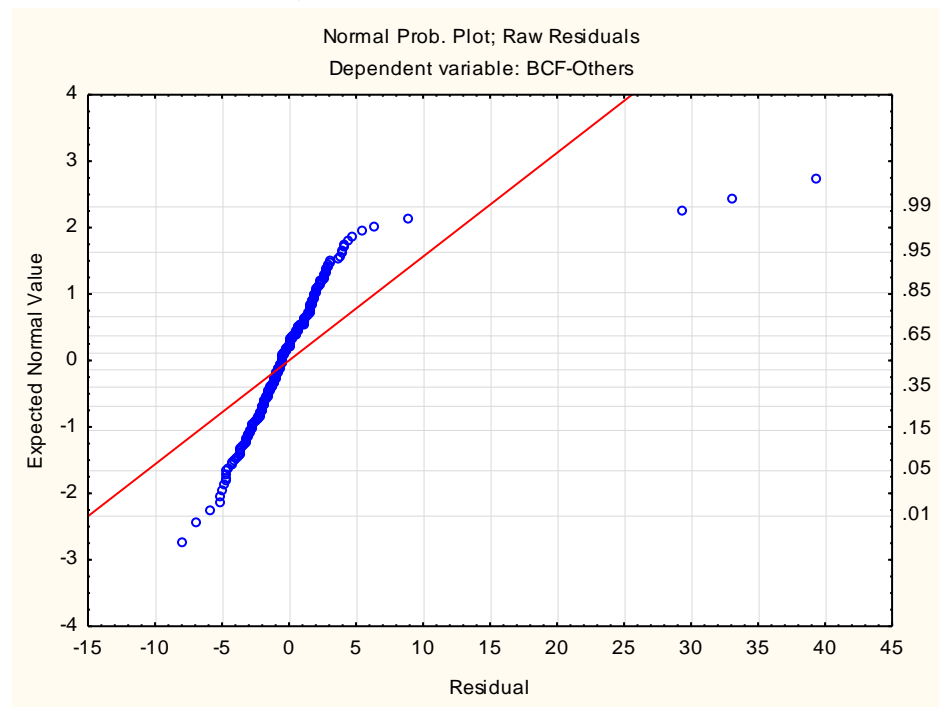
### Normal Prob. Plot; Raw Residuals



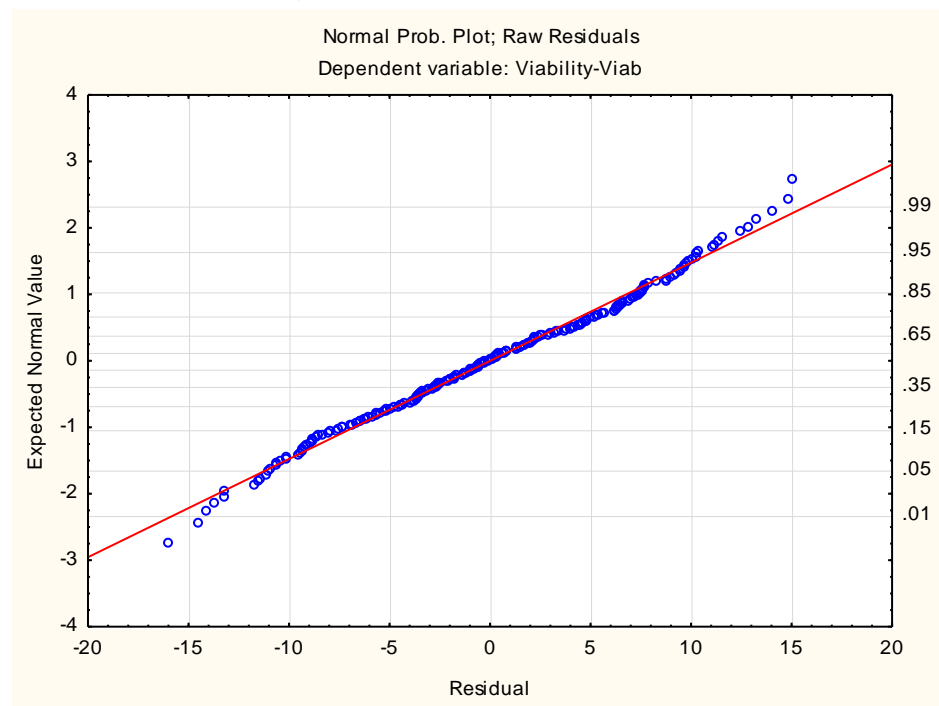
### Normal Prob. Plot; Raw Residuals



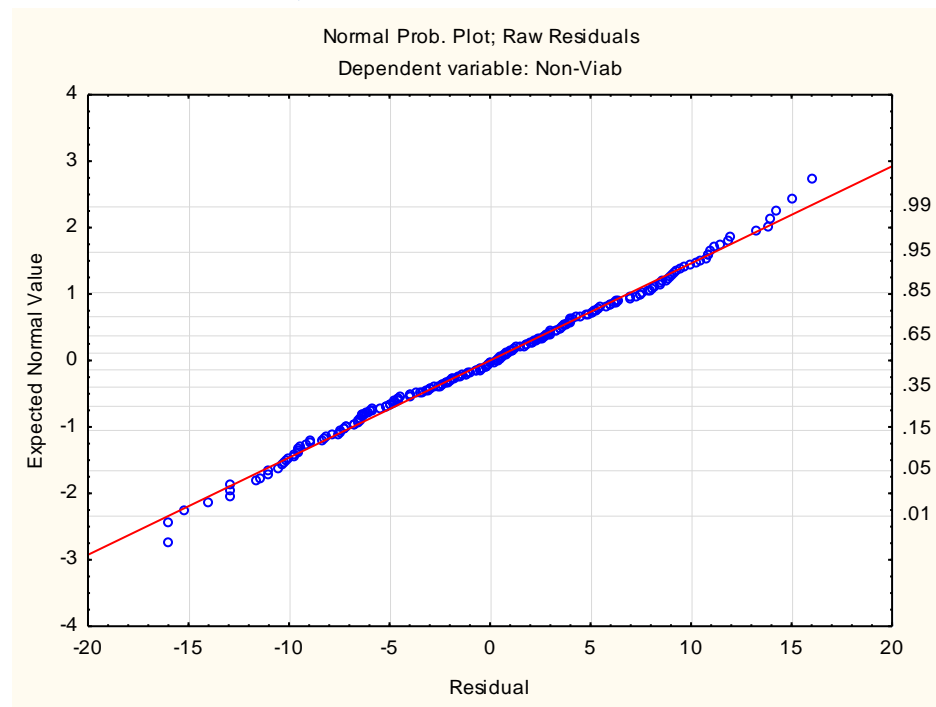
### Normal Prob. Plot; Raw Residuals



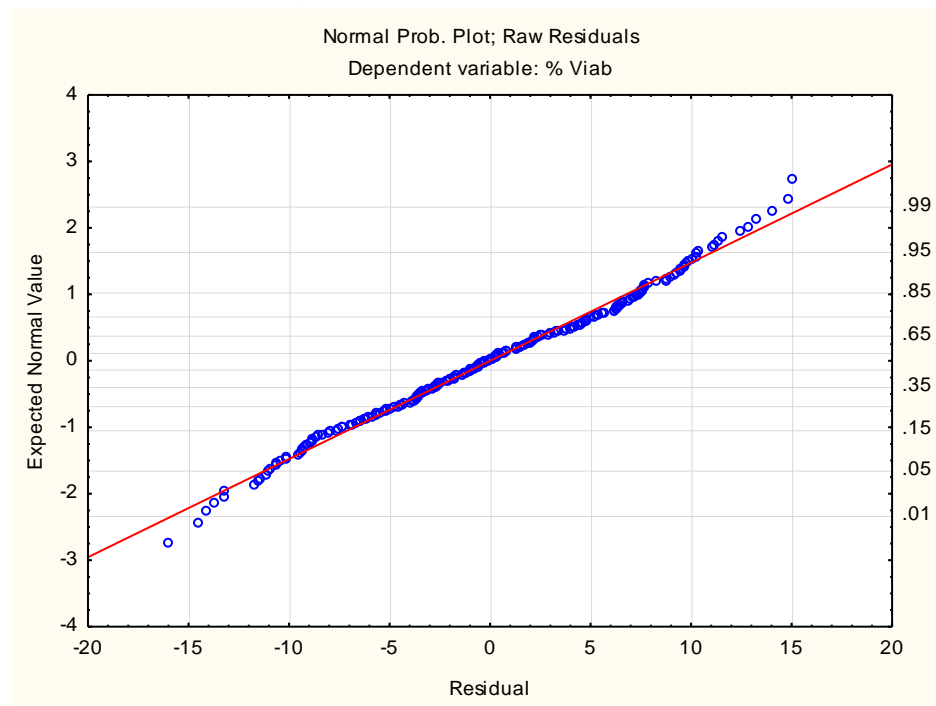
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals



### Fixed Effect Test for static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.317444	0.282082
Obese (Y/N)	1	9	0.001772	0.967338
Time Point	3	27	1.687428	0.193228
Concentration_New*Obese (Y/N)	4	36	0.502572	0.734007
Concentration_New*Time Point	12	120	0.566120	0.865466
Obese (Y/N)*Time Point	3	27	1.813616	0.168481

#### Fixed Effect Test for NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.169652	0.340431
Obese (Y/N)	1	9	0.521375	0.488591
Time Point	3	27	0.291526	0.831127
Concentration_New*Obese (Y/N)	4	36	0.440320	0.778609
Concentration_New*Time Point	12	120	0.541485	0.883595
Obese (Y/N)*Time Point	3	27	0.978430	0.417476

#### Fixed Effect Test for P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

	Num. DF	Den. DF	F	p
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Effect				
Concentration_New	4	36	4.301596	0.006025
Obese (Y/N)	1	9	5.479504	0.043960
Time Point	3	27	3.466552	0.029918
Concentration_New*Obese (Y/N)	4	36	1.123490	0.360741
Concentration_New*Time Point	12	120	1.302499	0.225809
Obese (Y/N)*Time Point	3	27	1.779459	0.174841

#### Fixed Effect Test for Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	2.283492	0.079279
Obese (Y/N)	1	9	1.788825	0.213884
Time Point	3	27	2.019349	0.134888
Concentration_New*Obese (Y/N)	4	36	3.140555	0.025858
Concentration_New*Time Point	12	120	1.394511	0.177657
Obese (Y/N)*Time Point	3	27	0.656119	0.586142

#### Fixed Effect Test for Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
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<b>Concentration_New</b>	4	36	2.605585	0.051867
<b>Obese (Y/N)</b>	1	9	1.694870	0.225293
<b>Time Point</b>	3	27	3.749096	0.022611
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.543752	0.704631
<b>Concentration_New*Time Point</b>	12	120	0.956762	0.493834
<b>Obese (Y/N)*Time Point</b>	3	27	3.624602	0.025565

#### Fixed Effect Test for Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	3.026663	0.029955
<b>Obese (Y/N)</b>	1	9	8.422186	0.017535
<b>Time Point</b>	3	27	3.093407	0.043623
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.905358	0.130726
<b>Concentration_New*Time Point</b>	12	120	1.118021	0.351971
<b>Obese (Y/N)*Time Point</b>	3	27	0.277531	0.841095

#### Fixed Effect Test for Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	1.589393	0.198191

<b>Obese (Y/N)</b>	1	9	0.000047	0.994682
<b>Time Point</b>	3	27	1.842074	0.163364
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.659678	0.624018
<b>Concentration_New*Time Point</b>	12	120	0.606698	0.833050
<b>Obese (Y/N)*Time Point</b>	3	27	1.593876	0.213940

#### Fixed Effect Test for Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	4.880876	0.003006
<b>Obese (Y/N)</b>	1	9	3.345725	0.100634
<b>Time Point</b>	3	27	1.159281	0.343426
<b>Concentration_New*Obese (Y/N)</b>	4	36	2.589936	0.052944
<b>Concentration_New*Time Point</b>	12	120	0.636087	0.807814
<b>Obese (Y/N)*Time Point</b>	3	27	0.721750	0.547767

#### Fixed Effect Test for Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	2.364587	0.071228
<b>Obese (Y/N)</b>	1	9	2.239675	0.168729

<b>Time Point</b>	3	27	3.362555	0.033207
<b>Concentration_New*Obese (Y/N)</b>	4	36	2.250964	0.082761
<b>Concentration_New*Time Point</b>	12	120	1.554202	0.114404
<b>Obese (Y/N)*Time Point</b>	3	27	0.998717	0.408478

#### Fixed Effect Test for Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	2.336029	0.073964
<b>Obese (Y/N)</b>	1	9	2.548138	0.144889
<b>Time Point</b>	3	27	0.576379	0.635505
<b>Concentration_New*Obese (Y/N)</b>	4	36	2.011044	0.113673
<b>Concentration_New*Time Point</b>	12	120	0.858079	0.591072
<b>Obese (Y/N)*Time Point</b>	3	27	0.551003	0.651819

#### Fixed Effect Test for Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	1.317444	0.282082
<b>Obese (Y/N)</b>	1	9	0.001772	0.967338
<b>Time Point</b>	3	27	1.687428	0.193228



<b>Concentration_New*Obese (Y/N)</b>	4	36	0.502572	0.734007
<b>Concentration_New*Time Point</b>	12	120	0.566120	0.865466
<b>Obese (Y/N)*Time Point</b>	3	27	1.813616	0.168481

#### Fixed Effect Test for Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	0.373004	0.826314
<b>Obese (Y/N)</b>	1	9	4.784456	0.056495
<b>Time Point</b>	3	27	0.603165	0.618596
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.665549	0.620051
<b>Concentration_New*Time Point</b>	12	120	0.564794	0.866473
<b>Obese (Y/N)*Time Point</b>	3	27	0.694431	0.563489

#### Fixed Effect Test for Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	0.280335	0.888775
<b>Obese (Y/N)</b>	1	9	0.685442	0.429126
<b>Time Point</b>	3	27	1.114041	0.360683
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.362357	0.266249

<b>Concentration_New*Time Point</b>	12	120	1.502617	0.132280
<b>Obese (Y/N)*Time Point</b>	3	27	3.215335	0.038531

#### Fixed Effect Test for Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	1.966146	0.120629
<b>Obese (Y/N)</b>	1	9	0.366089	0.560088
<b>Time Point</b>	3	27	2.339458	0.095758
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.423391	0.246055
<b>Concentration_New*Time Point</b>	12	120	1.138806	0.335730
<b>Obese (Y/N)*Time Point</b>	3	27	1.704182	0.189739

#### Fixed Effect Test for Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	3.810096	0.011052
<b>Obese (Y/N)</b>	1	9	0.615920	0.452729
<b>Time Point</b>	3	27	6.854671	0.001400
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.015644	0.412297
<b>Concentration_New*Time Point</b>	12	120	1.105318	0.362145

<b>Obese (Y/N)*Time Point</b>	3	27	0.138137	0.936342
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### Fixed Effect Test for VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	2.930378	0.033938
<b>Obese (Y/N)</b>	1	9	1.596084	0.238203
<b>Time Point</b>	3	27	3.885009	0.019794
<b>Concentration_New*Obese (Y/N)</b>	4	36	3.250901	0.022439
<b>Concentration_New*Time Point</b>	12	120	1.716051	0.071384
<b>Obese (Y/N)*Time Point</b>	3	27	0.878412	0.464557

### Fixed Effect Test for VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	0.404163	0.804368
<b>Obese (Y/N)</b>	1	9	6.714683	0.029153
<b>Time Point</b>	3	27	1.915294	0.150918
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.338162	0.850405
<b>Concentration_New*Time Point</b>	12	120	1.097458	0.368533
<b>Obese (Y/N)*Time Point</b>	3	27	1.253735	0.309931

### Fixed Effect Test for VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	6.295193	0.000601
Obese (Y/N)	1	9	3.799424	0.083072
Time Point	3	27	5.876678	0.003181
Concentration_New*Obese (Y/N)	4	36	2.894090	0.035577
Concentration_New*Time Point	12	120	1.315008	0.218709
Obese (Y/N)*Time Point	3	27	1.441914	0.252478

### Fixed Effect Test for LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	17.57410	0.000000
Obese (Y/N)	1	9	6.22526	0.034138
Time Point	3	27	5.09666	0.006340
Concentration_New*Obese (Y/N)	4	36	2.61398	0.051299
Concentration_New*Time Point	12	120	1.23823	0.265158
Obese (Y/N)*Time Point	3	27	2.15212	0.116954

### Fixed Effect Test for STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	6.314548	0.000589
Obese (Y/N)	1	9	5.252892	0.047625
Time Point	3	27	3.616008	0.025784
Concentration_New*Obese (Y/N)	4	36	0.978390	0.431478
Concentration_New*Time Point	12	120	0.474421	0.926257
Obese (Y/N)*Time Point	3	27	1.184056	0.334316

### Fixed Effect Test for WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.912480	0.129501
Obese (Y/N)	1	9	0.743708	0.410865
Time Point	3	27	3.176427	0.040084
Concentration_New*Obese (Y/N)	4	36	1.529807	0.214249
Concentration_New*Time Point	12	120	1.253581	0.255318
Obese (Y/N)*Time Point	3	27	0.833952	0.486978

### Fixed Effect Test for ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	7.530627	0.000163
Obese (Y/N)	1	9	2.515798	0.147172
Time Point	3	27	1.967847	0.142590
Concentration_New*Obese (Y/N)	4	36	1.207540	0.324521
Concentration_New*Time Point	12	120	0.866202	0.582901
Obese (Y/N)*Time Point	3	27	1.897321	0.153880

### Fixed Effect Test for BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	0.503465	0.733368
Obese (Y/N)	1	9	6.725018	0.029057
Time Point	3	27	1.732778	0.183933
Concentration_New*Obese (Y/N)	4	36	0.383521	0.818942
Concentration_New*Time Point	12	120	1.070396	0.391058
Obese (Y/N)*Time Point	3	27	1.036805	0.392069

### Fixed Effect Test for Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.4478	0.000000
Obese (Y/N)	1	9	192.1299	0.000000
Time Point	3	27	37.3077	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8883	0.035844
Concentration_New*Time Point	12	120	1.3503	0.199645
Obese (Y/N)*Time Point	3	27	3.2088	0.038788

### Fixed Effect Test for Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.6215	0.000000
Obese (Y/N)	1	9	205.7105	0.000000
Time Point	3	27	38.9914	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8439	0.037980
Concentration_New*Time Point	12	120	1.3866	0.181454
Obese (Y/N)*Time Point	3	27	3.4238	0.031225

### Fixed Effect Test for % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.4478	0.000000
Obese (Y/N)	1	9	192.1299	0.000000
Time Point	3	27	37.3077	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8883	0.035844
Concentration_New*Time Point	12	120	1.3503	0.199645
Obese (Y/N)*Time Point	3	27	3.2088	0.038788

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	static-prog - Mean	static-prog - Std.Dev.	static-prog - Std.Err	static-prog - -95.00%	static-prog - +95.00%
Total				220	22.18864	11.31967	0.763172	20.68453	23.69274
Concentration_New	0			44	19.84091	9.62662	1.451267	16.91415	22.76767
Concentration_New	1			44	22.20227	12.00766	1.810223	18.55161	25.85294
Concentration_New	2			44	23.82045	12.15282	1.832106	20.12566	27.51525
Concentration_New	3			44	22.21364	10.68491	1.610810	18.96513	25.46215
Concentration_New	4			44	22.86591	12.04349	1.815624	19.20435	26.52746
Obese (Y/N)	No			120	22.29750	11.13983	1.016922	20.28389	24.31111
Obese (Y/N)	Yes			100	22.05800	11.58676	1.158676	19.75894	24.35706
Time Point	30			55	20.57455	10.68407	1.440640	17.68624	23.46285
Time Point	60			55	20.89636	11.07347	1.493147	17.90278	23.88994



<b>Time Point</b>	120			55	23.33091	11.25849	1.518095	20.28731	26.37451
<b>Time Point</b>	180			55	23.95273	12.13593	1.636408	20.67193	27.23353
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	19.08333	9.82303	2.005117	14.93543	23.23123
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	20.75000	9.55667	2.136937	16.27734	25.22266
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	22.38750	11.18805	2.283751	17.66320	27.11180
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	21.98000	13.21708	2.955429	15.79422	28.16578
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	23.13333	11.70680	2.389641	18.18998	28.07668
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	24.64500	12.92417	2.889932	18.59630	30.69370
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	23.15000	10.86926	2.218679	18.56031	27.73969
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	21.09000	10.62682	2.376230	16.11649	26.06351
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	23.73333	12.27920	2.506482	18.54828	28.91839
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	21.82500	11.98534	2.680003	16.21569	27.43431
<b>Concentration_New*Time Point</b>	0	30		11	19.68182	10.19743	3.074642	12.83109	26.53255
<b>Concentration_New*Time Point</b>	0	60		11	18.87273	9.46225	2.852976	12.51590	25.22955
<b>Concentration_New*Time Point</b>	0	120		11	19.94545	10.26249	3.094258	13.05102	26.83989
<b>Concentration_New*Time Point</b>	0	180		11	20.86364	9.87049	2.976064	14.23255	27.49472
<b>Concentration_New*Time Point</b>	1	30		11	18.39091	10.42425	3.143028	11.38781	25.39401
<b>Concentration_New*Time Point</b>	1	60		11	23.29091	12.28206	3.703179	15.03971	31.54211
<b>Concentration_New*Time Point</b>	1	120		11	24.40000	13.42468	4.047693	15.38118	33.41882
<b>Concentration_New*Time Point</b>	1	180		11	22.72727	12.54417	3.782209	14.29999	31.15456
<b>Concentration_New*Time Point</b>	2	30		11	22.30909	11.49012	3.464402	14.58992	30.02826
<b>Concentration_New*Time Point</b>	2	60		11	21.41818	10.59347	3.194052	14.30139	28.53497
<b>Concentration_New*Time Point</b>	2	120		11	25.57273	10.15028	3.060425	18.75368	32.39178
<b>Concentration_New*Time Point</b>	2	180		11	25.98182	16.44450	4.958204	14.93425	37.02938
<b>Concentration_New*Time Point</b>	3	30		11	19.56364	12.36999	3.729691	11.25337	27.87391
<b>Concentration_New*Time Point</b>	3	60		11	19.85455	10.78382	3.251443	12.60988	27.09921

<b>Concentration_New*Time Point</b>	3	120		11	23.25455	8.78674	2.649301	17.35154	29.15755
<b>Concentration_New*Time Point</b>	3	180		11	26.18182	10.58516	3.191546	19.07061	33.29303
<b>Concentration_New*Time Point</b>	4	30		11	22.92727	10.10298	3.046163	16.14000	29.71455
<b>Concentration_New*Time Point</b>	4	60		11	21.04545	13.45112	4.055666	12.00887	30.08204
<b>Concentration_New*Time Point</b>	4	120		11	23.48182	14.11629	4.256222	13.99837	32.96527
<b>Concentration_New*Time Point</b>	4	180		11	24.00909	11.65843	3.515148	16.17685	31.84133
<b>Obese (Y/N)*Time Point</b>	No	30		30	18.64667	10.65674	1.945645	14.66738	22.62596
<b>Obese (Y/N)*Time Point</b>	No	60		30	20.86000	9.80220	1.789629	17.19980	24.52020
<b>Obese (Y/N)*Time Point</b>	No	120		30	24.40000	10.69528	1.952682	20.40632	28.39368
<b>Obese (Y/N)*Time Point</b>	No	180		30	25.28333	12.46839	2.276406	20.62756	29.93911
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	22.88800	10.45894	2.091788	18.57076	27.20524
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	20.94000	12.64100	2.528201	15.72205	26.15795
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	22.04800	11.99302	2.398605	17.09752	26.99848
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	22.35600	11.77558	2.355116	17.49528	27.21672
<b>Sample(Obese (Y/N))</b>	1	No		20	28.19500	4.87318	1.089676	25.91428	30.47572
<b>Sample(Obese (Y/N))</b>	1	Yes		20	32.30000	4.83540	1.081227	30.03697	34.56303
<b>Sample(Obese (Y/N))</b>	2	No		20	26.21000	7.93824	1.775045	22.49479	29.92521
<b>Sample(Obese (Y/N))</b>	2	Yes		20	32.91500	10.05235	2.247774	28.21035	37.61965
<b>Sample(Obese (Y/N))</b>	3	No		20	6.56500	4.36726	0.976548	4.52106	8.60894
<b>Sample(Obese (Y/N))</b>	3	Yes		20	13.56000	7.47581	1.671643	10.06121	17.05879
<b>Sample(Obese (Y/N))</b>	4	No		20	22.49000	9.08173	2.030736	18.23962	26.74038
<b>Sample(Obese (Y/N))</b>	4	Yes		20	20.44500	8.06881	1.804242	16.66868	24.22132
<b>Sample(Obese (Y/N))</b>	5	No		20	30.73000	10.01447	2.239303	26.04308	35.41692
<b>Sample(Obese (Y/N))</b>	5	Yes		20	11.07000	3.70946	0.829461	9.33392	12.80608
<b>Sample(Obese (Y/N))</b>	6	No		20	19.59500	9.63265	2.153925	15.08678	24.10322
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	29.30000	3.63410	1.817049	23.51734	35.08266

Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	29.72500	3.23458	1.617289	24.57806	34.87194
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	28.65000	6.78945	3.394726	17.84647	39.45353
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	35.87500	4.42822	2.214112	28.82871	42.92129
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	28.52500	3.35497	1.677486	23.18649	33.86351
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	34.37500	3.72592	1.862961	28.44623	40.30377
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	26.67500	4.61763	2.308815	19.32732	34.02268
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	26.87500	4.74649	2.373245	19.32228	34.42772
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	27.82500	7.29446	3.647231	16.21788	39.43212
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	34.65000	1.83576	0.917878	31.72890	37.57110
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	22.97500	3.39546	1.697731	17.57206	28.37794
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	25.90000	11.21130	5.605652	8.06031	43.73969
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	29.27500	3.89219	1.946097	23.08165	35.46835
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	34.55000	13.00372	6.501859	13.85818	55.24182
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	19.80000	8.05812	4.029061	6.97773	32.62227
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	42.45000	4.81006	2.405029	34.79612	50.10388
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	26.85000	11.80325	5.901624	8.06840	45.63160
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	31.87500	9.18200	4.591001	17.26439	46.48561
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	32.15000	6.27030	3.135150	22.17255	42.12745
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	29.80000	5.74166	2.870830	20.66374	38.93626
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	5.10000	1.89912	0.949561	2.07807	8.12193
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	11.10000	2.80476	1.402379	6.63700	15.56300
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	6.92500	4.68143	2.340717	-0.52421	14.37421
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	14.77500	8.23099	4.115494	1.67766	27.87234
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	6.20000	3.35956	1.679782	0.85418	11.54582
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	14.37500	7.67349	3.836747	2.16476	26.58524
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	6.60000	6.42703	3.213513	-3.62683	16.82683

Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	16.97500	11.46164	5.730819	-1.26303	35.21303
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	8.00000	6.05970	3.029851	-1.64234	17.64234
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	10.57500	7.05236	3.526182	-0.64688	21.79688
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	24.47500	5.49629	2.748143	15.72918	33.22082
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	25.27500	4.38587	2.192934	18.29611	32.25389
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	21.17500	11.07832	5.539160	3.54692	38.80308
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	16.02500	4.53973	2.269866	8.80127	23.24873
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	25.35000	4.89660	2.448299	17.55842	33.14158
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	17.20000	8.34945	4.174726	3.91416	30.48584
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	21.20000	11.40117	5.700585	3.05820	39.34180
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	19.97500	8.35399	4.176996	6.68194	33.26806
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	20.25000	13.71435	6.857174	-1.57259	42.07259
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	23.75000	12.12174	6.060872	4.46160	43.03840
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	23.52500	6.22328	3.111638	13.62238	33.42762
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	11.75000	3.59676	1.798379	6.02676	17.47324
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	32.25000	8.53405	4.267025	18.67042	45.82958
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	8.67500	2.94661	1.473304	3.98629	13.36371
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	35.85000	16.29734	8.148671	9.91729	61.78271
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	14.82500	0.48563	0.242813	14.05226	15.59774
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	29.15000	7.11126	3.555629	17.83440	40.46560
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	9.75000	3.43754	1.718769	4.28011	15.21989
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	32.87500	9.52484	4.762418	17.71886	48.03114
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	10.35000	4.83701	2.418505	2.65324	18.04676
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	9.12500	5.01224	2.506118	1.14942	17.10058
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	16.05000	7.83603	3.918014	3.58113	28.51887
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	23.07500	3.94831	1.974156	16.79235	29.35765

Sample*Concentration_New(Obese (Y/N))	6	3	No	4	28.42500	5.74884	2.874420	19.27731	37.57269
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	21.30000	12.86831	6.434154	0.82365	41.77635
Sample*Time Point(Obese (Y/N))	1	No	30	5	24.94000	4.61118	2.062183	19.21446	30.66554
Sample*Time Point(Obese (Y/N))	1	No	60	5	29.22000	2.58689	1.156892	26.00795	32.43205
Sample*Time Point(Obese (Y/N))	1	No	120	5	29.44000	6.66656	2.981376	21.16237	37.71763
Sample*Time Point(Obese (Y/N))	1	No	180	5	29.18000	4.76414	2.130587	23.26454	35.09546
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	31.64000	5.17040	2.312272	25.22010	38.05990
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	33.64000	2.49960	1.117855	30.53634	36.74366
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	32.94000	8.40762	3.760000	22.50057	43.37943
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	30.98000	1.38275	0.618385	29.26309	32.69691
Sample*Time Point(Obese (Y/N))	2	No	30	5	19.88000	10.76322	4.813460	6.51569	33.24431
Sample*Time Point(Obese (Y/N))	2	No	60	5	27.32000	5.63800	2.521389	20.31950	34.32050
Sample*Time Point(Obese (Y/N))	2	No	120	5	30.36000	7.77612	3.477585	20.70468	40.01532
Sample*Time Point(Obese (Y/N))	2	No	180	5	27.28000	4.07885	1.824116	22.21544	32.34456
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	34.14000	6.66393	2.980201	25.86563	42.41437
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	35.64000	7.54771	3.375441	26.26827	45.01173
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	30.74000	10.25636	4.586785	18.00504	43.47496
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	31.14000	15.88735	7.105040	11.41325	50.86675
Sample*Time Point(Obese (Y/N))	3	No	30	5	3.18000	2.23204	0.998198	0.40856	5.95144
Sample*Time Point(Obese (Y/N))	3	No	60	5	9.38000	4.70234	2.102950	3.54127	15.21873
Sample*Time Point(Obese (Y/N))	3	No	120	5	9.22000	4.76886	2.132698	3.29868	15.14132
Sample*Time Point(Obese (Y/N))	3	No	180	5	4.48000	1.51228	0.676314	2.60225	6.35775
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	18.48000	7.86619	3.517869	8.71283	28.24717
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	12.24000	8.66447	3.874868	1.48164	22.99836
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	12.18000	6.75070	3.019006	3.79789	20.56211
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	11.34000	6.47827	2.897171	3.29616	19.38384

Sample*Time Point(Obese (Y/N))	4	No	30	5	16.60000	5.98916	2.678432	9.16348	24.03652
Sample*Time Point(Obese (Y/N))	4	No	60	5	15.88000	10.01434	4.478549	3.44555	28.31445
Sample*Time Point(Obese (Y/N))	4	No	120	5	30.34000	4.58181	2.049049	24.65093	36.02907
Sample*Time Point(Obese (Y/N))	4	No	180	5	27.14000	5.70815	2.552763	20.05239	34.22761
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	19.02000	5.85081	2.616563	11.75526	26.28474
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	11.10000	4.98849	2.230919	4.90598	17.29402
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	25.50000	5.09068	2.276620	19.17909	31.82091
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	26.16000	6.30500	2.819681	18.33131	33.98869
Sample*Time Point(Obese (Y/N))	5	No	30	5	30.12000	6.48205	2.898862	22.07147	38.16853
Sample*Time Point(Obese (Y/N))	5	No	60	5	25.18000	8.46682	3.786476	14.66706	35.69294
Sample*Time Point(Obese (Y/N))	5	No	120	5	30.76000	5.39657	2.413421	24.05927	37.46073
Sample*Time Point(Obese (Y/N))	5	No	180	5	36.86000	15.73556	7.037159	17.32172	56.39828
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	11.16000	4.48977	2.007884	5.58522	16.73478
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	12.08000	3.17836	1.421408	8.13354	16.02646
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	8.88000	4.41950	1.976461	3.39246	14.36754
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	12.16000	2.60826	1.166448	8.92142	15.39858
Sample*Time Point(Obese (Y/N))	6	No	30	5	17.16000	8.96649	4.009938	6.02663	28.29337
Sample*Time Point(Obese (Y/N))	6	No	60	5	18.18000	9.82176	4.392425	5.98467	30.37533
Sample*Time Point(Obese (Y/N))	6	No	120	5	16.28000	10.50105	4.696211	3.24123	29.31877
Sample*Time Point(Obese (Y/N))	6	No	180	5	26.76000	8.11067	3.627203	16.68927	36.83073

**Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)**

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	NP motile-prog - Mean	NP motile-prog - Std.Dev.	NP motile-prog - Std.Err	NP motile-prog - -95.00%	NP motile-prog - +95.00%
Total				220	73.30409	10.27291	0.692599	71.93908	74.66910

<b>Concentration_New</b>	0			44	74.05227	8.71544	1.313901	71.40254	76.70201
<b>Concentration_New</b>	1			44	72.43864	10.44893	1.575235	69.26187	75.61540
<b>Concentration_New</b>	2			44	71.79091	10.97835	1.655048	68.45319	75.12863
<b>Concentration_New</b>	3			44	74.04545	9.83495	1.482675	71.05536	77.03555
<b>Concentration_New</b>	4			44	74.19318	11.40339	1.719126	70.72623	77.66013
<b>Obese (Y/N)</b>	No			120	71.62333	9.61023	0.877290	69.88621	73.36045
<b>Obese (Y/N)</b>	Yes			100	75.32100	10.71930	1.071930	73.19406	77.44794
<b>Time Point</b>	30			55	73.94545	9.84669	1.327728	71.28352	76.60739
<b>Time Point</b>	60			55	73.66909	10.64273	1.435066	70.79196	76.54622
<b>Time Point</b>	120			55	72.64727	9.81597	1.323585	69.99364	75.30090
<b>Time Point</b>	180			55	72.95455	10.96798	1.478922	69.98948	75.91961
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	72.48333	7.59031	1.549365	69.27823	75.68844
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	75.93500	9.76343	2.183169	71.36558	80.50442
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	70.55417	9.09739	1.856998	66.71267	74.39566
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	74.70000	11.70627	2.617602	69.22130	80.17870
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	71.02083	10.41587	2.126131	66.62260	75.41907
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	72.71500	11.82314	2.643734	67.18160	78.24840
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	71.49167	9.61195	1.962030	67.43290	75.55044
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	77.11000	9.43096	2.108827	72.69617	81.52383
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	72.56667	11.54551	2.356718	67.69142	77.44191
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	76.14500	11.20632	2.505809	70.90028	81.38972
<b>Concentration_New*Time Point</b>	0	30		11	73.91818	10.22964	3.084354	67.04581	80.79055
<b>Concentration_New*Time Point</b>	0	60		11	73.59091	9.37160	2.825644	67.29498	79.88684
<b>Concentration_New*Time Point</b>	0	120		11	73.58182	8.87342	2.675438	67.62057	79.54306
<b>Concentration_New*Time Point</b>	0	180		11	75.11818	7.32568	2.208777	70.19672	80.03964
<b>Concentration_New*Time Point</b>	1	30		11	74.61818	9.57651	2.887428	68.18459	81.05177

<b>Concentration_New*Time Point</b>	1	60		11	71.33636	10.12890	3.053977	64.53168	78.14105
<b>Concentration_New*Time Point</b>	1	120		11	70.48182	10.15557	3.062020	63.65921	77.30442
<b>Concentration_New*Time Point</b>	1	180		11	73.31818	12.66529	3.818729	64.80952	81.82684
<b>Concentration_New*Time Point</b>	2	30		11	72.25455	9.91961	2.990876	65.59046	78.91863
<b>Concentration_New*Time Point</b>	2	60		11	74.01818	10.81211	3.259973	66.75451	81.28185
<b>Concentration_New*Time Point</b>	2	120		11	70.44545	8.96475	2.702974	64.42285	76.46805
<b>Concentration_New*Time Point</b>	2	180		11	70.44545	14.59146	4.399491	60.64278	80.24813
<b>Concentration_New*Time Point</b>	3	30		11	75.96364	11.35256	3.422925	68.33688	83.59039
<b>Concentration_New*Time Point</b>	3	60		11	74.31818	10.91200	3.290090	66.98740	81.64896
<b>Concentration_New*Time Point</b>	3	120		11	74.11818	8.28515	2.498065	68.55215	79.68422
<b>Concentration_New*Time Point</b>	3	180		11	71.78182	9.46338	2.853318	65.42423	78.13941
<b>Concentration_New*Time Point</b>	4	30		11	72.97273	9.52734	2.872601	66.57217	79.37328
<b>Concentration_New*Time Point</b>	4	60		11	75.08182	13.28404	4.005288	66.15748	84.00616
<b>Concentration_New*Time Point</b>	4	120		11	74.60909	13.09041	3.946908	65.81483	83.40335
<b>Concentration_New*Time Point</b>	4	180		11	74.10909	10.85638	3.273321	66.81568	81.40250
<b>Obese (Y/N)*Time Point</b>	No	30		30	73.58000	9.98559	1.823111	69.85132	77.30868
<b>Obese (Y/N)*Time Point</b>	No	60		30	71.70000	9.45880	1.726933	68.16802	75.23198
<b>Obese (Y/N)*Time Point</b>	No	120		30	70.29667	8.28832	1.513233	67.20176	73.39158
<b>Obese (Y/N)*Time Point</b>	No	180		30	70.91667	10.71441	1.956176	66.91584	74.91749
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	74.38400	9.86415	1.972829	70.31228	78.45572
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	76.03200	11.66539	2.333079	71.21676	80.84724
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	75.46800	10.89001	2.178002	70.97283	79.96317
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	75.40000	10.97869	2.195738	70.86822	79.93178
<b>Sample(Obese (Y/N))</b>	1	No		20	69.57000	4.74309	1.060588	67.35016	71.78984
<b>Sample(Obese (Y/N))</b>	1	Yes		20	66.46500	4.82835	1.079651	64.20526	68.72474
<b>Sample(Obese (Y/N))</b>	2	No		20	67.42000	6.57432	1.470063	64.34312	70.49688



Sample(Obese (Y/N))	2	Yes		20	65.97000	9.79592	2.190435	61.38537	70.55463
Sample(Obese (Y/N))	3	No		20	86.68500	4.38949	0.981521	84.63065	88.73935
Sample(Obese (Y/N))	3	Yes		20	84.35500	6.60697	1.477364	81.26284	87.44716
Sample(Obese (Y/N))	4	No		20	71.02500	7.14798	1.598336	67.67964	74.37036
Sample(Obese (Y/N))	4	Yes		20	74.35000	7.58770	1.696661	70.79885	77.90115
Sample(Obese (Y/N))	5	No		20	65.33000	8.56720	1.915685	61.32043	69.33957
Sample(Obese (Y/N))	5	Yes		20	85.46500	2.89687	0.647760	84.10922	86.82078
Sample(Obese (Y/N))	6	No		20	69.71000	7.82405	1.749510	66.04823	73.37177
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	68.30000	2.82489	1.412445	63.80497	72.79503
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	67.60000	4.62961	2.314807	60.23325	74.96675
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	67.97500	6.21899	3.109495	58.07920	77.87080
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	63.10000	4.24264	2.121320	56.34901	69.85099
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	69.10000	4.03237	2.016185	62.68360	75.51640
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	64.57500	3.68996	1.844982	58.70344	70.44656
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	71.45000	4.65797	2.328984	64.03813	78.86187
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	72.25000	4.33782	2.168909	65.34756	79.15244
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	71.02500	6.67052	3.335260	60.41071	81.63929
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	64.80000	2.42625	1.213123	60.93930	68.66070
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	64.50000	4.49147	2.245737	57.35306	71.64694
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	71.65000	11.10330	5.551651	53.98217	89.31783
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	65.37500	5.33128	2.665638	56.89175	73.85825
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	63.77500	12.53086	6.265431	43.83560	83.71440
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	74.40000	5.29780	2.648899	65.97002	82.82998
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	57.00000	4.46915	2.234577	49.88858	64.11142
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	67.82500	9.31535	4.657677	53.00219	82.64781
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	67.52500	9.68035	4.840175	52.12140	82.92860

Sample*Concentration_New(Obese (Y/N))	2	4	No	4	65.00000	4.51294	2.256472	57.81890	72.18110
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	69.90000	5.76368	2.881840	60.72870	79.07130
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	85.85000	2.76827	1.384136	81.44506	90.25494
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	87.57500	3.23149	1.615743	82.43299	92.71701
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	84.67500	4.70133	2.350665	77.19414	92.15586
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	83.95000	7.41283	3.706413	72.15454	95.74546
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	87.47500	4.20426	2.102132	80.78508	94.16492
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	81.72500	5.92980	2.964899	72.28937	91.16063
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	87.67500	6.07474	3.037371	78.00873	97.34127
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	81.52500	9.86657	4.933284	65.82509	97.22491
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	87.75000	5.26466	2.632331	79.37275	96.12725
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	87.00000	5.94026	2.970129	77.54772	96.45228
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	71.25000	4.74025	2.370127	63.70720	78.79280
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	69.12500	2.12191	1.060955	65.74857	72.50143
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	71.25000	7.50933	3.754664	59.30098	83.19902
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	77.12500	3.50844	1.754221	71.54229	82.70771
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	68.27500	2.57730	1.288652	64.17393	72.37607
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	76.25000	10.15365	5.076826	60.09327	92.40673
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	69.52500	7.43701	3.718507	57.69105	81.35895
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	76.90000	4.80486	2.402429	69.25440	84.54560
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	74.82500	12.26006	6.130032	55.31650	94.33350
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	72.35000	12.49600	6.248000	52.46608	92.23392
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	70.72500	4.55513	2.277563	63.47678	77.97322
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	83.72500	1.88392	0.941962	80.72726	86.72274
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	64.92500	6.58198	3.290991	54.45160	75.39840
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	85.55000	2.85949	1.429744	80.99992	90.10008

Sample*Concentration_New(Obese (Y/N))	5	2	No	4	59.17500	12.52527	6.262637	39.24449	79.10551
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	84.02500	0.61847	0.309233	83.04088	85.00912
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	67.67500	6.59564	3.297821	57.17986	78.17014
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	87.35000	3.23986	1.619928	82.19467	92.50533
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	64.15000	10.08282	5.041412	48.10598	80.19402
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	86.67500	4.12826	2.064128	80.10602	93.24398
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	74.27500	2.38659	1.193297	70.47740	78.07260
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	69.12500	9.45952	4.729760	54.07279	84.17721
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	67.70000	3.63960	1.819799	61.90859	73.49141
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	64.80000	3.56651	1.783255	59.12489	70.47511
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	72.65000	13.75706	6.878529	50.75945	94.54055
Sample*Time Point(Obese (Y/N))	1	No	30	5	72.42000	4.20975	1.882658	67.19290	77.64710
Sample*Time Point(Obese (Y/N))	1	No	60	5	67.48000	2.89776	1.295917	63.88196	71.07804
Sample*Time Point(Obese (Y/N))	1	No	120	5	68.54000	6.73892	3.013735	60.17253	76.90747
Sample*Time Point(Obese (Y/N))	1	No	180	5	69.84000	4.27762	1.913008	64.52864	75.15136
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	66.26000	5.66595	2.533890	59.22479	73.29521
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	64.72000	2.42940	1.086462	61.70350	67.73650
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	66.36000	7.92231	3.542965	56.52315	76.19685
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	68.52000	0.90388	0.404228	67.39768	69.64232
Sample*Time Point(Obese (Y/N))	2	No	30	5	69.52000	9.02535	4.036261	58.31354	80.72646
Sample*Time Point(Obese (Y/N))	2	No	60	5	65.66000	6.93852	3.102999	57.04469	74.27531
Sample*Time Point(Obese (Y/N))	2	No	120	5	63.92000	4.77357	2.134807	57.99283	69.84717
Sample*Time Point(Obese (Y/N))	2	No	180	5	70.58000	3.96699	1.774091	65.65433	75.50567
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	64.42000	6.35232	2.840845	56.53255	72.30745
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	63.12000	7.82253	3.498342	53.40704	72.83296
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	68.66000	10.19966	4.561425	55.99545	81.32455

Sample*Time Point(Obese (Y/N))	2	Yes	180	5	67.68000	14.97922	6.698910	49.08084	86.27916
Sample*Time Point(Obese (Y/N))	3	No	30	5	91.20000	3.20390	1.432829	87.22183	95.17817
Sample*Time Point(Obese (Y/N))	3	No	60	5	85.42000	4.95601	2.216393	79.26631	91.57369
Sample*Time Point(Obese (Y/N))	3	No	120	5	82.70000	1.74356	0.779744	80.53508	84.86492
Sample*Time Point(Obese (Y/N))	3	No	180	5	87.42000	2.37634	1.062732	84.46938	90.37062
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	80.50000	7.38140	3.301060	71.33479	89.66521
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	85.26000	8.27907	3.702513	74.98018	95.53982
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	85.66000	5.32663	2.382142	79.04611	92.27389
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	86.00000	5.55293	2.483345	79.10513	92.89487
Sample*Time Point(Obese (Y/N))	4	No	30	5	71.94000	5.15781	2.306643	65.53573	78.34427
Sample*Time Point(Obese (Y/N))	4	No	60	5	73.34000	12.15002	5.433654	58.25376	88.42624
Sample*Time Point(Obese (Y/N))	4	No	120	5	67.34000	3.81811	1.707513	62.59918	72.08082
Sample*Time Point(Obese (Y/N))	4	No	180	5	71.48000	5.37699	2.404662	64.80359	78.15641
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	74.72000	4.47739	2.002349	69.16059	80.27941
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	82.88000	7.71699	3.451145	73.29809	92.46191
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	69.90000	4.06079	1.816040	64.85787	74.94213
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	69.90000	6.06259	2.711273	62.37230	77.42770
Sample*Time Point(Obese (Y/N))	5	No	30	5	65.12000	6.22712	2.784852	57.38801	72.85199
Sample*Time Point(Obese (Y/N))	5	No	60	5	67.88000	6.77621	3.030413	59.46623	76.29377
Sample*Time Point(Obese (Y/N))	5	No	120	5	65.88000	4.30546	1.925461	60.53406	71.22594
Sample*Time Point(Obese (Y/N))	5	No	180	5	62.44000	15.04669	6.729086	43.75706	81.12294
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	86.02000	3.75193	1.677915	81.36136	90.67864
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	84.18000	2.21292	0.989646	81.43230	86.92770
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	86.76000	3.20593	1.433736	82.77931	90.74069
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	84.90000	2.38013	1.064425	81.94468	87.85532
Sample*Time Point(Obese (Y/N))	6	No	30	5	71.28000	6.18724	2.767020	63.59752	78.96248

Sample*Time Point(Obese (Y/N))	6	No	60	5	70.42000	6.87001	3.072361	61.88976	78.95024
Sample*Time Point(Obese (Y/N))	6	No	120	5	73.40000	9.96770	4.457690	61.02347	85.77653
Sample*Time Point(Obese (Y/N))	6	No	180	5	63.74000	6.37636	2.851596	55.82270	71.65730

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	P motile-prog - Mean	P motile-prog - Std.Dev.	P motile-prog - Std.Err	P motile-prog - -95.00%	P motile-prog - +95.00%
<b>Total</b>				220	4.50364	4.299940	0.289902	3.93228	5.07499
<b>Concentration_New</b>	0			44	6.10682	5.299644	0.798951	4.49558	7.71806
<b>Concentration_New</b>	1			44	5.34773	4.530182	0.682951	3.97043	6.72503
<b>Concentration_New</b>	2			44	4.37955	3.705595	0.558639	3.25294	5.50615
<b>Concentration_New</b>	3			44	3.74091	4.220675	0.636291	2.45771	5.02411
<b>Concentration_New</b>	4			44	2.94318	2.747972	0.414272	2.10772	3.77864
<b>Obese (Y/N)</b>	No			120	6.07250	4.857706	0.443446	5.19443	6.95057
<b>Obese (Y/N)</b>	Yes			100	2.62100	2.443970	0.244397	2.13606	3.10594
<b>Time Point</b>	30			55	5.47273	4.589459	0.618842	4.23202	6.71343
<b>Time Point</b>	60			55	5.43455	4.428160	0.597093	4.23745	6.63164
<b>Time Point</b>	120			55	4.02182	4.081698	0.550376	2.91838	5.12526
<b>Time Point</b>	180			55	3.08545	3.678185	0.495966	2.09110	4.07981
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	8.43333	5.931249	1.210711	5.92879	10.93788
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	3.31500	2.436407	0.544797	2.17473	4.45527
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	7.03750	5.034646	1.027693	4.91156	9.16344
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	3.32000	2.797668	0.625578	2.01065	4.62935
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	5.83750	3.801466	0.775971	4.23228	7.44272
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	2.63000	2.770541	0.619512	1.33335	3.92665

<b>Concentration_New*Obese (Y/N)</b>	3	No		24	5.35000	4.873709	0.994842	3.29201	7.40799
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	1.81000	2.089800	0.467293	0.83194	2.78806
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	3.70417	3.180577	0.649233	2.36113	5.04721
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	2.03000	1.798567	0.402172	1.18824	2.87176
<b>Concentration_New*Time Point</b>	0	30		11	6.37273	5.421456	1.634630	2.73054	10.01491
<b>Concentration_New*Time Point</b>	0	60		11	7.55455	5.922561	1.785719	3.57571	11.53338
<b>Concentration_New*Time Point</b>	0	120		11	6.48182	5.318048	1.603452	2.90910	10.05453
<b>Concentration_New*Time Point</b>	0	180		11	4.01818	4.547927	1.371251	0.96284	7.07352
<b>Concentration_New*Time Point</b>	1	30		11	6.97273	4.701934	1.417686	3.81393	10.13153
<b>Concentration_New*Time Point</b>	1	60		11	5.36364	3.248776	0.979543	3.18108	7.54619
<b>Concentration_New*Time Point</b>	1	120		11	5.11818	5.097415	1.536928	1.69369	8.54267
<b>Concentration_New*Time Point</b>	1	180		11	3.93636	4.944345	1.490776	0.61471	7.25802
<b>Concentration_New*Time Point</b>	2	30		11	5.41818	4.420140	1.332722	2.44869	8.38767
<b>Concentration_New*Time Point</b>	2	60		11	4.55455	3.764403	1.135010	2.02559	7.08351
<b>Concentration_New*Time Point</b>	2	120		11	3.98182	2.952226	0.890130	1.99849	5.96515
<b>Concentration_New*Time Point</b>	2	180		11	3.56364	3.807170	1.147905	1.00594	6.12133
<b>Concentration_New*Time Point</b>	3	30		11	4.48182	4.774059	1.439433	1.27456	7.68907
<b>Concentration_New*Time Point</b>	3	60		11	5.82727	5.365462	1.617748	2.22271	9.43184
<b>Concentration_New*Time Point</b>	3	120		11	2.62727	3.170202	0.955852	0.49750	4.75704
<b>Concentration_New*Time Point</b>	3	180		11	2.02727	2.232528	0.673133	0.52744	3.52711
<b>Concentration_New*Time Point</b>	4	30		11	4.11818	3.666556	1.105508	1.65496	6.58141
<b>Concentration_New*Time Point</b>	4	60		11	3.87273	2.939759	0.886371	1.89777	5.84768
<b>Concentration_New*Time Point</b>	4	120		11	1.90000	1.364551	0.411428	0.98328	2.81672
<b>Concentration_New*Time Point</b>	4	180		11	1.88182	1.902009	0.573477	0.60403	3.15960
<b>Obese (Y/N)*Time Point</b>	No	30		30	7.75333	4.710277	0.859975	5.99449	9.51218
<b>Obese (Y/N)*Time Point</b>	No	60		30	7.43667	4.639447	0.847043	5.70427	9.16906

<b>Obese (Y/N)*Time Point</b>	No	120		30	5.30667	4.609131	0.841508	3.58559	7.02774
<b>Obese (Y/N)*Time Point</b>	No	180		30	3.79333	4.587685	0.837593	2.08026	5.50640
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	2.73600	2.505973	0.501195	1.70159	3.77041
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	3.03200	2.662192	0.532438	1.93310	4.13090
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	2.48000	2.697375	0.539475	1.36658	3.59342
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	2.23600	1.905448	0.381090	1.44947	3.02253
<b>Sample(Obese (Y/N))</b>	1	No		20	2.21500	1.262527	0.282310	1.62412	2.80588
<b>Sample(Obese (Y/N))</b>	1	Yes		20	1.23000	1.321124	0.295412	0.61169	1.84831
<b>Sample(Obese (Y/N))</b>	2	No		20	6.37000	4.884142	1.092127	4.08415	8.65585
<b>Sample(Obese (Y/N))</b>	2	Yes		20	1.11500	1.059928	0.237007	0.61894	1.61106
<b>Sample(Obese (Y/N))</b>	3	No		20	6.76000	2.938385	0.657043	5.38479	8.13521
<b>Sample(Obese (Y/N))</b>	3	Yes		20	2.08000	1.611015	0.360234	1.32602	2.83398
<b>Sample(Obese (Y/N))</b>	4	No		20	6.48000	5.664441	1.266608	3.82896	9.13104
<b>Sample(Obese (Y/N))</b>	4	Yes		20	5.21500	2.943195	0.658118	3.83754	6.59246
<b>Sample(Obese (Y/N))</b>	5	No		20	3.93000	3.265788	0.730252	2.40156	5.45844
<b>Sample(Obese (Y/N))</b>	5	Yes		20	3.46500	2.104950	0.470681	2.47985	4.45015
<b>Sample(Obese (Y/N))</b>	6	No		20	10.68000	5.229934	1.169449	8.23232	13.12768
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	2.40000	1.564182	0.782091	-0.08896	4.88896
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	2.67500	2.027108	1.013554	-0.55058	5.90058
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	3.37500	1.417451	0.708725	1.11952	5.63048
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	1.02500	0.639661	0.319831	0.00716	2.04284
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	2.32500	0.684957	0.342479	1.23508	3.41492
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	1.05000	1.377195	0.688598	-1.14142	3.24142
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	1.82500	0.997914	0.498957	0.23710	3.41290
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	0.87500	0.596518	0.298259	-0.07419	1.82419
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	1.15000	0.776745	0.388373	-0.08598	2.38598

Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	0.52500	0.754431	0.377216	-0.67547	1.72547
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	12.50000	5.825805	2.912902	3.22984	21.77016
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	2.47500	0.718215	0.359108	1.33216	3.61784
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	5.35000	2.257580	1.128790	1.75769	8.94231
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	1.67500	1.123610	0.561805	-0.11291	3.46291
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	5.80000	5.175584	2.587792	-2.43551	14.03551
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	0.55000	0.404145	0.202073	-0.09309	1.19309
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	5.32500	3.047813	1.523907	0.47525	10.17475
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	0.57500	0.665207	0.332603	-0.48349	1.63349
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	2.87500	2.510478	1.255239	-1.11973	6.86973
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	0.30000	0.382971	0.191485	-0.30939	0.90939
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	9.07500	3.506542	1.753271	3.49531	14.65469
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	1.32500	0.543906	0.271953	0.45952	2.19048
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	8.40000	2.108712	1.054356	5.04457	11.75543
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	1.27500	0.991211	0.495606	-0.30224	2.85224
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	6.32500	2.099802	1.049901	2.98375	9.66625
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	3.87500	2.090255	1.045128	0.54894	7.20106
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	5.75000	3.347138	1.673569	0.42396	11.07604
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	1.50000	1.620699	0.810350	-1.07889	4.07889
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	4.25000	1.258306	0.629153	2.24775	6.25225
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	2.42500	1.278997	0.639499	0.38983	4.46017
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	4.30000	2.524546	1.262273	0.28288	8.31712
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	5.57500	3.623419	1.811710	-0.19067	11.34067
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	7.50000	5.923963	2.961981	-1.92635	16.92635
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	6.85000	1.887679	0.943840	3.84628	9.85372
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	6.37500	4.108021	2.054010	-0.16178	12.91178



Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	6.55000	2.573584	1.286792	2.45485	10.64515
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	9.27500	9.653108	4.826554	-6.08525	24.63525
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	3.17500	3.681825	1.840912	-2.68360	9.03360
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	4.95000	5.514526	2.757263	-3.82484	13.72484
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	3.92500	2.027108	1.013554	0.69942	7.15058
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	5.72500	3.363902	1.681951	0.37228	11.07772
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	4.52500	2.003954	1.001977	1.33626	7.71374
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	2.80000	2.102380	1.051190	-0.54536	6.14536
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	5.77500	1.579821	0.789910	3.26115	8.28885
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	4.97500	4.925698	2.462849	-2.86288	12.81288
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	1.12500	0.942956	0.471478	-0.37545	2.62545
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	3.17500	3.996978	1.998489	-3.18508	9.53508
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	2.92500	1.791415	0.895707	0.07446	5.77554
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	2.97500	1.463728	0.731864	0.64588	5.30412
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	2.97500	0.910586	0.455293	1.52605	4.42395
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	16.60000	3.274141	1.637071	11.39011	21.80989
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	14.80000	3.813135	1.906568	8.73245	20.86755
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	9.22500	2.131314	1.065657	5.83360	12.61640
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	6.75000	2.284002	1.142001	3.11564	10.38436
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	6.02500	4.067247	2.033624	-0.44690	12.49690
Sample*Time Point(Obese (Y/N))	1	No	30	5	2.58000	1.289186	0.576541	0.97926	4.18074
Sample*Time Point(Obese (Y/N))	1	No	60	5	3.26000	1.244186	0.556417	1.71514	4.80486
Sample*Time Point(Obese (Y/N))	1	No	120	5	2.02000	0.460435	0.205913	1.44829	2.59171
Sample*Time Point(Obese (Y/N))	1	No	180	5	1.00000	0.851469	0.380789	-0.05724	2.05724
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	2.10000	1.806931	0.808084	-0.14360	4.34360
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	1.62000	1.512283	0.676314	-0.25775	3.49775

Sample*Time Point(Obese (Y/N))	1	Yes	120	5	0.70000	0.543139	0.242899	0.02560	1.37440
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	0.50000	0.538516	0.240832	-0.16866	1.16866
Sample*Time Point(Obese (Y/N))	2	No	30	5	10.62000	4.575697	2.046314	4.93852	16.30148
Sample*Time Point(Obese (Y/N))	2	No	60	5	7.00000	4.870832	2.178302	0.95206	13.04794
Sample*Time Point(Obese (Y/N))	2	No	120	5	5.72000	4.525152	2.023709	0.10128	11.33872
Sample*Time Point(Obese (Y/N))	2	No	180	5	2.14000	1.484251	0.663777	0.29706	3.98294
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	1.44000	0.712741	0.318748	0.55501	2.32499
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	1.26000	1.551773	0.693974	-0.66678	3.18678
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	0.60000	0.717635	0.320936	-0.29106	1.49106
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	1.16000	1.188697	0.531601	-0.31596	2.63596
Sample*Time Point(Obese (Y/N))	3	No	30	5	5.60000	2.179449	0.974679	2.89386	8.30614
Sample*Time Point(Obese (Y/N))	3	No	60	5	5.22000	2.492388	1.114630	2.12529	8.31471
Sample*Time Point(Obese (Y/N))	3	No	120	5	8.12000	3.246075	1.451689	4.08947	12.15053
Sample*Time Point(Obese (Y/N))	3	No	180	5	8.10000	3.210919	1.435967	4.11312	12.08688
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	1.02000	0.679706	0.303974	0.17603	1.86397
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	2.50000	1.508310	0.674537	0.62719	4.37281
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	2.16000	1.970533	0.881249	-0.28674	4.60674
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	2.64000	1.919114	0.858254	0.25710	5.02290
Sample*Time Point(Obese (Y/N))	4	No	30	5	11.42000	4.048086	1.810359	6.39364	16.44636
Sample*Time Point(Obese (Y/N))	4	No	60	5	10.80000	4.847680	2.167948	4.78081	16.81919
Sample*Time Point(Obese (Y/N))	4	No	120	5	2.34000	1.680179	0.751399	0.25378	4.42622
Sample*Time Point(Obese (Y/N))	4	No	180	5	1.36000	1.293445	0.578446	-0.24602	2.96602
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	6.28000	2.504396	1.120000	3.17038	9.38962
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	6.04000	3.433366	1.535448	1.77691	10.30309
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	4.60000	3.529873	1.578607	0.21708	8.98292
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	3.94000	2.419297	1.081943	0.93605	6.94395

Sample*Time Point(Obese (Y/N))	5	No	30	5	4.74000	0.288097	0.128841	4.38228	5.09772
Sample*Time Point(Obese (Y/N))	5	No	60	5	6.94000	3.535958	1.581329	2.54953	11.33047
Sample*Time Point(Obese (Y/N))	5	No	120	5	3.34000	3.387182	1.514794	-0.86574	7.54574
Sample*Time Point(Obese (Y/N))	5	No	180	5	0.70000	0.989949	0.442719	-0.52918	1.92918
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	2.84000	2.274423	1.017153	0.01593	5.66407
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	3.74000	2.249000	1.005783	0.94750	6.53250
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	4.34000	2.837781	1.269094	0.81643	7.86357
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	2.94000	0.937017	0.419047	1.77654	4.10346
Sample*Time Point(Obese (Y/N))	6	No	30	5	11.56000	4.609013	2.061213	5.83715	17.28285
Sample*Time Point(Obese (Y/N))	6	No	60	5	11.40000	5.127865	2.293251	5.03291	17.76709
Sample*Time Point(Obese (Y/N))	6	No	120	5	10.30000	6.155079	2.752635	2.65746	17.94254
Sample*Time Point(Obese (Y/N))	6	No	180	5	9.46000	6.390853	2.858076	1.52471	17.39529

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Rapid-vel - Mean	Rapid-vel - Std.Dev.	Rapid-vel - Std.Err	Rapid-vel - -95.00%	Rapid-vel - +95.00%
Total				220	7.20000	8.02495	0.541042	6.13368	8.26632
Concentration_New	0			44	9.97273	10.96397	1.652880	6.63938	13.30608
Concentration_New	1			44	8.02045	8.90308	1.342191	5.31367	10.72724
Concentration_New	2			44	6.69091	6.97613	1.051692	4.56997	8.81185
Concentration_New	3			44	6.20227	5.65046	0.851839	4.48438	7.92017
Concentration_New	4			44	5.11364	5.79902	0.874235	3.35057	6.87670
Obese (Y/N)	No			120	9.31500	9.52365	0.869386	7.59353	11.03647
Obese (Y/N)	Yes			100	4.66200	4.63772	0.463772	3.74178	5.58222
Time Point	30			55	8.74909	7.49595	1.010753	6.72265	10.77553

<b>Time Point</b>	60			55	7.76000	8.18064	1.103077	5.54846	9.97154
<b>Time Point</b>	120			55	6.90727	8.64227	1.165323	4.57094	9.24361
<b>Time Point</b>	180			55	5.38364	7.56076	1.019493	3.33968	7.42760
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	14.31667	12.94408	2.642200	8.85086	19.78247
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	4.76000	4.09755	0.916239	2.84229	6.67771
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	11.16667	10.56943	2.157475	6.70359	15.62974
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	4.24500	4.08044	0.912414	2.33530	6.15470
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	9.15417	7.92179	1.617029	5.80909	12.49925
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	3.73500	4.16075	0.930373	1.78771	5.68229
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	6.97500	6.35919	1.298065	4.28975	9.66025
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	5.27500	4.65243	1.040316	3.09759	7.45241
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	4.96250	5.62377	1.147947	2.58779	7.33721
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	5.29500	6.14479	1.374016	2.41915	8.17085
<b>Concentration_New*Time Point</b>	0	30		11	10.02727	8.25434	2.488778	4.48193	15.57262
<b>Concentration_New*Time Point</b>	0	60		11	12.04545	13.46947	4.061199	2.99654	21.09437
<b>Concentration_New*Time Point</b>	0	120		11	9.97273	13.08404	3.944987	1.18275	18.76271
<b>Concentration_New*Time Point</b>	0	180		11	7.84545	9.29714	2.803192	1.59955	14.09136
<b>Concentration_New*Time Point</b>	1	30		11	11.09091	9.37075	2.825387	4.79556	17.38626
<b>Concentration_New*Time Point</b>	1	60		11	7.17273	7.16674	2.160854	2.35804	11.98741
<b>Concentration_New*Time Point</b>	1	120		11	8.24545	9.80555	2.956483	1.65800	14.83291
<b>Concentration_New*Time Point</b>	1	180		11	5.57273	9.36537	2.823766	-0.71901	11.86447
<b>Concentration_New*Time Point</b>	2	30		11	7.60909	6.89311	2.078350	2.97824	12.23994
<b>Concentration_New*Time Point</b>	2	60		11	5.55455	4.43314	1.336642	2.57632	8.53277
<b>Concentration_New*Time Point</b>	2	120		11	7.16364	7.11411	2.144985	2.38431	11.94296
<b>Concentration_New*Time Point</b>	2	180		11	6.43636	9.42457	2.841615	0.10485	12.76788
<b>Concentration_New*Time Point</b>	3	30		11	8.56364	6.55092	1.975177	4.16267	12.96460

<b>Concentration_New*Time Point</b>	3	60		11	7.11818	5.76070	1.736916	3.24809	10.98827
<b>Concentration_New*Time Point</b>	3	120		11	5.56364	5.79901	1.748468	1.66781	9.45947
<b>Concentration_New*Time Point</b>	3	180		11	3.56364	3.52087	1.061583	1.19828	5.92899
<b>Concentration_New*Time Point</b>	4	30		11	6.45455	6.47756	1.953057	2.10286	10.80623
<b>Concentration_New*Time Point</b>	4	60		11	6.90909	6.96957	2.101404	2.22687	11.59131
<b>Concentration_New*Time Point</b>	4	120		11	3.59091	5.02761	1.515883	0.21331	6.96851
<b>Concentration_New*Time Point</b>	4	180		11	3.50000	4.22540	1.274006	0.66134	6.33866
<b>Obese (Y/N)*Time Point</b>	No	30		30	11.65000	8.13514	1.485267	8.61229	14.68771
<b>Obese (Y/N)*Time Point</b>	No	60		30	9.24000	9.55743	1.744941	5.67120	12.80880
<b>Obese (Y/N)*Time Point</b>	No	120		30	9.45333	10.63046	1.940848	5.48385	13.42281
<b>Obese (Y/N)*Time Point</b>	No	180		30	6.91667	9.48865	1.732383	3.37355	10.45979
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	5.26800	4.82862	0.965725	3.27484	7.26116
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	5.98400	5.84620	1.169240	3.57081	8.39719
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	3.85200	3.69776	0.739552	2.32564	5.37836
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	3.54400	3.65605	0.731211	2.03485	5.05315
<b>Sample(Obese (Y/N))</b>	1	No		20	2.83500	1.33151	0.297735	2.21183	3.45817
<b>Sample(Obese (Y/N))</b>	1	Yes		20	1.48000	1.40473	0.314107	0.82257	2.13743
<b>Sample(Obese (Y/N))</b>	2	No		20	6.02500	5.01733	1.121908	3.67682	8.37318
<b>Sample(Obese (Y/N))</b>	2	Yes		20	1.94000	1.49364	0.333987	1.24096	2.63904
<b>Sample(Obese (Y/N))</b>	3	No		20	15.03000	7.22708	1.616023	11.64762	18.41238
<b>Sample(Obese (Y/N))</b>	3	Yes		20	4.53500	3.38670	0.757290	2.94997	6.12003
<b>Sample(Obese (Y/N))</b>	4	No		20	6.58500	5.35215	1.196778	4.08011	9.08989
<b>Sample(Obese (Y/N))</b>	4	Yes		20	7.93000	6.31148	1.411291	4.97613	10.88387
<b>Sample(Obese (Y/N))</b>	5	No		20	4.18500	3.61376	0.808061	2.49371	5.87629
<b>Sample(Obese (Y/N))</b>	5	Yes		20	7.42500	4.33697	0.969777	5.39523	9.45477
<b>Sample(Obese (Y/N))</b>	6	No		20	21.23000	13.12347	2.934496	15.08803	27.37197

Sample*Concentration_New(Obese (Y/N))	1	0	No	4	3.00000	1.66933	0.834666	0.34372	5.65628
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	2.97500	2.35142	1.175709	-0.76663	6.71663
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	3.70000	1.81292	0.906458	0.81525	6.58475
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	1.45000	0.78528	0.392641	0.20044	2.69956
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	3.27500	0.43493	0.217466	2.58292	3.96708
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	0.65000	0.76811	0.384057	-0.57224	1.87224
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	2.57500	1.12953	0.564764	0.77767	4.37233
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	1.65000	0.58023	0.290115	0.72672	2.57328
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	1.62500	0.59652	0.298259	0.67581	2.57419
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	0.67500	0.78899	0.394493	-0.58045	1.93045
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	11.87500	5.20152	2.600761	3.59822	20.15178
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	2.65000	1.57797	0.788987	0.13909	5.16091
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	5.45000	4.02534	2.012668	-0.95521	11.85521
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	2.07500	1.26326	0.631631	0.06487	4.08513
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	6.00000	4.44597	2.222986	-1.07453	13.07453
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	1.00000	0.73485	0.367423	-0.16931	2.16931
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	5.25000	4.35163	2.175814	-1.67441	12.17441
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	2.82500	2.17466	1.087332	-0.63538	6.28538
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	1.55000	1.97400	0.986999	-1.59107	4.69107
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	1.15000	1.01160	0.505800	-0.45968	2.75968
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	18.80000	4.66762	2.333809	11.37278	26.22722
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	3.47500	1.86257	0.931285	0.51124	6.43876
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	15.50000	8.01291	4.006453	2.74968	28.25032
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	2.97500	2.38939	1.194693	-0.82705	6.77705
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	17.37500	10.69435	5.347176	0.35790	34.39210
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	5.00000	2.01163	1.005816	1.79904	8.20096

Sample*Concentration_New(Obese (Y/N))	3	3	No	4	13.30000	8.08991	4.044956	0.42715	26.17285
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	3.67500	3.11274	1.556371	-1.27807	8.62807
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	10.17500	1.72892	0.864460	7.42390	12.92610
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	7.55000	5.62050	2.810249	-1.39347	16.49347
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	6.45000	3.47419	1.737095	0.92179	11.97821
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	8.65000	6.67158	3.335791	-1.96597	19.26597
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	8.62500	6.03400	3.017000	-0.97644	18.22644
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	6.20000	5.89746	2.948729	-3.18417	15.58417
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	5.77500	1.96193	0.980965	2.65313	8.89687
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	8.87500	6.55102	3.275509	-1.54913	19.29913
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	7.80000	9.01998	4.509989	-6.55280	22.15280
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	7.72500	6.83587	3.417937	-3.15240	18.60240
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	4.27500	5.67472	2.837362	-4.75475	13.30475
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	8.20000	8.79356	4.396779	-5.79251	22.19251
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	7.92500	2.51446	1.257229	3.92394	11.92606
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	6.05000	3.94419	1.972097	-0.22609	12.32609
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	3.52500	2.40191	1.200954	-0.29697	7.34697
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	8.52500	3.79243	1.896213	2.49040	14.55960
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	4.12500	4.52650	2.263248	-3.07767	11.32767
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	3.15000	1.03441	0.517204	1.50403	4.79597
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	4.07500	3.85778	1.928892	-2.06360	10.21360
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	10.50000	1.50333	0.751665	8.10787	12.89213
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	1.27500	2.16852	1.084262	-2.17561	4.72561
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	8.90000	6.46890	3.234450	-1.39346	19.19346
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	37.85000	11.55898	5.779490	19.45708	56.24292
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	30.20000	4.25989	2.129945	23.42156	36.97844

Sample*Concentration_New(Obese (Y/N))	6	2	No	4	18.37500	3.26841	1.634205	13.17423	23.57577
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	8.85000	5.31068	2.655341	0.39952	17.30048
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	10.87500	8.14550	4.072750	-2.08631	23.83631
Sample*Time Point(Obese (Y/N))	1	No	30	5	3.74000	1.54370	0.690362	1.82325	5.65675
Sample*Time Point(Obese (Y/N))	1	No	60	5	3.10000	1.31909	0.589915	1.46213	4.73787
Sample*Time Point(Obese (Y/N))	1	No	120	5	2.44000	0.72664	0.324962	1.53776	3.34224
Sample*Time Point(Obese (Y/N))	1	No	180	5	2.06000	1.30882	0.585320	0.43489	3.68511
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	2.40000	2.43516	1.089036	-0.62365	5.42365
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	1.22000	0.88994	0.397995	0.11499	2.32501
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	1.20000	0.73824	0.330151	0.28335	2.11665
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	1.10000	0.82765	0.370135	0.07234	2.12766
Sample*Time Point(Obese (Y/N))	2	No	30	5	10.66000	4.47750	2.002399	5.10045	16.21955
Sample*Time Point(Obese (Y/N))	2	No	60	5	5.46000	4.73740	2.118632	-0.42226	11.34226
Sample*Time Point(Obese (Y/N))	2	No	120	5	6.38000	4.68690	2.096044	0.56045	12.19955
Sample*Time Point(Obese (Y/N))	2	No	180	5	1.60000	1.79722	0.803741	-0.63154	3.83154
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	2.16000	1.79527	0.802870	-0.06912	4.38912
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	2.48000	1.31985	0.590254	0.84119	4.11881
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	1.56000	1.49097	0.666783	-0.29129	3.41129
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	1.56000	1.61957	0.724293	-0.45096	3.57096
Sample*Time Point(Obese (Y/N))	3	No	30	5	14.76000	3.69770	1.653663	10.16870	19.35130
Sample*Time Point(Obese (Y/N))	3	No	60	5	7.78000	3.85902	1.725804	2.98840	12.57160
Sample*Time Point(Obese (Y/N))	3	No	120	5	19.12000	5.51879	2.468076	12.26752	25.97248
Sample*Time Point(Obese (Y/N))	3	No	180	5	18.46000	9.36285	4.187195	6.83448	30.08552
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	3.00000	2.32487	1.039711	0.11330	5.88670
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	4.06000	1.78550	0.798499	1.84301	6.27699
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	6.84000	5.62566	2.515870	-0.14517	13.82517





<b>Total</b>				220	11.89136	7.79438	0.525497	10.85568	12.92704
<b>Concentration_New</b>	0			44	13.12955	7.57353	1.141753	10.82698	15.43211
<b>Concentration_New</b>	1			44	13.14091	8.63937	1.302434	10.51430	15.76752
<b>Concentration_New</b>	2			44	12.41818	7.43431	1.120764	10.15795	14.67842
<b>Concentration_New</b>	3			44	10.85682	7.60004	1.145750	8.54619	13.16744
<b>Concentration_New</b>	4			44	9.91136	7.47191	1.126432	7.63970	12.18303
<b>Obese (Y/N)</b>	No			120	13.83667	7.96862	0.727433	12.39628	15.27706
<b>Obese (Y/N)</b>	Yes			100	9.55700	6.92628	0.692628	8.18268	10.93132
<b>Time Point</b>	30			55	13.96000	8.07634	1.089013	11.77666	16.14334
<b>Time Point</b>	60			55	13.14545	7.67296	1.034622	11.07116	15.21975
<b>Time Point</b>	120			55	11.15091	7.20347	0.971315	9.20354	13.09828
<b>Time Point</b>	180			55	9.30909	7.55531	1.018758	7.26660	11.35158
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	15.57500	7.89118	1.610779	12.24285	18.90715
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	10.19500	6.14915	1.374992	7.31711	13.07289
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	15.19167	9.05279	1.847893	11.36901	19.01432
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	10.68000	7.61747	1.703319	7.11491	14.24509
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	14.73333	6.96161	1.421033	11.79370	17.67296
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	9.64000	7.17777	1.604999	6.28070	12.99930
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	12.80000	7.60469	1.552301	9.58882	16.01118
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	8.52500	7.08675	1.584645	5.20830	11.84170
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	10.88333	7.86692	1.605828	7.56143	14.20524
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	8.74500	6.98626	1.562176	5.47533	12.01467
<b>Concentration_New*Time Point</b>	0	30		11	13.94545	6.96496	2.100016	9.26633	18.62458
<b>Concentration_New*Time Point</b>	0	60		11	14.60000	9.27944	2.797856	8.36599	20.83401
<b>Concentration_New*Time Point</b>	0	120		11	14.15455	7.80517	2.353348	8.91096	19.39813
<b>Concentration_New*Time Point</b>	0	180		11	9.81818	5.89692	1.777988	5.85658	13.77978

<b>Concentration_New*Time Point</b>	1	30		11	16.10000	9.35799	2.821541	9.81322	22.38678
<b>Concentration_New*Time Point</b>	1	60		11	13.77273	8.55828	2.580419	8.02320	19.52226
<b>Concentration_New*Time Point</b>	1	120		11	13.25455	9.06503	2.733209	7.16458	19.34451
<b>Concentration_New*Time Point</b>	1	180		11	9.43636	7.26461	2.190362	4.55593	14.31679
<b>Concentration_New*Time Point</b>	2	30		11	14.10909	7.47883	2.254952	9.08474	19.13344
<b>Concentration_New*Time Point</b>	2	60		11	13.27273	7.66291	2.310454	8.12471	18.42074
<b>Concentration_New*Time Point</b>	2	120		11	10.22727	5.47688	1.651341	6.54786	13.90669
<b>Concentration_New*Time Point</b>	2	180		11	12.06364	9.14552	2.757478	5.91959	18.20768
<b>Concentration_New*Time Point</b>	3	30		11	13.49091	8.81640	2.658245	7.56797	19.41385
<b>Concentration_New*Time Point</b>	3	60		11	13.47273	7.16688	2.160896	8.65795	18.28750
<b>Concentration_New*Time Point</b>	3	120		11	8.71818	5.72151	1.725099	4.87442	12.56194
<b>Concentration_New*Time Point</b>	3	180		11	7.74545	7.46343	2.250308	2.73146	12.75945
<b>Concentration_New*Time Point</b>	4	30		11	12.15455	8.57862	2.586551	6.39135	17.91774
<b>Concentration_New*Time Point</b>	4	60		11	10.60909	6.20588	1.871142	6.43993	14.77826
<b>Concentration_New*Time Point</b>	4	120		11	9.40000	6.98327	2.105534	4.70858	14.09142
<b>Concentration_New*Time Point</b>	4	180		11	7.48182	8.14516	2.455858	2.00983	12.95381
<b>Obese (Y/N)*Time Point</b>	No	30		30	17.97667	7.76516	1.417718	15.07711	20.87623
<b>Obese (Y/N)*Time Point</b>	No	60		30	15.85000	7.55836	1.379961	13.02766	18.67234
<b>Obese (Y/N)*Time Point</b>	No	120		30	11.43000	5.88822	1.075037	9.23130	13.62870
<b>Obese (Y/N)*Time Point</b>	No	180		30	10.09000	8.12588	1.483576	7.05575	13.12425
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	9.14000	5.43453	1.086907	6.89673	11.38327
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	9.90000	6.58192	1.316384	7.18312	12.61688
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	10.81600	8.63967	1.727934	7.24972	14.38228
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	8.37200	6.85368	1.370736	5.54294	11.20106
<b>Sample(Obese (Y/N))</b>	1	No		20	8.62000	3.85372	0.861718	6.81640	10.42360
<b>Sample(Obese (Y/N))</b>	1	Yes		20	5.06000	3.00498	0.671934	3.65363	6.46637

Sample(Obese (Y/N))	2	No		20	9.93000	4.28524	0.958208	7.92445	11.93555
Sample(Obese (Y/N))	2	Yes		20	3.20500	2.43126	0.543646	2.06714	4.34286
Sample(Obese (Y/N))	3	No		20	23.42000	7.17962	1.605412	20.05983	26.78017
Sample(Obese (Y/N))	3	Yes		20	10.30000	5.68673	1.271592	7.63853	12.96147
Sample(Obese (Y/N))	4	No		20	14.12000	9.10070	2.034978	9.86074	18.37926
Sample(Obese (Y/N))	4	Yes		20	12.05000	5.95054	1.330582	9.26506	14.83494
Sample(Obese (Y/N))	5	No		20	11.84000	7.66368	1.713651	8.25329	15.42671
Sample(Obese (Y/N))	5	Yes		20	17.17000	5.94874	1.330178	14.38591	19.95409
Sample(Obese (Y/N))	6	No		20	15.09000	4.90595	1.097003	12.79395	17.38605
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	7.52500	3.20663	1.603317	2.42253	12.62747
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	8.25000	3.03150	1.515751	3.42620	13.07380
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	8.70000	3.10269	1.551344	3.76293	13.63707
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	5.90000	3.05614	1.528071	1.03700	10.76300
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	11.67500	2.67504	1.337519	7.41842	15.93158
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	5.15000	2.74408	1.372042	0.78355	9.51645
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	8.95000	4.59746	2.298732	1.63441	16.26559
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	3.90000	1.20277	0.601387	1.98612	5.81388
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	6.25000	4.91630	2.458150	-1.57293	14.07293
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	2.10000	1.29872	0.649359	0.03345	4.16655
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	14.35000	2.13620	1.068098	10.95084	17.74916
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	5.15000	1.25831	0.629153	3.14775	7.15225
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	9.15000	1.90875	0.954376	6.11275	12.18725
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	3.90000	3.93870	1.969348	-2.36735	10.16735
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	11.87500	5.55060	2.775300	3.04276	20.70724
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	2.45000	1.79165	0.895824	-0.40091	5.30091
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	9.30000	1.34660	0.673300	7.15726	11.44274

Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	1.10000	0.63770	0.318852	0.08527	2.11473
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	4.97500	3.20975	1.604875	-0.13243	10.08243
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	3.42500	2.07425	1.037123	0.12441	6.72559
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	25.95000	5.41941	2.709705	17.32651	34.57349
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	9.12500	2.93414	1.467069	4.45613	13.79387
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	26.77500	7.76590	3.882949	14.41772	39.13228
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	6.07500	3.36588	1.682941	0.71913	11.43087
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	21.27500	9.14308	4.571538	6.72633	35.82367
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	13.02500	6.03345	3.016724	3.42444	22.62556
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	21.25000	6.21691	3.108456	11.35751	31.14249
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	10.60000	6.70274	3.351368	-0.06555	21.26555
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	21.85000	8.67737	4.338683	8.04238	35.65762
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	12.67500	7.76933	3.884665	0.31226	25.03774
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	12.32500	6.51633	3.258163	1.95607	22.69393
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	8.95000	4.53468	2.267341	1.73431	16.16569
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	16.07500	11.90053	5.950263	-2.86139	35.01139
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	18.90000	4.03567	2.017837	12.47834	25.32166
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	14.82500	7.20064	3.600318	3.36718	26.28282
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	13.67500	6.28616	3.143081	3.67231	23.67769
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	14.97500	13.46362	6.731812	-6.44863	36.39863
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	10.22500	5.22964	2.614822	1.90347	18.54653
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	12.40000	9.61076	4.805379	-2.89286	27.69286
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	8.50000	4.51664	2.258318	1.31302	15.68698
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	14.02500	10.92776	5.463878	-3.36350	31.41350
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	19.50000	6.44308	3.221542	9.24762	29.75238
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	9.77500	6.13372	3.066859	0.01489	19.53511

Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	18.62500	4.55439	2.277197	11.37794	25.87206
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	17.50000	8.53112	4.265560	3.92509	31.07491
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	13.90000	9.09102	4.545511	-0.56584	28.36584
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	10.15000	7.18169	3.590845	-1.27767	21.57767
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	16.80000	6.40469	3.202343	6.60872	26.99128
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	7.75000	3.11395	1.556974	2.79502	12.70498
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	17.02500	3.69718	1.848592	11.14196	22.90804
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	19.27500	1.96193	0.980965	16.15313	22.39687
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	20.67500	3.38760	1.693800	15.28457	26.06543
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	11.25000	4.30697	2.153486	4.39665	18.10335
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	12.17500	1.19826	0.599131	10.26830	14.08170
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	12.07500	3.01151	1.505753	7.28302	16.86698
Sample*Time Point(Obese (Y/N))	1	No	30	5	12.52000	2.06325	0.922713	9.95814	15.08186
Sample*Time Point(Obese (Y/N))	1	No	60	5	8.80000	3.54119	1.583667	4.40304	13.19696
Sample*Time Point(Obese (Y/N))	1	No	120	5	8.08000	2.75808	1.233450	4.65539	11.50461
Sample*Time Point(Obese (Y/N))	1	No	180	5	5.08000	3.32521	1.487078	0.95121	9.20879
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	6.62000	3.83106	1.713301	1.86311	11.37689
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	5.50000	2.72121	1.216963	2.12117	8.87883
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	5.30000	3.18041	1.422322	1.35100	9.24900
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	2.82000	1.03296	0.461952	1.53741	4.10259
Sample*Time Point(Obese (Y/N))	2	No	30	5	12.80000	4.75289	2.125559	6.89850	18.70150
Sample*Time Point(Obese (Y/N))	2	No	60	5	10.16000	2.05743	0.920109	7.60537	12.71463
Sample*Time Point(Obese (Y/N))	2	No	120	5	9.74000	4.90744	2.194675	3.64660	15.83340
Sample*Time Point(Obese (Y/N))	2	No	180	5	7.02000	3.91497	1.750828	2.15892	11.88108
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	4.74000	2.90396	1.298692	1.13425	8.34575
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	2.36000	1.54855	0.692532	0.43722	4.28278

Sample*Time Point(Obese (Y/N))	2	Yes	120	5	3.02000	2.32637	1.040385	0.13143	5.90857
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	2.70000	2.76315	1.235718	-0.73090	6.13090
Sample*Time Point(Obese (Y/N))	3	No	30	5	28.50000	3.95158	1.767201	23.59346	33.40654
Sample*Time Point(Obese (Y/N))	3	No	60	5	23.00000	8.59244	3.842655	12.33108	33.66892
Sample*Time Point(Obese (Y/N))	3	No	120	5	17.44000	6.81344	3.047064	8.97999	25.90001
Sample*Time Point(Obese (Y/N))	3	No	180	5	24.74000	5.44270	2.434050	17.98199	31.49801
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	7.46000	2.53041	1.131636	4.31807	10.60193
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	11.36000	5.78904	2.588938	4.17196	18.54804
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	14.42000	6.53735	2.923594	6.30280	22.53720
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	7.96000	5.60428	2.506312	1.00136	14.91864
Sample*Time Point(Obese (Y/N))	4	No	30	5	25.96000	5.22427	2.336365	19.47321	32.44679
Sample*Time Point(Obese (Y/N))	4	No	60	5	16.78000	5.07711	2.270551	10.47594	23.08406
Sample*Time Point(Obese (Y/N))	4	No	120	5	8.44000	3.52463	1.576261	4.06360	12.81640
Sample*Time Point(Obese (Y/N))	4	No	180	5	5.30000	2.50400	1.119821	2.19088	8.40912
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	9.70000	3.68307	1.647119	5.12687	14.27313
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	14.44000	3.90679	1.747169	9.58908	19.29092
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	11.78000	10.20720	4.564800	-0.89392	24.45392
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	12.28000	4.58007	2.048268	6.59310	17.96690
Sample*Time Point(Obese (Y/N))	5	No	30	5	12.52000	4.44657	1.988567	6.99885	18.04115
Sample*Time Point(Obese (Y/N))	5	No	60	5	20.28000	9.09654	4.068095	8.98516	31.57484
Sample*Time Point(Obese (Y/N))	5	No	120	5	9.78000	2.96850	1.327554	6.09412	13.46588
Sample*Time Point(Obese (Y/N))	5	No	180	5	4.78000	3.22754	1.443399	0.77248	8.78752
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	17.18000	4.15536	1.858333	12.02044	22.33956
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	15.84000	5.79250	2.590483	8.64767	23.03233
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	19.56000	7.64448	3.418713	10.06813	29.05187
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	16.10000	6.93181	3.100000	7.49302	24.70698

Sample*Time Point(Obese (Y/N))	6	No	30	5	15.56000	3.78193	1.691331	10.86411	20.25589
Sample*Time Point(Obese (Y/N))	6	No	60	5	16.08000	4.78299	2.139018	10.14113	22.01887
Sample*Time Point(Obese (Y/N))	6	No	120	5	15.10000	7.60625	3.401617	5.65560	24.54440
Sample*Time Point(Obese (Y/N))	6	No	180	5	13.62000	3.88420	1.737066	8.79713	18.44287

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Slow-vel - Mean	Slow-vel - Std.Dev.	Slow-vel - Std.Err	Slow-vel - -95.00%	Slow-vel - +95.00%
<b>Total</b>				220	58.76773	10.24542	0.690746	57.40637	60.12909
<b>Concentration_New</b>	0			44	57.04545	11.46644	1.728631	53.55934	60.53157
<b>Concentration_New</b>	1			44	56.64773	11.83394	1.784033	53.04988	60.24557
<b>Concentration_New</b>	2			44	57.28864	10.29218	1.551604	54.15953	60.41774
<b>Concentration_New</b>	3			44	60.74773	7.89184	1.189740	58.34839	63.14707
<b>Concentration_New</b>	4			44	62.10909	8.34070	1.257409	59.57328	64.64490
<b>Obese (Y/N)</b>	No			120	54.54917	10.03492	0.916059	52.73528	56.36305
<b>Obese (Y/N)</b>	Yes			100	63.83000	7.98145	0.798145	62.24631	65.41369
<b>Time Point</b>	30			55	56.72000	9.32667	1.257608	54.19865	59.24135
<b>Time Point</b>	60			55	58.20000	10.60571	1.430074	55.33287	61.06713
<b>Time Point</b>	120			55	58.61091	9.54414	1.286932	56.03077	61.19105
<b>Time Point</b>	180			55	61.54000	11.07680	1.493595	58.54552	64.53448
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	51.01250	10.06333	2.054170	46.76313	55.26187
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	64.28500	8.59206	1.921242	60.26379	68.30621
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	51.25833	10.78997	2.202493	46.70213	55.81454
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	63.11500	9.76154	2.182747	58.54646	67.68354
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	52.97917	9.47606	1.934292	48.97778	56.98055



<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	62.46000	8.91205	1.992795	58.28903	66.63097
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	57.08333	7.23882	1.477619	54.02665	60.14002
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	65.14500	6.34072	1.417828	62.17745	68.11255
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	60.41250	9.57194	1.953864	56.37062	64.45438
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	64.14500	6.20742	1.388022	61.23984	67.05016
<b>Concentration_New*Time Point</b>	0	30		11	56.33636	10.45048	3.150938	49.31564	63.35709
<b>Concentration_New*Time Point</b>	0	60		11	54.49091	13.09752	3.949049	45.69188	63.28994
<b>Concentration_New*Time Point</b>	0	120		11	55.89091	12.62865	3.807683	47.40686	64.37495
<b>Concentration_New*Time Point</b>	0	180		11	61.46364	9.71857	2.930258	54.93461	67.99266
<b>Concentration_New*Time Point</b>	1	30		11	54.43636	11.51619	3.472261	46.69968	62.17304
<b>Concentration_New*Time Point</b>	1	60		11	55.75455	9.62584	2.902299	49.28782	62.22127
<b>Concentration_New*Time Point</b>	1	120		11	54.13636	10.15512	3.061885	47.31406	60.95867
<b>Concentration_New*Time Point</b>	1	180		11	62.26364	15.02959	4.531592	52.16662	72.36065
<b>Concentration_New*Time Point</b>	2	30		11	55.95455	8.37751	2.525915	50.32646	61.58264
<b>Concentration_New*Time Point</b>	2	60		11	59.76364	11.79748	3.557074	51.83798	67.68929
<b>Concentration_New*Time Point</b>	2	120		11	57.01818	6.55146	1.975340	52.61685	61.41951
<b>Concentration_New*Time Point</b>	2	180		11	56.41818	13.91401	4.195231	47.07062	65.76574
<b>Concentration_New*Time Point</b>	3	30		11	58.40909	8.48592	2.558602	52.70817	64.11001
<b>Concentration_New*Time Point</b>	3	60		11	59.57273	9.50580	2.866106	53.18665	65.95881
<b>Concentration_New*Time Point</b>	3	120		11	62.49091	7.70720	2.323808	57.31314	67.66868
<b>Concentration_New*Time Point</b>	3	180		11	62.51818	5.63131	1.697903	58.73502	66.30135
<b>Concentration_New*Time Point</b>	4	30		11	58.46364	8.52494	2.570365	52.73651	64.19077
<b>Concentration_New*Time Point</b>	4	60		11	61.41818	8.70572	2.624875	55.56960	67.26677
<b>Concentration_New*Time Point</b>	4	120		11	63.51818	7.13832	2.152285	58.72259	68.31377
<b>Concentration_New*Time Point</b>	4	180		11	65.03636	8.54205	2.575524	59.29774	70.77499
<b>Obese (Y/N)*Time Point</b>	No	30		30	51.72333	7.87281	1.437372	48.78358	54.66309

<b>Obese (Y/N)*Time Point</b>	No	60		30	54.04333	10.45320	1.908485	50.14004	57.94662
<b>Obese (Y/N)*Time Point</b>	No	120		30	54.71333	9.33339	1.704037	51.22819	58.19848
<b>Obese (Y/N)*Time Point</b>	No	180		30	57.71667	11.65851	2.128542	53.36331	62.07002
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	62.71600	7.22275	1.444549	59.73460	65.69740
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	63.18800	8.57522	1.715044	59.64832	66.72768
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	63.28800	7.61037	1.522074	60.14659	66.42941
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	66.12800	8.46333	1.692666	62.63451	69.62149
<b>Sample(Obese (Y/N))</b>	1	No		20	60.35500	4.85175	1.084884	58.08431	62.62569
<b>Sample(Obese (Y/N))</b>	1	Yes		20	61.17500	5.53352	1.237333	58.58523	63.76477
<b>Sample(Obese (Y/N))</b>	2	No		20	57.82000	6.91624	1.546517	54.58310	61.05690
<b>Sample(Obese (Y/N))</b>	2	Yes		20	61.94000	8.50383	1.901515	57.96008	65.91992
<b>Sample(Obese (Y/N))</b>	3	No		20	54.99000	7.16783	1.602776	51.63535	58.34465
<b>Sample(Obese (Y/N))</b>	3	Yes		20	71.59000	7.69524	1.720708	67.98852	75.19148
<b>Sample(Obese (Y/N))</b>	4	No		20	56.81000	10.74542	2.402750	51.78099	61.83901
<b>Sample(Obese (Y/N))</b>	4	Yes		20	59.59500	7.27248	1.626175	56.19138	62.99862
<b>Sample(Obese (Y/N))</b>	5	No		20	53.25000	9.44505	2.111977	48.82958	57.67042
<b>Sample(Obese (Y/N))</b>	5	Yes		20	64.85000	4.72724	1.057044	62.63758	67.06242
<b>Sample(Obese (Y/N))</b>	6	No		20	44.07000	11.55750	2.584336	38.66092	49.47908
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	60.20000	3.70855	1.854274	54.29887	66.10113
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	59.05000	4.94604	2.473021	51.17974	66.92026
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	58.92500	4.94326	2.471631	51.05917	66.79083
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	56.80000	5.87594	2.937970	47.45007	66.14993
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	56.50000	5.09967	2.549837	48.38528	64.61472
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	59.82500	4.63852	2.319258	52.44409	67.20591
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	61.80000	3.09085	1.545423	56.88177	66.71823
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	67.62500	3.27147	1.635734	62.41937	72.83063

Sample*Concentration_New(Obese (Y/N))	1	4	No	4	64.35000	5.35693	2.678463	55.82593	72.87407
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	62.57500	3.26535	1.632674	57.37910	67.77090
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	50.72500	4.40180	2.200899	43.72076	57.72924
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	66.32500	9.15692	4.578460	51.75430	80.89570
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	56.15000	7.38535	3.692673	44.39827	67.90173
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	59.47500	11.21766	5.608829	41.62520	77.32480
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	62.32500	6.65301	3.326503	51.73858	72.91142
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	54.05000	4.01207	2.006033	47.66591	60.43409
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	58.57500	7.43163	3.715816	46.74961	70.40039
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	64.22500	8.16226	4.081130	51.23702	77.21298
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	61.32500	3.80821	1.904107	55.26528	67.38472
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	65.62500	4.87673	2.438365	57.86503	73.38497
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	50.15000	2.04042	1.020212	46.90323	53.39677
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	76.25000	3.30908	1.654539	70.98452	81.51548
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	50.77500	1.71537	0.857686	48.04546	53.50454
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	76.15000	8.66045	4.330223	62.36930	89.93070
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	55.17500	12.52820	6.264101	35.23984	75.11016
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	67.57500	5.40887	2.704433	58.96829	76.18171
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	58.87500	4.97753	2.488766	50.95463	66.79537
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	68.77500	9.96406	4.982030	52.91996	84.63004
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	59.97500	5.32252	2.661258	51.50569	68.44431
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	69.20000	8.01207	4.006037	56.45100	81.94900
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	56.75000	7.30685	3.653423	45.12318	68.37682
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	57.10000	5.86231	2.931154	47.77176	66.42824
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	54.12500	14.02673	7.013365	31.80534	76.44466
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	58.92500	5.03546	2.517729	50.91246	66.93754

Sample*Concentration_New(Obese (Y/N))	4	2	No	4	54.05000	4.57129	2.285644	46.77606	61.32394
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	60.25000	13.79964	6.899819	38.29170	82.20830
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	56.05000	12.24051	6.120253	36.57262	75.52738
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	62.10000	3.88072	1.940361	55.92491	68.27509
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	63.07500	15.41198	7.705991	38.55110	87.59890
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	59.60000	7.20509	3.602545	48.13509	71.06491
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	54.52500	6.70938	3.354692	43.84887	65.20113
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	62.70000	2.96086	1.480428	57.98862	67.41138
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	54.47500	4.52429	2.262143	47.27585	61.67415
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	64.22500	4.50879	2.254394	57.05051	71.39949
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	42.50000	9.87758	4.938792	26.78256	58.21744
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	70.60000	3.52420	1.762101	64.99221	76.20779
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	56.65000	7.68266	3.841332	44.42517	68.87483
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	63.00000	4.19126	2.095630	56.33077	69.66923
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	58.10000	11.74252	5.871258	39.41504	76.78496
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	63.72500	5.04273	2.521367	55.70088	71.74912
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	33.72500	8.26090	4.130451	20.58006	46.86994
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	33.10000	4.29729	2.148643	26.26206	39.93794
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	47.32500	3.57153	1.785765	41.64190	53.00810
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	50.55000	2.79821	1.399107	46.09742	55.00258
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	55.65000	13.66126	6.830630	33.91189	77.38811
Sample*Time Point(Obese (Y/N))	1	No	30	5	58.76000	4.86189	2.174304	52.72316	64.79684
Sample*Time Point(Obese (Y/N))	1	No	60	5	58.86000	4.47917	2.003148	53.29837	64.42163
Sample*Time Point(Obese (Y/N))	1	No	120	5	60.08000	6.70052	2.996565	51.76020	68.39980
Sample*Time Point(Obese (Y/N))	1	No	180	5	63.72000	1.72974	0.773563	61.57224	65.86776
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	59.38000	7.44560	3.329775	50.13506	68.62494

Sample*Time Point(Obese (Y/N))	1	Yes	60	5	59.66000	3.97656	1.778370	54.72245	64.59755
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	60.56000	6.79102	3.037038	52.12783	68.99217
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	65.10000	1.20416	0.538516	63.60484	66.59516
Sample*Time Point(Obese (Y/N))	2	No	30	5	56.66000	8.28571	3.705482	46.37193	66.94807
Sample*Time Point(Obese (Y/N))	2	No	60	5	57.02000	6.78985	3.036511	48.58929	65.45071
Sample*Time Point(Obese (Y/N))	2	No	120	5	53.50000	3.77359	1.687602	48.81447	58.18553
Sample*Time Point(Obese (Y/N))	2	No	180	5	64.10000	4.80729	2.149884	58.13097	70.06903
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	58.94000	5.34303	2.389477	52.30575	65.57425
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	59.52000	7.07757	3.165186	50.73204	68.30796
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	64.72000	9.12042	4.078774	53.39551	76.04449
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	64.58000	12.03046	5.380186	49.64221	79.51779
Sample*Time Point(Obese (Y/N))	3	No	30	5	53.52000	3.66497	1.639024	48.96934	58.07066
Sample*Time Point(Obese (Y/N))	3	No	60	5	59.86000	9.68468	4.331120	47.83488	71.88512
Sample*Time Point(Obese (Y/N))	3	No	120	5	54.24000	4.87268	2.179128	48.18977	60.29023
Sample*Time Point(Obese (Y/N))	3	No	180	5	52.34000	8.44085	3.774864	41.85930	62.82070
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	71.02000	6.06647	2.713006	63.48749	78.55251
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	72.36000	7.64742	3.420029	62.86448	81.85552
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	66.54000	8.48546	3.794812	56.00391	77.07609
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	76.44000	7.18074	3.211324	67.52394	85.35606
Sample*Time Point(Obese (Y/N))	4	No	30	5	44.50000	6.90833	3.089498	35.92218	53.07782
Sample*Time Point(Obese (Y/N))	4	No	60	5	59.40000	10.51118	4.700745	46.34864	72.45136
Sample*Time Point(Obese (Y/N))	4	No	120	5	57.62000	6.78837	3.035852	49.19112	66.04888
Sample*Time Point(Obese (Y/N))	4	No	180	5	65.72000	6.80456	3.043091	57.27103	74.16897
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	59.56000	5.98774	2.677798	52.12524	66.99476
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	60.58000	10.77646	4.819378	47.19926	73.96074
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	58.88000	8.51158	3.806494	48.31148	69.44852

Sample*Time Point(Obese (Y/N))	4	Yes	180	5	59.36000	4.98678	2.230157	53.16809	65.55191
Sample*Time Point(Obese (Y/N))	5	No	30	5	52.70000	5.26925	2.356480	46.15736	59.24264
Sample*Time Point(Obese (Y/N))	5	No	60	5	47.86000	6.23322	2.787580	40.12044	55.59956
Sample*Time Point(Obese (Y/N))	5	No	120	5	55.66000	4.64575	2.077643	49.89154	61.42846
Sample*Time Point(Obese (Y/N))	5	No	180	5	56.78000	16.61361	7.429832	36.15148	77.40852
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	64.68000	4.60076	2.057523	58.96740	70.39260
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	63.82000	7.35880	3.290957	54.68284	72.95716
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	65.74000	4.10707	1.836736	60.64040	70.83960
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	65.16000	3.38940	1.515784	60.95151	69.36849
Sample*Time Point(Obese (Y/N))	6	No	30	5	44.20000	5.88175	2.630399	36.89684	51.50316
Sample*Time Point(Obese (Y/N))	6	No	60	5	41.26000	10.61193	4.745798	28.08355	54.43645
Sample*Time Point(Obese (Y/N))	6	No	120	5	47.18000	18.98096	8.488545	23.61202	70.74798
Sample*Time Point(Obese (Y/N))	6	No	180	5	43.64000	10.23660	4.577947	30.92958	56.35042

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Static-vel - Mean	Static-vel - Std.Dev.	Static-vel - Std.Err	Static-vel - -95.00%	Static-vel - +95.00%
<b>Total</b>				220	22.27955	11.53834	0.777915	20.74639	23.81270
<b>Concentration_New</b>	0			44	19.84091	9.62662	1.451267	16.91415	22.76767
<b>Concentration_New</b>	1			44	22.20227	12.00766	1.810223	18.55161	25.85294
<b>Concentration_New</b>	2			44	24.27500	13.09429	1.974039	20.29397	28.25603
<b>Concentration_New</b>	3			44	22.21364	10.68491	1.610810	18.96513	25.46215
<b>Concentration_New</b>	4			44	22.86591	12.04349	1.815624	19.20435	26.52746
<b>Obese (Y/N)</b>	No			120	22.29750	11.13983	1.016922	20.28389	24.31111
<b>Obese (Y/N)</b>	Yes			100	22.25800	12.05573	1.205573	19.86588	24.65012

<b>Time Point</b>	30			55	20.57455	10.68407	1.440640	17.68624	23.46285
<b>Time Point</b>	60			55	20.89636	11.07347	1.493147	17.90278	23.88994
<b>Time Point</b>	120			55	23.69455	12.08626	1.629710	20.42717	26.96192
<b>Time Point</b>	180			55	23.95273	12.13593	1.636408	20.67193	27.23353
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	19.08333	9.82303	2.005117	14.93543	23.23123
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	20.75000	9.55667	2.136937	16.27734	25.22266
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	22.38750	11.18805	2.283751	17.66320	27.11180
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	21.98000	13.21708	2.955429	15.79422	28.16578
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	23.13333	11.70680	2.389641	18.18998	28.07668
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	25.64500	14.78237	3.305438	18.72664	32.56336
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	23.15000	10.86926	2.218679	18.56031	27.73969
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	21.09000	10.62682	2.376230	16.11649	26.06351
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	23.73333	12.27920	2.506482	18.54828	28.91839
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	21.82500	11.98534	2.680003	16.21569	27.43431
<b>Concentration_New*Time Point</b>	0	30		11	19.68182	10.19743	3.074642	12.83109	26.53255
<b>Concentration_New*Time Point</b>	0	60		11	18.87273	9.46225	2.852976	12.51590	25.22955
<b>Concentration_New*Time Point</b>	0	120		11	19.94545	10.26249	3.094258	13.05102	26.83989
<b>Concentration_New*Time Point</b>	0	180		11	20.86364	9.87049	2.976064	14.23255	27.49472
<b>Concentration_New*Time Point</b>	1	30		11	18.39091	10.42425	3.143028	11.38781	25.39401
<b>Concentration_New*Time Point</b>	1	60		11	23.29091	12.28206	3.703179	15.03971	31.54211
<b>Concentration_New*Time Point</b>	1	120		11	24.40000	13.42468	4.047693	15.38118	33.41882
<b>Concentration_New*Time Point</b>	1	180		11	22.72727	12.54417	3.782209	14.29999	31.15456
<b>Concentration_New*Time Point</b>	2	30		11	22.30909	11.49012	3.464402	14.58992	30.02826
<b>Concentration_New*Time Point</b>	2	60		11	21.41818	10.59347	3.194052	14.30139	28.53497
<b>Concentration_New*Time Point</b>	2	120		11	27.39091	13.98216	4.215781	17.99756	36.78425
<b>Concentration_New*Time Point</b>	2	180		11	25.98182	16.44450	4.958204	14.93425	37.02938

<b>Concentration_New*Time Point</b>	3	30		11	19.56364	12.36999	3.729691	11.25337	27.87391
<b>Concentration_New*Time Point</b>	3	60		11	19.85455	10.78382	3.251443	12.60988	27.09921
<b>Concentration_New*Time Point</b>	3	120		11	23.25455	8.78674	2.649301	17.35154	29.15755
<b>Concentration_New*Time Point</b>	3	180		11	26.18182	10.58516	3.191546	19.07061	33.29303
<b>Concentration_New*Time Point</b>	4	30		11	22.92727	10.10298	3.046163	16.14000	29.71455
<b>Concentration_New*Time Point</b>	4	60		11	21.04545	13.45112	4.055666	12.00887	30.08204
<b>Concentration_New*Time Point</b>	4	120		11	23.48182	14.11629	4.256222	13.99837	32.96527
<b>Concentration_New*Time Point</b>	4	180		11	24.00909	11.65843	3.515148	16.17685	31.84133
<b>Obese (Y/N)*Time Point</b>	No	30		30	18.64667	10.65674	1.945645	14.66738	22.62596
<b>Obese (Y/N)*Time Point</b>	No	60		30	20.86000	9.80220	1.789629	17.19980	24.52020
<b>Obese (Y/N)*Time Point</b>	No	120		30	24.40000	10.69528	1.952682	20.40632	28.39368
<b>Obese (Y/N)*Time Point</b>	No	180		30	25.28333	12.46839	2.276406	20.62756	29.93911
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	22.88800	10.45894	2.091788	18.57076	27.20524
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	20.94000	12.64100	2.528201	15.72205	26.15795
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	22.84800	13.75085	2.750170	17.17193	28.52407
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	22.35600	11.77558	2.355116	17.49528	27.21672
<b>Sample(Obese (Y/N))</b>	1	No		20	28.19500	4.87318	1.089676	25.91428	30.47572
<b>Sample(Obese (Y/N))</b>	1	Yes		20	33.30000	7.66482	1.713906	29.71275	36.88725
<b>Sample(Obese (Y/N))</b>	2	No		20	26.21000	7.93824	1.775045	22.49479	29.92521
<b>Sample(Obese (Y/N))</b>	2	Yes		20	32.91500	10.05235	2.247774	28.21035	37.61965
<b>Sample(Obese (Y/N))</b>	3	No		20	6.56500	4.36726	0.976548	4.52106	8.60894
<b>Sample(Obese (Y/N))</b>	3	Yes		20	13.56000	7.47581	1.671643	10.06121	17.05879
<b>Sample(Obese (Y/N))</b>	4	No		20	22.49000	9.08173	2.030736	18.23962	26.74038
<b>Sample(Obese (Y/N))</b>	4	Yes		20	20.44500	8.06881	1.804242	16.66868	24.22132
<b>Sample(Obese (Y/N))</b>	5	No		20	30.73000	10.01447	2.239303	26.04308	35.41692
<b>Sample(Obese (Y/N))</b>	5	Yes		20	11.07000	3.70946	0.829461	9.33392	12.80608



Sample(Obese (Y/N))	6	No		20	19.59500	9.63265	2.153925	15.08678	24.10322
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	29.30000	3.63410	1.817049	23.51734	35.08266
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	29.72500	3.23458	1.617289	24.57806	34.87194
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	28.65000	6.78945	3.394726	17.84647	39.45353
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	35.87500	4.42822	2.214112	28.82871	42.92129
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	28.52500	3.35497	1.677486	23.18649	33.86351
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	39.37500	13.54803	6.774016	17.81706	60.93294
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	26.67500	4.61763	2.308815	19.32732	34.02268
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	26.87500	4.74649	2.373245	19.32228	34.42772
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	27.82500	7.29446	3.647231	16.21788	39.43212
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	34.65000	1.83576	0.917878	31.72890	37.57110
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	22.97500	3.39546	1.697731	17.57206	28.37794
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	25.90000	11.21130	5.605652	8.06031	43.73969
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	29.27500	3.89219	1.946097	23.08165	35.46835
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	34.55000	13.00372	6.501859	13.85818	55.24182
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	19.80000	8.05812	4.029061	6.97773	32.62227
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	42.45000	4.81006	2.405029	34.79612	50.10388
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	26.85000	11.80325	5.901624	8.06840	45.63160
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	31.87500	9.18200	4.591001	17.26439	46.48561
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	32.15000	6.27030	3.135150	22.17255	42.12745
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	29.80000	5.74166	2.870830	20.66374	38.93626
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	5.10000	1.89912	0.949561	2.07807	8.12193
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	11.10000	2.80476	1.402379	6.63700	15.56300
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	6.92500	4.68143	2.340717	-0.52421	14.37421
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	14.77500	8.23099	4.115494	1.67766	27.87234
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	6.20000	3.35956	1.679782	0.85418	11.54582

Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	14.37500	7.67349	3.836747	2.16476	26.58524
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	6.60000	6.42703	3.213513	-3.62683	16.82683
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	16.97500	11.46164	5.730819	-1.26303	35.21303
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	8.00000	6.05970	3.029851	-1.64234	17.64234
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	10.57500	7.05236	3.526182	-0.64688	21.79688
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	24.47500	5.49629	2.748143	15.72918	33.22082
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	25.27500	4.38587	2.192934	18.29611	32.25389
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	21.17500	11.07832	5.539160	3.54692	38.80308
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	16.02500	4.53973	2.269866	8.80127	23.24873
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	25.35000	4.89660	2.448299	17.55842	33.14158
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	17.20000	8.34945	4.174726	3.91416	30.48584
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	21.20000	11.40117	5.700585	3.05820	39.34180
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	19.97500	8.35399	4.176996	6.68194	33.26806
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	20.25000	13.71435	6.857174	-1.57259	42.07259
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	23.75000	12.12174	6.060872	4.46160	43.03840
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	23.52500	6.22328	3.111638	13.62238	33.42762
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	11.75000	3.59676	1.798379	6.02676	17.47324
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	32.25000	8.53405	4.267025	18.67042	45.82958
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	8.67500	2.94661	1.473304	3.98629	13.36371
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	35.85000	16.29734	8.148671	9.91729	61.78271
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	14.82500	0.48563	0.242813	14.05226	15.59774
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	29.15000	7.11126	3.555629	17.83440	40.46560
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	9.75000	3.43754	1.718769	4.28011	15.21989
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	32.87500	9.52484	4.762418	17.71886	48.03114
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	10.35000	4.83701	2.418505	2.65324	18.04676
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	9.12500	5.01224	2.506118	1.14942	17.10058

Sample*Concentration_New(Obese (Y/N))	6	1	No	4	16.05000	7.83603	3.918014	3.58113	28.51887
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	23.07500	3.94831	1.974156	16.79235	29.35765
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	28.42500	5.74884	2.874420	19.27731	37.57269
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	21.30000	12.86831	6.434154	0.82365	41.77635
Sample*Time Point(Obese (Y/N))	1	No	30	5	24.94000	4.61118	2.062183	19.21446	30.66554
Sample*Time Point(Obese (Y/N))	1	No	60	5	29.22000	2.58689	1.156892	26.00795	32.43205
Sample*Time Point(Obese (Y/N))	1	No	120	5	29.44000	6.66656	2.981376	21.16237	37.71763
Sample*Time Point(Obese (Y/N))	1	No	180	5	29.18000	4.76414	2.130587	23.26454	35.09546
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	31.64000	5.17040	2.312272	25.22010	38.05990
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	33.64000	2.49960	1.117855	30.53634	36.74366
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	36.94000	14.74069	6.592238	18.63701	55.24299
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	30.98000	1.38275	0.618385	29.26309	32.69691
Sample*Time Point(Obese (Y/N))	2	No	30	5	19.88000	10.76322	4.813460	6.51569	33.24431
Sample*Time Point(Obese (Y/N))	2	No	60	5	27.32000	5.63800	2.521389	20.31950	34.32050
Sample*Time Point(Obese (Y/N))	2	No	120	5	30.36000	7.77612	3.477585	20.70468	40.01532
Sample*Time Point(Obese (Y/N))	2	No	180	5	27.28000	4.07885	1.824116	22.21544	32.34456
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	34.14000	6.66393	2.980201	25.86563	42.41437
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	35.64000	7.54771	3.375441	26.26827	45.01173
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	30.74000	10.25636	4.586785	18.00504	43.47496
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	31.14000	15.88735	7.105040	11.41325	50.86675
Sample*Time Point(Obese (Y/N))	3	No	30	5	3.18000	2.23204	0.998198	0.40856	5.95144
Sample*Time Point(Obese (Y/N))	3	No	60	5	9.38000	4.70234	2.102950	3.54127	15.21873
Sample*Time Point(Obese (Y/N))	3	No	120	5	9.22000	4.76886	2.132698	3.29868	15.14132
Sample*Time Point(Obese (Y/N))	3	No	180	5	4.48000	1.51228	0.676314	2.60225	6.35775
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	18.48000	7.86619	3.517869	8.71283	28.24717
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	12.24000	8.66447	3.874868	1.48164	22.99836



<b>Effect</b>									
<b>Total</b>				220	1.66409	2.429486	0.163796	1.34127	1.98691
<b>Concentration_New</b>	0			44	2.82727	3.457810	0.521284	1.77600	3.87854
<b>Concentration_New</b>	1			44	1.94773	2.540783	0.383037	1.17526	2.72020
<b>Concentration_New</b>	2			44	1.47045	1.995994	0.300907	0.86362	2.07729
<b>Concentration_New</b>	3			44	1.35455	1.942721	0.292876	0.76390	1.94519
<b>Concentration_New</b>	4			44	0.72045	1.173264	0.176876	0.36375	1.07716
<b>Obese (Y/N)</b>	No			120	2.42583	2.957329	0.269966	1.89127	2.96039
<b>Obese (Y/N)</b>	Yes			100	0.75000	0.998433	0.099843	0.55189	0.94811
<b>Time Point</b>	30			55	1.93636	2.397094	0.323224	1.28834	2.58439
<b>Time Point</b>	60			55	1.90000	2.539831	0.342471	1.21339	2.58661
<b>Time Point</b>	120			55	1.62000	2.613597	0.352417	0.91345	2.32655
<b>Time Point</b>	180			55	1.20000	2.134548	0.287822	0.62295	1.77705
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	4.22083	4.082090	0.833253	2.49712	5.94455
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	1.15500	1.221076	0.273041	0.58352	1.72648
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	3.00000	3.022524	0.616970	1.72370	4.27630
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	0.68500	0.688457	0.153944	0.36279	1.00721
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	2.17083	2.349742	0.479639	1.17862	3.16304
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	0.63000	0.984672	0.220179	0.16916	1.09084
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	1.90000	2.336478	0.476932	0.91339	2.88661
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	0.70000	1.051815	0.235193	0.20774	1.19226
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	0.83750	1.332475	0.271990	0.27485	1.40015
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	0.58000	0.963328	0.215407	0.12915	1.03085
<b>Concentration_New*Time Point</b>	0	30		11	2.86364	3.002423	0.905265	0.84658	4.88069
<b>Concentration_New*Time Point</b>	0	60		11	3.50909	4.200346	1.266452	0.68726	6.33092
<b>Concentration_New*Time Point</b>	0	120		11	2.90909	3.644024	1.098715	0.46100	5.35718

<b>Concentration_New*Time Point</b>	0	180		11	2.02727	3.201903	0.965410	-0.12379	4.17834
<b>Concentration_New*Time Point</b>	1	30		11	2.43636	2.986728	0.900532	0.42985	4.44287
<b>Concentration_New*Time Point</b>	1	60		11	1.80000	1.495995	0.451059	0.79498	2.80502
<b>Concentration_New*Time Point</b>	1	120		11	2.01818	3.111211	0.938066	-0.07196	4.10832
<b>Concentration_New*Time Point</b>	1	180		11	1.53636	2.538217	0.765301	-0.16883	3.24156
<b>Concentration_New*Time Point</b>	2	30		11	1.70000	2.384533	0.718964	0.09805	3.30195
<b>Concentration_New*Time Point</b>	2	60		11	1.30000	1.268069	0.382337	0.44810	2.15190
<b>Concentration_New*Time Point</b>	2	120		11	1.47273	2.264549	0.682787	-0.04862	2.99407
<b>Concentration_New*Time Point</b>	2	180		11	1.40909	2.148234	0.647717	-0.03411	2.85229
<b>Concentration_New*Time Point</b>	3	30		11	1.71818	1.876069	0.565656	0.45782	2.97854
<b>Concentration_New*Time Point</b>	3	60		11	2.00000	2.485961	0.749545	0.32991	3.67009
<b>Concentration_New*Time Point</b>	3	120		11	1.08182	2.110364	0.636299	-0.33594	2.49958
<b>Concentration_New*Time Point</b>	3	180		11	0.61818	0.890863	0.268605	0.01969	1.21667
<b>Concentration_New*Time Point</b>	4	30		11	0.96364	1.229856	0.370815	0.13741	1.78986
<b>Concentration_New*Time Point</b>	4	60		11	0.89091	1.667006	0.502621	-0.22900	2.01082
<b>Concentration_New*Time Point</b>	4	120		11	0.61818	0.947437	0.285663	-0.01831	1.25468
<b>Concentration_New*Time Point</b>	4	180		11	0.40909	0.717572	0.216356	-0.07298	0.89116
<b>Obese (Y/N)*Time Point</b>	No	30		30	2.93333	2.800410	0.511283	1.88764	3.97902
<b>Obese (Y/N)*Time Point</b>	No	60		30	2.57000	3.085802	0.563388	1.41774	3.72226
<b>Obese (Y/N)*Time Point</b>	No	120		30	2.52000	3.211123	0.586268	1.32095	3.71905
<b>Obese (Y/N)*Time Point</b>	No	180		30	1.68000	2.709167	0.494624	0.66838	2.69162
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	0.74000	0.848037	0.169607	0.38995	1.09005
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	1.09600	1.331816	0.266363	0.54625	1.64575
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	0.54000	0.826136	0.165227	0.19899	0.88101
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	0.62400	0.865679	0.173136	0.26667	0.98133
<b>Sample(Obese (Y/N))</b>	1	No		20	0.50500	0.585325	0.130883	0.23106	0.77894

Sample(Obese (Y/N))	1	Yes		20	0.19500	0.337912	0.075559	0.03685	0.35315
Sample(Obese (Y/N))	2	No		20	2.17500	2.516655	0.562741	0.99717	3.35283
Sample(Obese (Y/N))	2	Yes		20	0.44500	0.576263	0.128856	0.17530	0.71470
Sample(Obese (Y/N))	3	No		20	3.18000	2.435829	0.544668	2.04000	4.32000
Sample(Obese (Y/N))	3	Yes		20	0.81500	0.982625	0.219722	0.35512	1.27488
Sample(Obese (Y/N))	4	No		20	1.74500	2.007742	0.448945	0.80535	2.68465
Sample(Obese (Y/N))	4	Yes		20	1.29500	1.459443	0.326341	0.61196	1.97804
Sample(Obese (Y/N))	5	No		20	0.94000	1.149096	0.256946	0.40221	1.47779
Sample(Obese (Y/N))	5	Yes		20	1.00000	0.920526	0.205836	0.56918	1.43082
Sample(Obese (Y/N))	6	No		20	6.01000	3.991557	0.892539	4.14189	7.87811
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	0.77500	0.386221	0.193111	0.16044	1.38956
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	0.70000	0.346410	0.173205	0.14878	1.25122
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	1.07500	0.960469	0.480234	-0.45332	2.60332
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	0.15000	0.300000	0.150000	-0.32737	0.62737
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	0.17500	0.206155	0.103078	-0.15304	0.50304
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	0.00000	0.000000	0.000000	0.00000	0.00000
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	0.40000	0.326599	0.163299	-0.11969	0.91969
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	0.12500	0.250000	0.125000	-0.27281	0.52281
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	0.10000	0.200000	0.100000	-0.21824	0.41824
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	0.00000	0.000000	0.000000	0.00000	0.00000
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	5.27500	3.823066	1.911533	-0.80835	11.35835
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	0.92500	0.665207	0.332603	-0.13349	1.98349
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	1.87500	1.393736	0.696868	-0.34274	4.09274
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	0.70000	0.828654	0.414327	-0.61857	2.01857
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	1.62500	1.713427	0.856714	-1.10145	4.35145
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	0.25000	0.288675	0.144338	-0.20935	0.70935

Sample*Concentration_New(Obese (Y/N))	2	3	No	4	1.67500	1.594522	0.797261	-0.86224	4.21224
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	0.35000	0.412311	0.206155	-0.30608	1.00608
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	0.42500	0.567891	0.283945	-0.47864	1.32864
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	0.00000	0.000000	0.000000	0.00000	0.00000
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	5.02500	2.760888	1.380444	0.63181	9.41819
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	0.32500	0.650000	0.325000	-0.70930	1.35930
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	3.12500	2.366960	1.183480	-0.64136	6.89136
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	0.75000	0.925563	0.462781	-0.72278	2.22278
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	3.35000	3.101075	1.550538	-1.58450	8.28450
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	1.62500	1.438460	0.719230	-0.66391	3.91391
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	2.72500	2.486463	1.243232	-1.23152	6.68152
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	0.62500	0.722842	0.361421	-0.52520	1.77520
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	1.67500	0.822091	0.411045	0.36687	2.98313
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	0.75000	0.994987	0.497494	-0.83325	2.33325
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	1.27500	1.477329	0.738664	-1.07576	3.62576
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	2.57500	2.096624	1.048312	-0.76120	5.91120
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	2.50000	1.478738	0.739369	0.14700	4.85300
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	0.75000	0.506623	0.253311	-0.05615	1.55615
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	1.45000	1.021437	0.510718	-0.17533	3.07533
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	1.27500	0.928709	0.464354	-0.20278	2.75278
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	3.15000	3.637307	1.818653	-2.63777	8.93777
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	1.20000	1.745470	0.872735	-1.57743	3.97743
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	0.35000	0.700000	0.350000	-0.76386	1.46386
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	0.67500	1.350000	0.675000	-1.47315	2.82315
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	2.22500	1.545693	0.772846	-0.23454	4.68454
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	1.25000	0.310913	0.155456	0.75527	1.74473



Sample*Concentration_New(Obese (Y/N))	5	1	No	4	1.00000	0.725718	0.362859	-0.15478	2.15478
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	1.07500	0.718215	0.359108	-0.06784	2.21784
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	1.07500	1.172959	0.586480	-0.79144	2.94144
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	0.00000	0.000000	0.000000	0.00000	0.00000
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	0.27500	0.550000	0.275000	-0.60017	1.15017
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	1.20000	1.388044	0.694022	-1.00869	3.40869
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	0.12500	0.250000	0.125000	-0.27281	0.52281
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	1.47500	1.024288	0.512144	-0.15487	3.10487
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	10.75000	2.982728	1.491364	6.00381	15.49619
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	8.42500	2.702314	1.351157	4.12502	12.72498
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	5.35000	1.995829	0.997914	2.17419	8.52581
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	3.17500	2.782535	1.391267	-1.25263	7.60263
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	2.35000	2.467793	1.233896	-1.57681	6.27681
Sample*Time Point(Obese (Y/N))	1	No	30	5	0.76000	0.996494	0.445646	-0.47731	1.99731
Sample*Time Point(Obese (Y/N))	1	No	60	5	0.64000	0.482701	0.215870	0.04065	1.23935
Sample*Time Point(Obese (Y/N))	1	No	120	5	0.32000	0.334664	0.149666	-0.09554	0.73554
Sample*Time Point(Obese (Y/N))	1	No	180	5	0.30000	0.300000	0.134164	-0.07250	0.67250
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	0.34000	0.527257	0.235797	-0.31468	0.99468
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	0.24000	0.328634	0.146969	-0.16805	0.64805
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	0.08000	0.178885	0.080000	-0.14212	0.30212
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	0.12000	0.268328	0.120000	-0.21317	0.45317
Sample*Time Point(Obese (Y/N))	2	No	30	5	4.10000	2.821347	1.261745	0.59683	7.60317
Sample*Time Point(Obese (Y/N))	2	No	60	5	2.64000	3.244688	1.451069	-1.38881	6.66881
Sample*Time Point(Obese (Y/N))	2	No	120	5	1.50000	1.471394	0.658027	-0.32698	3.32698
Sample*Time Point(Obese (Y/N))	2	No	180	5	0.46000	0.531977	0.237908	-0.20054	1.12054
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	0.42000	0.426615	0.190788	-0.10971	0.94971

Sample*Time Point(Obese (Y/N))	2	Yes	60	5	0.78000	0.875785	0.391663	-0.30743	1.86743
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	0.10000	0.223607	0.100000	-0.17764	0.37764
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	0.48000	0.535724	0.239583	-0.18519	1.14519
Sample*Time Point(Obese (Y/N))	3	No	30	5	1.94000	0.918150	0.410609	0.79997	3.08003
Sample*Time Point(Obese (Y/N))	3	No	60	5	1.40000	1.380217	0.617252	-0.31377	3.11377
Sample*Time Point(Obese (Y/N))	3	No	120	5	5.32000	1.979141	0.885099	2.86257	7.77743
Sample*Time Point(Obese (Y/N))	3	No	180	5	4.06000	2.990485	1.337386	0.34682	7.77318
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	0.38000	0.849706	0.380000	-0.67505	1.43505
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	0.66000	0.937017	0.419047	-0.50346	1.82346
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	0.90000	0.902774	0.403733	-0.22094	2.02094
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	1.32000	1.255787	0.561605	-0.23927	2.87927
Sample*Time Point(Obese (Y/N))	4	No	30	5	3.06000	1.983179	0.886905	0.59756	5.52244
Sample*Time Point(Obese (Y/N))	4	No	60	5	3.06000	2.298478	1.027911	0.20606	5.91394
Sample*Time Point(Obese (Y/N))	4	No	120	5	0.38000	0.849706	0.380000	-0.67505	1.43505
Sample*Time Point(Obese (Y/N))	4	No	180	5	0.48000	0.746324	0.333766	-0.44668	1.40668
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	1.86000	0.763544	0.341467	0.91193	2.80807
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	2.26000	2.093562	0.936269	-0.33950	4.85950
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	1.06000	1.192896	0.533479	-0.42118	2.54118
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	0.00000	0.000000	0.000000	0.00000	0.00000
Sample*Time Point(Obese (Y/N))	5	No	30	5	1.20000	0.748331	0.334664	0.27082	2.12918
Sample*Time Point(Obese (Y/N))	5	No	60	5	0.92000	1.103177	0.493356	-0.44978	2.28978
Sample*Time Point(Obese (Y/N))	5	No	120	5	1.36000	1.803607	0.806598	-0.87947	3.59947
Sample*Time Point(Obese (Y/N))	5	No	180	5	0.28000	0.626099	0.280000	-0.49740	1.05740
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	0.70000	0.700000	0.313050	-0.16916	1.56916
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	1.54000	1.134901	0.507543	0.13083	2.94917
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	0.56000	0.876356	0.391918	-0.52814	1.64814

Sample*Time Point(Obese (Y/N))	5	Yes	180	5	1.20000	0.842615	0.376829	0.15376	2.24624
Sample*Time Point(Obese (Y/N))	6	No	30	5	6.54000	3.700405	1.654872	1.94534	11.13466
Sample*Time Point(Obese (Y/N))	6	No	60	5	6.76000	4.224689	1.889339	1.51436	12.00564
Sample*Time Point(Obese (Y/N))	6	No	120	5	6.24000	4.767914	2.132276	0.31985	12.16015
Sample*Time Point(Obese (Y/N))	6	No	180	5	4.50000	4.175524	1.867351	-0.68460	9.68460

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Slow prog- WHO - Mean	Slow prog- WHO - Std.Dev.	Slow prog- WHO - Std.Err	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%
<b>Total</b>				220	8.46545	7.62150	0.513841	7.45275	9.47816
<b>Concentration_New</b>	0			44	10.65455	9.51328	1.434181	7.76224	13.54685
<b>Concentration_New</b>	1			44	9.50682	8.62375	1.300079	6.88496	12.12868
<b>Concentration_New</b>	2			44	8.41364	6.85588	1.033563	6.32926	10.49801
<b>Concentration_New</b>	3			44	7.24545	5.90807	0.890676	5.44924	9.04167
<b>Concentration_New</b>	4			44	6.50682	6.13148	0.924356	4.64268	8.37096
<b>Obese (Y/N)</b>	No			120	10.61417	8.52057	0.777818	9.07401	12.15432
<b>Obese (Y/N)</b>	Yes			100	5.88700	5.37748	0.537748	4.81999	6.95401
<b>Time Point</b>	30			55	10.53091	7.76743	1.047360	8.43108	12.63074
<b>Time Point</b>	60			55	9.43091	7.50432	1.011882	7.40221	11.45961
<b>Time Point</b>	120			55	7.68364	7.51802	1.013730	5.65123	9.71604
<b>Time Point</b>	180			55	6.21636	7.16508	0.966140	4.27937	8.15336
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	14.72083	10.80744	2.206060	10.15725	19.28442
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	5.77500	4.18115	0.934932	3.81816	7.73184
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	12.17917	9.62226	1.964135	8.11604	16.24229
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	6.30000	6.03185	1.348762	3.47701	9.12299

Concentration_New*Obese (Y/N)	2	No		24	10.63333	6.86362	1.401031	7.73508	13.53159
Concentration_New*Obese (Y/N)	2	Yes		20	5.75000	5.97129	1.335221	2.95535	8.54465
Concentration_New*Obese (Y/N)	3	No		24	8.55000	6.50197	1.327210	5.80446	11.29554
Concentration_New*Obese (Y/N)	3	Yes		20	5.68000	4.80533	1.074504	3.43104	7.92896
Concentration_New*Obese (Y/N)	4	No		24	6.98750	6.20710	1.267019	4.36647	9.60853
Concentration_New*Obese (Y/N)	4	Yes		20	5.93000	6.14835	1.374813	3.05248	8.80752
Concentration_New*Time Point	0	30		11	11.59091	8.78936	2.650093	5.68613	17.49568
Concentration_New*Time Point	0	60		11	12.59091	10.94837	3.301059	5.23569	19.94613
Concentration_New*Time Point	0	120		11	10.61818	10.91117	3.289842	3.28796	17.94841
Concentration_New*Time Point	0	180		11	7.81818	7.68425	2.316887	2.65584	12.98053
Concentration_New*Time Point	1	30		11	13.18182	9.11820	2.749242	7.05613	19.30751
Concentration_New*Time Point	1	60		11	9.10909	7.41208	2.234826	4.12959	14.08859
Concentration_New*Time Point	1	120		11	9.32727	8.87988	2.677383	3.36169	15.29285
Concentration_New*Time Point	1	180		11	6.40909	8.78823	2.649750	0.50508	12.31310
Concentration_New*Time Point	2	30		11	9.61818	6.61949	1.995851	5.17115	14.06522
Concentration_New*Time Point	2	60		11	7.50000	5.52322	1.665315	3.78945	11.21055
Concentration_New*Time Point	2	120		11	8.20909	5.76480	1.738152	4.33625	12.08194
Concentration_New*Time Point	2	180		11	8.32727	9.59105	2.891809	1.88392	14.77063
Concentration_New*Time Point	3	30		11	9.62727	7.06032	2.128768	4.88408	14.37046
Concentration_New*Time Point	3	60		11	8.96364	6.44907	1.944469	4.63109	13.29618
Concentration_New*Time Point	3	120		11	6.00909	4.99449	1.505895	2.65375	9.36443
Concentration_New*Time Point	3	180		11	4.38182	3.67691	1.108629	1.91164	6.85200
Concentration_New*Time Point	4	30		11	8.63636	7.55040	2.276531	3.56394	13.70879
Concentration_New*Time Point	4	60		11	8.99091	6.44553	1.943402	4.66074	13.32108
Concentration_New*Time Point	4	120		11	4.25455	4.51229	1.360505	1.22315	7.28594
Concentration_New*Time Point	4	180		11	4.14545	4.38802	1.323038	1.19754	7.09337

<b>Obese (Y/N)*Time Point</b>	No	30		30	13.85667	7.66563	1.399546	10.99427	16.71906
<b>Obese (Y/N)*Time Point</b>	No	60		30	11.54333	7.90363	1.442999	8.59207	14.49460
<b>Obese (Y/N)*Time Point</b>	No	120		30	9.71000	8.73721	1.595189	6.44747	12.97253
<b>Obese (Y/N)*Time Point</b>	No	180		30	7.34667	8.75686	1.598776	4.07680	10.61653
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	6.54000	5.85904	1.171808	4.12151	8.95849
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	6.89600	6.24143	1.248285	4.31967	9.47233
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	5.25200	4.86177	0.972353	3.24516	7.25884
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	4.86000	4.39773	0.879545	3.04471	6.67529
<b>Sample(Obese (Y/N))</b>	1	No		20	4.04500	1.65767	0.370666	3.26919	4.82081
<b>Sample(Obese (Y/N))</b>	1	Yes		20	2.33500	2.05408	0.459306	1.37366	3.29634
<b>Sample(Obese (Y/N))</b>	2	No		20	8.05000	5.46804	1.222691	5.49088	10.60912
<b>Sample(Obese (Y/N))</b>	2	Yes		20	2.18000	1.37059	0.306474	1.53854	2.82146
<b>Sample(Obese (Y/N))</b>	3	No		20	15.90000	6.03464	1.349386	13.07570	18.72430
<b>Sample(Obese (Y/N))</b>	3	Yes		20	4.99500	3.53084	0.789519	3.34252	6.64748
<b>Sample(Obese (Y/N))</b>	4	No		20	9.55000	7.31664	1.636049	6.12571	12.97429
<b>Sample(Obese (Y/N))</b>	4	Yes		20	10.30000	6.70585	1.499474	7.16157	13.43843
<b>Sample(Obese (Y/N))</b>	5	No		20	6.23500	5.25770	1.175658	3.77432	8.69568
<b>Sample(Obese (Y/N))</b>	5	Yes		20	9.62500	4.83222	1.080518	7.36345	11.88655
<b>Sample(Obese (Y/N))</b>	6	No		20	19.90500	10.51032	2.350179	14.98602	24.82398
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	3.87500	2.63106	1.315532	-0.31161	8.06161
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	4.25000	3.35708	1.678541	-1.09187	9.59187
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	4.87500	1.13835	0.569173	3.06364	6.68636
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	2.22500	1.20934	0.604669	0.30067	4.14933
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	5.22500	0.76322	0.381608	4.01055	6.43945
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	1.70000	1.88856	0.944281	-1.30512	4.70512
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	3.65000	1.22338	0.611692	1.70332	5.59668

Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	2.27500	1.09354	0.546771	0.53493	4.01507
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	2.60000	1.14018	0.570088	0.78573	4.41427
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	1.22500	1.46145	0.730725	-1.10049	3.55049
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	13.90000	4.63825	2.319123	6.51951	21.28049
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	3.30000	1.15181	0.575905	1.46721	5.13279
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	6.97500	4.31770	2.158848	0.10458	13.84542
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	2.30000	0.62716	0.313581	1.30204	3.29796
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	8.55000	6.33956	3.169779	-1.53765	18.63765
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	1.10000	1.03602	0.518009	-0.54854	2.74854
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	7.27500	4.53900	2.269499	0.05244	14.49756
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	2.72500	2.02711	1.013554	-0.50058	5.95058
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	3.55000	3.62077	1.810387	-2.21146	9.31146
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	1.47500	0.83016	0.415080	0.15403	2.79597
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	20.22500	4.56536	2.282679	12.96050	27.48950
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	4.20000	2.36925	1.184624	0.43000	7.97000
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	17.65000	4.84183	2.420916	9.94557	25.35443
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	2.75000	1.43643	0.718215	0.46432	5.03568
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	16.95000	8.69118	4.345592	3.12039	30.77961
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	5.57500	2.88603	1.443015	0.98268	10.16732
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	13.60000	6.02716	3.013580	4.00944	23.19056
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	3.92500	3.39939	1.699694	-1.48418	9.33418
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	11.07500	2.42951	1.214753	7.20911	14.94089
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	8.52500	5.02419	2.512096	0.53039	16.51961
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	8.17500	3.25819	1.629097	2.99049	13.35951
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	9.05000	6.27189	3.135947	-0.92998	19.02998
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	11.10000	9.30269	4.651344	-3.70265	25.90265

Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	11.57500	7.08067	3.540333	0.30808	22.84192
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	9.25000	4.23360	2.116798	2.51340	15.98660
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	12.82500	6.81390	3.406948	1.98257	23.66743
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	10.72500	10.96673	5.483365	-6.72551	28.17551
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	8.50000	7.05266	3.526330	-2.72235	19.72235
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	8.50000	9.72317	4.861584	-6.97173	23.97173
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	9.55000	9.01868	4.509342	-4.80074	23.90074
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	9.20000	5.00999	2.504995	1.22799	17.17201
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	8.07500	4.15241	2.076204	1.46759	14.68241
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	4.35000	2.98273	1.491364	-0.39619	9.09619
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	12.65000	5.02295	2.511474	4.65737	20.64263
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	6.90000	7.08567	3.542833	-4.37488	18.17488
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	7.55000	6.68007	3.340035	-3.07948	18.17948
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	6.72500	7.61375	3.806874	-5.39017	18.84017
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	10.97500	0.67020	0.335099	9.90856	12.04144
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	4.00000	2.97881	1.489407	-0.73996	8.73996
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	8.87500	6.00132	3.000660	-0.67444	18.42444
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	32.95000	8.45596	4.227982	19.49467	46.40533
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	28.12500	1.25000	0.625000	26.13597	30.11403
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	16.92500	2.19754	1.098768	13.42823	20.42177
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	9.32500	2.77774	1.388869	4.90500	13.74500
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	12.20000	7.53525	3.767625	0.20973	24.19027
Sample*Time Point(Obese (Y/N))	1	No	30	5	4.84000	0.77974	0.348712	3.87182	5.80818
Sample*Time Point(Obese (Y/N))	1	No	60	5	5.12000	1.68731	0.754586	3.02493	7.21507
Sample*Time Point(Obese (Y/N))	1	No	120	5	3.78000	1.28335	0.573934	2.18650	5.37350
Sample*Time Point(Obese (Y/N))	1	No	180	5	2.44000	1.55177	0.693974	0.51322	4.36678

Sample*Time Point(Obese (Y/N))	1	Yes	30	5	3.84000	3.26696	1.461027	-0.21646	7.89646
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	2.40000	1.52643	0.682642	0.50468	4.29532
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	1.74000	1.11265	0.497594	0.35846	3.12154
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	1.36000	1.15456	0.516333	-0.07357	2.79357
Sample*Time Point(Obese (Y/N))	2	No	30	5	13.06000	3.83966	1.717149	8.29243	17.82757
Sample*Time Point(Obese (Y/N))	2	No	60	5	7.16000	3.45369	1.544539	2.87167	11.44833
Sample*Time Point(Obese (Y/N))	2	No	120	5	9.12000	6.29103	2.813432	1.30866	16.93134
Sample*Time Point(Obese (Y/N))	2	No	180	5	2.86000	2.88236	1.289031	-0.71892	6.43892
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	2.80000	1.30384	0.583095	1.18107	4.41893
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	2.16000	1.30499	0.583609	0.53964	3.78036
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	1.98000	1.49399	0.668132	0.12497	3.83503
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	1.78000	1.59906	0.715122	-0.20550	3.76550
Sample*Time Point(Obese (Y/N))	3	No	30	5	18.38000	5.42651	2.426809	11.64210	25.11790
Sample*Time Point(Obese (Y/N))	3	No	60	5	10.20000	3.04959	1.363818	6.41343	13.98657
Sample*Time Point(Obese (Y/N))	3	No	120	5	16.60000	4.77755	2.136586	10.66789	22.53211
Sample*Time Point(Obese (Y/N))	3	No	180	5	18.42000	7.38627	3.303241	9.24873	27.59127
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	3.26000	1.85688	0.830422	0.95438	5.56562
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	5.22000	2.23763	1.000700	2.44161	7.99839
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	7.24000	6.08671	2.722058	-0.31764	14.79764
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	4.26000	1.70675	0.763282	2.14079	6.37921
Sample*Time Point(Obese (Y/N))	4	No	30	5	18.20000	5.60937	2.508585	11.23505	25.16495
Sample*Time Point(Obese (Y/N))	4	No	60	5	12.64000	3.08917	1.381521	8.80428	16.47572
Sample*Time Point(Obese (Y/N))	4	No	120	5	5.16000	3.20593	1.433736	1.17931	9.14069
Sample*Time Point(Obese (Y/N))	4	No	180	5	2.20000	2.43208	1.087658	-0.81982	5.21982
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	14.38000	6.12348	2.738503	6.77670	21.98330
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	15.34000	5.95298	2.662255	7.94840	22.73160



Sample*Time Point(Obese (Y/N))	4	Yes	120	5	6.32000	5.64243	2.523371	-0.68600	13.32600
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	5.16000	1.85553	0.829819	2.85605	7.46395
Sample*Time Point(Obese (Y/N))	5	No	30	5	7.00000	1.36931	0.612372	5.29978	8.70022
Sample*Time Point(Obese (Y/N))	5	No	60	5	11.80000	6.50115	2.907404	3.72775	19.87225
Sample*Time Point(Obese (Y/N))	5	No	120	5	4.40000	3.92619	1.755847	-0.47501	9.27501
Sample*Time Point(Obese (Y/N))	5	No	180	5	1.74000	1.68612	0.754056	-0.35359	3.83359
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	8.42000	5.59973	2.504276	1.46701	15.37299
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	9.36000	5.97687	2.672938	1.93873	16.78127
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	8.98000	4.11424	1.839946	3.87149	14.08851
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	11.74000	4.34661	1.943862	6.34297	17.13703
Sample*Time Point(Obese (Y/N))	6	No	30	5	21.66000	7.83760	3.505082	11.92833	31.39167
Sample*Time Point(Obese (Y/N))	6	No	60	5	22.34000	12.32327	5.511134	7.03864	37.64136
Sample*Time Point(Obese (Y/N))	6	No	120	5	19.20000	13.64863	6.103851	2.25299	36.14701
Sample*Time Point(Obese (Y/N))	6	No	180	5	16.42000	9.90338	4.428928	4.12333	28.71667

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Non Prog- WHO - Mean	Non Prog- WHO - Std.Dev.	Non Prog- WHO - Std.Err	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%
Total				220	67.50636	10.06850	0.678818	66.16851	68.84422
Concentration_New	0			44	66.32045	10.93119	1.647939	62.99707	69.64384
Concentration_New	1			44	66.07727	10.84000	1.634191	62.78161	69.37293
Concentration_New	2			44	66.19545	10.25895	1.546595	63.07645	69.31446
Concentration_New	3			44	69.20000	8.21983	1.239186	66.70094	71.69906
Concentration_New	4			44	69.73864	9.65267	1.455195	66.80396	72.67332
Obese (Y/N)	No			120	64.49083	9.56675	0.873321	62.76157	66.22010

<b>Obese (Y/N)</b>	Yes			100	71.12500	9.48640	0.948640	69.24269	73.00731
<b>Time Point</b>	30			55	66.62545	9.56100	1.289205	64.04075	69.21015
<b>Time Point</b>	60			55	67.60909	10.69433	1.442023	64.71801	70.50017
<b>Time Point</b>	120			55	67.36545	9.67234	1.304218	64.75065	69.98025
<b>Time Point</b>	180			55	68.42545	10.49349	1.414942	65.58867	71.26224
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	61.32500	9.07314	1.852048	57.49375	65.15625
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	72.31500	10.07108	2.251961	67.60159	77.02841
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	62.22500	9.48043	1.935184	58.22177	66.22823
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	70.70000	10.76539	2.407215	65.66164	75.73836
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	64.04583	9.53761	1.946857	60.01845	68.07321
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	68.77500	10.73454	2.400317	63.75108	73.79892
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	66.41667	7.69809	1.571366	63.16605	69.66728
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	72.54000	7.72313	1.726944	68.92546	76.15454
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	68.44167	10.72023	2.188258	63.91491	72.96842
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	71.29500	8.18995	1.831328	67.46199	75.12801
<b>Concentration_New*Time Point</b>	0	30		11	64.58182	11.67046	3.518776	56.74150	72.42214
<b>Concentration_New*Time Point</b>	0	60		11	65.02727	12.04700	3.632307	56.93399	73.12056
<b>Concentration_New*Time Point</b>	0	120		11	66.50909	12.38470	3.734129	58.18893	74.82925
<b>Concentration_New*Time Point</b>	0	180		11	69.16364	8.06254	2.430947	63.74715	74.58012
<b>Concentration_New*Time Point</b>	1	30		11	65.59091	10.27419	3.097784	58.68862	72.49320
<b>Concentration_New*Time Point</b>	1	60		11	65.14545	9.02235	2.720340	59.08416	71.20675
<b>Concentration_New*Time Point</b>	1	120		11	64.27273	9.48863	2.860931	57.89818	70.64728
<b>Concentration_New*Time Point</b>	1	180		11	69.30000	14.56214	4.390651	59.51702	79.08298
<b>Concentration_New*Time Point</b>	2	30		11	66.35455	9.40706	2.836334	60.03480	72.67429
<b>Concentration_New*Time Point</b>	2	60		11	69.63636	10.98611	3.312436	62.25580	77.01693
<b>Concentration_New*Time Point</b>	2	120		11	64.74545	7.78208	2.346385	59.51738	69.97353

<b>Concentration_New*Time Point</b>	2	180		11	64.04545	12.74208	3.841883	55.48521	72.60570
<b>Concentration_New*Time Point</b>	3	30		11	69.11818	8.58741	2.589202	63.34908	74.88728
<b>Concentration_New*Time Point</b>	3	60		11	69.18182	10.85217	3.272053	61.89123	76.47241
<b>Concentration_New*Time Point</b>	3	120		11	69.65455	6.51358	1.963918	65.27866	74.03043
<b>Concentration_New*Time Point</b>	3	180		11	68.84545	7.49791	2.260706	63.80829	73.88262
<b>Concentration_New*Time Point</b>	4	30		11	67.48182	8.72580	2.630929	61.61974	73.34389
<b>Concentration_New*Time Point</b>	4	60		11	69.05455	11.35979	3.425104	61.42294	76.68615
<b>Concentration_New*Time Point</b>	4	120		11	71.64545	10.67692	3.219214	64.47260	78.81831
<b>Concentration_New*Time Point</b>	4	180		11	70.77273	8.37700	2.525761	65.14498	76.40047
<b>Obese (Y/N)*Time Point</b>	No	30		30	63.93667	9.27921	1.694145	60.47175	67.40158
<b>Obese (Y/N)*Time Point</b>	No	60		30	65.01333	10.42278	1.902930	61.12140	68.90526
<b>Obese (Y/N)*Time Point</b>	No	120		30	63.37000	8.12120	1.482722	60.33749	66.40251
<b>Obese (Y/N)*Time Point</b>	No	180		30	65.64333	10.56375	1.928669	61.69876	69.58790
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	69.85200	9.04185	1.808371	66.11971	73.58429
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	70.72400	10.36984	2.073968	66.44354	75.00446
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	72.16000	9.32215	1.864430	68.31201	76.00799
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	71.76400	9.57226	1.914453	67.81276	75.71524
<b>Sample(Obese (Y/N))</b>	1	No		20	67.24000	4.60382	1.029445	65.08535	69.39465
<b>Sample(Obese (Y/N))</b>	1	Yes		20	65.18500	4.93647	1.103828	62.87466	67.49534
<b>Sample(Obese (Y/N))</b>	2	No		20	63.56000	6.94121	1.552102	60.31141	66.80859
<b>Sample(Obese (Y/N))</b>	2	Yes		20	64.40500	9.53153	2.131314	59.94411	68.86589
<b>Sample(Obese (Y/N))</b>	3	No		20	73.64500	8.43567	1.886273	69.69699	77.59301
<b>Sample(Obese (Y/N))</b>	3	Yes		20	80.37000	6.46636	1.445922	77.34365	83.39635
<b>Sample(Obese (Y/N))</b>	4	No		20	66.21000	7.92696	1.772523	62.50007	69.91993
<b>Sample(Obese (Y/N))</b>	4	Yes		20	67.84000	6.67497	1.492568	64.71602	70.96398
<b>Sample(Obese (Y/N))</b>	5	No		20	61.79500	7.68700	1.718866	58.19737	65.39263

Sample(Obese (Y/N))	5	Yes		20	77.82500	5.83617	1.305008	75.09359	80.55641
Sample(Obese (Y/N))	6	No		20	54.49500	9.88659	2.210709	49.86793	59.12207
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	66.07500	2.61327	1.306634	61.91671	70.23329
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	65.32500	6.02017	3.010087	55.74556	74.90444
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	65.32500	5.37734	2.688672	56.76845	73.88155
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	61.80000	4.38254	2.191271	54.82640	68.77360
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	66.02500	3.73843	1.869213	60.07633	71.97367
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	63.92500	3.62342	1.811710	58.15933	69.69067
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	69.27500	4.41465	2.207327	62.25030	76.29970
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	70.75000	4.07145	2.035723	64.27142	77.22858
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	69.50000	6.63526	3.317630	58.94182	80.05818
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	64.12500	2.99486	1.497428	59.35951	68.89049
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	57.85000	5.50424	2.752120	49.09152	66.60848
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	69.90000	10.13838	5.069188	53.76758	86.03242
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	61.82500	7.04811	3.524054	50.60989	73.04011
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	62.45000	13.08600	6.542999	41.62726	83.27274
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	70.00000	6.66633	3.333167	59.39238	80.60762
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	55.82500	4.25000	2.125000	49.06230	62.58770
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	64.25000	7.82752	3.913758	51.79468	76.70532
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	65.07500	8.49524	4.247622	51.55717	78.59283
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	63.87500	3.98863	1.994315	57.52820	70.22180
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	68.77500	6.44586	3.222932	58.51819	79.03181
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	66.10000	11.18064	5.590319	48.30911	83.89089
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	84.40000	3.85487	1.927434	78.26605	90.53395
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	72.30000	3.93870	1.969348	66.03265	78.56735
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	81.70000	7.59298	3.796490	69.61788	93.78212

Sample*Concentration_New(Obese (Y/N))	3	2	No	4	73.47500	11.39660	5.698300	55.34047	91.60953
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	78.37500	5.73375	2.866873	69.25133	87.49867
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	77.10000	4.86210	2.431049	69.36332	84.83668
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	78.47500	10.20372	5.101858	62.23861	94.71139
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	79.25000	4.52585	2.262926	72.04836	86.45164
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	78.90000	4.28097	2.140483	72.08803	85.71197
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	66.07500	5.24619	2.623095	57.72714	74.42286
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	63.05000	4.62493	2.312466	55.69070	70.40930
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	65.22500	8.42432	4.212160	51.82003	78.62997
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	71.67500	4.93314	2.466568	63.82528	79.52472
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	63.95000	1.83576	0.917878	61.02890	66.87110
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	68.70000	11.98777	5.993886	49.62478	87.77522
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	64.87500	6.84903	3.424513	53.97667	75.77333
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	70.35000	1.43875	0.719375	68.06063	72.63937
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	70.92500	14.45853	7.229266	47.91825	93.93175
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	65.42500	4.82865	2.414324	57.74154	73.10846
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	64.70000	3.21248	1.606238	59.58823	69.81177
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	78.90000	5.21217	2.606083	70.60628	87.19372
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	61.27500	4.61474	2.307370	53.93192	68.61808
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	75.87500	8.17817	4.089086	62.86170	88.88830
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	56.15000	10.84143	5.420716	38.89886	73.40114
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	77.05000	7.27072	3.635359	65.48067	88.61933
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	63.87500	6.67402	3.337008	53.25515	74.49485
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	78.05000	3.22749	1.613743	72.91435	83.18565
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	62.97500	10.90027	5.450134	45.63024	80.31976
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	79.25000	6.94286	3.471431	68.20236	90.29764

Sample*Concentration_New(Obese (Y/N))	6	0	No	4	47.15000	6.43402	3.217012	36.91203	57.38797
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	47.40000	6.93446	3.467228	36.36573	58.43427
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	54.67500	4.11613	2.058063	48.12532	61.22468
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	59.12500	2.54477	1.272383	55.07571	63.17429
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	64.12500	14.65682	7.328412	40.80272	87.44728
Sample*Time Point(Obese (Y/N))	1	No	30	5	69.42000	3.74660	1.675530	64.76798	74.07202
Sample*Time Point(Obese (Y/N))	1	No	60	5	65.02000	2.93803	1.313925	61.37196	68.66804
Sample*Time Point(Obese (Y/N))	1	No	120	5	66.46000	7.06916	3.161424	57.68248	75.23752
Sample*Time Point(Obese (Y/N))	1	No	180	5	68.06000	3.78589	1.693104	63.35919	72.76081
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	64.22000	6.29778	2.816452	56.40028	72.03972
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	63.74000	2.96361	1.325368	60.06019	67.41981
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	65.26000	7.51086	3.358958	55.93404	74.58596
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	67.52000	0.54498	0.243721	66.84332	68.19668
Sample*Time Point(Obese (Y/N))	2	No	30	5	62.96000	8.58679	3.840130	52.29809	73.62191
Sample*Time Point(Obese (Y/N))	2	No	60	5	62.86000	7.59658	3.397293	53.42760	72.29240
Sample*Time Point(Obese (Y/N))	2	No	120	5	59.02000	3.35664	1.501133	54.85219	63.18781
Sample*Time Point(Obese (Y/N))	2	No	180	5	69.40000	4.08534	1.827019	64.32738	74.47262
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	62.68000	6.07264	2.715769	55.13982	70.22018
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	61.10000	8.04456	3.597638	51.11136	71.08864
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	67.22000	9.97357	4.460314	54.83618	79.60382
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	66.62000	14.03788	6.277930	49.18967	84.05033
Sample*Time Point(Obese (Y/N))	3	No	30	5	73.62000	13.07142	5.845716	57.38969	89.85031
Sample*Time Point(Obese (Y/N))	3	No	60	5	79.00000	3.89679	1.742699	74.16149	83.83851
Sample*Time Point(Obese (Y/N))	3	No	120	5	68.90000	2.92489	1.308052	65.26827	72.53173
Sample*Time Point(Obese (Y/N))	3	No	180	5	73.06000	8.88780	3.974745	62.02434	84.09566
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	77.86000	6.17924	2.763440	70.18746	85.53254

Sample*Time Point(Obese (Y/N))	3	Yes	60	5	81.86000	7.96825	3.563510	71.96611	91.75389
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	79.70000	5.41987	2.423840	72.97034	86.42966
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	82.06000	7.26519	3.249092	73.03907	91.08093
Sample*Time Point(Obese (Y/N))	4	No	30	5	62.14000	6.28673	2.811512	54.33399	69.94601
Sample*Time Point(Obese (Y/N))	4	No	60	5	68.42000	12.24631	5.476714	53.21420	83.62580
Sample*Time Point(Obese (Y/N))	4	No	120	5	64.12000	4.76361	2.130352	58.20519	70.03481
Sample*Time Point(Obese (Y/N))	4	No	180	5	70.16000	5.87478	2.627280	62.86550	77.45450
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	64.78000	4.94843	2.213007	58.63571	70.92429
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	71.28000	10.16720	4.546911	58.65575	83.90425
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	67.12000	4.00462	1.790922	62.14760	72.09240
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	68.18000	6.36019	2.844363	60.28278	76.07722
Sample*Time Point(Obese (Y/N))	5	No	30	5	60.78000	5.00370	2.237722	54.56709	66.99291
Sample*Time Point(Obese (Y/N))	5	No	60	5	62.08000	4.70500	2.104139	56.23797	67.92203
Sample*Time Point(Obese (Y/N))	5	No	120	5	63.46000	4.57744	2.047096	57.77635	69.14365
Sample*Time Point(Obese (Y/N))	5	No	180	5	60.86000	14.37369	6.428110	43.01271	78.70729
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	79.72000	3.65199	1.633218	75.18546	84.25454
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	75.64000	6.51790	2.914893	67.54696	83.73304
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	81.50000	4.27083	1.909974	76.19706	86.80294
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	74.44000	6.78734	3.035391	66.01240	82.86760
Sample*Time Point(Obese (Y/N))	6	No	30	5	54.70000	4.68402	2.094755	48.88403	60.51597
Sample*Time Point(Obese (Y/N))	6	No	60	5	52.70000	8.29759	3.710795	42.39718	63.00282
Sample*Time Point(Obese (Y/N))	6	No	120	5	58.26000	16.04861	7.177158	38.33301	78.18699
Sample*Time Point(Obese (Y/N))	6	No	180	5	52.32000	9.39292	4.200643	40.65715	63.98285

**Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)**

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Immotile- WHO - Mean	Immotile- WHO - Std.Dev.	Immotile- WHO - Std.Err	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%
<b>Total</b>				220	22.18864	11.31967	0.763172	20.68453	23.69274
<b>Concentration_New</b>	0			44	19.84091	9.62662	1.451267	16.91415	22.76767
<b>Concentration_New</b>	1			44	22.20227	12.00766	1.810223	18.55161	25.85294
<b>Concentration_New</b>	2			44	23.82045	12.15282	1.832106	20.12566	27.51525
<b>Concentration_New</b>	3			44	22.21364	10.68491	1.610810	18.96513	25.46215
<b>Concentration_New</b>	4			44	22.86591	12.04349	1.815624	19.20435	26.52746
<b>Obese (Y/N)</b>	No			120	22.29750	11.13983	1.016922	20.28389	24.31111
<b>Obese (Y/N)</b>	Yes			100	22.05800	11.58676	1.158676	19.75894	24.35706
<b>Time Point</b>	30			55	20.57455	10.68407	1.440640	17.68624	23.46285
<b>Time Point</b>	60			55	20.89636	11.07347	1.493147	17.90278	23.88994
<b>Time Point</b>	120			55	23.33091	11.25849	1.518095	20.28731	26.37451
<b>Time Point</b>	180			55	23.95273	12.13593	1.636408	20.67193	27.23353
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	19.08333	9.82303	2.005117	14.93543	23.23123
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	20.75000	9.55667	2.136937	16.27734	25.22266
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	22.38750	11.18805	2.283751	17.66320	27.11180
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	21.98000	13.21708	2.955429	15.79422	28.16578
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	23.13333	11.70680	2.389641	18.18998	28.07668
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	24.64500	12.92417	2.889932	18.59630	30.69370
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	23.15000	10.86926	2.218679	18.56031	27.73969
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	21.09000	10.62682	2.376230	16.11649	26.06351
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	23.73333	12.27920	2.506482	18.54828	28.91839
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	21.82500	11.98534	2.680003	16.21569	27.43431
<b>Concentration_New*Time Point</b>	0	30		11	19.68182	10.19743	3.074642	12.83109	26.53255
<b>Concentration_New*Time Point</b>	0	60		11	18.87273	9.46225	2.852976	12.51590	25.22955



<b>Concentration_New*Time Point</b>	0	120		11	19.94545	10.26249	3.094258	13.05102	26.83989
<b>Concentration_New*Time Point</b>	0	180		11	20.86364	9.87049	2.976064	14.23255	27.49472
<b>Concentration_New*Time Point</b>	1	30		11	18.39091	10.42425	3.143028	11.38781	25.39401
<b>Concentration_New*Time Point</b>	1	60		11	23.29091	12.28206	3.703179	15.03971	31.54211
<b>Concentration_New*Time Point</b>	1	120		11	24.40000	13.42468	4.047693	15.38118	33.41882
<b>Concentration_New*Time Point</b>	1	180		11	22.72727	12.54417	3.782209	14.29999	31.15456
<b>Concentration_New*Time Point</b>	2	30		11	22.30909	11.49012	3.464402	14.58992	30.02826
<b>Concentration_New*Time Point</b>	2	60		11	21.41818	10.59347	3.194052	14.30139	28.53497
<b>Concentration_New*Time Point</b>	2	120		11	25.57273	10.15028	3.060425	18.75368	32.39178
<b>Concentration_New*Time Point</b>	2	180		11	25.98182	16.44450	4.958204	14.93425	37.02938
<b>Concentration_New*Time Point</b>	3	30		11	19.56364	12.36999	3.729691	11.25337	27.87391
<b>Concentration_New*Time Point</b>	3	60		11	19.85455	10.78382	3.251443	12.60988	27.09921
<b>Concentration_New*Time Point</b>	3	120		11	23.25455	8.78674	2.649301	17.35154	29.15755
<b>Concentration_New*Time Point</b>	3	180		11	26.18182	10.58516	3.191546	19.07061	33.29303
<b>Concentration_New*Time Point</b>	4	30		11	22.92727	10.10298	3.046163	16.14000	29.71455
<b>Concentration_New*Time Point</b>	4	60		11	21.04545	13.45112	4.055666	12.00887	30.08204
<b>Concentration_New*Time Point</b>	4	120		11	23.48182	14.11629	4.256222	13.99837	32.96527
<b>Concentration_New*Time Point</b>	4	180		11	24.00909	11.65843	3.515148	16.17685	31.84133
<b>Obese (Y/N)*Time Point</b>	No	30		30	18.64667	10.65674	1.945645	14.66738	22.62596
<b>Obese (Y/N)*Time Point</b>	No	60		30	20.86000	9.80220	1.789629	17.19980	24.52020
<b>Obese (Y/N)*Time Point</b>	No	120		30	24.40000	10.69528	1.952682	20.40632	28.39368
<b>Obese (Y/N)*Time Point</b>	No	180		30	25.28333	12.46839	2.276406	20.62756	29.93911
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	22.88800	10.45894	2.091788	18.57076	27.20524
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	20.94000	12.64100	2.528201	15.72205	26.15795
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	22.04800	11.99302	2.398605	17.09752	26.99848
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	22.35600	11.77558	2.355116	17.49528	27.21672

Sample(Obese (Y/N))	1	No		20	28.19500	4.87318	1.089676	25.91428	30.47572
Sample(Obese (Y/N))	1	Yes		20	32.30000	4.83540	1.081227	30.03697	34.56303
Sample(Obese (Y/N))	2	No		20	26.21000	7.93824	1.775045	22.49479	29.92521
Sample(Obese (Y/N))	2	Yes		20	32.91500	10.05235	2.247774	28.21035	37.61965
Sample(Obese (Y/N))	3	No		20	6.56500	4.36726	0.976548	4.52106	8.60894
Sample(Obese (Y/N))	3	Yes		20	13.56000	7.47581	1.671643	10.06121	17.05879
Sample(Obese (Y/N))	4	No		20	22.49000	9.08173	2.030736	18.23962	26.74038
Sample(Obese (Y/N))	4	Yes		20	20.44500	8.06881	1.804242	16.66868	24.22132
Sample(Obese (Y/N))	5	No		20	30.73000	10.01447	2.239303	26.04308	35.41692
Sample(Obese (Y/N))	5	Yes		20	11.07000	3.70946	0.829461	9.33392	12.80608
Sample(Obese (Y/N))	6	No		20	19.59500	9.63265	2.153925	15.08678	24.10322
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	29.30000	3.63410	1.817049	23.51734	35.08266
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	29.72500	3.23458	1.617289	24.57806	34.87194
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	28.65000	6.78945	3.394726	17.84647	39.45353
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	35.87500	4.42822	2.214112	28.82871	42.92129
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	28.52500	3.35497	1.677486	23.18649	33.86351
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	34.37500	3.72592	1.862961	28.44623	40.30377
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	26.67500	4.61763	2.308815	19.32732	34.02268
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	26.87500	4.74649	2.373245	19.32228	34.42772
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	27.82500	7.29446	3.647231	16.21788	39.43212
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	34.65000	1.83576	0.917878	31.72890	37.57110
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	22.97500	3.39546	1.697731	17.57206	28.37794
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	25.90000	11.21130	5.605652	8.06031	43.73969
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	29.27500	3.89219	1.946097	23.08165	35.46835
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	34.55000	13.00372	6.501859	13.85818	55.24182
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	19.80000	8.05812	4.029061	6.97773	32.62227

Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	42.45000	4.81006	2.405029	34.79612	50.10388
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	26.85000	11.80325	5.901624	8.06840	45.63160
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	31.87500	9.18200	4.591001	17.26439	46.48561
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	32.15000	6.27030	3.135150	22.17255	42.12745
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	29.80000	5.74166	2.870830	20.66374	38.93626
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	5.10000	1.89912	0.949561	2.07807	8.12193
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	11.10000	2.80476	1.402379	6.63700	15.56300
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	6.92500	4.68143	2.340717	-0.52421	14.37421
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	14.77500	8.23099	4.115494	1.67766	27.87234
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	6.20000	3.35956	1.679782	0.85418	11.54582
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	14.37500	7.67349	3.836747	2.16476	26.58524
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	6.60000	6.42703	3.213513	-3.62683	16.82683
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	16.97500	11.46164	5.730819	-1.26303	35.21303
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	8.00000	6.05970	3.029851	-1.64234	17.64234
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	10.57500	7.05236	3.526182	-0.64688	21.79688
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	24.47500	5.49629	2.748143	15.72918	33.22082
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	25.27500	4.38587	2.192934	18.29611	32.25389
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	21.17500	11.07832	5.539160	3.54692	38.80308
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	16.02500	4.53973	2.269866	8.80127	23.24873
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	25.35000	4.89660	2.448299	17.55842	33.14158
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	17.20000	8.34945	4.174726	3.91416	30.48584
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	21.20000	11.40117	5.700585	3.05820	39.34180
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	19.97500	8.35399	4.176996	6.68194	33.26806
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	20.25000	13.71435	6.857174	-1.57259	42.07259
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	23.75000	12.12174	6.060872	4.46160	43.03840
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	23.52500	6.22328	3.111638	13.62238	33.42762

Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	11.75000	3.59676	1.798379	6.02676	17.47324
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	32.25000	8.53405	4.267025	18.67042	45.82958
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	8.67500	2.94661	1.473304	3.98629	13.36371
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	35.85000	16.29734	8.148671	9.91729	61.78271
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	14.82500	0.48563	0.242813	14.05226	15.59774
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	29.15000	7.11126	3.555629	17.83440	40.46560
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	9.75000	3.43754	1.718769	4.28011	15.21989
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	32.87500	9.52484	4.762418	17.71886	48.03114
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	10.35000	4.83701	2.418505	2.65324	18.04676
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	9.12500	5.01224	2.506118	1.14942	17.10058
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	16.05000	7.83603	3.918014	3.58113	28.51887
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	23.07500	3.94831	1.974156	16.79235	29.35765
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	28.42500	5.74884	2.874420	19.27731	37.57269
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	21.30000	12.86831	6.434154	0.82365	41.77635
Sample*Time Point(Obese (Y/N))	1	No	30	5	24.94000	4.61118	2.062183	19.21446	30.66554
Sample*Time Point(Obese (Y/N))	1	No	60	5	29.22000	2.58689	1.156892	26.00795	32.43205
Sample*Time Point(Obese (Y/N))	1	No	120	5	29.44000	6.66656	2.981376	21.16237	37.71763
Sample*Time Point(Obese (Y/N))	1	No	180	5	29.18000	4.76414	2.130587	23.26454	35.09546
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	31.64000	5.17040	2.312272	25.22010	38.05990
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	33.64000	2.49960	1.117855	30.53634	36.74366
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	32.94000	8.40762	3.760000	22.50057	43.37943
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	30.98000	1.38275	0.618385	29.26309	32.69691
Sample*Time Point(Obese (Y/N))	2	No	30	5	19.88000	10.76322	4.813460	6.51569	33.24431
Sample*Time Point(Obese (Y/N))	2	No	60	5	27.32000	5.63800	2.521389	20.31950	34.32050
Sample*Time Point(Obese (Y/N))	2	No	120	5	30.36000	7.77612	3.477585	20.70468	40.01532
Sample*Time Point(Obese (Y/N))	2	No	180	5	27.28000	4.07885	1.824116	22.21544	32.34456

Sample*Time Point(Obese (Y/N))	2	Yes	30	5	34.14000	6.66393	2.980201	25.86563	42.41437
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	35.64000	7.54771	3.375441	26.26827	45.01173
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	30.74000	10.25636	4.586785	18.00504	43.47496
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	31.14000	15.88735	7.105040	11.41325	50.86675
Sample*Time Point(Obese (Y/N))	3	No	30	5	3.18000	2.23204	0.998198	0.40856	5.95144
Sample*Time Point(Obese (Y/N))	3	No	60	5	9.38000	4.70234	2.102950	3.54127	15.21873
Sample*Time Point(Obese (Y/N))	3	No	120	5	9.22000	4.76886	2.132698	3.29868	15.14132
Sample*Time Point(Obese (Y/N))	3	No	180	5	4.48000	1.51228	0.676314	2.60225	6.35775
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	18.48000	7.86619	3.517869	8.71283	28.24717
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	12.24000	8.66447	3.874868	1.48164	22.99836
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	12.18000	6.75070	3.019006	3.79789	20.56211
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	11.34000	6.47827	2.897171	3.29616	19.38384
Sample*Time Point(Obese (Y/N))	4	No	30	5	16.60000	5.98916	2.678432	9.16348	24.03652
Sample*Time Point(Obese (Y/N))	4	No	60	5	15.88000	10.01434	4.478549	3.44555	28.31445
Sample*Time Point(Obese (Y/N))	4	No	120	5	30.34000	4.58181	2.049049	24.65093	36.02907
Sample*Time Point(Obese (Y/N))	4	No	180	5	27.14000	5.70815	2.552763	20.05239	34.22761
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	19.02000	5.85081	2.616563	11.75526	26.28474
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	11.10000	4.98849	2.230919	4.90598	17.29402
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	25.50000	5.09068	2.276620	19.17909	31.82091
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	26.16000	6.30500	2.819681	18.33131	33.98869
Sample*Time Point(Obese (Y/N))	5	No	30	5	30.12000	6.48205	2.898862	22.07147	38.16853
Sample*Time Point(Obese (Y/N))	5	No	60	5	25.18000	8.46682	3.786476	14.66706	35.69294
Sample*Time Point(Obese (Y/N))	5	No	120	5	30.76000	5.39657	2.413421	24.05927	37.46073
Sample*Time Point(Obese (Y/N))	5	No	180	5	36.86000	15.73556	7.037159	17.32172	56.39828
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	11.16000	4.48977	2.007884	5.58522	16.73478
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	12.08000	3.17836	1.421408	8.13354	16.02646

Sample*Time Point(Obese (Y/N))	5	Yes	120	5	8.88000	4.41950	1.976461	3.39246	14.36754
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	12.16000	2.60826	1.166448	8.92142	15.39858
Sample*Time Point(Obese (Y/N))	6	No	30	5	17.16000	8.96649	4.009938	6.02663	28.29337
Sample*Time Point(Obese (Y/N))	6	No	60	5	18.18000	9.82176	4.392425	5.98467	30.37533
Sample*Time Point(Obese (Y/N))	6	No	120	5	16.28000	10.50105	4.696211	3.24123	29.31877
Sample*Time Point(Obese (Y/N))	6	No	180	5	26.76000	8.11067	3.627203	16.68927	36.83073

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Static-Head - Mean	Static-Head - Std.Dev.	Static-Head - Std.Err	Static-Head - -95.00%	Static-Head - +95.00%
<b>Total</b>				220	438.9586	97.4522	6.57023	426.0097	451.9076
<b>Concentration_New</b>	0			44	444.4795	99.4976	14.99982	414.2295	474.7296
<b>Concentration_New</b>	1			44	446.2432	99.0188	14.92764	416.1387	476.3476
<b>Concentration_New</b>	2			44	435.3886	83.2219	12.54618	410.0869	460.6904
<b>Concentration_New</b>	3			44	426.0250	114.5180	17.26424	391.2083	460.8417
<b>Concentration_New</b>	4			44	442.6568	91.3216	13.76726	414.8925	470.4211
<b>Obese (Y/N)</b>	No			120	405.4300	94.0572	8.58621	388.4284	422.4316
<b>Obese (Y/N)</b>	Yes			100	479.1930	85.8871	8.58871	462.1511	496.2349
<b>Time Point</b>	30			55	446.0218	108.0403	14.56814	416.8144	475.2292
<b>Time Point</b>	60			55	431.3364	80.8003	10.89511	409.4930	453.1798
<b>Time Point</b>	120			55	433.7473	104.5896	14.10285	405.4728	462.0218
<b>Time Point</b>	180			55	444.7291	95.9344	12.93579	418.7944	470.6638
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	407.0583	88.5846	18.08226	369.6523	444.4643
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	489.3850	94.9419	21.22964	444.9508	533.8192
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	415.5417	105.3331	21.50103	371.0634	460.0199

Concentration_New*Obese (Y/N)	1	Yes		20	483.0850	78.3542	17.52053	446.4141	519.7559
Concentration_New*Obese (Y/N)	2	No		24	405.1333	71.7908	14.65424	374.8187	435.4479
Concentration_New*Obese (Y/N)	2	Yes		20	471.6950	83.0158	18.56289	432.8424	510.5476
Concentration_New*Obese (Y/N)	3	No		24	378.8083	113.7122	23.21140	330.7919	426.8248
Concentration_New*Obese (Y/N)	3	Yes		20	482.6850	88.4976	19.78867	441.2668	524.1032
Concentration_New*Obese (Y/N)	4	No		24	420.6083	87.4999	17.86085	383.6603	457.5563
Concentration_New*Obese (Y/N)	4	Yes		20	469.1150	90.8565	20.31613	426.5929	511.6371
Concentration_New*Time Point	0	30		11	457.5636	80.1736	24.17325	403.7023	511.4250
Concentration_New*Time Point	0	60		11	448.1273	83.4796	25.17005	392.0449	504.2096
Concentration_New*Time Point	0	120		11	441.1364	102.7692	30.98607	372.0951	510.1776
Concentration_New*Time Point	0	180		11	431.0909	134.9015	40.67433	340.4629	521.7190
Concentration_New*Time Point	1	30		11	443.4545	76.4515	23.05098	392.0938	494.8153
Concentration_New*Time Point	1	60		11	443.9727	106.9144	32.23591	372.1466	515.7988
Concentration_New*Time Point	1	120		11	446.7455	109.8902	33.13315	372.9202	520.5707
Concentration_New*Time Point	1	180		11	450.8000	113.0114	34.07421	374.8779	526.7221
Concentration_New*Time Point	2	30		11	446.1818	72.5139	21.86376	397.4663	494.8973
Concentration_New*Time Point	2	60		11	406.9909	80.8079	24.36451	352.7034	461.2784
Concentration_New*Time Point	2	120		11	450.4000	95.8030	28.88571	386.0386	514.7614
Concentration_New*Time Point	2	180		11	437.9818	86.8586	26.18886	379.6294	496.3342
Concentration_New*Time Point	3	30		11	411.4727	202.6243	61.09354	275.3478	547.5976
Concentration_New*Time Point	3	60		11	420.0636	66.9937	20.19936	375.0567	465.0706
Concentration_New*Time Point	3	120		11	416.8182	76.2745	22.99762	365.5763	468.0601
Concentration_New*Time Point	3	180		11	455.7455	60.7647	18.32126	414.9232	496.5678
Concentration_New*Time Point	4	30		11	471.4364	47.6208	14.35820	439.4443	503.4284
Concentration_New*Time Point	4	60		11	437.5273	67.2133	20.26559	392.3727	482.6818
Concentration_New*Time Point	4	120		11	413.6364	141.8661	42.77424	318.3294	508.9433

<b>Concentration_New*Time Point</b>	4	180		11	448.0273	83.9699	25.31787	391.6156	504.4390
<b>Obese (Y/N)*Time Point</b>	No	30		30	402.4100	115.4402	21.07641	359.3039	445.5161
<b>Obese (Y/N)*Time Point</b>	No	60		30	403.5800	80.9289	14.77552	373.3607	433.7993
<b>Obese (Y/N)*Time Point</b>	No	120		30	407.3733	99.9351	18.24556	370.0570	444.6897
<b>Obese (Y/N)*Time Point</b>	No	180		30	408.3567	80.0847	14.62139	378.4526	438.2608
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	498.3560	70.2161	14.04322	469.3722	527.3398
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	464.6440	68.2419	13.64838	436.4751	492.8129
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	465.3960	103.1125	20.62250	422.8332	507.9588
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	488.3760	96.5392	19.30785	448.5266	528.2254
<b>Sample(Obese (Y/N))</b>	1	No		20	431.2200	57.1835	12.78662	404.4573	457.9827
<b>Sample(Obese (Y/N))</b>	1	Yes		20	475.0100	54.4354	12.17213	449.5334	500.4866
<b>Sample(Obese (Y/N))</b>	2	No		20	436.2550	81.5930	18.24474	398.0683	474.4417
<b>Sample(Obese (Y/N))</b>	2	Yes		20	480.6550	75.9451	16.98185	445.1116	516.1984
<b>Sample(Obese (Y/N))</b>	3	No		20	406.2600	119.4563	26.71124	350.3527	462.1673
<b>Sample(Obese (Y/N))</b>	3	Yes		20	455.6050	95.6129	21.37969	410.8568	500.3532
<b>Sample(Obese (Y/N))</b>	4	No		20	430.7650	56.0392	12.53075	404.5378	456.9922
<b>Sample(Obese (Y/N))</b>	4	Yes		20	548.7550	74.9494	16.75920	513.6776	583.8324
<b>Sample(Obese (Y/N))</b>	5	No		20	450.4800	52.7061	11.78544	425.8128	475.1472
<b>Sample(Obese (Y/N))</b>	5	Yes		20	435.9400	85.3030	19.07433	396.0170	475.8630
<b>Sample(Obese (Y/N))</b>	6	No		20	277.6000	59.8301	13.37842	249.5987	305.6013
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	447.1500	37.6691	18.83456	387.2100	507.0900
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	473.1250	82.5005	41.25026	341.8483	604.4017
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	446.4750	46.4142	23.20709	372.6197	520.3303
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	508.4000	18.8731	9.43654	478.3687	538.4313
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	438.9750	51.4685	25.73426	357.0771	520.8729
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	489.0750	32.9266	16.46331	436.6814	541.4686



Sample*Concentration_New(Obese (Y/N))	1	3	No	4	432.6750	24.5428	12.27140	393.6219	471.7281
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	437.6750	79.4179	39.70897	311.3033	564.0467
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	390.8250	104.7750	52.38749	224.1046	557.5454
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	466.7750	22.5643	11.28217	430.8701	502.6799
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	475.7250	16.1211	8.06054	450.0728	501.3772
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	402.9500	121.6223	60.81116	209.4217	596.4783
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	445.0750	27.1498	13.57488	401.8737	488.2763
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	487.7000	67.7089	33.85444	379.9601	595.4399
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	408.6250	70.2740	35.13698	296.8035	520.4465
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	504.7500	39.8421	19.92107	441.3523	568.1477
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	375.9500	156.0283	78.01413	127.6742	624.2258
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	497.9250	51.2167	25.60834	416.4278	579.4222
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	475.9000	41.7137	20.85685	409.5242	542.2758
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	509.9500	50.0854	25.04271	430.2529	589.6471
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	418.7500	69.8013	34.90066	307.6805	529.8195
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	515.8000	50.2774	25.13868	435.7975	595.8025
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	473.5500	115.1168	57.55838	290.3735	656.7265
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	436.2250	31.1341	15.56703	386.6838	485.7662
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	422.4500	49.4382	24.71911	343.7828	501.1172
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	461.6250	144.1733	72.08665	232.2131	691.0369
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	285.4000	195.0994	97.54972	-25.0468	595.8468
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	415.0000	76.0003	38.00015	294.0666	535.9334
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	431.1500	69.6166	34.80830	320.3745	541.9255
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	449.3750	142.1570	71.07849	223.1715	675.5785
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	405.1250	42.9743	21.48714	336.7433	473.5067
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	592.5000	39.9725	19.98625	528.8948	656.1052

Sample*Concentration_New(Obese (Y/N))	4	1	No	4	443.8000	59.1131	29.55653	349.7379	537.8621
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	564.3750	86.3938	43.19688	426.9032	701.8468
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	441.2500	45.4449	22.72247	368.9369	513.5631
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	508.2500	53.7278	26.86390	422.7571	593.7429
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	416.2500	48.8514	24.42569	338.5166	493.9834
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	547.4250	102.8839	51.44196	383.7137	711.1363
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	447.4000	90.5361	45.26804	303.3369	591.4631
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	531.2250	86.9888	43.49439	392.8064	669.6436
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	446.7750	78.0957	39.04786	322.5073	571.0427
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	462.5500	70.5915	35.29574	350.2232	574.8768
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	462.2500	61.1829	30.59146	364.8943	559.6057
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	418.7250	85.8163	42.90817	282.1721	555.2779
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	434.5500	16.3960	8.19802	408.4602	460.6398
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	394.7750	75.0820	37.54101	275.3028	514.2472
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	443.4500	54.8925	27.44627	356.1037	530.7963
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	515.4000	90.4184	45.20920	371.5242	659.2758
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	465.3750	59.7175	29.85876	370.3511	560.3989
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	388.2500	69.8219	34.91095	277.1478	499.3522
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	248.8250	39.5121	19.75607	185.9524	311.6976
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	222.1000	29.8207	14.91034	174.6486	269.5514
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	284.9500	55.2535	27.62675	197.0293	372.8707
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	319.1250	54.9517	27.47585	231.6846	406.5654
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	313.0000	69.9638	34.98188	201.6721	424.3279
Sample*Time Point(Obese (Y/N))	1	No	30	5	415.7200	28.7021	12.83598	380.0816	451.3584
Sample*Time Point(Obese (Y/N))	1	No	60	5	461.0200	47.1337	21.07884	402.4958	519.5442
Sample*Time Point(Obese (Y/N))	1	No	120	5	413.2200	98.8752	44.21834	290.4502	535.9898

<b>Sample*Time Point(Obese (Y/N))</b>	1	No	180	5	434.9200	29.6329	13.25222	398.1259	471.7141
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	30	5	508.6200	53.7653	24.04459	441.8615	575.3785
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	60	5	483.4600	41.0127	18.34142	432.5361	534.3839
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	120	5	448.8400	71.9459	32.17520	359.5073	538.1727
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	180	5	459.1200	40.6609	18.18412	408.6328	509.6072
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	30	5	404.2600	146.9016	65.69641	221.8575	586.6625
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	60	5	433.5000	73.1921	32.73252	342.6199	524.3801
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	462.0600	44.1560	19.74714	407.2331	516.8869
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	445.2000	22.6784	10.14209	417.0410	473.3590
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	495.8200	27.5510	12.32118	461.6109	530.0291
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	472.3200	39.1310	17.49993	423.7324	520.9076
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	529.8000	51.1528	22.87621	466.2855	593.3145
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	424.6800	123.2057	55.09928	271.6999	577.6601
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	342.1400	196.8432	88.03095	97.7269	586.5531
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	429.7800	62.4563	27.93132	352.2302	507.3298
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	439.1800	113.8682	50.92343	297.7939	580.5661
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	413.9400	70.0606	31.33204	326.9483	500.9317
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	489.1800	41.8437	18.71305	437.2242	541.1358
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	453.4400	95.0490	42.50722	335.4210	571.4590
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	393.1400	143.5885	64.21471	214.8514	571.4286
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	486.6600	67.2531	30.07648	403.1543	570.1657
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	465.2400	46.7242	20.89571	407.2242	523.2558
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	377.9400	39.4593	17.64672	328.9449	426.9351
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	440.9400	71.3205	31.89549	352.3839	529.4961
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	180	5	438.9400	30.0562	13.44153	401.6203	476.2597
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	30	5	542.2400	74.6175	33.36995	449.5902	634.8898

Sample*Time Point(Obese (Y/N))	4	Yes	60	5	504.4600	81.8320	36.59639	402.8521	606.0679
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	543.3000	45.5664	20.37790	486.7219	599.8781
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	605.0200	76.4341	34.18238	510.1145	699.9255
Sample*Time Point(Obese (Y/N))	5	No	30	5	480.7000	41.8270	18.70561	428.7649	532.6351
Sample*Time Point(Obese (Y/N))	5	No	60	5	443.8000	38.2396	17.10126	396.3193	491.2807
Sample*Time Point(Obese (Y/N))	5	No	120	5	434.8400	62.3404	27.87948	357.4341	512.2459
Sample*Time Point(Obese (Y/N))	5	No	180	5	442.5800	67.2010	30.05319	359.1390	526.0210
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	455.9200	117.0902	52.36434	310.5333	601.3067
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	409.5400	50.4714	22.57148	346.8715	472.2085
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	411.9000	100.4449	44.92033	287.1812	536.6188
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	466.4000	70.4615	31.51135	378.9105	553.8895
Sample*Time Point(Obese (Y/N))	6	No	30	5	306.4000	51.4595	23.01339	242.5046	370.2954
Sample*Time Point(Obese (Y/N))	6	No	60	5	275.4400	59.2882	26.51448	201.8240	349.0560
Sample*Time Point(Obese (Y/N))	6	No	120	5	254.0000	44.0416	19.69601	199.3151	308.6849
Sample*Time Point(Obese (Y/N))	6	No	180	5	274.5600	84.5581	37.81555	169.5672	379.5528

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Slow-Head - Mean	Slow-Head - Std.Dev.	Slow-Head - Std.Err	Slow-Head - -95.00%	Slow-Head - +95.00%
Total				220	467.6091	76.6307	5.16644	457.4268	477.7914
Concentration_New	0			44	463.8636	73.5507	11.08818	441.5022	486.2251
Concentration_New	1			44	469.3045	86.0753	12.97633	443.1353	495.4738
Concentration_New	2			44	463.7795	76.9328	11.59805	440.3898	487.1693
Concentration_New	3			44	468.3227	71.8235	10.82780	446.4864	490.1591
Concentration_New	4			44	472.7750	77.1461	11.63021	449.3205	496.2295

<b>Obese (Y/N)</b>	No			120	453.0033	71.8819	6.56189	440.0101	465.9965
<b>Obese (Y/N)</b>	Yes			100	485.1360	78.8063	7.88063	469.4991	500.7729
<b>Time Point</b>	30			55	478.1436	83.2774	11.22912	455.6306	500.6567
<b>Time Point</b>	60			55	466.1400	68.9535	9.29769	447.4993	484.7807
<b>Time Point</b>	120			55	465.5982	70.7644	9.54187	446.4679	484.7285
<b>Time Point</b>	180			55	460.5545	83.3543	11.23949	438.0207	483.0884
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	444.9958	73.2803	14.95827	414.0523	475.9394
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	486.5050	68.9435	15.41622	454.2385	518.7715
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	445.5583	76.6607	15.64829	413.1874	477.9293
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	497.8000	89.9251	20.10787	455.7137	539.8863
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	448.2833	64.6079	13.18804	421.0018	475.5649
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	482.3750	87.6046	19.58900	441.3748	523.3752
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	460.2833	73.4549	14.99393	429.2660	491.3006
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	477.9700	70.4529	15.75375	444.9970	510.9430
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	465.8958	74.4326	15.19350	434.4657	497.3260
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	481.0300	81.4318	18.20870	442.9188	519.1412
<b>Concentration_New*Time Point</b>	0	30		11	488.5636	78.3932	23.63644	435.8984	541.2289
<b>Concentration_New*Time Point</b>	0	60		11	477.2182	63.0617	19.01381	434.8528	519.5836
<b>Concentration_New*Time Point</b>	0	120		11	454.4182	78.2087	23.58080	401.8769	506.9595
<b>Concentration_New*Time Point</b>	0	180		11	435.2545	71.8130	21.65244	387.0099	483.4992
<b>Concentration_New*Time Point</b>	1	30		11	486.5727	91.2727	27.51977	425.2549	547.8906
<b>Concentration_New*Time Point</b>	1	60		11	480.8091	100.1348	30.19179	413.5376	548.0806
<b>Concentration_New*Time Point</b>	1	120		11	445.3818	74.9462	22.59711	395.0323	495.7313
<b>Concentration_New*Time Point</b>	1	180		11	464.4545	82.1880	24.78060	409.2399	519.6692
<b>Concentration_New*Time Point</b>	2	30		11	486.1545	77.4592	23.35483	434.1167	538.1924
<b>Concentration_New*Time Point</b>	2	60		11	451.2818	63.0445	19.00864	408.9279	493.6357

<b>Concentration_New*Time Point</b>	2	120		11	459.4000	60.5587	18.25913	418.7161	500.0839
<b>Concentration_New*Time Point</b>	2	180		11	458.2818	105.0307	31.66796	387.7212	528.8424
<b>Concentration_New*Time Point</b>	3	30		11	462.4455	91.9793	27.73281	400.6529	524.2380
<b>Concentration_New*Time Point</b>	3	60		11	460.2273	59.9946	18.08905	419.9224	500.5322
<b>Concentration_New*Time Point</b>	3	120		11	482.4727	66.1432	19.94293	438.0371	526.9083
<b>Concentration_New*Time Point</b>	3	180		11	468.1455	73.6018	22.19177	418.6991	517.5918
<b>Concentration_New*Time Point</b>	4	30		11	466.9818	88.5270	26.69188	407.5086	526.4550
<b>Concentration_New*Time Point</b>	4	60		11	461.1636	58.4536	17.62442	421.8940	500.4333
<b>Concentration_New*Time Point</b>	4	120		11	486.3182	76.4881	23.06204	434.9327	537.7036
<b>Concentration_New*Time Point</b>	4	180		11	476.6364	89.9102	27.10896	416.2338	537.0389
<b>Obese (Y/N)*Time Point</b>	No	30		30	448.3600	71.8238	13.11317	421.5406	475.1794
<b>Obese (Y/N)*Time Point</b>	No	60		30	461.2833	66.5644	12.15294	436.4278	486.1389
<b>Obese (Y/N)*Time Point</b>	No	120		30	462.1933	73.7104	13.45762	434.6694	489.7173
<b>Obese (Y/N)*Time Point</b>	No	180		30	440.1767	76.3481	13.93920	411.6678	468.6855
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	513.8840	83.2539	16.65079	479.5185	548.2495
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	471.9680	72.6571	14.53142	441.9766	501.9594
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	469.6840	68.3379	13.66758	441.4755	497.8925
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	485.0080	86.2988	17.25977	449.3856	520.6304
<b>Sample(Obese (Y/N))</b>	1	No		20	457.0150	45.7992	10.24100	435.5803	478.4497
<b>Sample(Obese (Y/N))</b>	1	Yes		20	511.3050	30.8857	6.90625	496.8501	525.7599
<b>Sample(Obese (Y/N))</b>	2	No		20	473.4050	48.4659	10.83731	450.7223	496.0877
<b>Sample(Obese (Y/N))</b>	2	Yes		20	486.0050	51.6375	11.54650	461.8379	510.1721
<b>Sample(Obese (Y/N))</b>	3	No		20	410.5400	39.6596	8.86815	391.9787	429.1013
<b>Sample(Obese (Y/N))</b>	3	Yes		20	458.2900	36.7331	8.21378	441.0984	475.4816
<b>Sample(Obese (Y/N))</b>	4	No		20	499.6050	38.3327	8.57144	481.6648	517.5452
<b>Sample(Obese (Y/N))</b>	4	Yes		20	572.3050	89.4994	20.01267	530.4180	614.1920

Sample(Obese (Y/N))	5	No		20	526.8250	42.2778	9.45360	507.0384	546.6116
Sample(Obese (Y/N))	5	Yes		20	397.7750	43.2154	9.66326	377.5496	418.0004
Sample(Obese (Y/N))	6	No		20	350.6300	40.9644	9.15991	331.4581	369.8019
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	450.7250	26.3983	13.19914	408.7194	492.7306
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	527.2250	27.8761	13.93804	482.8679	571.5821
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	469.4500	70.4616	35.23080	357.3299	581.5701
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	489.6750	9.1722	4.58610	475.0800	504.2700
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	444.9750	66.5047	33.25233	339.1513	550.7987
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	520.8000	37.2203	18.61017	461.5741	580.0259
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	469.3500	23.3144	11.65722	432.2515	506.4485
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	501.2000	27.4145	13.70724	457.5775	544.8225
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	450.5750	44.1140	22.05702	380.3797	520.7703
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	517.6250	42.0959	21.04794	450.6411	584.6089
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	499.1250	21.5970	10.79849	464.7594	533.4906
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	475.5500	72.7340	36.36698	359.8140	591.2860
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	466.2250	36.1495	18.07477	408.7030	523.7470
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	494.7000	31.0220	15.51102	445.3370	544.0630
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	478.2250	18.8236	9.41182	448.2724	508.1776
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	511.9500	51.7681	25.88405	429.5754	594.3246
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	437.1250	97.6210	48.81052	281.7881	592.4619
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	490.9250	48.1181	24.05904	414.3584	567.4916
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	486.3250	16.1225	8.06126	460.6705	511.9795
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	456.9000	57.7384	28.86919	365.0254	548.7746
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	416.3000	21.0753	10.53763	382.7646	449.8354
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	450.3250	13.9134	6.95670	428.1857	472.4643
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	388.2750	23.2322	11.61611	351.3074	425.2426

Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	486.1000	37.3787	18.68935	426.6222	545.5778
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	406.5500	24.9923	12.49617	366.7816	446.3184
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	444.3750	60.3333	30.16666	348.3712	540.3788
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	431.2750	60.8832	30.44162	334.3962	528.1538
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	445.8250	16.9392	8.46959	418.8710	472.7790
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	410.3000	57.8492	28.92459	318.2491	502.3509
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	464.8250	37.2809	18.64043	405.5028	524.1472
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	481.5250	58.8281	29.41407	387.9163	575.1337
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	562.2000	61.5722	30.78612	464.2248	660.1752
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	503.4250	10.9473	5.47363	486.0055	520.8445
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	617.0750	112.2124	56.10618	438.5201	795.6299
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	503.7250	16.4656	8.23280	477.5246	529.9254
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	552.0000	118.3255	59.16274	363.7178	740.2822
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	491.5250	37.7617	18.88087	431.4376	551.6124
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	552.4000	92.5798	46.28990	405.0849	699.7151
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	517.8250	54.9626	27.48131	430.3672	605.2828
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	577.8500	88.5920	44.29602	436.8803	718.8197
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	506.4000	17.7112	8.85560	478.2175	534.5825
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	417.2250	43.5446	21.77232	347.9358	486.5142
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	516.5500	44.1477	22.07387	446.3011	586.7989
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	401.4500	67.4506	33.72532	294.1210	508.7790
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	499.6000	40.7612	20.38059	434.7399	564.4601
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	382.7500	46.2824	23.14122	309.1043	456.3957
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	557.0750	20.8377	10.41884	523.9176	590.2324
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	399.5000	39.9230	19.96150	335.9736	463.0264
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	554.5000	55.0936	27.54678	466.8339	642.1661



Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	387.9500	26.2725	13.13624	346.1446	429.7554
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	315.9000	41.3799	20.68997	250.0553	381.7447
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	329.4250	36.0952	18.04759	271.9895	386.8605
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	356.6250	48.2107	24.10537	279.9109	433.3391
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	375.3500	19.1921	9.59605	344.8111	405.8889
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	375.8500	31.6471	15.82353	325.4925	426.2075
Sample*Time Point(Obese (Y/N))	1	No	30	5	429.9800	35.0336	15.66750	386.4801	473.4799
Sample*Time Point(Obese (Y/N))	1	No	60	5	474.0400	44.8963	20.07824	418.2939	529.7861
Sample*Time Point(Obese (Y/N))	1	No	120	5	498.0400	11.0733	4.95213	484.2907	511.7893
Sample*Time Point(Obese (Y/N))	1	No	180	5	426.0000	44.8957	20.07795	370.2547	481.7453
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	505.9600	48.2674	21.58582	446.0282	565.8918
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	519.2600	30.2600	13.53269	481.6872	556.8328
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	513.4400	21.3192	9.53423	486.9687	539.9113
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	506.5600	26.1261	11.68395	474.1202	538.9998
Sample*Time Point(Obese (Y/N))	2	No	30	5	454.9800	92.1337	41.20346	340.5808	569.3792
Sample*Time Point(Obese (Y/N))	2	No	60	5	489.7000	17.6654	7.90019	467.7656	511.6344
Sample*Time Point(Obese (Y/N))	2	No	120	5	483.2200	32.2820	14.43695	443.1366	523.3034
Sample*Time Point(Obese (Y/N))	2	No	180	5	465.7200	19.0830	8.53419	442.0253	489.4147
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	522.5000	43.4227	19.41924	468.5835	576.4165
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	467.6800	23.1419	10.34937	438.9456	496.4144
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	504.0000	26.7182	11.94872	470.8250	537.1750
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	449.8400	73.5279	32.88266	358.5431	541.1369
Sample*Time Point(Obese (Y/N))	3	No	30	5	395.5000	26.8870	12.02423	362.1154	428.8846
Sample*Time Point(Obese (Y/N))	3	No	60	5	436.0400	50.1802	22.44125	373.7331	498.3469
Sample*Time Point(Obese (Y/N))	3	No	120	5	422.8200	47.0510	21.04185	364.3985	481.2415
Sample*Time Point(Obese (Y/N))	3	No	180	5	387.8000	9.2728	4.14693	376.2863	399.3137

<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	475.7200	13.9469	6.23726	458.4026	493.0374
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	446.2800	10.7906	4.82570	432.8817	459.6783
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	431.9400	54.3143	24.29007	364.4999	499.3801
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	479.2200	34.2455	15.31507	436.6985	521.7415
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	515.9400	13.2933	5.94496	499.4341	532.4459
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	497.4000	34.0218	15.21503	455.1563	539.6437
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	513.7600	38.8538	17.37595	465.5166	562.0034
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	180	5	471.3200	50.4547	22.56403	408.6722	533.9678
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	30	5	643.5000	33.5648	15.01063	601.8238	685.1762
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	60	5	519.0600	132.3747	59.19974	354.6952	683.4248
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	120	5	523.8000	39.7369	17.77090	474.4601	573.1399
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	180	5	602.8600	61.9020	27.68340	525.9986	679.7214
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	30	5	527.3000	28.2789	12.64670	492.1871	562.4129
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	60	5	521.6000	29.5625	13.22074	484.8933	558.3067
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	120	5	507.3800	67.4925	30.18355	423.5770	591.1830
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	180	5	551.0200	31.9771	14.30061	511.3151	590.7249
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	30	5	421.7400	49.4521	22.11564	360.3371	483.1429
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	60	5	407.5600	31.3463	14.01851	368.6384	446.4816
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	120	5	375.2400	43.2057	19.32218	321.5930	428.8870
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	180	5	386.5600	44.1198	19.73096	331.7781	441.3419
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	30	5	366.4600	11.5084	5.14671	352.1704	380.7496
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	60	5	348.9200	35.7328	15.98019	304.5519	393.2881
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	120	5	347.9400	60.4757	27.04557	272.8495	423.0305
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	180	5	339.2000	49.1431	21.97747	278.1808	400.2192

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Medium-Head - Mean	Medium-Head - Std.Dev.	Medium-Head - Std.Err	Medium-Head - -95.00%	Medium-Head - +95.00%
<b>Total</b>				220	508.0418	158.3490	10.6759	487.0012	529.082
<b>Concentration_New</b>	0			44	534.0023	150.5771	22.7003	488.2227	579.782
<b>Concentration_New</b>	1			44	521.6341	152.6813	23.0176	475.2147	568.053
<b>Concentration_New</b>	2			44	523.7000	176.7867	26.6516	469.9519	577.448
<b>Concentration_New</b>	3			44	468.3114	161.2352	24.3071	419.2914	517.331
<b>Concentration_New</b>	4			44	492.5614	146.5576	22.0944	448.0038	537.119
<b>Obese (Y/N)</b>	No			120	523.2742	115.9529	10.5850	502.3148	544.234
<b>Obese (Y/N)</b>	Yes			100	489.7630	196.6916	19.6692	450.7351	528.791
<b>Time Point</b>	30			55	546.7564	167.3928	22.5712	501.5037	592.009
<b>Time Point</b>	60			55	512.6964	129.9271	17.5194	477.5722	547.821
<b>Time Point</b>	120			55	504.4073	153.7524	20.7320	462.8422	545.972
<b>Time Point</b>	180			55	468.3073	173.1451	23.3469	421.4996	515.115
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	518.5292	88.1923	18.0022	481.2888	555.770
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	552.5700	203.0589	45.4054	457.5355	647.605
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	520.9542	129.4045	26.4146	466.3114	575.597
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	522.4500	180.2377	40.3024	438.0962	606.804
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	553.4458	138.7242	28.3170	494.8678	612.024
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	488.0050	212.0778	47.4220	388.7495	587.260
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	495.9000	95.3036	19.4538	455.6568	536.143
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	435.2050	213.8335	47.8146	335.1279	535.282
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	527.5417	122.2013	24.9442	475.9406	579.143
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	450.5850	164.7219	36.8329	373.4928	527.677

<b>Concentration_New*Time Point</b>	0	30		11	599.0545	186.3798	56.1956	473.8429	724.266
<b>Concentration_New*Time Point</b>	0	60		11	513.8000	115.9504	34.9604	435.9034	591.697
<b>Concentration_New*Time Point</b>	0	120		11	500.3364	108.5463	32.7279	427.4140	573.259
<b>Concentration_New*Time Point</b>	0	180		11	522.8182	176.1913	53.1237	404.4513	641.185
<b>Concentration_New*Time Point</b>	1	30		11	536.0000	163.2948	49.2352	426.2970	645.703
<b>Concentration_New*Time Point</b>	1	60		11	529.4364	104.8007	31.5986	459.0303	599.842
<b>Concentration_New*Time Point</b>	1	120		11	539.5364	211.0996	63.6489	397.7177	681.355
<b>Concentration_New*Time Point</b>	1	180		11	481.5636	124.9626	37.6776	397.6126	565.515
<b>Concentration_New*Time Point</b>	2	30		11	588.6545	148.3649	44.7337	488.9817	688.327
<b>Concentration_New*Time Point</b>	2	60		11	471.1455	198.4794	59.8438	337.8052	604.486
<b>Concentration_New*Time Point</b>	2	120		11	521.3364	152.4572	45.9676	418.9143	623.758
<b>Concentration_New*Time Point</b>	2	180		11	513.6636	204.8040	61.7507	376.0744	651.253
<b>Concentration_New*Time Point</b>	3	30		11	517.7091	185.5170	55.9355	393.0771	642.341
<b>Concentration_New*Time Point</b>	3	60		11	493.6455	107.1062	32.2937	421.6906	565.600
<b>Concentration_New*Time Point</b>	3	120		11	488.9636	167.8862	50.6196	376.1762	601.751
<b>Concentration_New*Time Point</b>	3	180		11	372.9273	154.4178	46.5587	269.1880	476.667
<b>Concentration_New*Time Point</b>	4	30		11	492.3636	155.6572	46.9324	387.7917	596.936
<b>Concentration_New*Time Point</b>	4	60		11	555.4545	106.0430	31.9732	484.2139	626.695
<b>Concentration_New*Time Point</b>	4	120		11	471.8636	129.4691	39.0364	384.8851	558.842
<b>Concentration_New*Time Point</b>	4	180		11	450.5636	182.6504	55.0712	327.8575	573.270
<b>Obese (Y/N)*Time Point</b>	No	30		30	522.5300	114.9744	20.9914	479.5979	565.462
<b>Obese (Y/N)*Time Point</b>	No	60		30	541.9333	97.5496	17.8100	505.5077	578.359
<b>Obese (Y/N)*Time Point</b>	No	120		30	526.0533	117.0200	21.3648	482.3573	569.749
<b>Obese (Y/N)*Time Point</b>	No	180		30	502.5800	133.9057	24.4477	452.5788	552.581
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	575.8280	213.2105	42.6421	487.8190	663.837
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	477.6120	155.3488	31.0698	413.4872	541.737

<b>Obese (Y/N)*Time Point</b>	Yes	120		25	478.4320	188.0278	37.6056	400.8179	556.046
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	427.1800	206.2929	41.2586	342.0265	512.334
<b>Sample(Obese (Y/N))</b>	1	No		20	509.2900	108.1952	24.1932	458.6531	559.927
<b>Sample(Obese (Y/N))</b>	1	Yes		20	540.8650	191.8727	42.9040	451.0658	630.664
<b>Sample(Obese (Y/N))</b>	2	No		20	574.6550	84.3534	18.8620	535.1764	614.134
<b>Sample(Obese (Y/N))</b>	2	Yes		20	468.6650	236.1744	52.8102	358.1320	579.198
<b>Sample(Obese (Y/N))</b>	3	No		20	421.3850	56.2266	12.5726	395.0701	447.700
<b>Sample(Obese (Y/N))</b>	3	Yes		20	428.3300	123.6184	27.6419	370.4748	486.185
<b>Sample(Obese (Y/N))</b>	4	No		20	603.1800	110.4873	24.7057	551.4703	654.890
<b>Sample(Obese (Y/N))</b>	4	Yes		20	643.4550	190.1100	42.5099	554.4808	732.429
<b>Sample(Obese (Y/N))</b>	5	No		20	586.8900	112.6432	25.1878	534.1713	639.609
<b>Sample(Obese (Y/N))</b>	5	Yes		20	367.5000	98.8760	22.1093	321.2246	413.775
<b>Sample(Obese (Y/N))</b>	6	No		20	444.2450	76.5620	17.1198	408.4129	480.077
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	503.6250	58.2835	29.1417	410.8830	596.367
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	652.8750	186.2190	93.1095	356.5591	949.191
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	523.5000	150.1410	75.0705	284.5922	762.408
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	625.9250	58.4155	29.2077	532.9729	718.877
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	522.5500	153.4537	76.7268	278.3710	766.729
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	635.6500	127.0557	63.5279	433.4760	837.824
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	533.9250	40.9904	20.4952	468.7002	599.150
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	423.7000	151.6971	75.8485	182.3161	665.084
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	462.8500	136.8962	68.4481	245.0176	680.682
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	Yes	4	366.1750	242.0145	121.0072	-18.9240	751.274
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	No	4	574.1750	32.3158	16.1579	522.7534	625.597
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	Yes	4	460.9250	224.4456	112.2228	103.7819	818.068
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	1	No	4	542.5000	46.4493	23.2247	468.5888	616.411

Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	374.6000	245.3308	122.6654	-15.7761	764.976
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	662.3500	53.6858	26.8429	576.9238	747.776
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	421.1000	242.6631	121.3315	34.9689	807.231
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	517.5750	103.5003	51.7501	352.8829	682.267
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	585.5500	362.0255	181.0127	9.4867	1161.613
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	576.6750	110.8427	55.4213	400.2996	753.050
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	501.1500	135.0365	67.5183	286.2768	716.023
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	464.7250	23.6709	11.8354	427.0594	502.391
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	442.8750	128.0330	64.0165	239.1460	646.604
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	451.9750	60.3097	30.1549	356.0088	547.941
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	487.9000	169.1481	84.5741	218.7476	757.052
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	377.8000	52.8359	26.4180	293.7263	461.874
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	399.9500	106.8899	53.4450	229.8643	570.036
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	422.0500	48.2832	24.1416	345.2206	498.879
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	374.1250	117.2949	58.6474	187.4827	560.767
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	390.3750	55.9835	27.9918	301.2927	479.457
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	436.8000	128.4338	64.2169	232.4332	641.167
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	595.4500	88.3348	44.1674	454.8896	736.010
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	768.4750	181.3420	90.6710	479.9194	1057.031
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	670.5000	81.5508	40.7754	540.7345	800.265
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	686.6250	101.2690	50.6345	525.4834	847.767
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	667.5750	22.9039	11.4520	631.1298	704.020
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	639.7000	292.9939	146.4969	173.4814	1105.919
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	485.2000	151.9387	75.9693	243.4317	726.968
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	512.9500	205.1287	102.5644	186.5444	839.356
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	597.1750	94.8257	47.4128	446.2862	748.064

Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	609.5250	101.2280	50.6140	448.4486	770.601
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	576.6750	66.3114	33.1557	471.1588	682.191
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	437.7000	80.0451	40.0226	310.3304	565.070
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	528.1250	192.4951	96.2476	221.8223	834.428
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	437.2000	112.4022	56.2011	258.3430	616.057
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	634.8000	115.9397	57.9698	450.3141	819.286
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	343.6250	93.3109	46.6555	195.1465	492.104
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	563.4250	84.9731	42.4865	428.2139	698.636
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	279.7000	63.9473	31.9737	177.9455	381.454
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	631.4250	84.0464	42.0232	497.6884	765.162
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	339.2750	70.2213	35.1107	227.5372	451.013
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	396.5250	43.5927	21.7963	327.1593	465.891
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	409.1250	52.9817	26.4909	324.8193	493.431
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	455.6000	84.6960	42.3480	320.8298	590.370
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	453.2250	78.2214	39.1107	328.7573	577.693
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	506.7500	94.6339	47.3170	356.1663	657.334
Sample*Time Point(Obese (Y/N))	1	No	30	5	452.0800	45.9842	20.5648	394.9831	509.177
Sample*Time Point(Obese (Y/N))	1	No	60	5	563.0400	49.2751	22.0365	501.8569	624.223
Sample*Time Point(Obese (Y/N))	1	No	120	5	614.8000	74.5280	33.3299	522.2612	707.339
Sample*Time Point(Obese (Y/N))	1	No	180	5	407.2400	104.2675	46.6298	277.7748	536.705
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	514.9400	263.1392	117.6794	188.2095	841.670
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	562.5200	134.3053	60.0632	395.7579	729.282
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	576.8800	132.5700	59.2871	412.2726	741.487
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	509.1200	256.3388	114.6382	190.8333	827.407
Sample*Time Point(Obese (Y/N))	2	No	30	5	547.0400	101.1901	45.2536	421.3959	672.684
Sample*Time Point(Obese (Y/N))	2	No	60	5	625.1800	42.2225	18.8825	572.7539	677.606

<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	530.6600	73.8003	33.0045	439.0248	622.295
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	595.7400	95.9718	42.9199	476.5753	714.905
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	718.9400	173.9369	77.7869	502.9689	934.911
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	476.0000	204.5352	91.4709	222.0360	729.964
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	415.5800	222.1921	99.3673	139.6920	691.468
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	264.1400	96.5111	43.1611	144.3056	383.974
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	409.7600	50.3832	22.5321	347.2010	472.319
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	440.0200	53.8818	24.0967	373.1169	506.923
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	403.7800	51.3561	22.9671	340.0130	467.547
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	431.9800	76.2029	34.0790	337.3616	526.598
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	442.5400	74.5863	33.3560	349.9288	535.151
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	413.1400	114.5912	51.2467	270.8563	555.424
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	446.6200	193.3130	86.4522	206.5902	686.650
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	411.0200	123.2458	55.1172	257.9902	564.050
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	678.0800	34.2371	15.3113	635.5691	720.591
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	607.4400	54.2546	24.2634	540.0740	674.806
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	597.2000	146.2769	65.4170	415.5733	778.827
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	180	5	530.0000	136.7430	61.1533	360.2111	699.789
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	30	5	786.9200	149.5992	66.9028	601.1681	972.672
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	60	5	521.9000	208.4170	93.2069	263.1161	780.684
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	120	5	657.0600	70.1516	31.3728	569.9552	744.165
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	180	5	607.9400	234.3703	104.8136	316.9308	898.949
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	30	5	622.4800	30.8113	13.7792	584.2227	660.737
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	60	5	598.0800	41.7366	18.6652	546.2571	649.903
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	120	5	584.6000	77.5062	34.6618	488.3633	680.837
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	180	5	542.4000	217.6035	97.3152	272.2096	812.590



Sample*Time Point(Obese (Y/N))	5	Yes	30	5	415.8000	71.8282	32.1225	326.6135	504.986
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	414.5000	81.9556	36.6517	312.7386	516.261
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	296.0200	55.6404	24.8831	226.9333	365.107
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	343.6800	136.7222	61.1440	173.9170	513.443
Sample*Time Point(Obese (Y/N))	6	No	30	5	425.7400	39.1234	17.4965	377.1618	474.318
Sample*Time Point(Obese (Y/N))	6	No	60	5	417.8400	80.2196	35.8753	318.2342	517.446
Sample*Time Point(Obese (Y/N))	6	No	120	5	425.2800	79.8171	35.6953	326.1739	524.386
Sample*Time Point(Obese (Y/N))	6	No	180	5	508.1200	81.5935	36.4897	406.8083	609.432

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Rapid-Head - Mean	Rapid-Head - Std.Dev.	Rapid-Head - Std.Err	Rapid-Head - -95.00%	Rapid-Head - +95.00%
Total				220	534.9286	255.7772	17.2445	500.942	568.915
Concentration_New	0			44	609.7364	182.2274	27.4718	554.334	665.139
Concentration_New	1			44	595.4955	264.2934	39.8437	515.143	675.848
Concentration_New	2			44	536.1682	246.8014	37.2067	461.134	611.203
Concentration_New	3			44	492.2318	230.4403	34.7402	422.172	562.292
Concentration_New	4			44	441.0114	309.4377	46.6495	346.934	535.089
Obese (Y/N)	No			120	552.6600	244.8084	22.3478	508.409	596.911
Obese (Y/N)	Yes			100	513.6510	268.0383	26.8038	460.466	566.836
Time Point	30			55	598.9291	210.7967	28.4238	541.943	655.915
Time Point	60			55	602.2455	227.3558	30.6566	540.783	663.708
Time Point	120			55	512.2327	257.9978	34.7884	442.486	581.979
Time Point	180			55	426.3073	285.1397	38.4482	349.223	503.391
Concentration_New*Obese (Y/N)	0	No		24	633.8000	148.7188	30.3571	571.002	696.598

<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	580.8600	216.2628	48.3578	479.646	682.074
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	605.5125	247.3583	50.4918	501.062	709.963
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	583.4750	289.3744	64.7061	448.044	718.906
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	605.2667	239.4881	48.8853	504.140	706.394
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	453.2500	234.8478	52.5136	343.338	563.162
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	495.7000	226.1374	46.1601	400.211	591.189
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	488.0700	241.3347	53.9641	375.122	601.018
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	423.0208	291.0110	59.4024	300.138	545.904
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	462.6000	336.5790	75.2613	305.076	620.124
<b>Concentration_New*Time Point</b>	0	30		11	666.9909	194.5241	58.6512	536.308	797.674
<b>Concentration_New*Time Point</b>	0	60		11	640.1818	155.1678	46.7849	535.939	744.425
<b>Concentration_New*Time Point</b>	0	120		11	595.8091	151.2805	45.6128	494.177	697.441
<b>Concentration_New*Time Point</b>	0	180		11	535.9636	217.1669	65.4783	390.069	681.858
<b>Concentration_New*Time Point</b>	1	30		11	628.5000	176.4484	53.2012	509.960	747.040
<b>Concentration_New*Time Point</b>	1	60		11	698.5636	164.7760	49.6818	587.866	809.262
<b>Concentration_New*Time Point</b>	1	120		11	632.5091	213.4350	64.3531	489.122	775.897
<b>Concentration_New*Time Point</b>	1	180		11	422.4091	386.2307	116.4530	162.936	681.882
<b>Concentration_New*Time Point</b>	2	30		11	592.3455	139.6960	42.1199	498.496	686.194
<b>Concentration_New*Time Point</b>	2	60		11	583.4545	261.3474	78.7992	407.879	759.030
<b>Concentration_New*Time Point</b>	2	120		11	571.8909	269.7436	81.3307	390.675	753.107
<b>Concentration_New*Time Point</b>	2	180		11	396.9818	269.6164	81.2924	215.851	578.113
<b>Concentration_New*Time Point</b>	3	30		11	509.7182	221.0570	66.6512	361.210	658.226
<b>Concentration_New*Time Point</b>	3	60		11	504.5182	219.4455	66.1653	357.093	651.944
<b>Concentration_New*Time Point</b>	3	120		11	456.9818	207.9840	62.7095	317.256	596.707
<b>Concentration_New*Time Point</b>	3	180		11	497.7091	293.5297	88.5025	300.513	694.905
<b>Concentration_New*Time Point</b>	4	30		11	597.0909	296.1962	89.3065	398.104	796.078

<b>Concentration_New*Time Point</b>	4	60		11	584.5091	297.3456	89.6531	384.750	784.269
<b>Concentration_New*Time Point</b>	4	120		11	303.9727	310.4854	93.6149	95.386	512.560
<b>Concentration_New*Time Point</b>	4	180		11	278.4727	200.0465	60.3163	144.080	412.866
<b>Obese (Y/N)*Time Point</b>	No	30		30	609.8633	146.4201	26.7325	555.189	664.538
<b>Obese (Y/N)*Time Point</b>	No	60		30	631.3333	189.7602	34.6453	560.476	702.191
<b>Obese (Y/N)*Time Point</b>	No	120		30	536.5900	255.0577	46.5670	441.350	631.830
<b>Obese (Y/N)*Time Point</b>	No	180		30	432.8533	313.8765	57.3058	315.650	550.057
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	585.8080	271.5607	54.3121	473.713	697.903
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	567.3400	265.4550	53.0910	457.766	676.914
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	483.0040	263.6806	52.7361	374.162	591.846
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	418.4520	252.5361	50.5072	314.210	522.694
<b>Sample(Obese (Y/N))</b>	1	No		20	584.5200	180.1824	40.2900	500.192	668.848
<b>Sample(Obese (Y/N))</b>	1	Yes		20	429.1500	299.3258	66.9313	289.061	569.239
<b>Sample(Obese (Y/N))</b>	2	No		20	522.5700	252.1949	56.3925	404.539	640.601
<b>Sample(Obese (Y/N))</b>	2	Yes		20	614.6900	286.4155	64.0445	480.643	748.737
<b>Sample(Obese (Y/N))</b>	3	No		20	444.8150	125.1362	27.9813	386.249	503.381
<b>Sample(Obese (Y/N))</b>	3	Yes		20	499.3400	283.8142	63.4628	366.511	632.169
<b>Sample(Obese (Y/N))</b>	4	No		20	696.9400	291.8299	65.2551	560.359	833.521
<b>Sample(Obese (Y/N))</b>	4	Yes		20	567.5450	281.9875	63.0543	435.571	699.519
<b>Sample(Obese (Y/N))</b>	5	No		20	564.6750	366.3940	81.9282	393.197	736.153
<b>Sample(Obese (Y/N))</b>	5	Yes		20	457.5300	133.4156	29.8326	395.090	519.970
<b>Sample(Obese (Y/N))</b>	6	No		20	502.4400	72.3789	16.1844	468.566	536.314
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	749.2500	185.7765	92.8883	453.638	1044.862
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	627.2500	191.3101	95.6551	322.833	931.667
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	654.7750	106.5116	53.2558	485.291	824.259
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	474.4250	272.6420	136.3210	40.591	908.259

Sample*Concentration_New(Obese (Y/N))	1	2	No	4	611.8250	113.8864	56.9432	430.606	793.044
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	255.0750	317.9134	158.9567	-250.796	760.946
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	508.3250	176.0872	88.0436	228.131	788.519
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	419.6500	214.6509	107.3255	78.092	761.208
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	398.4250	134.5705	67.2852	184.293	612.557
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	369.3500	457.1810	228.5905	-358.127	1096.827
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	668.3000	41.2777	20.6388	602.618	733.982
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	704.0250	196.4790	98.2395	391.383	1016.667
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	475.4500	323.5790	161.7895	-39.436	990.336
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	776.5000	255.2378	127.6189	370.360	1182.640
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	563.9250	317.9980	158.9990	57.919	1069.931
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	438.0000	317.3410	158.6705	-66.960	942.960
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	581.0250	171.3100	85.6550	308.433	853.617
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	657.6000	67.6586	33.8293	549.940	765.260
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	324.1500	274.4639	137.2319	-112.583	760.883
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	497.3250	450.0183	225.0092	-218.755	1213.405
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	437.8500	46.2628	23.1314	364.236	511.464
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	508.1000	173.4950	86.7475	232.031	784.169
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	536.2750	193.4983	96.7491	228.376	844.174
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	586.3250	412.0349	206.0174	-69.314	1241.964
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	462.1500	175.0525	87.5262	183.602	740.698
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	579.6250	60.0675	30.0338	484.044	675.206
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	420.1750	54.4280	27.2140	333.568	506.782
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	253.7750	233.4496	116.7248	-117.695	625.245
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	367.6250	74.9270	37.4635	248.399	486.851
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	568.8750	382.8032	191.4016	-40.250	1178.000

Sample*Concentration_New(Obese (Y/N))	4	0	No	4	688.9000	61.6466	30.8233	590.807	786.993
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	660.3500	315.2570	157.6285	158.706	1161.994
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	891.5250	156.8466	78.4233	641.947	1141.103
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	557.6500	377.3846	188.6923	-42.853	1158.153
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	777.1000	95.4820	47.7410	625.167	929.033
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	434.6000	177.1095	88.5548	152.779	716.421
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	432.6750	340.7692	170.3846	-109.565	974.915
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	690.8500	232.8078	116.4039	320.401	1061.299
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	694.5000	483.1914	241.5957	-74.365	1463.365
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	494.2750	337.0815	168.5408	-42.097	1030.647
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	752.3250	68.4694	34.2347	643.375	861.275
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	404.5750	107.2474	53.6237	233.920	575.230
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	538.8500	365.4528	182.7264	-42.667	1120.367
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	522.4750	85.2670	42.6335	386.796	658.154
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	668.2000	454.2624	227.1312	-54.633	1391.033
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	558.9500	152.4012	76.2006	316.446	801.454
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	566.5500	422.9115	211.4558	-106.397	1239.497
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	418.4750	174.5824	87.2912	140.675	696.275
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	297.4500	411.6032	205.8016	-357.503	952.403
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	383.1750	88.1542	44.0771	242.902	523.448
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	506.1750	87.5803	43.7901	366.815	645.535
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	536.2000	62.1538	31.0769	437.299	635.101
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	548.4000	30.0544	15.0272	500.577	596.223
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	465.4500	55.0516	27.5258	377.851	553.049
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	455.9750	93.0237	46.5119	307.954	603.996
Sample*Time Point(Obese (Y/N))	1	No	30	5	583.5000	65.9894	29.5113	501.563	665.437

<b>Sample*Time Point(Obese (Y/N))</b>	1	No	60	5	677.5000	166.9972	74.6834	470.146	884.854
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	120	5	582.9400	146.8211	65.6604	400.637	765.243
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	180	5	494.1400	281.7645	126.0089	144.283	843.997
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	30	5	551.5000	310.8680	139.0244	165.506	937.494
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	60	5	549.5200	377.7593	168.9391	80.470	1018.570
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	120	5	364.2000	277.3415	124.0309	19.835	708.565
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	180	5	251.3800	166.5004	74.4612	44.642	458.118
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	30	5	607.3600	153.8916	68.8224	416.278	798.442
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	60	5	612.6200	194.2993	86.8933	371.366	853.874
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	516.4400	298.7455	133.6030	145.498	887.382
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	353.8600	310.9315	139.0528	-32.212	739.932
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	822.3800	176.1183	78.7625	603.700	1041.060
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	661.0000	195.9217	87.6188	417.731	904.269
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	470.2800	315.1960	140.9599	78.912	861.648
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	505.1000	351.0403	156.9900	69.226	940.974
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	426.3200	35.3856	15.8249	382.383	470.257
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	524.4000	229.4396	102.6085	239.513	809.287
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	433.2800	66.6643	29.8132	350.505	516.055
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	395.2600	66.7914	29.8700	312.328	478.192
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	454.0200	316.7683	141.6631	60.700	847.340
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	615.5600	341.4615	152.7062	191.580	1039.540
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	536.1800	337.3143	150.8515	117.349	955.011
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	391.6000	127.4293	56.9881	233.376	549.824
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	756.5400	71.8417	32.1286	667.337	845.743
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	803.2800	151.5298	67.7662	615.131	991.429
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	714.4600	261.0179	116.7307	390.364	1038.556

Sample*Time Point(Obese (Y/N))	4	No	180	5	513.4800	497.2406	222.3728	-103.926	1130.886
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	730.2800	166.2098	74.3313	523.903	936.657
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	548.0400	248.3210	111.0525	239.709	856.371
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	508.2000	308.6916	138.0511	124.909	891.491
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	483.6600	382.5560	171.0842	8.654	958.666
Sample*Time Point(Obese (Y/N))	5	No	30	5	743.9800	140.1477	62.6759	569.964	917.996
Sample*Time Point(Obese (Y/N))	5	No	60	5	665.4800	206.5985	92.3936	408.954	922.006
Sample*Time Point(Obese (Y/N))	5	No	120	5	493.7000	468.9630	209.7266	-88.594	1075.994
Sample*Time Point(Obese (Y/N))	5	No	180	5	355.5400	491.4800	219.7965	-254.713	965.793
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	370.8600	99.3186	44.4166	247.540	494.180
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	462.5800	187.0804	83.6649	230.289	694.871
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	536.1600	78.2373	34.9888	439.016	633.304
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	460.5200	128.0754	57.2771	301.493	619.547
Sample*Time Point(Obese (Y/N))	6	No	30	5	541.4800	55.9548	25.0238	472.003	610.957
Sample*Time Point(Obese (Y/N))	6	No	60	5	504.7200	35.9030	16.0563	460.141	549.299
Sample*Time Point(Obese (Y/N))	6	No	120	5	478.7200	75.9712	33.9753	384.389	573.051
Sample*Time Point(Obese (Y/N))	6	No	180	5	484.8400	108.1208	48.3531	350.590	619.090

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	VCL-Vel - Mean	VCL-Vel - Std.Dev.	VCL-Vel - Std.Err	VCL-Vel - -95.00%	VCL-Vel - +95.00%
Total				220	77.6586	31.50180	2.12385	73.4728	81.8444
Concentration_New	0			44	87.9273	38.70418	5.83487	76.1601	99.6944
Concentration_New	1			44	82.0500	34.79260	5.24518	71.4721	92.6279
Concentration_New	2			44	76.0432	24.98555	3.76671	68.4469	83.6395

<b>Concentration_New</b>	3			44	73.3795	25.49571	3.84362	65.6281	81.1310
<b>Concentration_New</b>	4			44	68.8932	29.04522	4.37873	60.0626	77.7237
<b>Obese (Y/N)</b>	No			120	85.6692	35.52610	3.24307	79.2476	92.0908
<b>Obese (Y/N)</b>	Yes			100	68.0460	22.51749	2.25175	63.5780	72.5140
<b>Time Point</b>	30			55	85.2545	30.55529	4.12007	76.9943	93.5148
<b>Time Point</b>	60			55	81.6673	30.45084	4.10599	73.4353	89.8993
<b>Time Point</b>	120			55	76.0582	32.48822	4.38071	67.2754	84.8410
<b>Time Point</b>	180			55	67.6545	30.47201	4.10884	59.4168	75.8923
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	103.7542	44.45607	9.07456	84.9820	122.5263
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	68.9350	17.37031	3.88412	60.8054	77.0646
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	93.6833	39.76476	8.11695	76.8921	110.4745
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	68.0900	21.19893	4.74022	58.1686	78.0114
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	85.9208	26.02455	5.31224	74.9316	96.9100
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	64.1900	17.93993	4.01149	55.7939	72.5861
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	76.3208	25.55169	5.21572	65.5313	87.1104
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	69.8500	25.62701	5.73037	57.8562	81.8438
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	68.6667	29.00092	5.91979	56.4207	80.9127
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	69.1650	29.84956	6.67456	55.1950	83.1350
<b>Concentration_New*Time Point</b>	0	30		11	87.3364	30.47784	9.18941	66.8611	107.8117
<b>Concentration_New*Time Point</b>	0	60		11	96.4091	44.91157	13.54135	66.2371	126.5811
<b>Concentration_New*Time Point</b>	0	120		11	90.9091	45.95042	13.85457	60.0392	121.7790
<b>Concentration_New*Time Point</b>	0	180		11	77.0545	34.12818	10.29003	54.1269	99.9822
<b>Concentration_New*Time Point</b>	1	30		11	97.5182	37.44230	11.28928	72.3641	122.6723
<b>Concentration_New*Time Point</b>	1	60		11	81.4909	24.40813	7.35933	65.0933	97.8885
<b>Concentration_New*Time Point</b>	1	120		11	79.3364	35.54662	10.71771	55.4558	103.2169
<b>Concentration_New*Time Point</b>	1	180		11	69.8545	38.84298	11.71160	43.7595	95.9496



<b>Concentration_New*Time Point</b>	2	30		11	81.1727	23.94156	7.21865	65.0886	97.2569
<b>Concentration_New*Time Point</b>	2	60		11	73.7818	20.61096	6.21444	59.9352	87.6284
<b>Concentration_New*Time Point</b>	2	120		11	75.3909	23.63085	7.12497	59.5155	91.2663
<b>Concentration_New*Time Point</b>	2	180		11	73.8273	32.97772	9.94316	51.6725	95.9820
<b>Concentration_New*Time Point</b>	3	30		11	82.2727	26.80165	8.08100	64.2671	100.2783
<b>Concentration_New*Time Point</b>	3	60		11	78.4182	23.91497	7.21063	62.3519	94.4845
<b>Concentration_New*Time Point</b>	3	120		11	72.5636	27.70398	8.35306	53.9518	91.1754
<b>Concentration_New*Time Point</b>	3	180		11	60.2636	20.79626	6.27031	46.2925	74.2348
<b>Concentration_New*Time Point</b>	4	30		11	77.9727	34.09678	10.28056	55.0662	100.8793
<b>Concentration_New*Time Point</b>	4	60		11	78.2364	32.64323	9.84230	56.3063	100.1664
<b>Concentration_New*Time Point</b>	4	120		11	62.0909	22.71002	6.84733	46.8341	77.3477
<b>Concentration_New*Time Point</b>	4	180		11	57.2727	22.30534	6.72531	42.2878	72.2577
<b>Obese (Y/N)*Time Point</b>	No	30		30	97.6033	31.96790	5.83651	85.6663	109.5403
<b>Obese (Y/N)*Time Point</b>	No	60		30	88.1800	32.81216	5.99065	75.9277	100.4323
<b>Obese (Y/N)*Time Point</b>	No	120		30	84.3467	37.13628	6.78013	70.4798	98.2136
<b>Obese (Y/N)*Time Point</b>	No	180		30	72.5467	36.97954	6.75151	58.7383	86.3551
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	70.4360	21.12940	4.22588	61.7142	79.1578
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	73.8520	25.86003	5.17201	63.1775	84.5265
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	66.1120	22.79259	4.55852	56.7037	75.5203
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	61.7840	19.26209	3.85242	53.8330	69.7350
<b>Sample(Obese (Y/N))</b>	1	No		20	57.3400	12.11786	2.70964	51.6687	63.0113
<b>Sample(Obese (Y/N))</b>	1	Yes		20	50.5150	10.90076	2.43748	45.4133	55.6167
<b>Sample(Obese (Y/N))</b>	2	No		20	71.1700	21.06789	4.71092	61.3099	81.0301
<b>Sample(Obese (Y/N))</b>	2	Yes		20	52.0450	10.03344	2.24355	47.3492	56.7408
<b>Sample(Obese (Y/N))</b>	3	No		20	111.8850	19.03657	4.25671	102.9756	120.7944
<b>Sample(Obese (Y/N))</b>	3	Yes		20	69.6000	16.63234	3.71910	61.8158	77.3842

Sample(Obese (Y/N))	4	No		20	76.6250	28.09414	6.28204	63.4765	89.7735
Sample(Obese (Y/N))	4	Yes		20	80.5450	27.00274	6.03800	67.9073	93.1827
Sample(Obese (Y/N))	5	No		20	70.5350	18.13094	4.05420	62.0495	79.0205
Sample(Obese (Y/N))	5	Yes		20	87.5250	16.03880	3.58638	80.0186	95.0314
Sample(Obese (Y/N))	6	No		20	126.4600	44.33369	9.91331	105.7112	147.2088
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	59.8750	11.83339	5.91670	41.0454	78.7046
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	61.3750	13.61528	6.80764	39.7101	83.0399
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	62.1250	8.49760	4.24880	48.6034	75.6466
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	52.5500	10.89266	5.44633	35.2174	69.8826
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	65.0250	4.78217	2.39109	57.4155	72.6345
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	49.6250	7.18534	3.59267	38.1915	61.0585
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	57.4750	9.37421	4.68711	42.5585	72.3915
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	47.4000	6.84300	3.42150	36.5113	58.2887
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	42.2000	13.54720	6.77360	20.6434	63.7566
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	41.6250	8.24272	4.12136	28.5090	54.7410
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	97.8750	19.95919	9.97959	66.1155	129.6345
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	58.4500	10.36806	5.18403	41.9521	74.9479
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	71.7500	18.12429	9.06215	42.9102	100.5898
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	54.3750	12.82351	6.41176	33.9699	74.7801
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	70.1250	19.93111	9.96556	38.4102	101.8398
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	46.6750	5.55060	2.77530	37.8428	55.5072
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	62.4750	5.33378	2.66689	53.9878	70.9622
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	52.6250	14.48295	7.24147	29.5794	75.6706
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	53.6250	13.94665	6.97333	31.4328	75.8172
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	48.1000	1.86726	0.93363	45.1288	51.0712
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	124.9500	10.72583	5.36291	107.8828	142.0172

Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	65.1000	7.64417	3.82208	52.9364	77.2636
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	116.7750	15.16627	7.58314	92.6421	140.9079
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	56.3500	10.92322	5.46161	38.9687	73.7313
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	113.8000	27.69657	13.84829	69.7286	157.8714
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	75.9250	14.76739	7.38370	52.4268	99.4232
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	102.2750	21.99430	10.99715	67.2772	137.2728
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	72.5250	21.46926	10.73463	38.3626	106.6874
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	101.6250	13.09106	6.54553	80.7942	122.4558
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	78.1000	21.75086	10.87543	43.4895	112.7105
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	77.1250	15.58148	7.79074	52.3314	101.9186
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	75.3000	26.95527	13.47764	32.4081	118.1919
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	86.6000	36.97414	18.48707	27.7659	145.4341
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	85.2000	21.03854	10.51927	51.7230	118.6770
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	72.6500	11.92323	5.96161	53.6775	91.6225
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	81.6000	20.34945	10.17472	49.2195	113.9805
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	80.5000	42.38309	21.19155	13.0590	147.9410
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	72.4250	27.40710	13.70355	28.8142	116.0358
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	66.2500	33.65724	16.82862	12.6938	119.8062
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	88.2000	45.28112	22.64056	16.1476	160.2524
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	82.6750	14.94509	7.47255	58.8940	106.4560
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	84.4500	14.68616	7.34308	61.0810	107.8190
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	64.9750	15.85778	7.92889	39.7417	90.2083
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	91.9750	9.67380	4.83690	76.5818	107.3682
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	80.0000	19.86538	9.93269	48.3897	111.6103
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	67.1250	5.70811	2.85405	58.0421	76.2079
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	68.3750	19.16792	9.58396	37.8746	98.8754

Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	104.2750	4.96211	2.48105	96.3792	112.1708
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	56.6500	14.98811	7.49405	32.8006	80.4994
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	89.8000	16.96644	8.48322	62.8026	116.7974
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	180.0250	39.06212	19.53106	117.8685	242.1815
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	159.8750	13.62605	6.81302	138.1929	181.5571
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	113.9250	13.78583	6.89292	91.9887	135.8613
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	86.8250	18.96741	9.48370	56.6436	117.0064
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	91.6500	30.86416	15.43208	42.5382	140.7618
Sample*Time Point(Obese (Y/N))	1	No	30	5	60.3000	18.21785	8.14727	37.6796	82.9204
Sample*Time Point(Obese (Y/N))	1	No	60	5	61.0400	9.52381	4.25918	49.2146	72.8654
Sample*Time Point(Obese (Y/N))	1	No	120	5	59.1800	6.14793	2.74944	51.5463	66.8137
Sample*Time Point(Obese (Y/N))	1	No	180	5	48.8400	10.70061	4.78546	35.5534	62.1266
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	56.4000	16.87350	7.54606	35.4488	77.3512
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	51.7400	8.58650	3.84000	41.0785	62.4015
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	50.0200	8.04842	3.59936	40.0266	60.0134
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	43.9000	6.40586	2.86479	35.9461	51.8539
Sample*Time Point(Obese (Y/N))	2	No	30	5	84.4800	15.95641	7.13592	64.6675	104.2925
Sample*Time Point(Obese (Y/N))	2	No	60	5	72.9200	18.73011	8.37636	49.6635	96.1765
Sample*Time Point(Obese (Y/N))	2	No	120	5	75.7600	25.50261	11.40511	44.0943	107.4257
Sample*Time Point(Obese (Y/N))	2	No	180	5	51.5200	10.87414	4.86306	38.0180	65.0220
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	55.4200	9.97632	4.46155	43.0328	67.8072
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	57.1400	13.52823	6.05001	40.3425	73.9375
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	47.8600	4.43035	1.98131	42.3590	53.3610
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	47.7600	9.19146	4.11055	36.3473	59.1727
Sample*Time Point(Obese (Y/N))	3	No	30	5	117.9400	7.36532	3.29387	108.7947	127.0853
Sample*Time Point(Obese (Y/N))	3	No	60	5	92.1000	16.02763	7.16778	72.1991	112.0009

Sample*Time Point(Obese (Y/N))	3	No	120	5	116.3600	13.65716	6.10767	99.4024	133.3176
Sample*Time Point(Obese (Y/N))	3	No	180	5	121.1400	23.58957	10.54958	91.8497	150.4303
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	59.7000	7.82176	3.49800	49.9880	69.4120
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	69.5600	11.09901	4.96363	55.7788	83.3412
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	83.9600	24.70128	11.04675	53.2893	114.6307
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	65.1800	10.71434	4.79160	51.8764	78.4836
Sample*Time Point(Obese (Y/N))	4	No	30	5	112.6600	22.14516	9.90362	85.1632	140.1568
Sample*Time Point(Obese (Y/N))	4	No	60	5	81.2800	11.09716	4.96280	67.5011	95.0589
Sample*Time Point(Obese (Y/N))	4	No	120	5	62.2600	14.56221	6.51242	44.1786	80.3414
Sample*Time Point(Obese (Y/N))	4	No	180	5	50.3000	12.20799	5.45958	35.1418	65.4582
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	95.5200	15.43687	6.90358	76.3526	114.6874
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	104.7600	27.86715	12.46257	70.1584	139.3616
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	61.6200	20.82515	9.31329	35.7622	87.4778
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	60.2800	6.37079	2.84911	52.3696	68.1904
Sample*Time Point(Obese (Y/N))	5	No	30	5	74.4200	5.75170	2.57224	67.2783	81.5617
Sample*Time Point(Obese (Y/N))	5	No	60	5	85.8000	22.93927	10.25875	57.3171	114.2829
Sample*Time Point(Obese (Y/N))	5	No	120	5	67.3000	16.37926	7.32503	46.9625	87.6375
Sample*Time Point(Obese (Y/N))	5	No	180	5	54.6200	9.69881	4.33744	42.5773	66.6627
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	85.1400	16.31052	7.29429	64.8878	105.3922
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	86.0600	22.18554	9.92167	58.5130	113.6070
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	87.1000	16.57181	7.41114	66.5234	107.6766
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	91.8000	12.49740	5.58901	76.2824	107.3176
Sample*Time Point(Obese (Y/N))	6	No	30	5	135.8200	31.50154	14.08792	96.7057	174.9343
Sample*Time Point(Obese (Y/N))	6	No	60	5	135.9400	48.05183	21.48943	76.2758	195.6042
Sample*Time Point(Obese (Y/N))	6	No	120	5	125.2200	58.45710	26.14281	52.6359	197.8041
Sample*Time Point(Obese (Y/N))	6	No	180	5	108.8600	44.79378	20.03239	53.2412	164.4788

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	VSL-Vel - Mean	VSL-Vel - Std.Dev.	VSL-Vel - Std.Err	VSL-Vel - -95.00%	VSL-Vel - +95.00%
Total				220	15.4577	32.9877	2.2240	11.074	19.8410
Concentration_New	0			44	17.5523	12.6981	1.9143	13.692	21.4128
Concentration_New	1			44	16.1114	11.4668	1.7287	12.625	19.5976
Concentration_New	2			44	13.5205	8.6407	1.3026	10.893	16.1475
Concentration_New	3			44	10.5727	7.4440	1.1222	8.310	12.8359
Concentration_New	4			44	19.5318	71.1982	10.7335	-2.114	41.1780
Obese (Y/N)	No			120	20.8617	43.7217	3.9912	12.959	28.7647
Obese (Y/N)	Yes			100	8.9730	5.6178	0.5618	7.858	10.0877
Time Point	30			55	24.6036	63.1389	8.5137	7.535	41.6725
Time Point	60			55	15.0036	10.4902	1.4145	12.168	17.8395
Time Point	120			55	12.3255	9.9469	1.3412	9.636	15.0145
Time Point	180			55	9.8982	9.5293	1.2849	7.322	12.4743
Concentration_New*Obese (Y/N)	0	No		24	23.5250	13.9776	2.8532	17.623	29.4272
Concentration_New*Obese (Y/N)	0	Yes		20	10.3850	5.4107	1.2099	7.853	12.9173
Concentration_New*Obese (Y/N)	1	No		24	20.4500	13.0400	2.6618	14.944	25.9563
Concentration_New*Obese (Y/N)	1	Yes		20	10.9050	6.2790	1.4040	7.966	13.8437
Concentration_New*Obese (Y/N)	2	No		24	17.8000	8.2437	1.6827	14.319	21.2810
Concentration_New*Obese (Y/N)	2	Yes		20	8.3850	5.9841	1.3381	5.584	11.1857
Concentration_New*Obese (Y/N)	3	No		24	13.2250	8.4698	1.7289	9.649	16.8015
Concentration_New*Obese (Y/N)	3	Yes		20	7.3900	4.3613	0.9752	5.349	9.4312
Concentration_New*Obese (Y/N)	4	No		24	29.3083	96.0865	19.6136	-11.265	69.8821
Concentration_New*Obese (Y/N)	4	Yes		20	7.8000	5.5168	1.2336	5.218	10.3819

<b>Concentration_New*Time Point</b>	0	30		11	18.3545	10.2051	3.0770	11.499	25.2104
<b>Concentration_New*Time Point</b>	0	60		11	21.0182	15.6816	4.7282	10.483	31.5532
<b>Concentration_New*Time Point</b>	0	120		11	17.5182	13.5895	4.0974	8.389	26.6477
<b>Concentration_New*Time Point</b>	0	180		11	13.3182	11.1787	3.3705	5.808	20.8281
<b>Concentration_New*Time Point</b>	1	30		11	19.8636	11.5185	3.4730	12.125	27.6019
<b>Concentration_New*Time Point</b>	1	60		11	17.1273	7.6328	2.3014	11.999	22.2551
<b>Concentration_New*Time Point</b>	1	120		11	15.5455	12.3962	3.7376	7.218	23.8733
<b>Concentration_New*Time Point</b>	1	180		11	11.9091	13.5791	4.0943	2.787	21.0317
<b>Concentration_New*Time Point</b>	2	30		11	15.9000	8.4315	2.5422	10.236	21.5644
<b>Concentration_New*Time Point</b>	2	60		11	13.1636	9.7524	2.9404	6.612	19.7154
<b>Concentration_New*Time Point</b>	2	120		11	13.8455	7.3305	2.2102	8.921	18.7702
<b>Concentration_New*Time Point</b>	2	180		11	11.1727	9.4106	2.8374	4.851	17.4949
<b>Concentration_New*Time Point</b>	3	30		11	13.3636	8.3853	2.5283	7.730	18.9969
<b>Concentration_New*Time Point</b>	3	60		11	14.0091	8.7604	2.6414	8.124	19.8944
<b>Concentration_New*Time Point</b>	3	120		11	8.6273	5.4028	1.6290	4.998	12.2569
<b>Concentration_New*Time Point</b>	3	180		11	6.2909	4.0176	1.2113	3.592	8.9900
<b>Concentration_New*Time Point</b>	4	30		11	55.5364	140.7356	42.4334	-39.011	150.0839
<b>Concentration_New*Time Point</b>	4	60		11	9.7000	6.1402	1.8513	5.575	13.8250
<b>Concentration_New*Time Point</b>	4	120		11	6.0909	3.4066	1.0271	3.802	8.3795
<b>Concentration_New*Time Point</b>	4	180		11	6.8000	5.6863	1.7145	2.980	10.6201
<b>Obese (Y/N)*Time Point</b>	No	30		30	36.4733	84.1138	15.3570	5.065	67.8819
<b>Obese (Y/N)*Time Point</b>	No	60		30	19.3400	11.4168	2.0844	15.077	23.6031
<b>Obese (Y/N)*Time Point</b>	No	120		30	15.7433	11.4498	2.0904	11.468	20.0188
<b>Obese (Y/N)*Time Point</b>	No	180		30	11.8900	11.9431	2.1805	7.430	16.3496
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	10.3600	5.7555	1.1511	7.984	12.7358
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	9.8000	6.1958	1.2392	7.243	12.3575

<b>Obese (Y/N)*Time Point</b>	Yes	120		25	8.2240	5.6640	1.1328	5.886	10.5620
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	7.5080	4.5886	0.9177	5.614	9.4021
<b>Sample(Obese (Y/N))</b>	1	No		20	32.0000	105.2991	23.5456	-17.281	81.2815
<b>Sample(Obese (Y/N))</b>	1	Yes		20	6.4100	3.5255	0.7883	4.760	8.0600
<b>Sample(Obese (Y/N))</b>	2	No		20	14.4600	8.5347	1.9084	10.466	18.4544
<b>Sample(Obese (Y/N))</b>	2	Yes		20	5.0750	3.5891	0.8026	3.395	6.7548
<b>Sample(Obese (Y/N))</b>	3	No		20	18.1550	5.9512	1.3307	15.370	20.9403
<b>Sample(Obese (Y/N))</b>	3	Yes		20	7.2400	2.7017	0.6041	5.976	8.5045
<b>Sample(Obese (Y/N))</b>	4	No		20	16.5950	11.1033	2.4828	11.398	21.7915
<b>Sample(Obese (Y/N))</b>	4	Yes		20	15.5100	6.3760	1.4257	12.526	18.4941
<b>Sample(Obese (Y/N))</b>	5	No		20	13.3800	8.5603	1.9141	9.374	17.3863
<b>Sample(Obese (Y/N))</b>	5	Yes		20	10.6300	4.1520	0.9284	8.687	12.5732
<b>Sample(Obese (Y/N))</b>	6	No		20	30.5800	14.8628	3.3234	23.624	37.5360
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	8.7000	3.8462	1.9231	2.580	14.8202
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	9.5750	4.1242	2.0621	3.012	16.1375
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	10.7750	3.8776	1.9388	4.605	16.9451
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	7.3750	3.4111	1.7056	1.947	12.8029
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	9.3500	2.7234	1.3617	5.017	13.6835
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	7.1500	3.2787	1.6394	1.933	12.3672
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	8.2250	3.5678	1.7839	2.548	13.9022
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	4.9250	1.3598	0.6799	2.761	7.0888
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	122.9500	237.4489	118.7244	-254.884	500.7841
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	Yes	4	3.0250	1.9822	0.9911	-0.129	6.1791
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	No	4	25.9000	7.9006	3.9503	13.328	38.4717
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	Yes	4	8.1750	2.9216	1.4608	3.526	12.8239
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	1	No	4	14.6750	6.7992	3.3996	3.856	25.4940



Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	7.4500	5.2779	2.6390	-0.948	15.8484
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	15.0250	6.1277	3.0639	5.274	24.7756
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	3.0750	1.5650	0.7825	0.585	5.5652
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	10.5000	2.6671	1.3335	6.256	14.7439
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	4.2750	2.3343	1.1672	0.561	7.9895
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	6.2000	4.5993	2.2996	-1.118	13.5185
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	2.4000	1.1106	0.5553	0.633	4.1671
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	23.3750	4.7535	2.3768	15.811	30.9389
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	5.5750	1.4080	0.7040	3.335	7.8155
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	22.1750	1.9432	0.9716	19.083	25.2670
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	5.7250	3.1415	1.5708	0.726	10.7239
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	19.0750	5.7749	2.8874	9.886	28.2641
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	9.3250	3.0977	1.5489	4.396	14.2542
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	13.5500	4.8891	2.4446	5.770	21.3297
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	7.0250	1.7212	0.8606	4.286	9.7638
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	12.6000	3.5014	1.7507	7.028	18.1716
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	8.5500	2.6300	1.3150	4.365	12.7348
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	16.8250	7.8737	3.9369	4.296	29.3539
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	16.7250	7.0576	3.5288	5.495	27.9552
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	20.4000	11.9925	5.9962	1.317	39.4827
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	18.6500	4.9709	2.4855	10.740	26.5598
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	16.4000	7.3707	3.6853	4.672	28.1284
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	16.6000	7.8897	3.9448	4.046	29.1542
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	18.0750	17.5773	8.7887	-9.894	46.0445
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	10.9250	6.2516	3.1258	0.977	20.8727
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	11.2750	12.3130	6.1565	-8.318	30.8677

Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	14.6500	5.9925	2.9962	5.115	24.1854
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	18.9000	9.1982	4.5991	4.264	33.5364
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	11.8750	3.6454	1.8227	6.074	17.6757
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	11.2000	7.3986	3.6993	-0.573	22.9729
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	15.3250	1.1354	0.5677	13.518	17.1317
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	19.0750	11.0083	5.5041	1.558	36.5916
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	5.7750	1.3720	0.6860	3.592	7.9582
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	10.5500	6.0995	3.0497	0.844	20.2556
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	9.8000	5.0498	2.5249	1.765	17.8353
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	7.1750	3.7607	1.8803	1.191	13.1590
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	10.3750	1.8246	0.9123	7.472	13.2783
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	47.4500	9.9634	4.9817	31.596	63.3040
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	43.4750	6.7717	3.3858	32.700	54.2503
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	27.8750	4.4079	2.2039	20.861	34.8889
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	18.4500	6.2761	3.1381	8.463	28.4367
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	15.6500	9.5280	4.7640	0.489	30.8112
Sample*Time Point(Obese (Y/N))	1	No	30	5	104.9800	209.1407	93.5306	-154.702	364.6625
Sample*Time Point(Obese (Y/N))	1	No	60	5	10.1200	4.3171	1.9306	4.760	15.4803
Sample*Time Point(Obese (Y/N))	1	No	120	5	8.9600	1.6965	0.7587	6.854	11.0664
Sample*Time Point(Obese (Y/N))	1	No	180	5	3.9400	1.5502	0.6933	2.015	5.8648
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	8.4800	5.5626	2.4876	1.573	15.3868
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	7.2400	3.1118	1.3916	3.376	11.1038
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	5.1000	1.3620	0.6091	3.409	6.7911
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	4.8200	2.2443	1.0037	2.033	7.6067
Sample*Time Point(Obese (Y/N))	2	No	30	5	19.4800	7.8222	3.4982	9.767	29.1926
Sample*Time Point(Obese (Y/N))	2	No	60	5	16.4000	9.0529	4.0486	5.159	27.6407

Sample*Time Point(Obese (Y/N))	2	No	120	5	14.3000	9.5507	4.2712	2.441	26.1587
Sample*Time Point(Obese (Y/N))	2	No	180	5	7.6600	4.1956	1.8763	2.450	12.8695
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	7.1800	3.0053	1.3440	3.448	10.9116
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	6.2600	4.9394	2.2090	0.127	12.3931
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	2.8200	0.8075	0.3611	1.817	3.8226
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	4.0400	3.4811	1.5568	-0.282	8.3623
Sample*Time Point(Obese (Y/N))	3	No	30	5	18.6000	3.1273	1.3986	14.717	22.4831
Sample*Time Point(Obese (Y/N))	3	No	60	5	13.5600	6.7552	3.0210	5.172	21.9477
Sample*Time Point(Obese (Y/N))	3	No	120	5	19.0200	5.7325	2.5637	11.902	26.1379
Sample*Time Point(Obese (Y/N))	3	No	180	5	21.4400	6.2364	2.7890	13.696	29.1835
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	6.7400	2.0720	0.9266	4.167	9.3127
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	7.1600	2.7574	1.2331	3.736	10.5837
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	9.0400	3.6308	1.6238	4.532	13.5483
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	6.0200	1.8336	0.8200	3.743	8.2967
Sample*Time Point(Obese (Y/N))	4	No	30	5	30.0400	5.8226	2.6040	22.810	37.2697
Sample*Time Point(Obese (Y/N))	4	No	60	5	20.7200	7.0308	3.1443	11.990	29.4499
Sample*Time Point(Obese (Y/N))	4	No	120	5	9.8600	6.4848	2.9001	1.808	17.9120
Sample*Time Point(Obese (Y/N))	4	No	180	5	5.7600	3.0876	1.3808	1.926	9.5937
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	17.7400	5.5904	2.5001	10.799	24.6814
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	17.6200	7.2513	3.2429	8.616	26.6237
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	14.3800	7.7619	3.4712	4.742	24.0177
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	12.3000	4.7713	2.1338	6.376	18.2243
Sample*Time Point(Obese (Y/N))	5	No	30	5	14.4600	3.2230	1.4414	10.458	18.4619
Sample*Time Point(Obese (Y/N))	5	No	60	5	21.7000	9.9179	4.4354	9.385	34.0147
Sample*Time Point(Obese (Y/N))	5	No	120	5	12.4600	7.4547	3.3339	3.204	21.7163
Sample*Time Point(Obese (Y/N))	5	No	180	5	4.9000	2.1943	0.9813	2.175	7.6246

Sample*Time Point(Obese (Y/N))	5	Yes	30	5	11.6600	4.4275	1.9801	6.162	17.1575
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	10.7200	5.0982	2.2800	4.390	17.0503
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	9.7800	4.0764	1.8230	4.718	14.8415
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	10.3600	4.1645	1.8624	5.189	15.5309
Sample*Time Point(Obese (Y/N))	6	No	30	5	31.2800	11.0291	4.9324	17.586	44.9745
Sample*Time Point(Obese (Y/N))	6	No	60	5	33.5400	15.1906	6.7934	14.678	52.4016
Sample*Time Point(Obese (Y/N))	6	No	120	5	29.8600	18.6143	8.3246	6.747	52.9727
Sample*Time Point(Obese (Y/N))	6	No	180	5	27.6400	18.0936	8.0917	5.174	50.1062

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	VAP-Vel - Mean	VAP-Vel - Std.Dev.	VAP-Vel - Std.Err	VAP-Vel - -95.00%	VAP-Vel - +95.00%
Total				220	28.43455	17.23775	1.16217	26.1441	30.7250
Concentration_New	0			44	35.27045	21.33894	3.21697	28.7828	41.7581
Concentration_New	1			44	33.00227	19.77963	2.98189	26.9887	39.0158
Concentration_New	2			44	28.84773	14.56596	2.19590	24.4193	33.2762
Concentration_New	3			44	24.25227	12.24309	1.84572	20.5300	27.9745
Concentration_New	4			44	20.80000	12.56251	1.89387	16.9806	24.6194
Obese (Y/N)	No			120	34.26667	19.56845	1.78635	30.7295	37.8038
Obese (Y/N)	Yes			100	21.43600	10.31137	1.03114	19.3900	23.4820
Time Point	30			55	33.39818	16.49462	2.22413	28.9391	37.8573
Time Point	60			55	31.43091	17.90042	2.41369	26.5917	36.2701
Time Point	120			55	26.73091	16.64550	2.24448	22.2310	31.2308
Time Point	180			55	22.17818	16.07597	2.16768	17.8322	26.5241
Concentration_New*Obese (Y/N)	0	No		24	45.27083	23.52147	4.80130	35.3386	55.2031

Concentration_New*Obese (Y/N)	0	Yes		20	23.27000	9.10379	2.03567	19.0093	27.5307
Concentration_New*Obese (Y/N)	1	No		24	40.22083	22.45784	4.58419	30.7377	49.7039
Concentration_New*Obese (Y/N)	1	Yes		20	24.34000	11.40546	2.55034	19.0021	29.6779
Concentration_New*Obese (Y/N)	2	No		24	36.16667	13.64716	2.78571	30.4040	41.9294
Concentration_New*Obese (Y/N)	2	Yes		20	20.06500	10.28854	2.30059	15.2498	24.8802
Concentration_New*Obese (Y/N)	3	No		24	27.63333	13.60923	2.77797	21.8867	33.3800
Concentration_New*Obese (Y/N)	3	Yes		20	20.19500	9.12478	2.04036	15.9245	24.4655
Concentration_New*Obese (Y/N)	4	No		24	22.04167	13.53392	2.76260	16.3268	27.7565
Concentration_New*Obese (Y/N)	4	Yes		20	19.31000	11.45214	2.56078	13.9502	24.6698
Concentration_New*Time Point	0	30		11	37.12727	17.59648	5.30554	25.3058	48.9488
Concentration_New*Time Point	0	60		11	40.93636	26.55000	8.00513	23.0998	58.7729
Concentration_New*Time Point	0	120		11	34.97273	22.98052	6.92889	19.5342	50.4112
Concentration_New*Time Point	0	180		11	28.04545	17.85331	5.38298	16.0514	40.0395
Concentration_New*Time Point	1	30		11	39.66364	20.01571	6.03496	26.2169	53.1104
Concentration_New*Time Point	1	60		11	35.13636	15.10704	4.55494	24.9873	45.2854
Concentration_New*Time Point	1	120		11	32.19091	20.74326	6.25433	18.2554	46.1264
Concentration_New*Time Point	1	180		11	25.01818	22.32724	6.73192	10.0185	40.0178
Concentration_New*Time Point	2	30		11	33.37273	13.68321	4.12564	24.1802	42.5652
Concentration_New*Time Point	2	60		11	27.90909	16.21101	4.88780	17.0184	38.7998
Concentration_New*Time Point	2	120		11	28.93636	12.07206	3.63986	20.8262	37.0465
Concentration_New*Time Point	2	180		11	25.17273	16.67933	5.02901	13.9674	36.3781
Concentration_New*Time Point	3	30		11	29.46364	14.25688	4.29861	19.8857	39.0415
Concentration_New*Time Point	3	60		11	29.39091	13.07138	3.94117	20.6094	38.1724
Concentration_New*Time Point	3	120		11	21.55455	8.52612	2.57072	15.8266	27.2825
Concentration_New*Time Point	3	180		11	16.60000	8.14788	2.45668	11.1262	22.0738
Concentration_New*Time Point	4	30		11	27.36364	15.90197	4.79462	16.6805	38.0467

<b>Concentration_New*Time Point</b>	4	60		11	23.78182	12.90115	3.88984	15.1147	32.4489
<b>Concentration_New*Time Point</b>	4	120		11	16.00000	7.09718	2.13988	11.2320	20.7680
<b>Concentration_New*Time Point</b>	4	180		11	16.05455	10.08190	3.03981	9.2814	22.8277
<b>Obese (Y/N)*Time Point</b>	No	30		30	41.77667	16.23406	2.96392	35.7148	47.8386
<b>Obese (Y/N)*Time Point</b>	No	60		30	37.75000	19.45681	3.55231	30.4847	45.0153
<b>Obese (Y/N)*Time Point</b>	No	120		30	32.22333	19.11852	3.49055	25.0844	39.3623
<b>Obese (Y/N)*Time Point</b>	No	180		30	25.31667	20.13950	3.67695	17.7965	32.8369
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	23.34400	10.03324	2.00665	19.2025	27.4855
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	23.84800	12.39802	2.47960	18.7303	28.9657
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	20.14000	9.93919	1.98784	16.0373	24.2427
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	18.41200	8.01848	1.60370	15.1021	21.7219
<b>Sample(Obese (Y/N))</b>	1	No		20	20.25500	6.90998	1.54512	17.0210	23.4890
<b>Sample(Obese (Y/N))</b>	1	Yes		20	16.52500	6.70513	1.49931	13.3869	19.6631
<b>Sample(Obese (Y/N))</b>	2	No		20	27.22000	12.86442	2.87657	21.1993	33.2407
<b>Sample(Obese (Y/N))</b>	2	Yes		20	13.20500	5.68789	1.27185	10.5430	15.8670
<b>Sample(Obese (Y/N))</b>	3	No		20	40.90500	10.41671	2.32925	36.0298	45.7802
<b>Sample(Obese (Y/N))</b>	3	Yes		20	18.68500	5.17588	1.15736	16.2626	21.1074
<b>Sample(Obese (Y/N))</b>	4	No		20	31.72500	18.38056	4.11002	23.1226	40.3274
<b>Sample(Obese (Y/N))</b>	4	Yes		20	32.20000	12.28444	2.74688	26.4507	37.9493
<b>Sample(Obese (Y/N))</b>	5	No		20	28.93500	15.05269	3.36588	21.8901	35.9799
<b>Sample(Obese (Y/N))</b>	5	Yes		20	26.56500	6.68402	1.49459	23.4368	29.6932
<b>Sample(Obese (Y/N))</b>	6	No		20	56.56000	25.43519	5.68748	44.6560	68.4640
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	20.17500	6.74407	3.37204	9.4437	30.9063
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	22.50000	7.78332	3.89166	10.1150	34.8850
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	22.87500	7.26332	3.63166	11.3174	34.4326
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	18.70000	7.23556	3.61778	7.1866	30.2134

Sample*Concentration_New(Obese (Y/N))	1	2	No	4	24.25000	4.65797	2.32898	16.8381	31.6619
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	17.75000	4.84458	2.42229	10.0412	25.4588
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	20.57500	7.92396	3.96198	7.9662	33.1838
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	14.02500	2.34147	1.17074	10.2992	17.7508
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	13.40000	5.14263	2.57132	5.2169	21.5831
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	9.65000	3.94842	1.97421	3.3672	15.9328
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	43.95000	9.38598	4.69299	29.0148	58.8852
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	18.32500	5.25761	2.62881	9.9590	26.6910
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	27.92500	10.39114	5.19557	11.3904	44.4596
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	16.67500	7.87036	3.93518	4.1515	29.1985
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	29.25000	10.22562	5.11281	12.9788	45.5212
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	9.82500	3.74110	1.87055	3.8721	15.7779
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	21.30000	5.32353	2.66177	12.8291	29.7709
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	11.97500	3.36489	1.68245	6.6207	17.3293
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	13.67500	6.96054	3.48027	2.5992	24.7508
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	9.22500	0.78475	0.39238	7.9763	10.4737
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	50.45000	2.61087	1.30544	46.2955	54.6045
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	16.20000	4.09634	2.04817	9.6818	22.7182
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	47.70000	3.05723	1.52862	42.8353	52.5647
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	15.20000	5.43814	2.71907	6.5467	23.8533
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	41.50000	11.89314	5.94657	22.5754	60.4246
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	22.32500	5.78237	2.89119	13.1240	31.5260
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	33.45000	9.16170	4.58085	18.8717	48.0283
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	18.85000	3.47035	1.73518	13.3279	24.3721
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	31.42500	8.26009	4.13005	18.2813	44.5687
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	20.85000	5.42740	2.71370	12.2138	29.4862

Sample*Concentration_New(Obese (Y/N))	4	0	No	4	32.77500	14.30347	7.15173	10.0150	55.5350
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	32.42500	12.48556	6.24278	12.5577	52.2923
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	37.40000	22.08046	11.04023	2.2651	72.5349
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	38.97500	8.82019	4.41010	24.9401	53.0099
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	31.50000	11.07730	5.53865	13.8735	49.1265
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	32.97500	14.45969	7.22984	9.9664	55.9836
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	32.42500	27.45680	13.72840	-11.2649	76.1149
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	25.82500	11.94972	5.97486	6.8103	44.8397
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	24.52500	21.37091	10.68546	-9.4809	58.5309
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	30.80000	15.85287	7.92643	5.5746	56.0254
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	38.72500	16.02090	8.01045	13.2322	64.2178
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	26.90000	5.88614	2.94307	17.5338	36.2662
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	26.17500	13.37395	6.68697	4.8941	47.4559
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	32.15000	1.77858	0.88929	29.3199	34.9801
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	38.27500	17.28089	8.64045	10.7772	65.7728
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	17.45000	2.30579	1.15289	13.7810	21.1190
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	25.05000	11.97511	5.98756	5.9949	44.1051
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	30.30000	5.83152	2.91576	21.0207	39.5793
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	16.45000	8.67429	4.33715	2.6473	30.2527
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	26.02500	5.85740	2.92870	16.7046	35.3454
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	85.55000	18.26572	9.13286	56.4852	114.6148
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	79.25000	6.94286	3.47143	68.2024	90.2976
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	52.22500	8.30597	4.15299	39.0083	65.4417
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	33.00000	10.23100	5.11550	16.7202	49.2798
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	32.77500	14.67569	7.33784	9.4227	56.1273
Sample*Time Point(Obese (Y/N))	1	No	30	5	24.70000	4.36348	1.95141	19.2820	30.1180



<b>Sample*Time Point(Obese (Y/N))</b>	1	No	60	5	23.30000	7.42428	3.32024	14.0815	32.5185
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	120	5	21.00000	4.28194	1.91494	15.6833	26.3167
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	180	5	12.02000	3.54359	1.58474	7.6201	16.4199
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	30	5	19.92000	10.56844	4.72635	6.7975	33.0425
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	60	5	18.30000	5.81722	2.60154	11.0770	25.5230
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	120	5	14.58000	2.83584	1.26823	11.0588	18.1012
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	180	5	13.30000	4.88927	2.18655	7.2292	19.3708
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	30	5	34.68000	11.51508	5.14970	20.3821	48.9779
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	60	5	29.22000	12.34654	5.52154	13.8897	44.5503
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	28.14000	15.00360	6.70981	9.5106	46.7694
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	16.84000	8.10235	3.62348	6.7796	26.9004
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	16.76000	4.87473	2.18005	10.7072	22.8128
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	15.08000	7.93895	3.55041	5.2225	24.9375
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	9.86000	1.26214	0.56445	8.2928	11.4272
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	11.12000	5.06725	2.26614	4.8282	17.4118
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	45.12000	5.76949	2.58019	37.9562	52.2838
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	32.82000	13.31848	5.95621	16.2829	49.3571
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	40.36000	9.44897	4.22571	28.6276	52.0924
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	45.32000	9.31703	4.16670	33.7514	56.8886
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	17.32000	3.89063	1.73994	12.4891	22.1509
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	19.00000	5.09510	2.27860	12.6736	25.3264
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	23.02000	6.24035	2.79077	15.2716	30.7684
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	15.40000	2.78927	1.24740	11.9367	18.8633
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	56.48000	9.61390	4.29947	44.5428	68.4172
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	34.46000	8.53920	3.81885	23.8572	45.0628
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	22.50000	10.50524	4.69808	9.4560	35.5440

Sample*Time Point(Obese (Y/N))	4	No	180	5	13.46000	5.50527	2.46203	6.6243	20.2957
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	35.80000	8.74071	3.90896	24.9470	46.6530
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	39.96000	14.02366	6.27157	22.5473	57.3727
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	27.72000	14.95533	6.68823	9.1505	46.2895
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	25.32000	6.66011	2.97849	17.0504	33.5896
Sample*Time Point(Obese (Y/N))	5	No	30	5	30.68000	6.03506	2.69896	23.1865	38.1735
Sample*Time Point(Obese (Y/N))	5	No	60	5	44.00000	17.97637	8.03928	21.6794	66.3206
Sample*Time Point(Obese (Y/N))	5	No	120	5	26.60000	11.64324	5.20701	12.1430	41.0570
Sample*Time Point(Obese (Y/N))	5	No	180	5	14.46000	4.99129	2.23217	8.2625	20.6575
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	26.92000	7.27166	3.25198	17.8910	35.9490
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	26.90000	10.13336	4.53178	14.3178	39.4822
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	25.52000	5.60152	2.50507	18.5648	32.4752
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	26.92000	4.84273	2.16573	20.9070	32.9330
Sample*Time Point(Obese (Y/N))	6	No	30	5	59.00000	18.98750	8.49147	35.4239	82.5761
Sample*Time Point(Obese (Y/N))	6	No	60	5	62.70000	27.21737	12.17198	28.9052	96.4948
Sample*Time Point(Obese (Y/N))	6	No	120	5	54.74000	31.91932	14.27475	15.1069	94.3731
Sample*Time Point(Obese (Y/N))	6	No	180	5	49.80000	28.93138	12.93851	13.8769	85.7231

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	LIN-Vel - Mean	LIN-Vel - Std.Dev.	LIN-Vel - Std.Err	LIN-Vel - -95.00%	LIN-Vel - +95.00%
Total				220	15.53545	6.88915	0.464466	14.62006	16.45085
Concentration_New	0			44	18.45909	6.96287	1.049692	16.34219	20.57600
Concentration_New	1			44	17.79773	6.45473	0.973087	15.83531	19.76014
Concentration_New	2			44	16.48409	6.94992	1.047740	14.37112	18.59706

<b>Concentration_New</b>	3			44	13.56136	6.08419	0.917225	11.71160	15.41113
<b>Concentration_New</b>	4			44	11.37500	5.44512	0.820883	9.71953	13.03047
<b>Obese (Y/N)</b>	No			120	17.98500	6.81461	0.622086	16.75321	19.21679
<b>Obese (Y/N)</b>	Yes			100	12.59600	5.75907	0.575907	11.45328	13.73872
<b>Time Point</b>	30			55	17.41455	5.95885	0.803492	15.80364	19.02545
<b>Time Point</b>	60			55	17.12727	7.39974	0.997780	15.12684	19.12770
<b>Time Point</b>	120			55	14.80000	6.72477	0.906768	12.98204	16.61796
<b>Time Point</b>	180			55	12.80000	6.53010	0.880519	11.03467	14.56533
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	21.31667	6.43649	1.313843	18.59878	24.03456
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	15.03000	6.07281	1.357922	12.18784	17.87216
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	20.17500	6.10483	1.246143	17.59716	22.75284
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	14.94500	5.78541	1.293658	12.23734	17.65266
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	20.10833	5.55227	1.133353	17.76381	22.45285
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	12.13500	5.95768	1.332178	9.34672	14.92328
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	16.12083	6.42488	1.311474	13.40784	18.83382
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	10.49000	3.94994	0.883233	8.64137	12.33863
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	12.20417	5.44773	1.112014	9.90379	14.50454
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	10.38000	5.40970	1.209645	7.84818	12.91182
<b>Concentration_New*Time Point</b>	0	30		11	19.97273	5.78811	1.745180	16.08422	23.86123
<b>Concentration_New*Time Point</b>	0	60		11	20.60000	8.07614	2.435047	15.17438	26.02562
<b>Concentration_New*Time Point</b>	0	120		11	17.59091	6.54056	1.972053	13.19690	21.98492
<b>Concentration_New*Time Point</b>	0	180		11	15.67273	7.07348	2.132736	10.92070	20.42476
<b>Concentration_New*Time Point</b>	1	30		11	19.37273	4.49023	1.353856	16.35615	22.38931
<b>Concentration_New*Time Point</b>	1	60		11	20.29091	5.58058	1.682609	16.54182	24.04000
<b>Concentration_New*Time Point</b>	1	120		11	17.49091	7.15073	2.156026	12.68698	22.29483
<b>Concentration_New*Time Point</b>	1	180		11	14.03636	7.17513	2.163384	9.21604	18.85668

<b>Concentration_New*Time Point</b>	2	30		11	18.53636	6.31906	1.905269	14.29116	22.78157
<b>Concentration_New*Time Point</b>	2	60		11	16.30909	8.17930	2.466151	10.81416	21.80402
<b>Concentration_New*Time Point</b>	2	120		11	17.37273	6.44610	1.943572	13.04218	21.70327
<b>Concentration_New*Time Point</b>	2	180		11	13.71818	6.73510	2.030710	9.19348	18.24289
<b>Concentration_New*Time Point</b>	3	30		11	15.50909	5.04865	1.522227	12.11736	18.90082
<b>Concentration_New*Time Point</b>	3	60		11	16.44545	7.35410	2.217343	11.50491	21.38600
<b>Concentration_New*Time Point</b>	3	120		11	12.13636	5.83014	1.757854	8.21962	16.05311
<b>Concentration_New*Time Point</b>	3	180		11	10.15455	4.15797	1.253676	7.36118	12.94791
<b>Concentration_New*Time Point</b>	4	30		11	13.68182	6.36692	1.919698	9.40446	17.95917
<b>Concentration_New*Time Point</b>	4	60		11	11.99091	4.87739	1.470588	8.71424	15.26758
<b>Concentration_New*Time Point</b>	4	120		11	9.40909	3.34079	1.007287	7.16471	11.65347
<b>Concentration_New*Time Point</b>	4	180		11	10.41818	6.36205	1.918229	6.14410	14.69226
<b>Obese (Y/N)*Time Point</b>	No	30		30	20.32333	5.15395	0.940979	18.39882	22.24785
<b>Obese (Y/N)*Time Point</b>	No	60		30	20.86667	6.67514	1.218708	18.37413	23.35920
<b>Obese (Y/N)*Time Point</b>	No	120		30	17.08667	6.21626	1.134929	14.76548	19.40786
<b>Obese (Y/N)*Time Point</b>	No	180		30	13.66333	6.81137	1.243581	11.11992	16.20674
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	13.92400	4.95255	0.990510	11.87969	15.96831
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	12.64000	5.55945	1.111890	10.34517	14.93483
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	12.05600	6.37803	1.275605	9.42328	14.68872
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	11.76400	6.15101	1.230202	9.22499	14.30301
<b>Sample(Obese (Y/N))</b>	1	No		20	13.57500	4.87635	1.090386	11.29280	15.85720
<b>Sample(Obese (Y/N))</b>	1	Yes		20	11.95000	4.45840	0.996929	9.86340	14.03660
<b>Sample(Obese (Y/N))</b>	2	No		20	18.73000	6.49859	1.453129	15.68857	21.77143
<b>Sample(Obese (Y/N))</b>	2	Yes		20	9.18500	5.37316	1.201474	6.67029	11.69971
<b>Sample(Obese (Y/N))</b>	3	No		20	15.93500	3.77000	0.842998	14.17058	17.69942
<b>Sample(Obese (Y/N))</b>	3	Yes		20	10.32000	2.54136	0.568266	9.13061	11.50939

Sample(Obese (Y/N))	4	No		20	19.29000	8.51839	1.904771	15.30327	23.27673
Sample(Obese (Y/N))	4	Yes		20	19.40000	5.69275	1.272937	16.73571	22.06429
Sample(Obese (Y/N))	5	No		20	17.44000	7.54065	1.686142	13.91086	20.96914
Sample(Obese (Y/N))	5	Yes		20	12.12500	4.25427	0.951284	10.13394	14.11606
Sample(Obese (Y/N))	6	No		20	22.94000	5.27041	1.178500	20.47337	25.40663
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	13.92500	4.59882	2.299411	6.60725	21.24275
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	15.32500	3.80471	1.902356	9.27085	21.37915
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	17.05000	5.14684	2.573422	8.86022	25.23978
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	13.45000	3.86480	1.932399	7.30024	19.59976
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	14.50000	4.39924	2.199621	7.49982	21.50018
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	13.95000	4.48739	2.243695	6.80956	21.09044
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	13.87500	4.29292	2.146460	7.04401	20.70599
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	10.25000	1.47083	0.735414	7.90959	12.59041
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	8.52500	3.69448	1.847239	2.64626	14.40374
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	6.77500	3.33104	1.665520	1.47457	12.07543
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	26.00000	4.22926	2.114632	19.27030	32.72970
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	13.85000	4.65152	2.325762	6.44839	21.25161
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	19.60000	5.41172	2.705858	10.98875	28.21125
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	12.75000	7.27072	3.635359	1.18067	24.31933
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	20.87500	2.81588	1.407939	16.39431	25.35569
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	6.32500	2.86516	1.432582	1.76588	10.88412
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	16.60000	3.13156	1.565780	11.61699	21.58301
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	8.05000	3.61617	1.808084	2.29587	13.80413
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	10.57500	5.49750	2.748750	1.82725	19.32275
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	4.95000	2.13620	1.068098	1.55084	8.34916
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	18.60000	2.15716	1.078579	15.16748	22.03252

Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	8.52500	1.78209	0.891043	5.68930	11.36070
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	19.22500	2.58505	1.292527	15.11160	23.33840
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	9.77500	3.49988	1.749940	4.20591	15.34409
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	16.57500	2.41299	1.206493	12.73540	20.41460
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	12.22500	2.33720	1.168600	8.50599	15.94401
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	12.97500	3.46735	1.733674	7.45768	18.49232
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	10.15000	2.92404	1.462019	5.49720	14.80280
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	12.30000	2.66208	1.331040	8.06404	16.53596
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	10.92500	1.18708	0.593542	9.03609	12.81391
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	21.15000	7.60460	3.802302	9.04938	33.25062
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	23.30000	4.82563	2.412813	15.62135	30.97865
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	22.17500	5.46588	2.732940	13.47757	30.87243
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	21.95000	3.56324	1.781619	16.28009	27.61991
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	21.77500	6.64147	3.320737	11.20693	32.34307
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	19.60000	6.89009	3.445045	8.63633	30.56367
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	17.70000	13.27579	6.637896	-3.42475	38.82475
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	14.50000	4.36425	2.182124	7.55551	21.44449
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	13.65000	9.04305	4.521523	-0.73950	28.03950
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	17.65000	6.13542	3.067708	7.88718	27.41282
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	21.80000	8.14862	4.074310	8.83373	34.76627
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	14.15000	4.51405	2.257026	6.96714	21.33286
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	15.82500	8.50074	4.250368	2.29843	29.35157
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	16.80000	2.04450	1.022252	13.54674	20.05326
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	22.50000	7.77046	3.885228	10.13547	34.86453
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	8.57500	1.70367	0.851836	5.86408	11.28592
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	14.80000	5.89972	2.949859	5.41223	24.18777

Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	9.50000	5.00600	2.502998	1.53434	17.46566
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	12.27500	4.29525	2.147625	5.44030	19.10970
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	11.60000	1.06771	0.533854	9.90104	13.29896
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	26.42500	1.61941	0.809707	23.84815	29.00185
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	27.17500	3.25103	1.625513	22.00189	32.34811
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	24.42500	1.79141	0.895707	21.57446	27.27554
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	20.77500	3.22529	1.612645	15.64284	25.90716
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	15.90000	5.80861	2.904307	6.65720	25.14280
Sample*Time Point(Obese (Y/N))	1	No	30	5	15.24000	3.45948	1.547126	10.94449	19.53551
Sample*Time Point(Obese (Y/N))	1	No	60	5	16.00000	5.98456	2.676378	8.56918	23.43082
Sample*Time Point(Obese (Y/N))	1	No	120	5	15.16000	2.58515	1.156114	11.95011	18.36989
Sample*Time Point(Obese (Y/N))	1	No	180	5	7.90000	2.06640	0.924121	5.33423	10.46577
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	13.60000	6.83081	3.054832	5.11843	22.08157
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	13.56000	3.94373	1.763689	8.66321	18.45679
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	10.08000	1.59280	0.712320	8.10228	12.05772
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	10.56000	4.02964	1.802110	5.55654	15.56346
Sample*Time Point(Obese (Y/N))	2	No	30	5	22.28000	5.21939	2.334181	15.79928	28.76072
Sample*Time Point(Obese (Y/N))	2	No	60	5	21.32000	5.95836	2.664658	13.92172	28.71828
Sample*Time Point(Obese (Y/N))	2	No	120	5	17.12000	7.47342	3.342215	7.84052	26.39948
Sample*Time Point(Obese (Y/N))	2	No	180	5	14.20000	5.38284	2.407281	7.51632	20.88368
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	13.06000	5.71165	2.554330	5.96804	20.15196
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	9.92000	5.86063	2.620954	2.64307	17.19693
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	5.86000	1.59781	0.714563	3.87606	7.84394
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	7.90000	5.68199	2.541063	0.84488	14.95512
Sample*Time Point(Obese (Y/N))	3	No	30	5	15.82000	3.00450	1.343652	12.08942	19.55058
Sample*Time Point(Obese (Y/N))	3	No	60	5	14.34000	5.69236	2.545702	7.27200	21.40800

Sample*Time Point(Obese (Y/N))	3	No	120	5	16.08000	3.72586	1.666253	11.45374	20.70626
Sample*Time Point(Obese (Y/N))	3	No	180	5	17.50000	2.43208	1.087658	14.48018	20.51982
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	11.22000	2.36051	1.055651	8.28904	14.15096
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	10.02000	3.05892	1.367991	6.22185	13.81815
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	10.84000	2.90138	1.297536	7.23746	14.44254
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	9.20000	2.07364	0.927362	6.62523	11.77477
Sample*Time Point(Obese (Y/N))	4	No	30	5	26.66000	0.57706	0.258070	25.94348	27.37652
Sample*Time Point(Obese (Y/N))	4	No	60	5	25.12000	6.38138	2.853840	17.19647	33.04353
Sample*Time Point(Obese (Y/N))	4	No	120	5	14.60000	7.66844	3.429431	5.07837	24.12163
Sample*Time Point(Obese (Y/N))	4	No	180	5	10.78000	4.05117	1.811739	5.74980	15.81020
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	18.24000	3.40558	1.523023	14.01141	22.46859
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	17.64000	7.41539	3.316263	8.43258	26.84742
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	21.96000	5.58149	2.496117	15.02967	28.89033
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	19.76000	6.50292	2.908195	11.68556	27.83444
Sample*Time Point(Obese (Y/N))	5	No	30	5	19.40000	3.54471	1.585244	14.99866	23.80134
Sample*Time Point(Obese (Y/N))	5	No	60	5	24.26000	6.39594	2.860350	16.31840	32.20160
Sample*Time Point(Obese (Y/N))	5	No	120	5	17.36000	7.08364	3.167902	8.56450	26.15550
Sample*Time Point(Obese (Y/N))	5	No	180	5	8.74000	2.97960	1.332516	5.04034	12.43966
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	13.50000	4.12311	1.843909	8.38049	18.61951
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	12.06000	4.54346	2.031896	6.41855	17.70145
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	11.54000	4.66401	2.085809	5.74887	17.33113
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	11.40000	4.80833	2.150349	5.42967	17.37033
Sample*Time Point(Obese (Y/N))	6	No	30	5	22.54000	3.40779	1.524008	18.30868	26.77132
Sample*Time Point(Obese (Y/N))	6	No	60	5	24.16000	2.00449	0.896437	21.67109	26.64891
Sample*Time Point(Obese (Y/N))	6	No	120	5	22.20000	6.95270	3.109341	13.56709	30.83291
Sample*Time Point(Obese (Y/N))	6	No	180	5	22.86000	8.07577	3.611592	12.83261	32.88739



Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	STR-Vel - Mean	STR-Vel - Std.Dev.	STR-Vel - Std.Err	STR-Vel - -95.00%	STR-Vel - +95.00%
Total				220	43.06727	9.95881	0.671423	41.74400	44.39055
Concentration_New	0			44	46.68409	8.95409	1.349880	43.96180	49.40638
Concentration_New	1			44	45.60909	8.60162	1.296743	42.99396	48.22422
Concentration_New	2			44	43.47273	9.17211	1.382748	40.68415	46.26130
Concentration_New	3			44	40.69545	10.45711	1.576469	37.51620	43.87471
Concentration_New	4			44	38.87500	10.65683	1.606577	35.63503	42.11497
Obese (Y/N)	No			120	46.21333	9.24206	0.843681	44.54276	47.88391
Obese (Y/N)	Yes			100	39.29200	9.50413	0.950413	37.40618	41.17782
Time Point	30			55	45.48364	8.02006	1.081425	43.31551	47.65176
Time Point	60			55	44.74364	10.19665	1.374917	41.98709	47.50018
Time Point	120			55	42.15091	10.22911	1.379293	39.38559	44.91623
Time Point	180			55	39.89091	10.45720	1.410049	37.06393	42.71789
Concentration_New*Obese (Y/N)	0	No		24	49.75000	9.00000	1.837117	45.94963	53.55037
Concentration_New*Obese (Y/N)	0	Yes		20	43.00500	7.56811	1.692281	39.46302	46.54698
Concentration_New*Obese (Y/N)	1	No		24	48.59583	8.02314	1.637718	45.20796	51.98371
Concentration_New*Obese (Y/N)	1	Yes		20	42.02500	8.04572	1.799077	38.25949	45.79051
Concentration_New*Obese (Y/N)	2	No		24	47.64583	6.96182	1.421076	44.70611	50.58555
Concentration_New*Obese (Y/N)	2	Yes		20	38.46500	9.12846	2.041185	34.19275	42.73725
Concentration_New*Obese (Y/N)	3	No		24	44.85833	10.00995	2.043272	40.63150	49.08516
Concentration_New*Obese (Y/N)	3	Yes		20	35.70000	8.83331	1.975188	31.56588	39.83412
Concentration_New*Obese (Y/N)	4	No		24	40.21667	9.34562	1.907666	36.27036	44.16298
Concentration_New*Obese (Y/N)	4	Yes		20	37.26500	12.09512	2.704551	31.60431	42.92569

<b>Concentration_New*Time Point</b>	0	30		11	47.93636	7.20073	2.171102	43.09885	52.77388
<b>Concentration_New*Time Point</b>	0	60		11	48.77273	10.55842	3.183483	41.67949	55.86597
<b>Concentration_New*Time Point</b>	0	120		11	46.75455	9.22685	2.781999	40.55586	52.95323
<b>Concentration_New*Time Point</b>	0	180		11	43.27273	8.77270	2.645067	37.37915	49.16630
<b>Concentration_New*Time Point</b>	1	30		11	48.68182	5.07815	1.531121	45.27027	52.09337
<b>Concentration_New*Time Point</b>	1	60		11	47.74545	8.41824	2.538194	42.09001	53.40090
<b>Concentration_New*Time Point</b>	1	120		11	44.19091	9.41132	2.837619	37.86830	50.51352
<b>Concentration_New*Time Point</b>	1	180		11	41.81818	9.97465	3.007470	35.11712	48.51924
<b>Concentration_New*Time Point</b>	2	30		11	44.95455	8.54604	2.576727	39.21324	50.69585
<b>Concentration_New*Time Point</b>	2	60		11	43.66364	9.15667	2.760839	37.51210	49.81517
<b>Concentration_New*Time Point</b>	2	120		11	45.08182	7.81496	2.356300	39.83166	50.33198
<b>Concentration_New*Time Point</b>	2	180		11	40.19091	11.25366	3.393107	32.63060	47.75122
<b>Concentration_New*Time Point</b>	3	30		11	43.87273	6.54646	1.973833	39.47475	48.27070
<b>Concentration_New*Time Point</b>	3	60		11	43.80909	11.65311	3.513544	35.98043	51.63775
<b>Concentration_New*Time Point</b>	3	120		11	38.21818	12.57043	3.790126	29.77325	46.66311
<b>Concentration_New*Time Point</b>	3	180		11	36.88182	9.43534	2.844862	30.54307	43.22057
<b>Concentration_New*Time Point</b>	4	30		11	41.97273	10.91862	3.292087	34.63750	49.30795
<b>Concentration_New*Time Point</b>	4	60		11	39.72727	10.08802	3.041653	32.95005	46.50450
<b>Concentration_New*Time Point</b>	4	120		11	36.50909	9.10302	2.744663	30.39360	42.62458
<b>Concentration_New*Time Point</b>	4	180		11	37.29091	12.81487	3.863829	28.68176	45.90006
<b>Obese (Y/N)*Time Point</b>	No	30		30	48.40667	6.63444	1.211278	45.92933	50.88401
<b>Obese (Y/N)*Time Point</b>	No	60		30	49.49333	9.10612	1.662542	46.09305	52.89361
<b>Obese (Y/N)*Time Point</b>	No	120		30	45.43333	9.32329	1.702192	41.95196	48.91471
<b>Obese (Y/N)*Time Point</b>	No	180		30	41.52000	9.85472	1.799217	37.84019	45.19981
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	41.97600	8.24870	1.649740	38.57110	45.38090
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	39.04400	8.46764	1.693528	35.54873	42.53927

<b>Obese (Y/N)*Time Point</b>	Yes	120		25	38.21200	10.03823	2.007646	34.06842	42.35558
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	37.93600	11.01809	2.203617	33.38796	42.48404
<b>Sample(Obese (Y/N))</b>	1	No		20	39.55500	7.41034	1.657002	36.08685	43.02315
<b>Sample(Obese (Y/N))</b>	1	Yes		20	36.55500	7.15538	1.599991	33.20618	39.90382
<b>Sample(Obese (Y/N))</b>	2	No		20	49.91000	8.51592	1.904218	45.92443	53.89557
<b>Sample(Obese (Y/N))</b>	2	Yes		20	34.73000	11.77902	2.633869	29.21725	40.24275
<b>Sample(Obese (Y/N))</b>	3	No		20	43.58500	5.51804	1.233870	41.00248	46.16752
<b>Sample(Obese (Y/N))</b>	3	Yes		20	38.09500	5.73177	1.281662	35.41245	40.77755
<b>Sample(Obese (Y/N))</b>	4	No		20	48.04000	11.68654	2.613189	42.57053	53.50947
<b>Sample(Obese (Y/N))</b>	4	Yes		20	47.95500	7.63810	1.707930	44.38026	51.52974
<b>Sample(Obese (Y/N))</b>	5	No		20	43.42000	8.45898	1.891485	39.46108	47.37892
<b>Sample(Obese (Y/N))</b>	5	Yes		20	39.12500	8.89902	1.989881	34.96013	43.28987
<b>Sample(Obese (Y/N))</b>	6	No		20	52.77000	6.60742	1.477464	49.67763	55.86237
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	41.37500	7.07172	3.535858	30.12232	52.62768
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	41.90000	5.48574	2.742870	33.17096	50.62904
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	46.52500	2.80164	1.400818	42.06697	50.98303
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	38.32500	3.43936	1.719678	32.85222	43.79778
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	37.92500	5.12795	2.563973	29.76529	46.08471
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	38.82500	7.39251	3.696254	27.06187	50.58813
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	39.30000	5.97383	2.986916	29.79430	48.80570
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	34.75000	4.89251	2.446256	26.96492	42.53508
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	32.65000	9.56818	4.784088	17.42490	47.87510
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	Yes	4	28.97500	8.58269	4.291343	15.31803	42.63197
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	No	4	57.87500	7.24908	3.624540	46.34010	69.40990
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	Yes	4	43.62500	6.64599	3.322994	33.04975	54.20025
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	1	No	4	50.95000	7.63217	3.816084	38.80552	63.09448

Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	40.27500	12.78446	6.392232	19.93207	60.61793
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	50.57500	3.25512	1.627562	45.39537	55.75463
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	29.67500	9.87197	4.935986	13.96649	45.38351
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	49.02500	1.33760	0.668799	46.89658	51.15342
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	34.60000	13.17953	6.589765	13.62843	55.57157
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	41.12500	12.06438	6.032188	21.92789	60.32211
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	25.47500	10.25488	5.127438	9.15720	41.79280
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	46.22500	8.03300	4.016502	33.44270	59.00730
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	34.42500	3.28570	1.642851	29.19672	39.65328
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	46.50000	3.36155	1.680774	41.15103	51.84897
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	36.07500	7.01160	3.505799	24.91798	47.23202
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	45.65000	3.43754	1.718769	40.18011	51.11989
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	41.50000	4.23084	2.115420	34.76779	48.23221
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	39.60000	5.99389	2.996943	30.06239	49.13761
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	37.50000	7.61709	3.808543	25.37952	49.62048
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	39.95000	2.04206	1.021029	36.70063	43.19937
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	40.97500	4.66931	2.334657	33.54508	48.40492
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	50.62500	10.52184	5.260921	33.88240	67.36760
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	51.42500	5.68880	2.844402	42.37284	60.47716
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	53.85000	4.51184	2.255918	46.67066	61.02934
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	47.60000	4.12876	2.064380	41.03022	54.16978
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	50.72500	7.09853	3.549266	39.42965	62.02035
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	49.37500	4.05740	2.028700	42.91877	55.83123
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	45.65000	18.57068	9.285338	16.09991	75.20009
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	40.72500	6.97155	3.485775	29.63171	51.81829
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	39.35000	12.91575	6.457876	18.79816	59.90184

Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	50.65000	12.51892	6.259460	30.72961	70.57039
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	46.90000	9.38758	4.693790	31.96226	61.83774
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	43.65000	7.06753	3.533766	32.40398	54.89602
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	39.12500	12.38800	6.193999	19.41293	58.83707
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	47.85000	3.50381	1.751904	42.27466	53.42534
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	47.55000	7.57562	3.787809	35.49550	59.60450
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	32.95000	5.15267	2.576335	24.75095	41.14905
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	40.15000	7.32553	3.662763	28.49345	51.80655
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	30.92500	10.89537	5.447687	13.58803	48.26197
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	43.37500	4.77380	2.386900	35.77882	50.97118
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	40.25000	4.80451	2.402256	32.60495	47.89505
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	55.50000	1.01653	0.508265	53.88247	57.11753
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	54.62500	4.29603	2.148013	47.78907	61.46093
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	53.45000	3.84404	1.922022	47.33327	59.56673
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	55.42500	3.97272	1.986360	49.10352	61.74648
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	44.85000	10.87551	5.437754	27.54464	62.15536
Sample*Time Point(Obese (Y/N))	1	No	30	5	41.56000	5.39843	2.414249	34.85697	48.26303
Sample*Time Point(Obese (Y/N))	1	No	60	5	41.56000	8.48104	3.792835	31.02940	52.09060
Sample*Time Point(Obese (Y/N))	1	No	120	5	42.88000	2.66402	1.191386	39.57218	46.18782
Sample*Time Point(Obese (Y/N))	1	No	180	5	32.22000	7.84519	3.508475	22.47891	41.96109
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	38.36000	12.03445	5.381970	23.41726	53.30274
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	38.54000	6.85988	3.067833	30.02233	47.05767
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	34.54000	2.98211	1.333642	30.83722	38.24278
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	34.78000	4.94034	2.209389	28.64575	40.91425
Sample*Time Point(Obese (Y/N))	2	No	30	5	54.96000	4.77577	2.135790	49.03010	60.88990
Sample*Time Point(Obese (Y/N))	2	No	60	5	54.22000	6.63867	2.968906	45.97700	62.46300

Sample*Time Point(Obese (Y/N))	2	No	120	5	46.58000	11.35108	5.076357	32.48577	60.67423
Sample*Time Point(Obese (Y/N))	2	No	180	5	43.88000	5.85978	2.620572	36.60412	51.15588
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	41.66000	7.14619	3.195872	32.78684	50.53316
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	37.24000	11.85340	5.301000	22.52206	51.95794
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	28.36000	6.60439	2.953574	20.15956	36.56044
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	31.66000	17.13018	7.660849	10.39007	52.92993
Sample*Time Point(Obese (Y/N))	3	No	30	5	41.12000	4.19786	1.877339	35.90767	46.33233
Sample*Time Point(Obese (Y/N))	3	No	60	5	40.02000	5.48516	2.453039	33.20927	46.83073
Sample*Time Point(Obese (Y/N))	3	No	120	5	46.38000	4.22930	1.891402	41.12863	51.63137
Sample*Time Point(Obese (Y/N))	3	No	180	5	46.82000	5.71900	2.557616	39.71892	53.92108
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	38.60000	4.03547	1.804716	33.58930	43.61070
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	36.74000	7.90588	3.535619	26.92355	46.55645
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	38.42000	6.34011	2.835384	30.54771	46.29229
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	38.62000	5.82898	2.606799	31.38237	45.85763
Sample*Time Point(Obese (Y/N))	4	No	30	5	53.02000	1.71959	0.769025	50.88484	55.15516
Sample*Time Point(Obese (Y/N))	4	No	60	5	58.78000	8.41825	3.764758	48.32736	69.23264
Sample*Time Point(Obese (Y/N))	4	No	120	5	40.02000	13.27806	5.938131	23.53311	56.50689
Sample*Time Point(Obese (Y/N))	4	No	180	5	40.34000	8.30078	3.712223	30.03322	50.64678
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	48.98000	7.06024	3.157436	40.21355	57.74645
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	44.04000	7.87991	3.524003	34.25580	53.82420
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	51.76000	4.70032	2.102047	45.92378	57.59622
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	47.04000	10.17192	4.549022	34.40989	59.67011
Sample*Time Point(Obese (Y/N))	5	No	30	5	47.08000	2.96260	1.324915	43.40145	50.75855
Sample*Time Point(Obese (Y/N))	5	No	60	5	48.82000	4.06719	1.818901	43.76992	53.87008
Sample*Time Point(Obese (Y/N))	5	No	120	5	44.36000	8.50400	3.803104	33.80089	54.91911
Sample*Time Point(Obese (Y/N))	5	No	180	5	33.42000	7.93391	3.548154	23.56874	43.27126

Sample*Time Point(Obese (Y/N))	5	Yes	30	5	42.28000	7.35303	3.288373	33.15001	51.40999
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	38.66000	8.69730	3.889550	27.86088	49.45912
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	37.98000	11.04794	4.940789	24.26217	51.69783
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	37.58000	10.34708	4.627353	24.73241	50.42759
Sample*Time Point(Obese (Y/N))	6	No	30	5	52.70000	2.70463	1.209545	49.34176	56.05824
Sample*Time Point(Obese (Y/N))	6	No	60	5	53.56000	4.45679	1.993138	48.02616	59.09384
Sample*Time Point(Obese (Y/N))	6	No	120	5	52.38000	10.88288	4.866970	38.86712	65.89288
Sample*Time Point(Obese (Y/N))	6	No	180	5	52.44000	7.78768	3.482758	42.77031	62.10969

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	WOB-Vel - Mean	WOB-Vel - Std.Dev.	WOB-Vel - Std.Err	WOB-Vel - -95.00%	WOB-Vel - +95.00%
Total				220	35.9964	22.6690	1.52834	32.984	39.0085
Concentration_New	0			44	38.1386	9.1547	1.38012	35.355	40.9219
Concentration_New	1			44	38.2818	9.5211	1.43536	35.387	41.1765
Concentration_New	2			44	36.3909	9.7434	1.46887	33.429	39.3532
Concentration_New	3			44	38.7886	46.9927	7.08441	24.502	53.0757
Concentration_New	4			44	28.3818	7.8742	1.18707	25.988	30.7758
Obese (Y/N)	No			120	37.9883	9.4002	0.85812	36.289	39.6875
Obese (Y/N)	Yes			100	33.6060	31.9370	3.19370	27.269	39.9430
Time Point	30			55	37.6382	8.3671	1.12822	35.376	39.9001
Time Point	60			55	42.0655	42.0063	5.66413	30.710	53.4214
Time Point	120			55	33.8709	9.5906	1.29319	31.278	36.4636
Time Point	180			55	30.4109	8.9957	1.21298	27.979	32.8428
Concentration_New*Obese (Y/N)	0	No		24	42.0542	8.0786	1.64904	38.643	45.4655

<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	33.4400	8.2500	1.84476	29.579	37.3011
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	41.5458	8.9162	1.82001	37.781	45.3108
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	34.3650	8.9060	1.99145	30.197	38.5331
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	41.5042	6.8825	1.40488	38.598	44.4104
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	30.2550	9.2115	2.05976	25.944	34.5661
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	34.7750	8.3022	1.69469	31.269	38.2807
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	43.6050	69.7822	15.60377	10.946	76.2641
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	30.0625	8.7438	1.78482	26.370	33.7547
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	26.3650	6.3184	1.41284	23.408	29.3221
<b>Concentration_New*Time Point</b>	0	30		11	41.0000	7.9458	2.39575	35.662	46.3381
<b>Concentration_New*Time Point</b>	0	60		11	40.2000	9.8800	2.97893	33.563	46.8375
<b>Concentration_New*Time Point</b>	0	120		11	36.4727	7.7398	2.33363	31.273	41.6724
<b>Concentration_New*Time Point</b>	0	180		11	34.8818	10.5509	3.18122	27.794	41.9700
<b>Concentration_New*Time Point</b>	1	30		11	39.4364	5.7244	1.72597	35.591	43.2821
<b>Concentration_New*Time Point</b>	1	60		11	41.8364	9.4075	2.83646	35.516	48.1564
<b>Concentration_New*Time Point</b>	1	120		11	39.8636	11.0007	3.31682	32.473	47.2540
<b>Concentration_New*Time Point</b>	1	180		11	31.9909	9.2664	2.79394	25.766	38.2162
<b>Concentration_New*Time Point</b>	2	30		11	40.0182	7.6732	2.31355	34.863	45.1731
<b>Concentration_New*Time Point</b>	2	60		11	35.7364	11.8541	3.57413	27.773	43.7000
<b>Concentration_New*Time Point</b>	2	120		11	37.4909	9.3318	2.81365	31.222	43.7601
<b>Concentration_New*Time Point</b>	2	180		11	32.3182	9.3388	2.81576	26.044	38.5921
<b>Concentration_New*Time Point</b>	3	30		11	34.8091	7.1387	2.15240	30.013	39.6049
<b>Concentration_New*Time Point</b>	3	60		11	63.2636	91.9287	27.71755	1.505	125.0222
<b>Concentration_New*Time Point</b>	3	120		11	30.2545	7.1778	2.16419	25.432	35.0767
<b>Concentration_New*Time Point</b>	3	180		11	26.8273	5.3404	1.61020	23.240	30.4150
<b>Concentration_New*Time Point</b>	4	30		11	32.9273	10.8105	3.25948	25.665	40.1898



<b>Concentration_New*Time Point</b>	4	60		11	29.2909	5.4023	1.62886	25.662	32.9202
<b>Concentration_New*Time Point</b>	4	120		11	25.2727	4.4822	1.35144	22.262	28.2839
<b>Concentration_New*Time Point</b>	4	180		11	26.0364	7.7555	2.33839	20.826	31.2466
<b>Obese (Y/N)*Time Point</b>	No	30		30	42.1433	6.5608	1.19783	39.693	44.5932
<b>Obese (Y/N)*Time Point</b>	No	60		30	41.3300	8.9389	1.63202	37.992	44.6678
<b>Obese (Y/N)*Time Point</b>	No	120		30	37.1900	9.0507	1.65242	33.810	40.5696
<b>Obese (Y/N)*Time Point</b>	No	180		30	31.2900	9.0139	1.64571	27.924	34.6559
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	32.2320	7.0493	1.40985	29.322	35.1418
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	42.9480	62.2266	12.44533	17.262	68.6339
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	29.8880	8.8135	1.76269	26.250	33.5260
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	29.3560	9.0428	1.80856	25.623	33.0887
<b>Sample(Obese (Y/N))</b>	1	No		20	33.3350	7.8324	1.75138	29.669	37.0007
<b>Sample(Obese (Y/N))</b>	1	Yes		20	31.6450	7.1187	1.59180	28.313	34.9767
<b>Sample(Obese (Y/N))</b>	2	No		20	38.4050	10.1213	2.26319	33.668	43.1419
<b>Sample(Obese (Y/N))</b>	2	Yes		20	24.7000	7.3318	1.63945	21.269	28.1314
<b>Sample(Obese (Y/N))</b>	3	No		20	36.2100	5.7543	1.28669	33.517	38.9031
<b>Sample(Obese (Y/N))</b>	3	Yes		20	26.8550	4.2028	0.93978	24.888	28.8220
<b>Sample(Obese (Y/N))</b>	4	No		20	38.2600	10.9250	2.44290	33.147	43.3730
<b>Sample(Obese (Y/N))</b>	4	Yes		20	54.6450	67.5077	15.09518	23.050	86.2396
<b>Sample(Obese (Y/N))</b>	5	No		20	38.7150	11.7668	2.63113	33.208	44.2220
<b>Sample(Obese (Y/N))</b>	5	Yes		20	30.1850	4.6304	1.03538	28.018	32.3521
<b>Sample(Obese (Y/N))</b>	6	No		20	43.0050	6.7306	1.50500	39.855	46.1550
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	32.8250	6.1776	3.08879	22.995	42.6549
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	36.3250	6.2793	3.13963	26.333	46.3167
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	36.3750	9.4722	4.73610	21.303	51.4474
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	34.6000	7.0081	3.50405	23.449	45.7514

Sample*Concentration_New(Obese (Y/N))	1	2	No	4	37.4000	7.3815	3.69075	25.654	49.1456
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	35.3500	5.3451	2.67255	26.845	43.8552
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	34.8500	8.1998	4.09990	21.802	47.8977
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	29.5250	1.0046	0.50229	27.927	31.1235
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	25.2250	3.6691	1.83456	19.387	31.0634
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	22.4250	4.9338	2.46691	14.574	30.2758
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	44.8250	2.1975	1.09877	41.328	48.3218
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	31.1500	6.7752	3.38760	20.369	41.9309
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	42.9250	11.4302	5.71509	24.737	61.1130
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	29.6750	9.8442	4.92212	14.011	45.3394
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	41.1250	3.3330	1.66652	35.821	46.4286
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	20.7250	6.2007	3.10037	10.858	30.5918
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	33.8000	6.2145	3.10725	23.911	43.6887
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	22.7750	1.7366	0.86831	20.012	25.5383
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	29.3500	15.2946	7.64728	5.013	53.6870
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	19.1750	0.9979	0.49896	17.587	20.7629
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	40.5250	3.2346	1.61729	35.378	45.6719
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	24.6750	4.0020	2.00099	18.307	31.0430
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	41.2500	4.0682	2.03408	34.777	47.7234
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	26.4750	5.2233	2.61163	18.164	34.7864
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	36.2000	3.7921	1.89605	30.166	42.2341
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	29.7000	6.1601	3.08004	19.898	39.5021
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	32.3750	4.3331	2.16655	25.480	39.2699
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	26.6250	3.0804	1.54022	21.723	31.5267
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	30.7000	5.5456	2.77278	21.876	39.5242
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	26.8000	1.9339	0.96695	23.723	29.8773

Sample*Concentration_New(Obese (Y/N))	4	0	No	4	41.2750	10.7065	5.35325	24.239	58.3114
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	43.2000	7.1480	3.57398	31.826	54.5740
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	40.8500	8.2181	4.10903	27.773	53.9268
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	46.0000	5.5058	2.75288	37.239	54.7609
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	42.4000	8.5186	4.25930	28.845	55.9550
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	39.5000	11.6662	5.83310	20.936	58.0635
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	34.3000	15.6489	7.82443	9.399	59.2008
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	109.9500	153.0212	76.51059	-133.541	353.4409
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	32.4750	12.1181	6.05907	13.192	51.7577
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	34.5750	5.8688	2.93439	25.236	43.9135
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	45.2500	12.0251	6.01256	26.115	64.3846
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	31.8500	5.2647	2.63233	23.473	40.2273
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	38.2500	12.5203	6.26013	18.327	58.1725
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	35.0750	2.2692	1.13459	31.464	38.6858
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	46.2000	9.6066	4.80330	30.914	61.4862
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	26.0000	1.4537	0.72687	23.687	28.3132
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	35.9250	11.0013	5.50066	18.419	53.4306
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	29.1500	6.0611	3.03054	19.505	38.7945
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	27.9500	8.0868	4.04341	15.082	40.8179
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	28.8500	1.1561	0.57807	27.010	30.6897
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	47.6250	2.2232	1.11159	44.087	51.1626
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	49.6250	2.7945	1.39724	45.178	54.0717
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	45.7000	2.0543	1.02713	42.431	48.9688
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	37.4000	4.2056	2.10278	30.708	44.0920
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	34.6750	4.6111	2.30556	27.338	42.0123
Sample*Time Point(Obese (Y/N))	1	No	30	5	36.3400	6.2452	2.79296	28.586	44.0945

<b>Sample*Time Point(Obese (Y/N))</b>	1	No	60	5	37.3200	8.5608	3.82850	26.690	47.9496
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	120	5	35.3600	6.0855	2.72151	27.804	42.9161
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	180	5	24.3200	2.0548	0.91891	21.769	26.8713
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	30	5	33.1200	10.0243	4.48301	20.673	45.5668
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	60	5	34.8400	6.4407	2.88038	26.843	42.8372
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	120	5	29.1000	2.6991	1.20706	25.749	32.4513
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	180	5	29.5200	7.8890	3.52809	19.724	39.3155
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	30	5	44.1600	6.0148	2.68991	36.692	51.6284
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	60	5	38.8800	7.1072	3.17843	30.055	47.7047
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	39.0200	14.5104	6.48925	21.003	57.0371
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	31.5600	9.4142	4.21018	19.871	43.2493
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	30.6000	9.4029	4.20512	18.925	42.2753
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	25.0800	7.5553	3.37882	15.699	34.4611
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	20.5800	1.5498	0.69311	18.656	22.5044
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	22.5400	6.0579	2.70917	15.018	30.0619
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	38.3000	4.5486	2.03421	32.652	43.9479
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	34.8800	9.7884	4.37749	22.726	47.0339
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	34.3200	5.1509	2.30356	27.924	40.7157
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	37.3400	0.7162	0.32031	36.451	38.2293
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	28.9400	4.7742	2.13509	23.012	34.8680
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	26.8200	3.8971	1.74281	21.981	31.6588
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	27.9200	4.1342	1.84889	22.787	33.0533
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	23.7400	3.1382	1.40342	19.843	27.6365
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	50.3600	1.5534	0.69469	48.431	52.2888
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	42.1800	6.1638	2.75652	34.527	49.8333
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	34.5600	9.4965	4.24695	22.769	46.3514

Sample*Time Point(Obese (Y/N))	4	No	180	5	25.9400	5.2238	2.33615	19.454	32.4262
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	37.1600	3.9715	1.77612	32.229	42.0913
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	97.5000	135.5348	60.61301	-70.789	265.7887
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	42.4200	10.2904	4.60200	29.643	55.1972
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	41.5000	8.6672	3.87608	30.738	52.2617
Sample*Time Point(Obese (Y/N))	5	No	30	5	41.0400	5.9176	2.64643	33.692	48.3877
Sample*Time Point(Obese (Y/N))	5	No	60	5	49.4600	11.0364	4.93565	35.756	63.1635
Sample*Time Point(Obese (Y/N))	5	No	120	5	38.2600	10.8558	4.85485	24.781	51.7392
Sample*Time Point(Obese (Y/N))	5	No	180	5	26.1000	5.7223	2.55910	18.995	33.2052
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	31.3400	4.6339	2.07234	25.586	37.0937
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	30.5000	5.4314	2.42899	23.756	37.2440
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	29.4200	4.7840	2.13949	23.480	35.3602
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	29.4800	4.9837	2.22877	23.292	35.6680
Sample*Time Point(Obese (Y/N))	6	No	30	5	42.6600	5.1839	2.31832	36.223	49.0967
Sample*Time Point(Obese (Y/N))	6	No	60	5	45.2600	4.1789	1.86885	40.071	50.4488
Sample*Time Point(Obese (Y/N))	6	No	120	5	41.6200	7.6457	3.41927	32.127	51.1134
Sample*Time Point(Obese (Y/N))	6	No	180	5	42.4800	10.1556	4.54174	29.870	55.0899

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	ALH-Others - Mean	ALH-Others - Std.Dev.	ALH-Others - Std.Err	ALH-Others - -95.00%	ALH-Others - +95.00%
Total				220	6.49227	3.010330	0.202956	6.09228	6.89227
Concentration_New	0			44	8.20682	2.319623	0.349696	7.50159	8.91205
Concentration_New	1			44	6.99318	2.755746	0.415444	6.15536	7.83101
Concentration_New	2			44	5.94318	2.818824	0.424954	5.08618	6.80018

<b>Concentration_New</b>	3			44	5.75682	3.358183	0.506265	4.73584	6.77780
<b>Concentration_New</b>	4			44	5.56136	2.990311	0.450806	4.65223	6.47050
<b>Obese (Y/N)</b>	No			120	6.96833	2.651842	0.242079	6.48899	7.44767
<b>Obese (Y/N)</b>	Yes			100	5.92100	3.314989	0.331499	5.26323	6.57877
<b>Time Point</b>	30			55	6.95091	2.378598	0.320730	6.30788	7.59393
<b>Time Point</b>	60			55	6.89273	2.449554	0.330298	6.23052	7.55493
<b>Time Point</b>	120			55	6.12000	3.237477	0.436541	5.24479	6.99521
<b>Time Point</b>	180			55	6.00545	3.721878	0.501858	4.99929	7.01162
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	8.51667	2.655211	0.541993	7.39547	9.63786
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	7.83500	1.837411	0.410858	6.97507	8.69493
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	7.57083	2.114028	0.431524	6.67816	8.46351
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	6.30000	3.293854	0.736528	4.75843	7.84157
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	7.06667	2.331946	0.476006	6.08197	8.05136
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	4.59500	2.809284	0.628175	3.28021	5.90979
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	6.05417	2.660333	0.543038	4.93081	7.17753
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	5.40000	4.087722	0.914042	3.48689	7.31311
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	5.63333	2.593749	0.529447	4.53809	6.72858
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	5.47500	3.475459	0.777136	3.84844	7.10156
<b>Concentration_New*Time Point</b>	0	30		11	7.79091	0.893817	0.269496	7.19043	8.39138
<b>Concentration_New*Time Point</b>	0	60		11	8.19091	1.595277	0.480994	7.11919	9.26263
<b>Concentration_New*Time Point</b>	0	120		11	8.27273	2.091933	0.630741	6.86735	9.67811
<b>Concentration_New*Time Point</b>	0	180		11	8.57273	3.882548	1.170632	5.96440	11.18106
<b>Concentration_New*Time Point</b>	1	30		11	7.90909	1.835459	0.553412	6.67601	9.14217
<b>Concentration_New*Time Point</b>	1	60		11	7.64545	2.656074	0.800836	5.86108	9.42983
<b>Concentration_New*Time Point</b>	1	120		11	6.05455	3.381527	1.019569	3.78280	8.32629
<b>Concentration_New*Time Point</b>	1	180		11	6.36364	2.828524	0.852832	4.46341	8.26386

<b>Concentration_New*Time Point</b>	2	30		11	5.97273	2.573749	0.776014	4.24366	7.70180
<b>Concentration_New*Time Point</b>	2	60		11	6.78182	1.738285	0.524113	5.61402	7.94961
<b>Concentration_New*Time Point</b>	2	120		11	6.62727	3.199091	0.964562	4.47809	8.77645
<b>Concentration_New*Time Point</b>	2	180		11	4.39091	3.216661	0.969860	2.22993	6.55189
<b>Concentration_New*Time Point</b>	3	30		11	6.58182	3.215841	0.969613	4.42139	8.74225
<b>Concentration_New*Time Point</b>	3	60		11	6.23636	3.233658	0.974985	4.06396	8.40876
<b>Concentration_New*Time Point</b>	3	120		11	4.44545	3.254954	0.981406	2.25875	6.63216
<b>Concentration_New*Time Point</b>	3	180		11	5.76364	3.769157	1.136444	3.23148	8.29579
<b>Concentration_New*Time Point</b>	4	30		11	6.50000	2.491184	0.751120	4.82640	8.17360
<b>Concentration_New*Time Point</b>	4	60		11	5.60909	2.132348	0.642927	4.17656	7.04162
<b>Concentration_New*Time Point</b>	4	120		11	5.20000	3.249308	0.979703	3.01709	7.38291
<b>Concentration_New*Time Point</b>	4	180		11	4.93636	3.948993	1.190666	2.28339	7.58933
<b>Obese (Y/N)*Time Point</b>	No	30		30	7.51667	1.233745	0.225250	7.05598	7.97735
<b>Obese (Y/N)*Time Point</b>	No	60		30	7.08667	1.223543	0.223387	6.62979	7.54355
<b>Obese (Y/N)*Time Point</b>	No	120		30	7.19667	2.885455	0.526810	6.11922	8.27411
<b>Obese (Y/N)*Time Point</b>	No	180		30	6.07333	4.037747	0.737188	4.56561	7.58105
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	6.27200	3.163927	0.632785	4.96600	7.57800
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	6.66000	3.404164	0.680833	5.25483	8.06517
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	4.82800	3.214747	0.642949	3.50102	6.15498
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	5.92400	3.384558	0.676912	4.52692	7.32108
<b>Sample(Obese (Y/N))</b>	1	No		20	5.93000	2.194275	0.490655	4.90305	6.95695
<b>Sample(Obese (Y/N))</b>	1	Yes		20	4.08500	2.795725	0.625143	2.77656	5.39344
<b>Sample(Obese (Y/N))</b>	2	No		20	7.02000	1.530256	0.342176	6.30382	7.73618
<b>Sample(Obese (Y/N))</b>	2	Yes		20	4.99000	4.590482	1.026463	2.84159	7.13841
<b>Sample(Obese (Y/N))</b>	3	No		20	7.99500	1.884975	0.421493	7.11280	8.87720
<b>Sample(Obese (Y/N))</b>	3	Yes		20	6.95500	3.451388	0.771754	5.33970	8.57030

Sample(Obese (Y/N))	4	No		20	6.46000	2.604328	0.582346	5.24114	7.67886
Sample(Obese (Y/N))	4	Yes		20	6.83500	2.111192	0.472077	5.84693	7.82307
Sample(Obese (Y/N))	5	No		20	6.37000	4.380591	0.979530	4.31982	8.42018
Sample(Obese (Y/N))	5	Yes		20	6.74000	2.197702	0.491421	5.71144	7.76856
Sample(Obese (Y/N))	6	No		20	8.03500	1.807958	0.404272	7.18885	8.88115
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	7.80000	1.760682	0.880341	4.99836	10.60164
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	6.97500	0.221736	0.110868	6.62217	7.32783
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	6.92500	1.521786	0.760893	4.50350	9.34650
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	4.25000	0.946925	0.473462	2.74323	5.75677
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	5.75000	2.085665	1.042833	2.43124	9.06876
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	2.82500	3.372808	1.686404	-2.54189	8.19189
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	5.37500	1.147098	0.573549	3.54971	7.20029
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	3.65000	2.754995	1.377498	-0.73381	8.03381
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	3.80000	2.631856	1.315928	-0.38787	7.98787
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	2.72500	3.685444	1.842722	-3.13936	8.58936
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	7.62500	0.880814	0.440407	6.22343	9.02657
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	8.05000	2.978255	1.489127	3.31093	12.78907
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	7.47500	1.558578	0.779289	4.99495	9.95505
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	6.57500	6.006316	3.003158	-2.98239	16.13239
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	7.55000	1.905256	0.952628	4.51831	10.58169
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	3.30000	2.387467	1.193734	-0.49899	7.09899
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	6.87500	0.997914	0.498957	5.28710	8.46290
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	4.55000	6.364747	3.182373	-5.57773	14.67773
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	5.57500	1.746186	0.873093	2.79643	8.35357
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	2.47500	3.737535	1.868767	-3.47225	8.42225
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	7.90000	1.308944	0.654472	5.81718	9.98282



Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	8.80000	2.359378	1.179689	5.04570	12.55430
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	7.50000	1.930458	0.965229	4.42821	10.57179
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	6.12500	4.580666	2.290333	-1.16386	13.41386
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	8.32500	2.750000	1.375000	3.94914	12.70086
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	6.42500	1.892749	0.946375	3.41321	9.43679
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	7.65000	0.932738	0.466369	6.16581	9.13419
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	5.97500	5.331901	2.665950	-2.50924	14.45924
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	8.60000	2.738613	1.369306	4.24226	12.95774
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	7.45000	3.073001	1.536500	2.56017	12.33983
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	7.40000	0.948683	0.474342	5.89043	8.90957
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	7.87500	1.808084	0.904042	4.99794	10.75206
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	8.80000	0.812404	0.406202	7.50728	10.09272
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	6.90000	0.804156	0.402078	5.62041	8.17959
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	6.67500	0.699405	0.349702	5.56209	7.78791
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	6.72500	2.050000	1.025000	3.46299	9.98701
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	5.30000	3.648744	1.824372	-0.50597	11.10597
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	5.40000	3.676955	1.838478	-0.45086	11.25086
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	4.12500	3.160564	1.580282	-0.90416	9.15416
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	7.27500	1.456880	0.728440	4.95678	9.59322
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	10.82500	5.882956	2.941478	1.46390	20.18610
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	7.47500	1.078193	0.539096	5.75935	9.19065
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	5.87500	4.005309	2.002654	-0.49834	12.24834
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	7.65000	1.206924	0.603462	5.72951	9.57049
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	5.37500	3.583643	1.791822	-0.32738	11.07738
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	3.70000	2.669582	1.334791	-0.54790	7.94790
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	3.75000	4.379117	2.189559	-3.21815	10.71815

Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	7.42500	2.196019	1.098010	3.93064	10.91936
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	6.02500	1.201041	0.600521	4.11388	7.93612
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	7.45000	0.759386	0.379693	6.24165	8.65835
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	9.55000	0.714143	0.357071	8.41364	10.68636
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	8.85000	0.695222	0.347611	7.74375	9.95625
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	8.72500	0.629153	0.314576	7.72388	9.72612
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	7.37500	1.875056	0.937528	4.39137	10.35863
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	5.67500	1.791415	0.895707	2.82446	8.52554
Sample*Time Point(Obese (Y/N))	1	No	30	5	7.00000	1.566844	0.700714	5.05451	8.94549
Sample*Time Point(Obese (Y/N))	1	No	60	5	6.56000	0.873499	0.390640	5.47541	7.64459
Sample*Time Point(Obese (Y/N))	1	No	120	5	6.00000	2.537716	1.134901	2.84901	9.15099
Sample*Time Point(Obese (Y/N))	1	No	180	5	4.16000	2.713485	1.213507	0.79076	7.52924
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	4.70000	2.781187	1.243785	1.24670	8.15330
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	4.68000	3.037598	1.358455	0.90832	8.45168
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	4.16000	2.902241	1.297921	0.55639	7.76361
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	2.80000	2.958885	1.323254	-0.87394	6.47394
Sample*Time Point(Obese (Y/N))	2	No	30	5	7.20000	1.610900	0.720417	5.19980	9.20020
Sample*Time Point(Obese (Y/N))	2	No	60	5	7.44000	1.331540	0.595483	5.78667	9.09333
Sample*Time Point(Obese (Y/N))	2	No	120	5	7.10000	2.079663	0.930054	4.51776	9.68224
Sample*Time Point(Obese (Y/N))	2	No	180	5	6.34000	1.258173	0.562672	4.77777	7.90223
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	7.74000	3.809593	1.703702	3.00977	12.47023
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	6.06000	6.772223	3.028630	-2.34883	14.46883
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	2.52000	2.680858	1.198916	-0.80872	5.84872
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	3.64000	3.426806	1.532514	-0.61494	7.89494
Sample*Time Point(Obese (Y/N))	3	No	30	5	7.34000	1.080740	0.483322	5.99808	8.68192
Sample*Time Point(Obese (Y/N))	3	No	60	5	6.40000	0.556776	0.248998	5.70867	7.09133

<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	9.80000	2.373815	1.061603	6.85252	12.74748
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	8.44000	1.314534	0.587878	6.80779	10.07221
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	5.56000	4.160889	1.860806	0.39357	10.72643
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	7.04000	1.230041	0.550091	5.51270	8.56730
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	6.20000	4.463743	1.996246	0.65753	11.74247
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	9.02000	3.057286	1.367260	5.22388	12.81612
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	7.18000	0.909395	0.406694	6.05084	8.30916
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	7.36000	0.955510	0.427317	6.17358	8.54642
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	5.68000	3.499571	1.565056	1.33471	10.02529
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	180	5	5.62000	3.863548	1.727831	0.82277	10.41723
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	30	5	7.34000	1.092245	0.488467	5.98380	8.69620
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	60	5	7.80000	1.218606	0.544977	6.28690	9.31310
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	120	5	5.92000	3.677227	1.644506	1.35412	10.48588
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	180	5	6.28000	1.434225	0.641405	4.49918	8.06082
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	30	5	7.98000	0.804363	0.359722	6.98125	8.97875
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	60	5	6.36000	0.898888	0.401995	5.24388	7.47612
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	120	5	6.20000	3.541892	1.583982	1.80216	10.59784
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	180	5	4.94000	8.444999	3.776718	-5.54585	15.42585
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	30	5	6.02000	3.374463	1.509106	1.83005	10.20995
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	60	5	7.72000	1.697645	0.759210	5.61209	9.82791
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	120	5	5.34000	1.250200	0.559106	3.78767	6.89233
<b>Sample*Time Point(Obese (Y/N))</b>	5	Yes	180	5	7.88000	1.089495	0.487237	6.52721	9.23279
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	30	5	8.40000	1.208305	0.540370	6.89969	9.90031
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	60	5	8.40000	1.511622	0.676018	6.52307	10.27693
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	120	5	8.40000	1.723369	0.770714	6.26016	10.53984
<b>Sample*Time Point(Obese (Y/N))</b>	6	No	180	5	6.94000	2.610172	1.167305	3.69904	10.18096

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	BCF-Others - Mean	BCF-Others - Std.Dev.	BCF-Others - Std.Err	BCF-Others - -95.00%	BCF-Others - +95.00%
Total				220	4.06045	5.20207	0.35072	3.3692	4.75168
Concentration_New	0			44	5.02500	6.10021	0.91964	3.1704	6.87963
Concentration_New	1			44	3.88636	1.91282	0.28837	3.3048	4.46791
Concentration_New	2			44	3.83182	2.58860	0.39025	3.0448	4.61882
Concentration_New	3			44	3.85227	5.79119	0.87306	2.0916	5.61296
Concentration_New	4			44	3.70682	7.45022	1.12316	1.4417	5.97189
Obese (Y/N)	No			120	4.92167	6.53131	0.59622	3.7411	6.10225
Obese (Y/N)	Yes			100	3.02700	2.57093	0.25709	2.5169	3.53713
Time Point	30			55	5.40909	7.93654	1.07016	3.2635	7.55464
Time Point	60			55	3.97455	2.09481	0.28246	3.4082	4.54085
Time Point	120			55	3.95455	5.83336	0.78657	2.3776	5.53152
Time Point	180			55	2.90364	2.26053	0.30481	2.2925	3.51474
Concentration_New*Obese (Y/N)	0	No		24	5.99167	7.87676	1.60784	2.6656	9.31773
Concentration_New*Obese (Y/N)	0	Yes		20	3.86500	2.55266	0.57079	2.6703	5.05968
Concentration_New*Obese (Y/N)	1	No		24	4.22500	1.62086	0.33086	3.5406	4.90943
Concentration_New*Obese (Y/N)	1	Yes		20	3.48000	2.18671	0.48896	2.4566	4.50341
Concentration_New*Obese (Y/N)	2	No		24	4.35833	1.86126	0.37993	3.5724	5.14427
Concentration_New*Obese (Y/N)	2	Yes		20	3.20000	3.19391	0.71418	1.7052	4.69480
Concentration_New*Obese (Y/N)	3	No		24	4.90833	7.40493	1.51152	1.7815	8.03516
Concentration_New*Obese (Y/N)	3	Yes		20	2.58500	2.53487	0.56681	1.3986	3.77135
Concentration_New*Obese (Y/N)	4	No		24	5.12500	9.78087	1.99651	0.9949	9.25510
Concentration_New*Obese (Y/N)	4	Yes		20	2.00500	2.05515	0.45955	1.0432	2.96684

<b>Concentration_New*Time Point</b>	0	30		11	4.26364	1.83590	0.55355	3.0303	5.49701
<b>Concentration_New*Time Point</b>	0	60		11	4.83636	1.93818	0.58438	3.5343	6.13845
<b>Concentration_New*Time Point</b>	0	120		11	7.75455	11.72164	3.53421	-0.1202	15.62925
<b>Concentration_New*Time Point</b>	0	180		11	3.24545	1.77052	0.53383	2.0560	4.43490
<b>Concentration_New*Time Point</b>	1	30		11	4.66364	1.99914	0.60276	3.3206	6.00667
<b>Concentration_New*Time Point</b>	1	60		11	3.84545	1.33818	0.40348	2.9465	4.74446
<b>Concentration_New*Time Point</b>	1	120		11	3.13636	2.08003	0.62715	1.7390	4.53375
<b>Concentration_New*Time Point</b>	1	180		11	3.90000	2.08183	0.62769	2.5014	5.29859
<b>Concentration_New*Time Point</b>	2	30		11	4.03636	2.00912	0.60577	2.6866	5.38611
<b>Concentration_New*Time Point</b>	2	60		11	3.71818	1.63513	0.49301	2.6197	4.81667
<b>Concentration_New*Time Point</b>	2	120		11	4.53636	3.59090	1.08270	2.1240	6.94876
<b>Concentration_New*Time Point</b>	2	180		11	3.03636	2.81186	0.84781	1.1473	4.92540
<b>Concentration_New*Time Point</b>	3	30		11	6.68182	10.80591	3.25810	-0.5777	13.94133
<b>Concentration_New*Time Point</b>	3	60		11	4.05455	2.30797	0.69588	2.5040	5.60506
<b>Concentration_New*Time Point</b>	3	120		11	2.22727	1.97590	0.59576	0.8998	3.55470
<b>Concentration_New*Time Point</b>	3	180		11	2.44545	2.06899	0.62382	1.0555	3.83542
<b>Concentration_New*Time Point</b>	4	30		11	7.40000	14.20204	4.28208	-2.1411	16.94106
<b>Concentration_New*Time Point</b>	4	60		11	3.41818	2.98222	0.89917	1.4147	5.42166
<b>Concentration_New*Time Point</b>	4	120		11	2.11818	1.11608	0.33651	1.3684	2.86798
<b>Concentration_New*Time Point</b>	4	180		11	1.89091	2.31061	0.69667	0.3386	3.44320
<b>Obese (Y/N)*Time Point</b>	No	30		30	7.12000	10.25914	1.87305	3.2892	10.95083
<b>Obese (Y/N)*Time Point</b>	No	60		30	4.73333	1.57881	0.28825	4.1438	5.32287
<b>Obese (Y/N)*Time Point</b>	No	120		30	4.86667	7.34745	1.34146	2.1231	7.61025
<b>Obese (Y/N)*Time Point</b>	No	180		30	2.96667	2.07951	0.37967	2.1902	3.74317
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	3.35600	2.54903	0.50981	2.3038	4.40819
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	3.06400	2.29744	0.45949	2.1157	4.01234

<b>Obese (Y/N)*Time Point</b>	Yes	120		25	2.86000	3.00721	0.60144	1.6187	4.10132
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	2.82800	2.50225	0.50045	1.7951	3.86088
<b>Sample(Obese (Y/N))</b>	1	No		20	2.75000	1.59951	0.35766	2.0014	3.49859
<b>Sample(Obese (Y/N))</b>	1	Yes		20	2.32000	2.43172	0.54375	1.1819	3.45808
<b>Sample(Obese (Y/N))</b>	2	No		20	6.65000	8.59905	1.92281	2.6255	10.67448
<b>Sample(Obese (Y/N))</b>	2	Yes		20	2.04000	2.32275	0.51938	0.9529	3.12708
<b>Sample(Obese (Y/N))</b>	3	No		20	4.47000	1.43127	0.32004	3.8001	5.13985
<b>Sample(Obese (Y/N))</b>	3	Yes		20	3.03500	2.75858	0.61684	1.7439	4.32606
<b>Sample(Obese (Y/N))</b>	4	No		20	5.73500	10.51852	2.35201	0.8122	10.65782
<b>Sample(Obese (Y/N))</b>	4	Yes		20	4.31500	2.22693	0.49796	3.2728	5.35724
<b>Sample(Obese (Y/N))</b>	5	No		20	5.23500	8.14153	1.82050	1.4246	9.04535
<b>Sample(Obese (Y/N))</b>	5	Yes		20	3.42500	2.66416	0.59572	2.1781	4.67187
<b>Sample(Obese (Y/N))</b>	6	No		20	4.69000	1.58742	0.35496	3.9471	5.43293
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	4.25000	1.34040	0.67020	2.1171	6.38287
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	4.20000	3.17175	1.58588	-0.8470	9.24696
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	3.00000	1.34907	0.67454	0.8533	5.14668
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	3.05000	2.23084	1.11542	-0.4998	6.59977
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	3.02500	1.60494	0.80247	0.4712	5.57882
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	1.65000	2.61852	1.30926	-2.5167	5.81666
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	2.20000	1.51658	0.75829	-0.2132	4.61321
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	1.57500	2.19754	1.09877	-1.9218	5.07177
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	1.27500	1.10567	0.55283	-0.4844	3.03436
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	Yes	4	1.12500	1.43614	0.71807	-1.1602	3.41022
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	No	4	14.77500	18.60938	9.30469	-14.8367	44.38668
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	Yes	4	3.90000	2.21359	1.10680	0.3777	7.42232
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	1	No	4	5.05000	1.16762	0.58381	3.1921	6.90794

Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	2.77500	1.95683	0.97841	-0.3387	5.88875
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	5.45000	1.36991	0.68496	3.2702	7.62984
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	1.52500	1.86078	0.93039	-1.4359	4.48592
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	4.92500	1.12361	0.56181	3.1371	6.71291
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	1.85000	3.37491	1.68745	-3.5202	7.22023
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	3.05000	1.70196	0.85098	0.3418	5.75820
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	0.15000	0.30000	0.15000	-0.3274	0.62737
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	4.85000	0.93274	0.46637	3.3658	6.33419
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	4.97500	4.45748	2.22874	-2.1179	12.06785
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	4.97500	0.90323	0.45162	3.5378	6.41225
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	3.05000	3.52278	1.76139	-2.5555	8.65553
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	5.60000	2.18327	1.09163	2.1259	9.07407
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	3.25000	0.62450	0.31225	2.2563	4.24372
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	3.55000	0.36968	0.18484	2.9617	4.13825
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	2.32500	1.89978	0.94989	-0.6980	5.34798
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	3.37500	1.19269	0.59634	1.4772	5.27283
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	1.57500	1.82277	0.91139	-1.3254	4.47544
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	3.52500	0.53151	0.26575	2.6793	4.37075
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	3.60000	0.75277	0.37639	2.4022	4.79783
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	4.45000	2.06801	1.03401	1.1593	7.74067
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	4.55000	1.94336	0.97168	1.4577	7.64233
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	3.77500	1.22304	0.61152	1.8289	5.72113
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	4.77500	2.76571	1.38286	0.3741	9.17587
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	3.05000	2.72825	1.36412	-1.2913	7.39125
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	4.70000	3.30958	1.65479	-0.5663	9.96628
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	13.87500	23.98797	11.99398	-24.2952	52.04521

Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	3.95000	2.65518	1.32759	-0.2750	8.17499
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	3.97500	1.20104	0.60052	2.0639	5.88612
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	2.65000	1.42009	0.71005	0.3903	4.90969
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	3.52500	2.64748	1.32374	-0.6877	7.73774
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	3.97500	1.51079	0.75540	1.5710	6.37901
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	4.02500	2.94887	1.47443	-0.6673	8.71731
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	4.80000	5.70789	2.85394	-4.2825	13.88253
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	10.80000	18.59910	9.29955	-18.7953	40.39532
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	2.47500	1.32759	0.66380	0.3625	4.58749
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	3.85000	2.21585	1.10793	0.3241	7.37591
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	3.22500	1.15289	0.57645	1.3905	5.05951
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	4.57500	0.33040	0.16520	4.0493	5.10075
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	4.35000	0.67577	0.33789	3.2747	5.42530
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	4.27500	0.72284	0.36142	3.1248	5.42520
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	4.92500	0.43493	0.21747	4.2329	5.61708
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	5.32500	3.69718	1.84859	-0.5580	11.20804
Sample*Time Point(Obese (Y/N))	1	No	30	5	2.92000	1.82538	0.81633	0.6535	5.18650
Sample*Time Point(Obese (Y/N))	1	No	60	5	3.92000	1.06630	0.47686	2.5960	5.24399
Sample*Time Point(Obese (Y/N))	1	No	120	5	2.88000	1.49566	0.66888	1.0229	4.73711
Sample*Time Point(Obese (Y/N))	1	No	180	5	1.28000	0.98843	0.44204	0.0527	2.50730
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	3.80000	3.03562	1.35757	0.0308	7.56922
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	2.20000	2.50599	1.12071	-0.9116	5.31160
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	2.38000	2.02040	0.90355	-0.1287	4.88865
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	0.90000	1.79722	0.80374	-1.3315	3.13154
Sample*Time Point(Obese (Y/N))	2	No	30	5	4.66000	1.10589	0.49457	3.2869	6.03315
Sample*Time Point(Obese (Y/N))	2	No	60	5	5.72000	1.04499	0.46733	4.4225	7.01752



<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	11.84000	17.24248	7.71107	-9.5694	33.24936
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	4.38000	2.33923	1.04614	1.4755	7.28454
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	3.02000	2.62431	1.17363	-0.2385	6.27851
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	2.56000	2.34691	1.04957	-0.3541	5.47408
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	0.50000	0.53852	0.24083	-0.1687	1.16866
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	2.08000	2.90465	1.29900	-1.5266	5.68660
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	4.88000	1.33679	0.59783	3.2202	6.53984
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	4.04000	1.04067	0.46540	2.7478	5.33217
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	4.40000	1.99750	0.89331	1.9198	6.88022
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	4.56000	1.55338	0.69469	2.6312	6.48878
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	1.40000	1.94936	0.87178	-1.0204	3.82045
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	4.12000	3.04089	1.35993	0.3442	7.89576
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	3.54000	3.56062	1.59236	-0.8811	7.96109
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	3.08000	2.29935	1.02830	0.2250	5.93502
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	13.96000	20.07170	8.97634	-10.9623	38.88230
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	4.44000	1.21573	0.54369	2.9305	5.94953
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	2.04000	1.43979	0.64389	0.2523	3.82774
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	180	5	2.50000	1.51822	0.67897	0.6149	4.38512
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	30	5	5.20000	1.85472	0.82946	2.8971	7.50294
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	60	5	3.34000	2.35117	1.05148	0.4206	6.25936
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	120	5	3.08000	1.97155	0.88170	0.6320	5.52800
<b>Sample*Time Point(Obese (Y/N))</b>	4	Yes	180	5	5.64000	2.10547	0.94159	3.0257	8.25429
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	30	5	11.42000	15.15774	6.77875	-7.4008	30.24082
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	60	5	4.98000	1.42548	0.63750	3.2100	6.74997
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	120	5	3.64000	2.64064	1.18093	0.3612	6.91879
<b>Sample*Time Point(Obese (Y/N))</b>	5	No	180	5	0.90000	1.23288	0.55136	-0.6308	2.43083

Sample*Time Point(Obese (Y/N))	5	Yes	30	5	3.36000	2.49459	1.11562	0.2626	6.45745
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	3.10000	1.53786	0.68775	1.1905	5.00950
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	4.80000	4.55302	2.03617	-0.8533	10.45332
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	2.44000	0.82644	0.36959	1.4138	3.46616
Sample*Time Point(Obese (Y/N))	6	No	30	5	4.88000	0.58052	0.25962	4.1592	5.60081
Sample*Time Point(Obese (Y/N))	6	No	60	5	5.30000	2.83196	1.26649	1.7837	8.81634
Sample*Time Point(Obese (Y/N))	6	No	120	5	4.40000	0.82765	0.37014	3.3723	5.42766
Sample*Time Point(Obese (Y/N))	6	No	180	5	4.18000	1.40961	0.63040	2.4297	5.93026

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Viability-Viab - Mean	Viability-Viab - Std.Dev.	Viability-Viab - Std.Err	Viability-Viab - -95.00%	Viability-Viab - +95.00%
Total				220	66.27273	12.51732	0.84392	64.60949	67.93597
Concentration_New	0			44	73.09091	13.02559	1.96368	69.13077	77.05105
Concentration_New	1			44	71.02273	10.46031	1.57695	67.84250	74.20295
Concentration_New	2			44	66.02273	11.60691	1.74981	62.49390	69.55155
Concentration_New	3			44	61.93182	10.82718	1.63226	58.64005	65.22358
Concentration_New	4			44	59.29545	11.27578	1.69989	55.86730	62.72361
Obese (Y/N)	No			120	72.55000	10.58368	0.96615	70.63692	74.46308
Obese (Y/N)	Yes			100	58.74000	10.33834	1.03383	56.68865	60.79135
Time Point	30			55	73.50909	10.26478	1.38410	70.73413	76.28405
Time Point	60			55	68.72727	11.76853	1.58687	65.54579	71.90875
Time Point	120			55	62.60000	11.76089	1.58584	59.42059	65.77941
Time Point	180			55	60.25455	11.96479	1.61333	57.02001	63.48908
Concentration_New*Obese (Y/N)	0	No		24	81.50000	6.18554	1.26262	78.88808	84.11192

Concentration_New*Obese (Y/N)	0	Yes		20	63.00000	11.88099	2.65667	57.43953	68.56047
Concentration_New*Obese (Y/N)	1	No		24	77.41667	7.35389	1.50111	74.31139	80.52194
Concentration_New*Obese (Y/N)	1	Yes		20	63.35000	8.27981	1.85142	59.47493	67.22507
Concentration_New*Obese (Y/N)	2	No		24	73.25000	7.96869	1.62660	69.88512	76.61488
Concentration_New*Obese (Y/N)	2	Yes		20	57.35000	9.10335	2.03557	53.08950	61.61050
Concentration_New*Obese (Y/N)	3	No		24	67.20833	9.36682	1.91199	63.25307	71.16359
Concentration_New*Obese (Y/N)	3	Yes		20	55.60000	9.04026	2.02146	51.36903	59.83097
Concentration_New*Obese (Y/N)	4	No		24	63.37500	10.46656	2.13648	58.95536	67.79464
Concentration_New*Obese (Y/N)	4	Yes		20	54.40000	10.43476	2.33328	49.51638	59.28362
Concentration_New*Time Point	0	30		11	80.36364	8.62870	2.60165	74.56679	86.16048
Concentration_New*Time Point	0	60		11	76.81818	8.44770	2.54708	71.14294	82.49342
Concentration_New*Time Point	0	120		11	67.36364	16.04539	4.83787	56.58420	78.14308
Concentration_New*Time Point	0	180		11	67.81818	13.64418	4.11387	58.65190	76.98447
Concentration_New*Time Point	1	30		11	78.27273	6.52826	1.96834	73.88698	82.65847
Concentration_New*Time Point	1	60		11	71.72727	13.20675	3.98198	62.85486	80.59969
Concentration_New*Time Point	1	120		11	68.27273	9.71690	2.92976	61.74482	74.80063
Concentration_New*Time Point	1	180		11	65.81818	7.90972	2.38487	60.50436	71.13200
Concentration_New*Time Point	2	30		11	75.36364	10.72635	3.23412	68.15758	82.56970
Concentration_New*Time Point	2	60		11	65.00000	10.24695	3.08957	58.11600	71.88400
Concentration_New*Time Point	2	120		11	62.63636	9.64648	2.90852	56.15577	69.11696
Concentration_New*Time Point	2	180		11	61.09091	11.38819	3.43367	53.44022	68.74160
Concentration_New*Time Point	3	30		11	64.72727	8.91169	2.68698	58.74032	70.71423
Concentration_New*Time Point	3	60		11	67.00000	11.84905	3.57262	59.03970	74.96030
Concentration_New*Time Point	3	120		11	60.81818	8.93105	2.69281	54.81822	66.81814
Concentration_New*Time Point	3	180		11	55.18182	10.77792	3.24967	47.94111	62.42253
Concentration_New*Time Point	4	30		11	68.81818	8.24401	2.48566	63.27978	74.35658

<b>Concentration_New*Time Point</b>	4	60		11	63.09091	11.01322	3.32061	55.69213	70.48969
<b>Concentration_New*Time Point</b>	4	120		11	53.90909	8.67703	2.61622	48.07978	59.73840
<b>Concentration_New*Time Point</b>	4	180		11	51.36364	8.09040	2.43935	45.92843	56.79884
<b>Obese (Y/N)*Time Point</b>	No	30		30	77.56667	10.11889	1.84745	73.78821	81.34512
<b>Obese (Y/N)*Time Point</b>	No	60		30	76.53333	7.17146	1.30932	73.85546	79.21120
<b>Obese (Y/N)*Time Point</b>	No	120		30	69.66667	10.35352	1.89029	65.80060	73.53274
<b>Obese (Y/N)*Time Point</b>	No	180		30	66.43333	10.43430	1.90503	62.53710	70.32957
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	68.64000	8.25066	1.65013	65.23430	72.04570
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	59.36000	9.05023	1.81005	55.62425	63.09575
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	54.12000	6.66033	1.33207	51.37075	56.86925
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	52.84000	9.24968	1.84994	49.02192	56.65808
<b>Sample(Obese (Y/N))</b>	1	No		20	72.85000	11.93083	2.66781	67.26620	78.43380
<b>Sample(Obese (Y/N))</b>	1	Yes		20	57.90000	11.32254	2.53180	52.60089	63.19911
<b>Sample(Obese (Y/N))</b>	2	No		20	72.45000	11.49130	2.56953	67.07191	77.82809
<b>Sample(Obese (Y/N))</b>	2	Yes		20	60.10000	9.55813	2.13726	55.62666	64.57334
<b>Sample(Obese (Y/N))</b>	3	No		20	74.40000	8.70209	1.94585	70.32730	78.47270
<b>Sample(Obese (Y/N))</b>	3	Yes		20	58.10000	9.51398	2.12739	53.64732	62.55268
<b>Sample(Obese (Y/N))</b>	4	No		20	74.25000	8.47209	1.89442	70.28494	78.21506
<b>Sample(Obese (Y/N))</b>	4	Yes		20	58.85000	8.95177	2.00168	54.66044	63.03956
<b>Sample(Obese (Y/N))</b>	5	No		20	72.10000	10.88650	2.43429	67.00496	77.19504
<b>Sample(Obese (Y/N))</b>	5	Yes		20	58.75000	12.78928	2.85977	52.76443	64.73557
<b>Sample(Obese (Y/N))</b>	6	No		20	69.25000	11.94670	2.67136	63.65877	74.84123
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	85.00000	4.69042	2.34521	77.53650	92.46350
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	61.00000	8.40635	4.20317	47.62363	74.37637
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	76.25000	7.88987	3.94493	63.69546	88.80454
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	63.75000	11.32475	5.66238	45.72979	81.77021

Sample*Concentration_New(Obese (Y/N))	1	2	No	4	76.00000	8.75595	4.37798	62.06733	89.93267
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	56.00000	10.42433	5.21217	39.41256	72.58744
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	66.75000	12.99679	6.49840	46.06920	87.43080
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	53.00000	12.19289	6.09645	33.59838	72.40162
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	60.25000	9.21502	4.60751	45.58684	74.91316
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	55.75000	15.94522	7.97261	30.37760	81.12240
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	80.00000	10.13246	5.06623	63.87700	96.12300
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	63.50000	11.03026	5.51513	45.94839	81.05161
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	82.00000	7.61577	3.80789	69.88161	94.11839
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	67.25000	5.73730	2.86865	58.12067	76.37933
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	75.00000	4.69042	2.34521	67.53650	82.46350
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	58.25000	10.87428	5.43714	40.94659	75.55341
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	66.25000	1.50000	0.75000	63.86317	68.63683
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	55.00000	10.51982	5.25991	38.26061	71.73939
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	59.00000	12.35584	6.17792	39.33911	78.66089
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	56.50000	7.41620	3.70810	44.69917	68.30083
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	83.00000	8.60233	4.30116	69.31178	96.68822
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	66.00000	7.74597	3.87298	53.67444	78.32556
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	80.25000	4.78714	2.39357	72.63260	87.86740
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	61.50000	9.46925	4.73462	46.43231	76.56769
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	71.75000	4.78714	2.39357	64.13260	79.36740
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	53.25000	5.56028	2.78014	44.40236	62.09764
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	68.00000	3.46410	1.73205	62.48784	73.51216
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	52.00000	9.62635	4.81318	36.68232	67.31768
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	69.00000	10.03328	5.01664	53.03482	84.96518
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	57.75000	10.96586	5.48293	40.30088	75.19912

Sample*Concentration_New(Obese (Y/N))	4	0	No	4	79.75000	3.77492	1.88746	73.74326	85.75674
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	61.75000	11.17661	5.58831	43.96552	79.53448
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	76.25000	5.05800	2.52900	68.20160	84.29840
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	62.00000	8.28654	4.14327	48.81427	75.18573
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	74.50000	11.12055	5.56028	56.80472	92.19528
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	59.00000	9.30949	4.65475	44.18652	73.81348
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	72.75000	6.65207	3.32603	62.16508	83.33492
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	61.25000	2.98608	1.49304	56.49848	66.00152
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	68.00000	12.08305	6.04152	48.77318	87.22682
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	50.25000	9.35860	4.67930	35.35838	65.14162
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	80.00000	4.69042	2.34521	72.53650	87.46350
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	62.75000	22.29163	11.14581	27.27905	98.22095
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	76.25000	8.46069	4.23035	62.78715	89.71285
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	62.25000	9.25113	4.62556	47.52939	76.97061
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	72.50000	12.26105	6.13052	52.98993	92.01007
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	60.25000	11.81454	5.90727	41.45043	79.04957
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	69.25000	7.80491	3.90246	56.83064	81.66936
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	56.75000	9.25113	4.62556	42.02939	71.47061
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	62.50000	14.34108	7.17054	39.68014	85.31986
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	51.75000	10.81280	5.40640	34.54442	68.95558
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	81.25000	5.37742	2.68871	72.69332	89.80668
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	73.50000	10.47219	5.23609	56.83642	90.16358
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	69.75000	7.41058	3.70529	57.95812	81.54188
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	60.25000	16.45955	8.22977	34.05919	86.44081
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	61.50000	5.91608	2.95804	52.08620	70.91380
Sample*Time Point(Obese (Y/N))	1	No	30	5	80.40000	7.70065	3.44384	70.83838	89.96162

<b>Sample*Time Point(Obese (Y/N))</b>	1	No	60	5	76.40000	7.56968	3.38526	67.00101	85.79899
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	120	5	72.60000	13.44619	6.01332	55.90435	89.29565
<b>Sample*Time Point(Obese (Y/N))</b>	1	No	180	5	62.00000	12.02082	5.37587	47.07419	76.92581
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	30	5	73.20000	4.60435	2.05913	67.48295	78.91705
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	60	5	56.00000	2.54951	1.14018	52.83437	59.16563
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	120	5	52.60000	7.63544	3.41467	43.11934	62.08066
<b>Sample*Time Point(Obese (Y/N))</b>	1	Yes	180	5	49.80000	10.42593	4.66262	36.85450	62.74550
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	30	5	78.40000	11.26055	5.03587	64.41818	92.38182
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	60	5	78.00000	9.59166	4.28952	66.09038	89.90962
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	120	5	66.20000	9.70567	4.34051	54.14882	78.25118
<b>Sample*Time Point(Obese (Y/N))</b>	2	No	180	5	67.20000	12.17374	5.44426	52.08430	82.31570
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	30	5	68.40000	4.39318	1.96469	62.94515	73.85485
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	60	5	61.80000	11.96662	5.35164	46.94148	76.65852
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	120	5	58.00000	5.04975	2.25832	51.72990	64.27010
<b>Sample*Time Point(Obese (Y/N))</b>	2	Yes	180	5	52.20000	8.52643	3.81314	41.61304	62.78696
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	30	5	80.20000	9.90959	4.43170	67.89562	92.50438
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	60	5	74.00000	8.74643	3.91152	63.13988	84.86012
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	120	5	72.20000	9.83362	4.39773	59.98995	84.41005
<b>Sample*Time Point(Obese (Y/N))</b>	3	No	180	5	71.20000	5.21536	2.33238	64.72427	77.67573
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	30	5	66.40000	8.38451	3.74967	55.98926	76.81074
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	60	5	56.20000	10.23230	4.57602	43.49492	68.90508
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	120	5	54.20000	2.38747	1.06771	51.23557	57.16443
<b>Sample*Time Point(Obese (Y/N))</b>	3	Yes	180	5	55.60000	11.48042	5.13420	41.34518	69.85482
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	30	5	77.80000	6.26099	2.80000	70.02595	85.57405
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	60	5	75.00000	3.53553	1.58114	70.61005	79.38995
<b>Sample*Time Point(Obese (Y/N))</b>	4	No	120	5	74.60000	7.76531	3.47275	64.95810	84.24190

Sample*Time Point(Obese (Y/N))	4	No	180	5	69.60000	13.61249	6.08769	52.69786	86.50214
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	67.60000	3.50714	1.56844	63.24532	71.95468
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	57.40000	7.63544	3.41467	47.91934	66.88066
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	53.60000	6.58027	2.94279	45.42951	61.77049
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	56.80000	11.34460	5.07346	42.71382	70.88618
Sample*Time Point(Obese (Y/N))	5	No	30	5	75.20000	13.36787	5.97829	58.60159	91.79841
Sample*Time Point(Obese (Y/N))	5	No	60	5	81.40000	6.02495	2.69444	73.91904	88.88096
Sample*Time Point(Obese (Y/N))	5	No	120	5	65.00000	8.24621	3.68782	54.76098	75.23902
Sample*Time Point(Obese (Y/N))	5	No	180	5	66.80000	7.85493	3.51283	57.04681	76.55319
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	67.60000	15.82087	7.07531	47.95579	87.24421
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	65.40000	9.71082	4.34281	53.34243	77.45757
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	52.20000	10.32957	4.61952	39.37415	65.02585
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	49.80000	4.32435	1.93391	44.43061	55.16939
Sample*Time Point(Obese (Y/N))	6	No	30	5	73.40000	13.84919	6.19355	56.20396	90.59604
Sample*Time Point(Obese (Y/N))	6	No	60	5	74.40000	7.02140	3.14006	65.68179	83.11821
Sample*Time Point(Obese (Y/N))	6	No	120	5	67.40000	13.39029	5.98832	50.77375	84.02625
Sample*Time Point(Obese (Y/N))	6	No	180	5	61.80000	11.36662	5.08331	47.68648	75.91352

### Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Non-Viab - Mean	Non-Viab - Std.Dev.	Non-Viab - Std.Err	Non-Viab - -95.00%	Non-Viab - +95.00%
Total				220	33.66818	12.63119	0.85159	31.98981	35.34655
Concentration_New	0			44	26.90909	13.02559	1.96368	22.94895	30.86923
Concentration_New	1			44	28.97727	10.46031	1.57695	25.79705	32.15750
Concentration_New	2			44	33.50000	12.06668	1.81912	29.83140	37.16860



<b>Concentration_New</b>	3			44	38.06818	10.82718	1.63226	34.77642	41.35995
<b>Concentration_New</b>	4			44	40.88636	11.32442	1.70722	37.44342	44.32930
<b>Obese (Y/N)</b>	No			120	27.28333	10.68430	0.97534	25.35206	29.21460
<b>Obese (Y/N)</b>	Yes			100	41.33000	10.34462	1.03446	39.27740	43.38260
<b>Time Point</b>	30			55	26.27273	10.25861	1.38327	23.49944	29.04602
<b>Time Point</b>	60			55	31.43636	11.89890	1.60445	28.21964	34.65309
<b>Time Point</b>	120			55	37.21818	12.07644	1.62839	33.95346	40.48290
<b>Time Point</b>	180			55	39.74545	11.96479	1.61333	36.51092	42.97999
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	18.50000	6.18554	1.26262	15.88808	21.11192
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	37.00000	11.88099	2.65667	31.43953	42.56047
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	22.58333	7.35389	1.50111	19.47806	25.68861
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	36.65000	8.27981	1.85142	32.77493	40.52507
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	25.91667	8.53085	1.74135	22.31441	29.51893
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	42.60000	9.03444	2.02016	38.37175	46.82825
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	32.79167	9.36682	1.91199	28.83641	36.74693
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	44.40000	9.04026	2.02146	40.16903	48.63097
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	36.62500	10.46656	2.13648	32.20536	41.04464
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	46.00000	10.35171	2.31471	41.15525	50.84475
<b>Concentration_New*Time Point</b>	0	30		11	19.63636	8.62870	2.60165	13.83952	25.43321
<b>Concentration_New*Time Point</b>	0	60		11	23.18182	8.44770	2.54708	17.50658	28.85706
<b>Concentration_New*Time Point</b>	0	120		11	32.63636	16.04539	4.83787	21.85692	43.41580
<b>Concentration_New*Time Point</b>	0	180		11	32.18182	13.64418	4.11387	23.01553	41.34810
<b>Concentration_New*Time Point</b>	1	30		11	21.72727	6.52826	1.96834	17.34153	26.11302
<b>Concentration_New*Time Point</b>	1	60		11	28.27273	13.20675	3.98198	19.40031	37.14514
<b>Concentration_New*Time Point</b>	1	120		11	31.72727	9.71690	2.92976	25.19937	38.25518
<b>Concentration_New*Time Point</b>	1	180		11	34.18182	7.90972	2.38487	28.86800	39.49564

<b>Concentration_New*Time Point</b>	2	30		11	23.72727	10.64980	3.21103	16.57264	30.88190
<b>Concentration_New*Time Point</b>	2	60		11	34.90909	10.05440	3.03151	28.15445	41.66373
<b>Concentration_New*Time Point</b>	2	120		11	36.45455	11.52704	3.47553	28.71057	44.19852
<b>Concentration_New*Time Point</b>	2	180		11	38.90909	11.38819	3.43367	31.25840	46.55978
<b>Concentration_New*Time Point</b>	3	30		11	35.27273	8.91169	2.68698	29.28577	41.25968
<b>Concentration_New*Time Point</b>	3	60		11	33.00000	11.84905	3.57262	25.03970	40.96030
<b>Concentration_New*Time Point</b>	3	120		11	39.18182	8.93105	2.69281	33.18186	45.18178
<b>Concentration_New*Time Point</b>	3	180		11	44.81818	10.77792	3.24967	37.57747	52.05889
<b>Concentration_New*Time Point</b>	4	30		11	31.00000	8.14862	2.45690	25.52568	36.47432
<b>Concentration_New*Time Point</b>	4	60		11	37.81818	11.42644	3.44520	30.14179	45.49457
<b>Concentration_New*Time Point</b>	4	120		11	46.09091	8.67703	2.61622	40.26160	51.92022
<b>Concentration_New*Time Point</b>	4	180		11	48.63636	8.09040	2.43935	43.20116	54.07157
<b>Obese (Y/N)*Time Point</b>	No	30		30	22.10000	10.02531	1.83036	18.35649	25.84351
<b>Obese (Y/N)*Time Point</b>	No	60		30	23.46667	7.17146	1.30932	20.78880	26.14454
<b>Obese (Y/N)*Time Point</b>	No	120		30	30.00000	10.78313	1.96872	25.97351	34.02649
<b>Obese (Y/N)*Time Point</b>	No	180		30	33.56667	10.43430	1.90503	29.67043	37.46290
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	31.28000	8.21340	1.64268	27.88967	34.67033
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	41.00000	9.04157	1.80831	37.26782	44.73218
<b>Obese (Y/N)*Time Point</b>	Yes	120		25	45.88000	6.66033	1.33207	43.13075	48.62925
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	47.16000	9.24968	1.84994	43.34192	50.97808
<b>Sample(Obese (Y/N))</b>	1	No		20	27.15000	11.93083	2.66781	21.56620	32.73380
<b>Sample(Obese (Y/N))</b>	1	Yes		20	42.10000	11.32254	2.53180	36.80089	47.39911
<b>Sample(Obese (Y/N))</b>	2	No		20	27.55000	11.49130	2.56953	22.17191	32.92809
<b>Sample(Obese (Y/N))</b>	2	Yes		20	39.90000	9.55813	2.13726	35.42666	44.37334
<b>Sample(Obese (Y/N))</b>	3	No		20	26.10000	9.51951	2.12863	21.64473	30.55527
<b>Sample(Obese (Y/N))</b>	3	Yes		20	41.85000	9.44388	2.11172	37.43013	46.26987

Sample(Obese (Y/N))	4	No		20	25.75000	8.47209	1.89442	21.78494	29.71506
Sample(Obese (Y/N))	4	Yes		20	41.05000	9.02322	2.01765	36.82701	45.27299
Sample(Obese (Y/N))	5	No		20	27.40000	10.27209	2.29691	22.59251	32.20749
Sample(Obese (Y/N))	5	Yes		20	41.75000	12.80984	2.86437	35.75481	47.74519
Sample(Obese (Y/N))	6	No		20	29.75000	12.73567	2.84778	23.78952	35.71048
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	15.00000	4.69042	2.34521	7.53650	22.46350
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	39.00000	8.40635	4.20317	25.62363	52.37637
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	23.75000	7.88987	3.94493	11.19546	36.30454
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	36.25000	11.32475	5.66238	18.22979	54.27021
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	24.00000	8.75595	4.37798	10.06733	37.93267
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	44.00000	10.42433	5.21217	27.41256	60.58744
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	33.25000	12.99679	6.49840	12.56920	53.93080
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	47.00000	12.19289	6.09645	27.59838	66.40162
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	39.75000	9.21502	4.60751	25.08684	54.41316
Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	44.25000	15.94522	7.97261	18.87760	69.62240
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	20.00000	10.13246	5.06623	3.87700	36.12300
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	36.50000	11.03026	5.51513	18.94839	54.05161
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	18.00000	7.61577	3.80789	5.88161	30.11839
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	32.75000	5.73730	2.86865	23.62067	41.87933
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	25.00000	4.69042	2.34521	17.53650	32.46350
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	41.75000	10.87428	5.43714	24.44659	59.05341
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	33.75000	1.50000	0.75000	31.36317	36.13683
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	45.00000	10.51982	5.25991	28.26061	61.73939
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	41.00000	12.35584	6.17792	21.33911	60.66089
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	43.50000	7.41620	3.70810	31.69917	55.30083
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	17.00000	8.60233	4.30116	3.31178	30.68822

Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	34.00000	7.74597	3.87298	21.67444	46.32556
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	19.75000	4.78714	2.39357	12.13260	27.36740
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	38.50000	9.46925	4.73462	23.43231	53.56769
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	28.25000	4.78714	2.39357	20.63260	35.86740
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	46.50000	5.06623	2.53311	38.43850	54.56150
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	32.00000	3.46410	1.73205	26.48784	37.51216
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	48.00000	9.62635	4.81318	32.68232	63.31768
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	33.50000	12.34234	6.17117	13.86058	53.13942
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	42.25000	10.96586	5.48293	24.80088	59.69912
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	20.25000	3.77492	1.88746	14.24326	26.25674
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	38.25000	11.17661	5.58831	20.46552	56.03448
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	23.75000	5.05800	2.52900	15.70160	31.79840
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	38.00000	8.28654	4.14327	24.81427	51.18573
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	25.50000	11.12055	5.56028	7.80472	43.19528
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	41.00000	9.30949	4.65475	26.18652	55.81348
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	27.25000	6.65207	3.32603	16.66508	37.83492
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	38.75000	2.98608	1.49304	33.99848	43.50152
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	32.00000	12.08305	6.04152	12.77318	51.22682
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	49.25000	10.34005	5.17003	32.79667	65.70333
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	20.00000	4.69042	2.34521	12.53650	27.46350
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	37.25000	22.29163	11.14581	1.77905	72.72095
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	23.75000	8.46069	4.23035	10.28715	37.21285
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	37.75000	9.25113	4.62556	23.02939	52.47061
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	27.50000	12.26105	6.13052	7.98993	47.01007
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	39.75000	11.81454	5.90727	20.95043	58.54957
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	30.75000	7.80491	3.90246	18.33064	43.16936

Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	43.25000	9.25113	4.62556	28.52939	57.97061
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	35.00000	13.44123	6.72062	13.61200	56.38800
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	50.75000	8.18026	4.09013	37.73338	63.76662
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	18.75000	5.37742	2.68871	10.19332	27.30668
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	26.50000	10.47219	5.23609	9.83642	43.16358
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	25.25000	12.03813	6.01907	6.09464	44.40536
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	39.75000	16.45955	8.22977	13.55919	65.94081
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	38.50000	5.91608	2.95804	29.08620	47.91380
Sample*Time Point(Obese (Y/N))	1	No	30	5	19.60000	7.70065	3.44384	10.03838	29.16162
Sample*Time Point(Obese (Y/N))	1	No	60	5	23.60000	7.56968	3.38526	14.20101	32.99899
Sample*Time Point(Obese (Y/N))	1	No	120	5	27.40000	13.44619	6.01332	10.70435	44.09565
Sample*Time Point(Obese (Y/N))	1	No	180	5	38.00000	12.02082	5.37587	23.07419	52.92581
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	26.80000	4.60435	2.05913	21.08295	32.51705
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	44.00000	2.54951	1.14018	40.83437	47.16563
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	47.40000	7.63544	3.41467	37.91934	56.88066
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	50.20000	10.42593	4.66262	37.25450	63.14550
Sample*Time Point(Obese (Y/N))	2	No	30	5	21.60000	11.26055	5.03587	7.61818	35.58182
Sample*Time Point(Obese (Y/N))	2	No	60	5	22.00000	9.59166	4.28952	10.09038	33.90962
Sample*Time Point(Obese (Y/N))	2	No	120	5	33.80000	9.70567	4.34051	21.74882	45.85118
Sample*Time Point(Obese (Y/N))	2	No	180	5	32.80000	12.17374	5.44426	17.68430	47.91570
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	31.60000	4.39318	1.96469	26.14515	37.05485
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	38.20000	11.96662	5.35164	23.34148	53.05852
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	42.00000	5.04975	2.25832	35.72990	48.27010
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	47.80000	8.52643	3.81314	37.21304	58.38696
Sample*Time Point(Obese (Y/N))	3	No	30	5	19.80000	9.90959	4.43170	7.49562	32.10438
Sample*Time Point(Obese (Y/N))	3	No	60	5	26.00000	8.74643	3.91152	15.13988	36.86012

Sample*Time Point(Obese (Y/N))	3	No	120	5	27.80000	9.83362	4.39773	15.58995	40.01005
Sample*Time Point(Obese (Y/N))	3	No	180	5	30.80000	8.84308	3.95474	19.81987	41.78013
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	33.60000	8.38451	3.74967	23.18926	44.01074
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	43.60000	9.96494	4.45646	31.22689	55.97311
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	45.80000	2.38747	1.06771	42.83557	48.76443
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	44.40000	11.48042	5.13420	30.14518	58.65482
Sample*Time Point(Obese (Y/N))	4	No	30	5	22.20000	6.26099	2.80000	14.42595	29.97405
Sample*Time Point(Obese (Y/N))	4	No	60	5	25.00000	3.53553	1.58114	20.61005	29.38995
Sample*Time Point(Obese (Y/N))	4	No	120	5	25.40000	7.76531	3.47275	15.75810	35.04190
Sample*Time Point(Obese (Y/N))	4	No	180	5	30.40000	13.61249	6.08769	13.49786	47.30214
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	32.00000	3.08221	1.37840	28.17293	35.82707
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	42.60000	7.63544	3.41467	33.11934	52.08066
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	46.40000	6.58027	2.94279	38.22951	54.57049
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	43.20000	11.34460	5.07346	29.11382	57.28618
Sample*Time Point(Obese (Y/N))	5	No	30	5	24.80000	13.36787	5.97829	8.20159	41.39841
Sample*Time Point(Obese (Y/N))	5	No	60	5	18.60000	6.02495	2.69444	11.11904	26.08096
Sample*Time Point(Obese (Y/N))	5	No	120	5	35.00000	8.24621	3.68782	24.76098	45.23902
Sample*Time Point(Obese (Y/N))	5	No	180	5	31.20000	4.76445	2.13073	25.28415	37.11585
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	32.40000	15.82087	7.07531	12.75579	52.04421
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	36.60000	11.23833	5.02593	22.64577	50.55423
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	47.80000	10.32957	4.61952	34.97415	60.62585
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	50.20000	4.32435	1.93391	44.83061	55.56939
Sample*Time Point(Obese (Y/N))	6	No	30	5	24.60000	13.95708	6.24179	7.27000	41.93000
Sample*Time Point(Obese (Y/N))	6	No	60	5	25.60000	7.02140	3.14006	16.88179	34.31821
Sample*Time Point(Obese (Y/N))	6	No	120	5	30.60000	15.88395	7.10352	10.87747	50.32253
Sample*Time Point(Obese (Y/N))	6	No	180	5	38.20000	11.36662	5.08331	24.08648	52.31352

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)

Descriptive Statistics (Rat Results- Final in Analysis - 17Jul2012.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	% Viab - Mean	% Viab - Std.Dev.	% Viab - Std.Err	% Viab - -95.00%	% Viab - +95.00%
Total				220	66.27273	12.51732	0.84392	64.60949	67.93597
Concentration_New	0			44	73.09091	13.02559	1.96368	69.13077	77.05105
Concentration_New	1			44	71.02273	10.46031	1.57695	67.84250	74.20295
Concentration_New	2			44	66.02273	11.60691	1.74981	62.49390	69.55155
Concentration_New	3			44	61.93182	10.82718	1.63226	58.64005	65.22358
Concentration_New	4			44	59.29545	11.27578	1.69989	55.86730	62.72361
Obese (Y/N)	No			120	72.55000	10.58368	0.96615	70.63692	74.46308
Obese (Y/N)	Yes			100	58.74000	10.33834	1.03383	56.68865	60.79135
Time Point	30			55	73.50909	10.26478	1.38410	70.73413	76.28405
Time Point	60			55	68.72727	11.76853	1.58687	65.54579	71.90875
Time Point	120			55	62.60000	11.76089	1.58584	59.42059	65.77941
Time Point	180			55	60.25455	11.96479	1.61333	57.02001	63.48908
Concentration_New*Obese (Y/N)	0	No		24	81.50000	6.18554	1.26262	78.88808	84.11192
Concentration_New*Obese (Y/N)	0	Yes		20	63.00000	11.88099	2.65667	57.43953	68.56047
Concentration_New*Obese (Y/N)	1	No		24	77.41667	7.35389	1.50111	74.31139	80.52194
Concentration_New*Obese (Y/N)	1	Yes		20	63.35000	8.27981	1.85142	59.47493	67.22507
Concentration_New*Obese (Y/N)	2	No		24	73.25000	7.96869	1.62660	69.88512	76.61488
Concentration_New*Obese (Y/N)	2	Yes		20	57.35000	9.10335	2.03557	53.08950	61.61050
Concentration_New*Obese (Y/N)	3	No		24	67.20833	9.36682	1.91199	63.25307	71.16359
Concentration_New*Obese (Y/N)	3	Yes		20	55.60000	9.04026	2.02146	51.36903	59.83097
Concentration_New*Obese (Y/N)	4	No		24	63.37500	10.46656	2.13648	58.95536	67.79464
Concentration_New*Obese (Y/N)	4	Yes		20	54.40000	10.43476	2.33328	49.51638	59.28362

<b>Concentration_New*Time Point</b>	0	30		11	80.36364	8.62870	2.60165	74.56679	86.16048
<b>Concentration_New*Time Point</b>	0	60		11	76.81818	8.44770	2.54708	71.14294	82.49342
<b>Concentration_New*Time Point</b>	0	120		11	67.36364	16.04539	4.83787	56.58420	78.14308
<b>Concentration_New*Time Point</b>	0	180		11	67.81818	13.64418	4.11387	58.65190	76.98447
<b>Concentration_New*Time Point</b>	1	30		11	78.27273	6.52826	1.96834	73.88698	82.65847
<b>Concentration_New*Time Point</b>	1	60		11	71.72727	13.20675	3.98198	62.85486	80.59969
<b>Concentration_New*Time Point</b>	1	120		11	68.27273	9.71690	2.92976	61.74482	74.80063
<b>Concentration_New*Time Point</b>	1	180		11	65.81818	7.90972	2.38487	60.50436	71.13200
<b>Concentration_New*Time Point</b>	2	30		11	75.36364	10.72635	3.23412	68.15758	82.56970
<b>Concentration_New*Time Point</b>	2	60		11	65.00000	10.24695	3.08957	58.11600	71.88400
<b>Concentration_New*Time Point</b>	2	120		11	62.63636	9.64648	2.90852	56.15577	69.11696
<b>Concentration_New*Time Point</b>	2	180		11	61.09091	11.38819	3.43367	53.44022	68.74160
<b>Concentration_New*Time Point</b>	3	30		11	64.72727	8.91169	2.68698	58.74032	70.71423
<b>Concentration_New*Time Point</b>	3	60		11	67.00000	11.84905	3.57262	59.03970	74.96030
<b>Concentration_New*Time Point</b>	3	120		11	60.81818	8.93105	2.69281	54.81822	66.81814
<b>Concentration_New*Time Point</b>	3	180		11	55.18182	10.77792	3.24967	47.94111	62.42253
<b>Concentration_New*Time Point</b>	4	30		11	68.81818	8.24401	2.48566	63.27978	74.35658
<b>Concentration_New*Time Point</b>	4	60		11	63.09091	11.01322	3.32061	55.69213	70.48969
<b>Concentration_New*Time Point</b>	4	120		11	53.90909	8.67703	2.61622	48.07978	59.73840
<b>Concentration_New*Time Point</b>	4	180		11	51.36364	8.09040	2.43935	45.92843	56.79884
<b>Obese (Y/N)*Time Point</b>	No	30		30	77.56667	10.11889	1.84745	73.78821	81.34512
<b>Obese (Y/N)*Time Point</b>	No	60		30	76.53333	7.17146	1.30932	73.85546	79.21120
<b>Obese (Y/N)*Time Point</b>	No	120		30	69.66667	10.35352	1.89029	65.80060	73.53274
<b>Obese (Y/N)*Time Point</b>	No	180		30	66.43333	10.43430	1.90503	62.53710	70.32957
<b>Obese (Y/N)*Time Point</b>	Yes	30		25	68.64000	8.25066	1.65013	65.23430	72.04570
<b>Obese (Y/N)*Time Point</b>	Yes	60		25	59.36000	9.05023	1.81005	55.62425	63.09575



<b>Obese (Y/N)*Time Point</b>	Yes	120		25	54.12000	6.66033	1.33207	51.37075	56.86925
<b>Obese (Y/N)*Time Point</b>	Yes	180		25	52.84000	9.24968	1.84994	49.02192	56.65808
<b>Sample(Obese (Y/N))</b>	1	No		20	72.85000	11.93083	2.66781	67.26620	78.43380
<b>Sample(Obese (Y/N))</b>	1	Yes		20	57.90000	11.32254	2.53180	52.60089	63.19911
<b>Sample(Obese (Y/N))</b>	2	No		20	72.45000	11.49130	2.56953	67.07191	77.82809
<b>Sample(Obese (Y/N))</b>	2	Yes		20	60.10000	9.55813	2.13726	55.62666	64.57334
<b>Sample(Obese (Y/N))</b>	3	No		20	74.40000	8.70209	1.94585	70.32730	78.47270
<b>Sample(Obese (Y/N))</b>	3	Yes		20	58.10000	9.51398	2.12739	53.64732	62.55268
<b>Sample(Obese (Y/N))</b>	4	No		20	74.25000	8.47209	1.89442	70.28494	78.21506
<b>Sample(Obese (Y/N))</b>	4	Yes		20	58.85000	8.95177	2.00168	54.66044	63.03956
<b>Sample(Obese (Y/N))</b>	5	No		20	72.10000	10.88650	2.43429	67.00496	77.19504
<b>Sample(Obese (Y/N))</b>	5	Yes		20	58.75000	12.78928	2.85977	52.76443	64.73557
<b>Sample(Obese (Y/N))</b>	6	No		20	69.25000	11.94670	2.67136	63.65877	74.84123
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	No	4	85.00000	4.69042	2.34521	77.53650	92.46350
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	0	Yes	4	61.00000	8.40635	4.20317	47.62363	74.37637
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	No	4	76.25000	7.88987	3.94493	63.69546	88.80454
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	1	Yes	4	63.75000	11.32475	5.66238	45.72979	81.77021
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	No	4	76.00000	8.75595	4.37798	62.06733	89.93267
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	2	Yes	4	56.00000	10.42433	5.21217	39.41256	72.58744
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	No	4	66.75000	12.99679	6.49840	46.06920	87.43080
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	3	Yes	4	53.00000	12.19289	6.09645	33.59838	72.40162
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	No	4	60.25000	9.21502	4.60751	45.58684	74.91316
<b>Sample*Concentration_New(Obese (Y/N))</b>	1	4	Yes	4	55.75000	15.94522	7.97261	30.37760	81.12240
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	No	4	80.00000	10.13246	5.06623	63.87700	96.12300
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	0	Yes	4	63.50000	11.03026	5.51513	45.94839	81.05161
<b>Sample*Concentration_New(Obese (Y/N))</b>	2	1	No	4	82.00000	7.61577	3.80789	69.88161	94.11839

Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	67.25000	5.73730	2.86865	58.12067	76.37933
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	75.00000	4.69042	2.34521	67.53650	82.46350
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	58.25000	10.87428	5.43714	40.94659	75.55341
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	66.25000	1.50000	0.75000	63.86317	68.63683
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	55.00000	10.51982	5.25991	38.26061	71.73939
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	59.00000	12.35584	6.17792	39.33911	78.66089
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	56.50000	7.41620	3.70810	44.69917	68.30083
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	83.00000	8.60233	4.30116	69.31178	96.68822
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	66.00000	7.74597	3.87298	53.67444	78.32556
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	80.25000	4.78714	2.39357	72.63260	87.86740
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	61.50000	9.46925	4.73462	46.43231	76.56769
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	71.75000	4.78714	2.39357	64.13260	79.36740
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	53.25000	5.56028	2.78014	44.40236	62.09764
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	68.00000	3.46410	1.73205	62.48784	73.51216
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	52.00000	9.62635	4.81318	36.68232	67.31768
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	69.00000	10.03328	5.01664	53.03482	84.96518
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	57.75000	10.96586	5.48293	40.30088	75.19912
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	79.75000	3.77492	1.88746	73.74326	85.75674
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	61.75000	11.17661	5.58831	43.96552	79.53448
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	76.25000	5.05800	2.52900	68.20160	84.29840
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	62.00000	8.28654	4.14327	48.81427	75.18573
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	74.50000	11.12055	5.56028	56.80472	92.19528
Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	59.00000	9.30949	4.65475	44.18652	73.81348
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	72.75000	6.65207	3.32603	62.16508	83.33492
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	61.25000	2.98608	1.49304	56.49848	66.00152
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	68.00000	12.08305	6.04152	48.77318	87.22682

Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	50.25000	9.35860	4.67930	35.35838	65.14162
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	80.00000	4.69042	2.34521	72.53650	87.46350
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	62.75000	22.29163	11.14581	27.27905	98.22095
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	76.25000	8.46069	4.23035	62.78715	89.71285
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	62.25000	9.25113	4.62556	47.52939	76.97061
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	72.50000	12.26105	6.13052	52.98993	92.01007
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	60.25000	11.81454	5.90727	41.45043	79.04957
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	69.25000	7.80491	3.90246	56.83064	81.66936
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	56.75000	9.25113	4.62556	42.02939	71.47061
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	62.50000	14.34108	7.17054	39.68014	85.31986
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	51.75000	10.81280	5.40640	34.54442	68.95558
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	81.25000	5.37742	2.68871	72.69332	89.80668
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	73.50000	10.47219	5.23609	56.83642	90.16358
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	69.75000	7.41058	3.70529	57.95812	81.54188
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	60.25000	16.45955	8.22977	34.05919	86.44081
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	61.50000	5.91608	2.95804	52.08620	70.91380
Sample*Time Point(Obese (Y/N))	1	No	30	5	80.40000	7.70065	3.44384	70.83838	89.96162
Sample*Time Point(Obese (Y/N))	1	No	60	5	76.40000	7.56968	3.38526	67.00101	85.79899
Sample*Time Point(Obese (Y/N))	1	No	120	5	72.60000	13.44619	6.01332	55.90435	89.29565
Sample*Time Point(Obese (Y/N))	1	No	180	5	62.00000	12.02082	5.37587	47.07419	76.92581
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	73.20000	4.60435	2.05913	67.48295	78.91705
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	56.00000	2.54951	1.14018	52.83437	59.16563
Sample*Time Point(Obese (Y/N))	1	Yes	120	5	52.60000	7.63544	3.41467	43.11934	62.08066
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	49.80000	10.42593	4.66262	36.85450	62.74550
Sample*Time Point(Obese (Y/N))	2	No	30	5	78.40000	11.26055	5.03587	64.41818	92.38182
Sample*Time Point(Obese (Y/N))	2	No	60	5	78.00000	9.59166	4.28952	66.09038	89.90962

Sample*Time Point(Obese (Y/N))	2	No	120	5	66.20000	9.70567	4.34051	54.14882	78.25118
Sample*Time Point(Obese (Y/N))	2	No	180	5	67.20000	12.17374	5.44426	52.08430	82.31570
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	68.40000	4.39318	1.96469	62.94515	73.85485
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	61.80000	11.96662	5.35164	46.94148	76.65852
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	58.00000	5.04975	2.25832	51.72990	64.27010
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	52.20000	8.52643	3.81314	41.61304	62.78696
Sample*Time Point(Obese (Y/N))	3	No	30	5	80.20000	9.90959	4.43170	67.89562	92.50438
Sample*Time Point(Obese (Y/N))	3	No	60	5	74.00000	8.74643	3.91152	63.13988	84.86012
Sample*Time Point(Obese (Y/N))	3	No	120	5	72.20000	9.83362	4.39773	59.98995	84.41005
Sample*Time Point(Obese (Y/N))	3	No	180	5	71.20000	5.21536	2.33238	64.72427	77.67573
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	66.40000	8.38451	3.74967	55.98926	76.81074
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	56.20000	10.23230	4.57602	43.49492	68.90508
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	54.20000	2.38747	1.06771	51.23557	57.16443
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	55.60000	11.48042	5.13420	41.34518	69.85482
Sample*Time Point(Obese (Y/N))	4	No	30	5	77.80000	6.26099	2.80000	70.02595	85.57405
Sample*Time Point(Obese (Y/N))	4	No	60	5	75.00000	3.53553	1.58114	70.61005	79.38995
Sample*Time Point(Obese (Y/N))	4	No	120	5	74.60000	7.76531	3.47275	64.95810	84.24190
Sample*Time Point(Obese (Y/N))	4	No	180	5	69.60000	13.61249	6.08769	52.69786	86.50214
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	67.60000	3.50714	1.56844	63.24532	71.95468
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	57.40000	7.63544	3.41467	47.91934	66.88066
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	53.60000	6.58027	2.94279	45.42951	61.77049
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	56.80000	11.34460	5.07346	42.71382	70.88618
Sample*Time Point(Obese (Y/N))	5	No	30	5	75.20000	13.36787	5.97829	58.60159	91.79841
Sample*Time Point(Obese (Y/N))	5	No	60	5	81.40000	6.02495	2.69444	73.91904	88.88096
Sample*Time Point(Obese (Y/N))	5	No	120	5	65.00000	8.24621	3.68782	54.76098	75.23902
Sample*Time Point(Obese (Y/N))	5	No	180	5	66.80000	7.85493	3.51283	57.04681	76.55319

Sample*Time Point(Obese (Y/N))	5	Yes	30	5	67.60000	15.82087	7.07531	47.95579	87.24421
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	65.40000	9.71082	4.34281	53.34243	77.45757
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	52.20000	10.32957	4.61952	39.37415	65.02585
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	49.80000	4.32435	1.93391	44.43061	55.16939
Sample*Time Point(Obese (Y/N))	6	No	30	5	73.40000	13.84919	6.19355	56.20396	90.59604
Sample*Time Point(Obese (Y/N))	6	No	60	5	74.40000	7.02140	3.14006	65.68179	83.11821
Sample*Time Point(Obese (Y/N))	6	No	120	5	67.40000	13.39029	5.98832	50.77375	84.02625
Sample*Time Point(Obese (Y/N))	6	No	180	5	61.80000	11.36662	5.08331	47.68648	75.91352

#### Fixed Effect Test for static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.317444	0.282082
Obese (Y/N)	1	9	0.001772	0.967338
Time Point	3	27	1.687428	0.193228
Concentration_New*Obese (Y/N)	4	36	0.502572	0.734007
Concentration_New*Time Point	12	120	0.566120	0.865466
Obese (Y/N)*Time Point	3	27	1.813616	0.168481

#### Fixed Effect Test for NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

	Num. DF	Den. DF	F	p

Effect				
Concentration_New	4	36	1.169652	0.340431
Obese (Y/N)	1	9	0.521375	0.488591
Time Point	3	27	0.291526	0.831127
Concentration_New*Obese (Y/N)	4	36	0.440320	0.778609
Concentration_New*Time Point	12	120	0.541485	0.883595
Obese (Y/N)*Time Point	3	27	0.978430	0.417476

#### Fixed Effect Test for P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	4.301596	0.006025
Obese (Y/N)	1	9	5.479504	0.043960
Time Point	3	27	3.466552	0.029918
Concentration_New*Obese (Y/N)	4	36	1.123490	0.360741
Concentration_New*Time Point	12	120	1.302499	0.225809
Obese (Y/N)*Time Point	3	27	1.779459	0.174841

#### Fixed Effect Test for Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
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<b>Concentration_New</b>	4	36	2.283492	0.079279
<b>Obese (Y/N)</b>	1	9	1.788825	0.213884
<b>Time Point</b>	3	27	2.019349	0.134888
<b>Concentration_New*Obese (Y/N)</b>	4	36	3.140555	0.025858
<b>Concentration_New*Time Point</b>	12	120	1.394511	0.177657
<b>Obese (Y/N)*Time Point</b>	3	27	0.656119	0.586142

### Fixed Effect Test for Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	2.605585	0.051867
<b>Obese (Y/N)</b>	1	9	1.694870	0.225293
<b>Time Point</b>	3	27	3.749096	0.022611
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.543752	0.704631
<b>Concentration_New*Time Point</b>	12	120	0.956762	0.493834
<b>Obese (Y/N)*Time Point</b>	3	27	3.624602	0.025565

### Fixed Effect Test for Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	3.026663	0.029955

<b>Obese (Y/N)</b>	1	9	8.422186	0.017535
<b>Time Point</b>	3	27	3.093407	0.043623
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.905358	0.130726
<b>Concentration_New*Time Point</b>	12	120	1.118021	0.351971
<b>Obese (Y/N)*Time Point</b>	3	27	0.277531	0.841095

#### Fixed Effect Test for Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	1.589393	0.198191
<b>Obese (Y/N)</b>	1	9	0.000047	0.994682
<b>Time Point</b>	3	27	1.842074	0.163364
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.659678	0.624018
<b>Concentration_New*Time Point</b>	12	120	0.606698	0.833050
<b>Obese (Y/N)*Time Point</b>	3	27	1.593876	0.213940

#### Fixed Effect Test for Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	4.880876	0.003006
<b>Obese (Y/N)</b>	1	9	3.345725	0.100634



<b>Time Point</b>	3	27	1.159281	0.343426
<b>Concentration_New*Obese (Y/N)</b>	4	36	2.589936	0.052944
<b>Concentration_New*Time Point</b>	12	120	0.636087	0.807814
<b>Obese (Y/N)*Time Point</b>	3	27	0.721750	0.547767

#### Fixed Effect Test for Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	2.364587	0.071228
<b>Obese (Y/N)</b>	1	9	2.239675	0.168729
<b>Time Point</b>	3	27	3.362555	0.033207
<b>Concentration_New*Obese (Y/N)</b>	4	36	2.250964	0.082761
<b>Concentration_New*Time Point</b>	12	120	1.554202	0.114404
<b>Obese (Y/N)*Time Point</b>	3	27	0.998717	0.408478

#### Fixed Effect Test for Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	2.336029	0.073964
<b>Obese (Y/N)</b>	1	9	2.548138	0.144889
<b>Time Point</b>	3	27	0.576379	0.635505

<b>Concentration_New*Obese (Y/N)</b>	4	36	2.011044	0.113673
<b>Concentration_New*Time Point</b>	12	120	0.858079	0.591072
<b>Obese (Y/N)*Time Point</b>	3	27	0.551003	0.651819

#### Fixed Effect Test for Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	1.317444	0.282082
<b>Obese (Y/N)</b>	1	9	0.001772	0.967338
<b>Time Point</b>	3	27	1.687428	0.193228
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.502572	0.734007
<b>Concentration_New*Time Point</b>	12	120	0.566120	0.865466
<b>Obese (Y/N)*Time Point</b>	3	27	1.813616	0.168481

#### Fixed Effect Test for Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	0.373004	0.826314
<b>Obese (Y/N)</b>	1	9	4.784456	0.056495
<b>Time Point</b>	3	27	0.603165	0.618596
<b>Concentration_New*Obese (Y/N)</b>	4	36	0.665549	0.620051

<b>Concentration_New*Time Point</b>	12	120	0.564794	0.866473
<b>Obese (Y/N)*Time Point</b>	3	27	0.694431	0.563489

#### Fixed Effect Test for Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	0.280335	0.888775
<b>Obese (Y/N)</b>	1	9	0.685442	0.429126
<b>Time Point</b>	3	27	1.114041	0.360683
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.362357	0.266249
<b>Concentration_New*Time Point</b>	12	120	1.502617	0.132280
<b>Obese (Y/N)*Time Point</b>	3	27	3.215335	0.038531

#### Fixed Effect Test for Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration_New</b>	4	36	1.966146	0.120629
<b>Obese (Y/N)</b>	1	9	0.366089	0.560088
<b>Time Point</b>	3	27	2.339458	0.095758
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.423391	0.246055
<b>Concentration_New*Time Point</b>	12	120	1.138806	0.335730

<b>Obese (Y/N)*Time Point</b>	3	27	1.704182	0.189739
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### Fixed Effect Test for Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	3.810096	0.011052
<b>Obese (Y/N)</b>	1	9	0.615920	0.452729
<b>Time Point</b>	3	27	6.854671	0.001400
<b>Concentration_New*Obese (Y/N)</b>	4	36	1.015644	0.412297
<b>Concentration_New*Time Point</b>	12	120	1.105318	0.362145
<b>Obese (Y/N)*Time Point</b>	3	27	0.138137	0.936342

### Fixed Effect Test for VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration_New</b>	4	36	2.930378	0.033938
<b>Obese (Y/N)</b>	1	9	1.596084	0.238203
<b>Time Point</b>	3	27	3.885009	0.019794
<b>Concentration_New*Obese (Y/N)</b>	4	36	3.250901	0.022439
<b>Concentration_New*Time Point</b>	12	120	1.716051	0.071384
<b>Obese (Y/N)*Time Point</b>	3	27	0.878412	0.464557

**Fixed Effect Test for VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	0.404163	0.804368
Obese (Y/N)	1	9	6.714683	0.029153
Time Point	3	27	1.915294	0.150918
Concentration_New*Obese (Y/N)	4	36	0.338162	0.850405
Concentration_New*Time Point	12	120	1.097458	0.368533
Obese (Y/N)*Time Point	3	27	1.253735	0.309931

**Fixed Effect Test for VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	6.295193	0.000601
Obese (Y/N)	1	9	3.799424	0.083072
Time Point	3	27	5.876678	0.003181
Concentration_New*Obese (Y/N)	4	36	2.894090	0.035577
Concentration_New*Time Point	12	120	1.315008	0.218709
Obese (Y/N)*Time Point	3	27	1.441914	0.252478

**Fixed Effect Test for LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	17.57410	0.000000
Obese (Y/N)	1	9	6.22526	0.034138
Time Point	3	27	5.09666	0.006340
Concentration_New*Obese (Y/N)	4	36	2.61398	0.051299
Concentration_New*Time Point	12	120	1.23823	0.265158
Obese (Y/N)*Time Point	3	27	2.15212	0.116954

**Fixed Effect Test for STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	6.314548	0.000589
Obese (Y/N)	1	9	5.252892	0.047625
Time Point	3	27	3.616008	0.025784
Concentration_New*Obese (Y/N)	4	36	0.978390	0.431478
Concentration_New*Time Point	12	120	0.474421	0.926257
Obese (Y/N)*Time Point	3	27	1.184056	0.334316

**Fixed Effect Test for WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.912480	0.129501
Obese (Y/N)	1	9	0.743708	0.410865
Time Point	3	27	3.176427	0.040084
Concentration_New*Obese (Y/N)	4	36	1.529807	0.214249
Concentration_New*Time Point	12	120	1.253581	0.255318
Obese (Y/N)*Time Point	3	27	0.833952	0.486978

**Fixed Effect Test for ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	7.530627	0.000163
Obese (Y/N)	1	9	2.515798	0.147172
Time Point	3	27	1.967847	0.142590
Concentration_New*Obese (Y/N)	4	36	1.207540	0.324521
Concentration_New*Time Point	12	120	0.866202	0.582901
Obese (Y/N)*Time Point	3	27	1.897321	0.153880

**Fixed Effect Test for BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	0.503465	0.733368
Obese (Y/N)	1	9	6.725018	0.029057
Time Point	3	27	1.732778	0.183933
Concentration_New*Obese (Y/N)	4	36	0.383521	0.818942
Concentration_New*Time Point	12	120	1.070396	0.391058
Obese (Y/N)*Time Point	3	27	1.036805	0.392069

**Fixed Effect Test for Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

Fixed Effect Test for Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.4478	0.000000
Obese (Y/N)	1	9	192.1299	0.000000
Time Point	3	27	37.3077	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8883	0.035844
Concentration_New*Time Point	12	120	1.3503	0.199645
Obese (Y/N)*Time Point	3	27	3.2088	0.038788



### Fixed Effect Test for Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Fixed Effect Test for Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.6215	0.000000
Obese (Y/N)	1	9	205.7105	0.000000
Time Point	3	27	38.9914	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8439	0.037980
Concentration_New*Time Point	12	120	1.3866	0.181454
Obese (Y/N)*Time Point	3	27	3.4238	0.031225

### Fixed Effect Test for % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

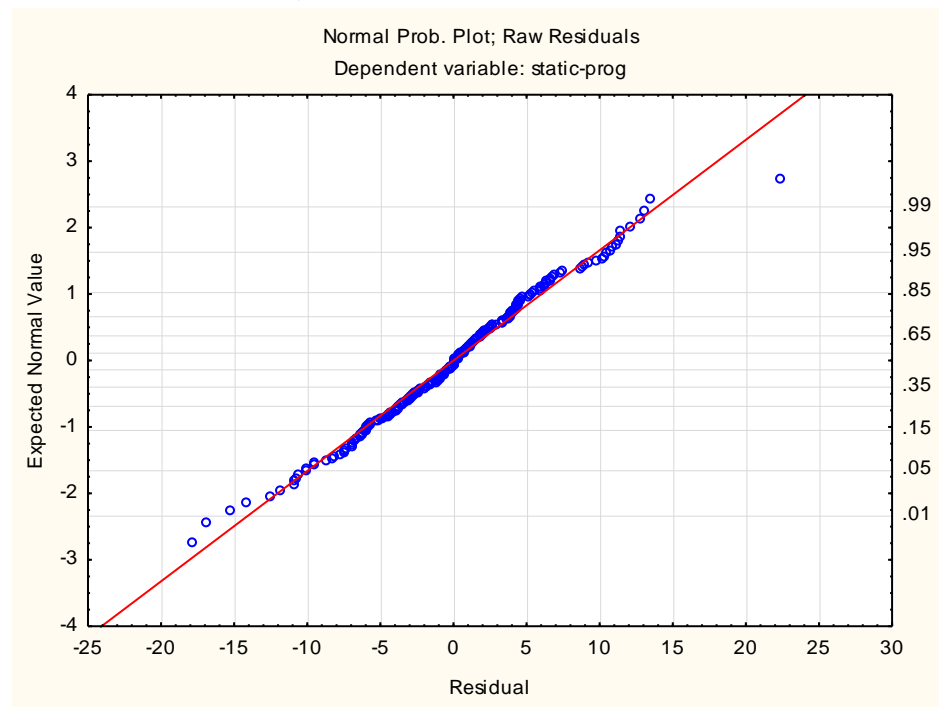
Fixed Effect Test for % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Restricted Maximum Likelihood (REML)

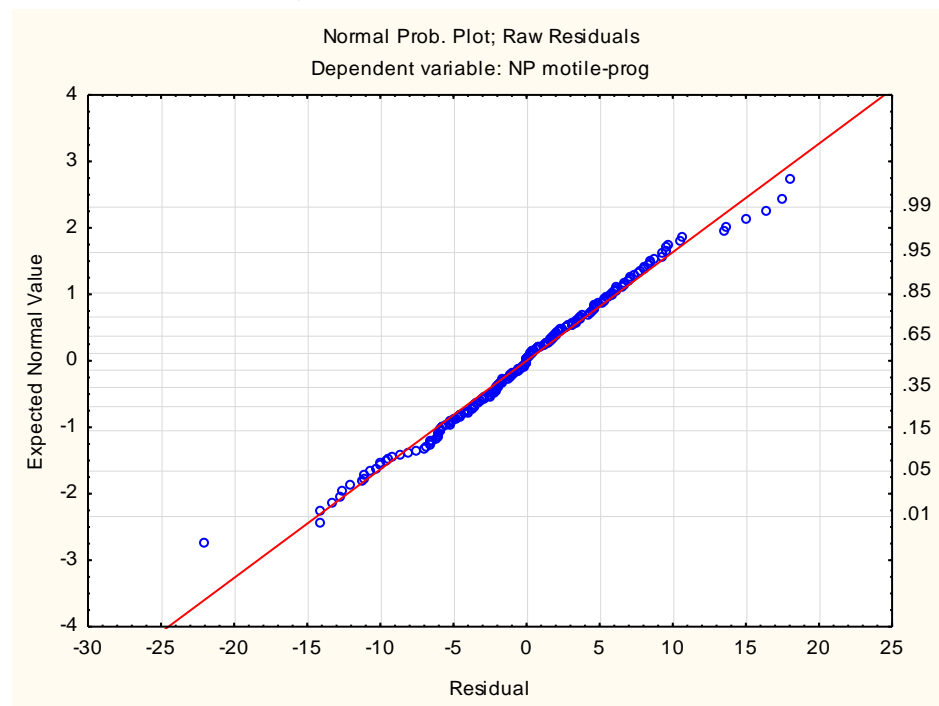
Type III decomposition

Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	27.4478	0.000000
Obese (Y/N)	1	9	192.1299	0.000000
Time Point	3	27	37.3077	0.000000
Concentration_New*Obese (Y/N)	4	36	2.8883	0.035844
Concentration_New*Time Point	12	120	1.3503	0.199645
Obese (Y/N)*Time Point	3	27	3.2088	0.038788

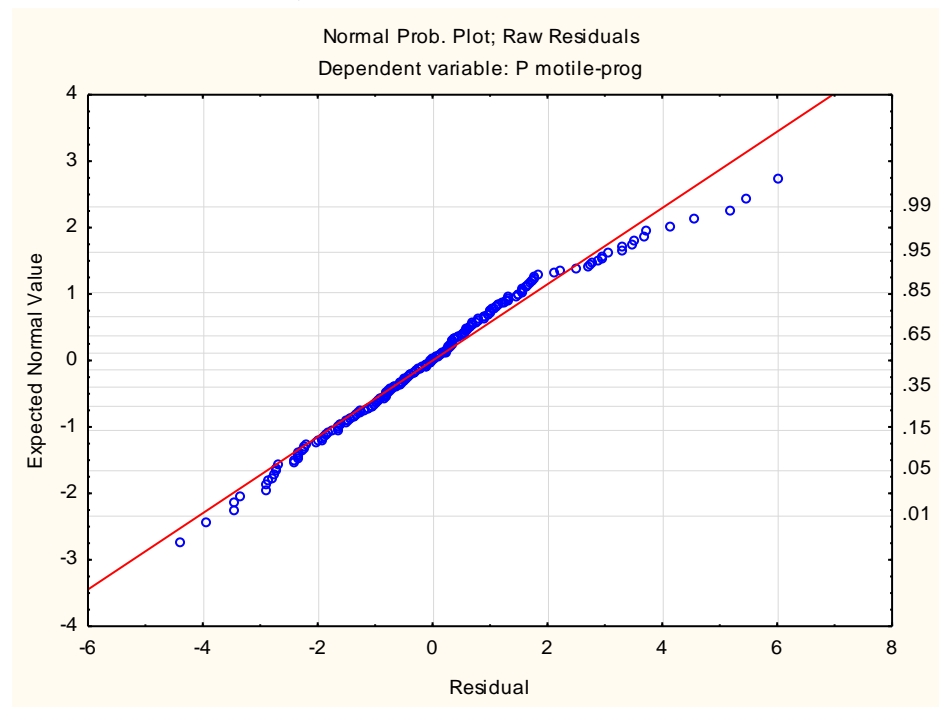
### Normal Prob. Plot; Raw Residuals



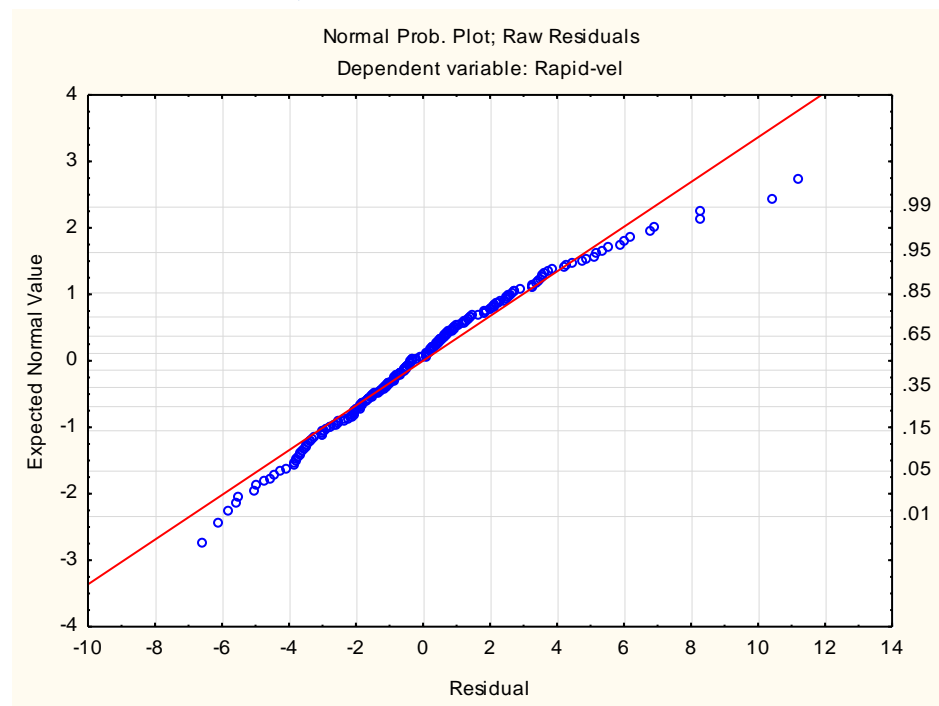
### Normal Prob. Plot; Raw Residuals



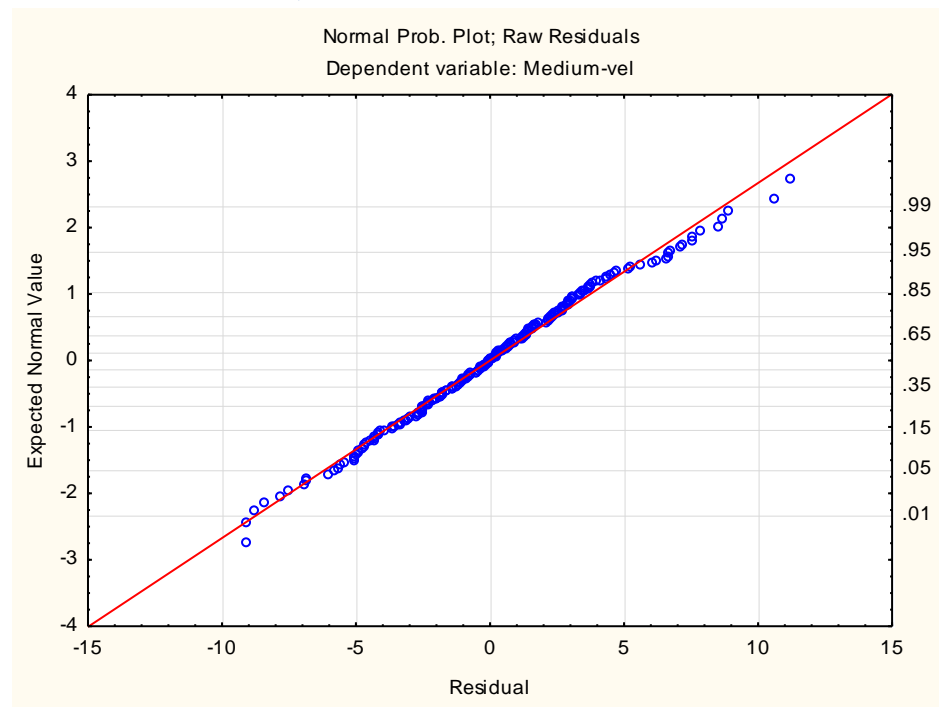
### Normal Prob. Plot; Raw Residuals



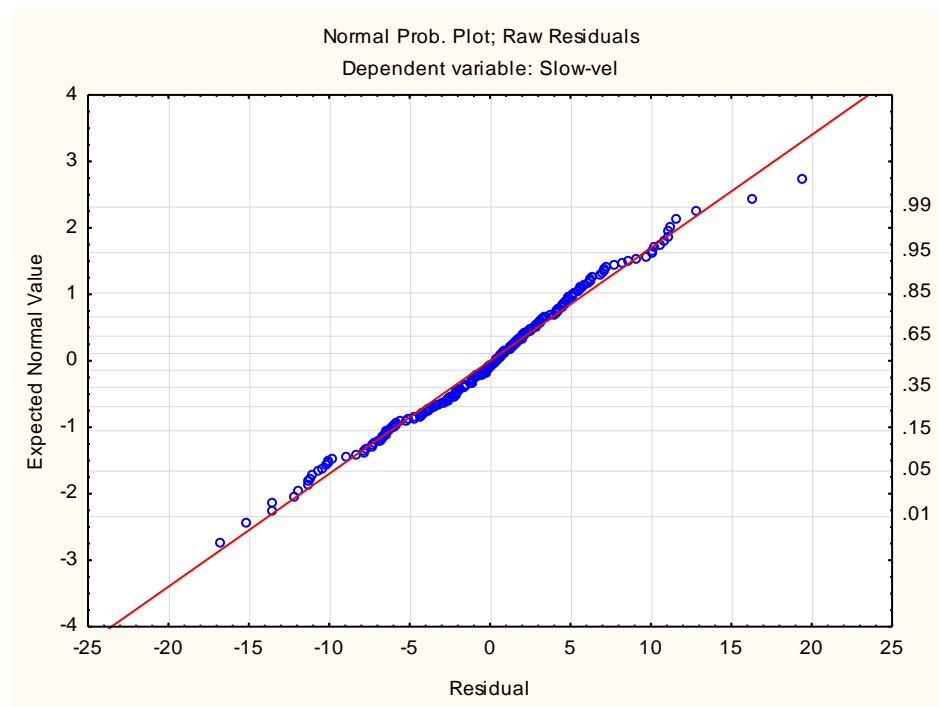
### Normal Prob. Plot; Raw Residuals



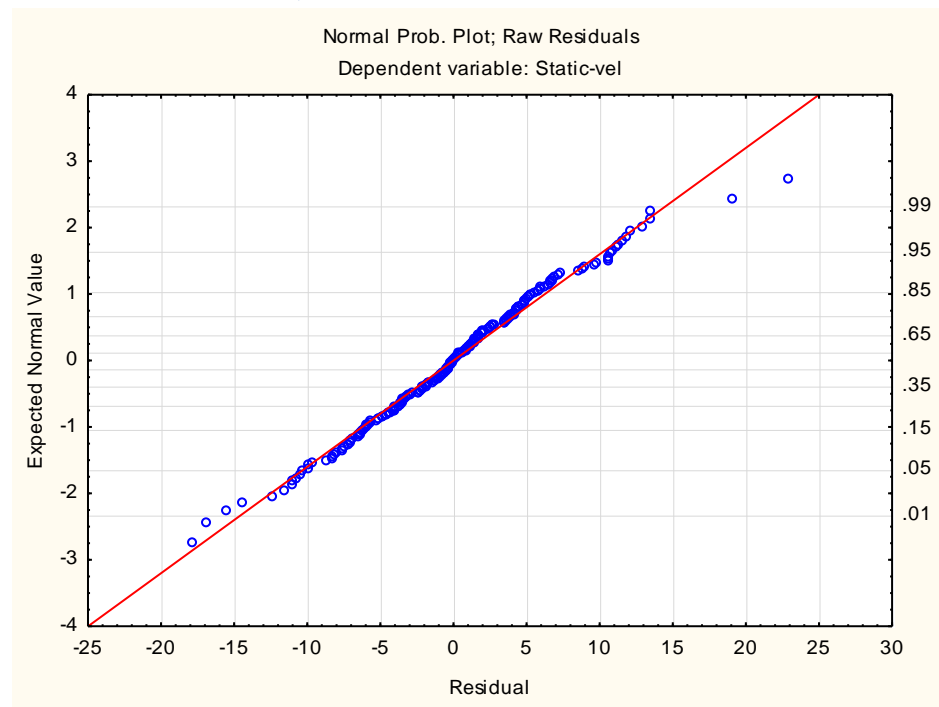
### Normal Prob. Plot; Raw Residuals



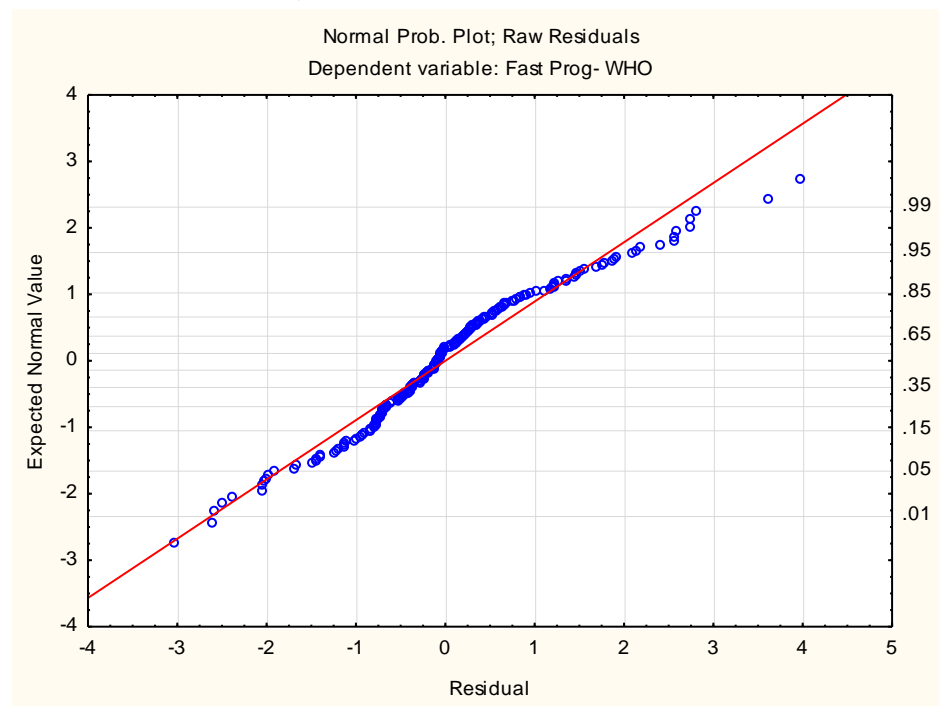
### Normal Prob. Plot; Raw Residuals



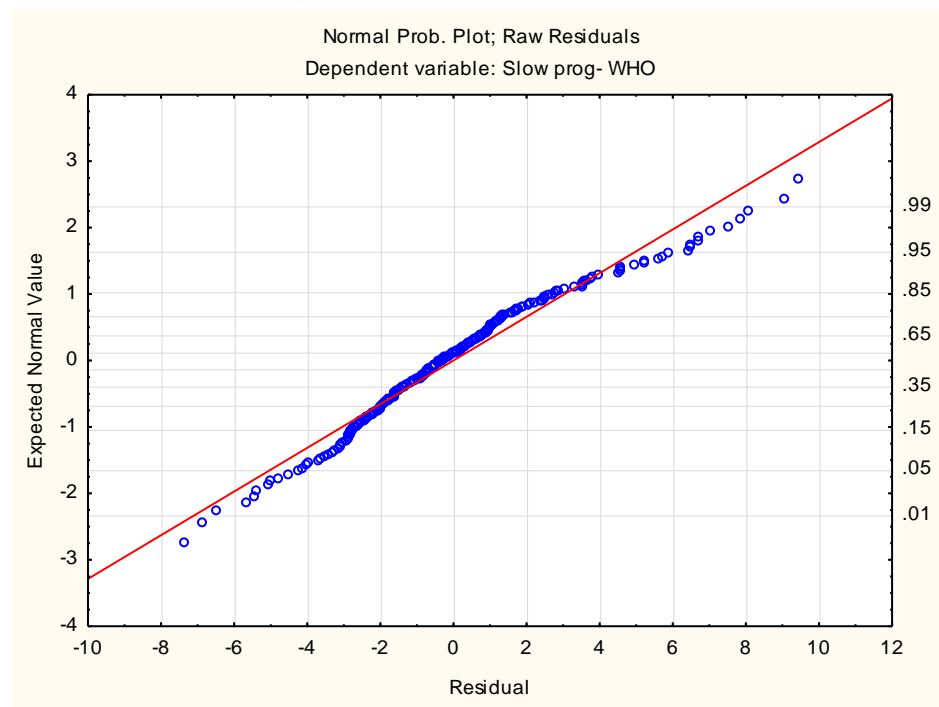
### Normal Prob. Plot; Raw Residuals



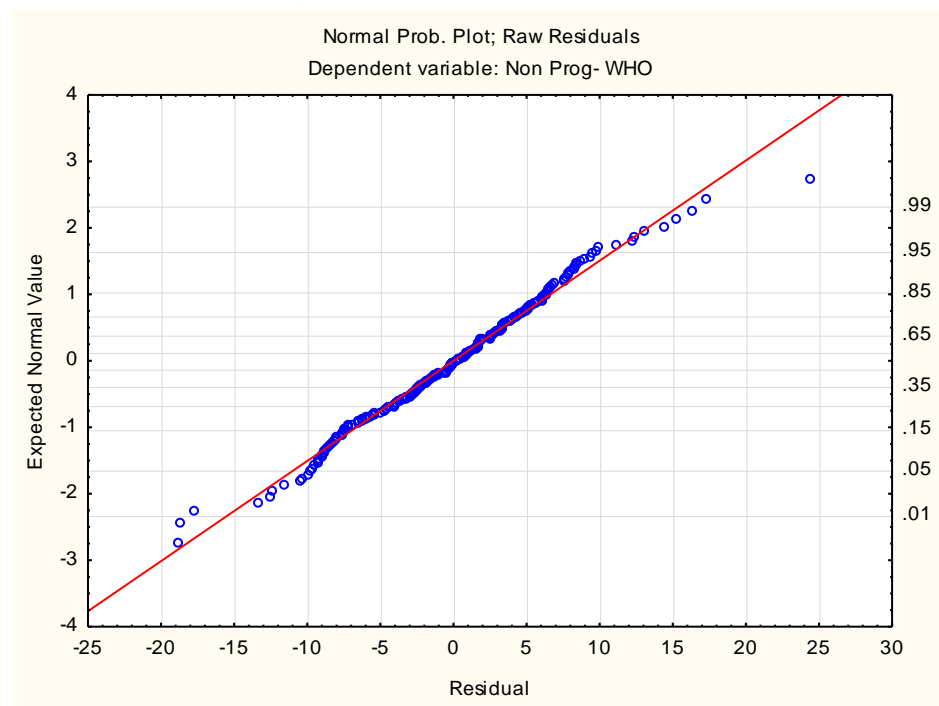
### Normal Prob. Plot; Raw Residuals



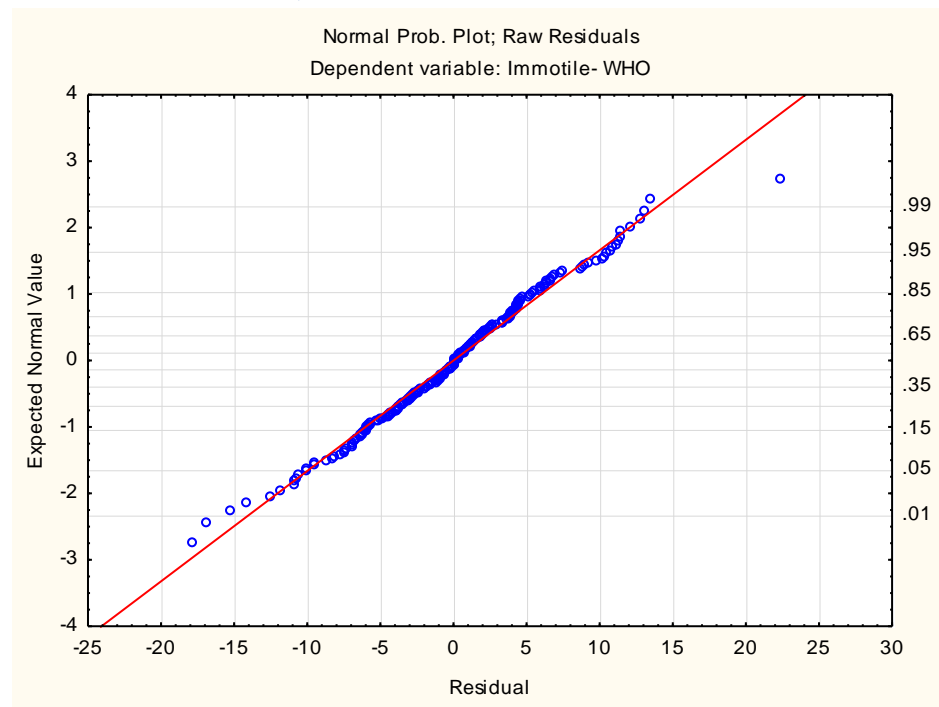
### Normal Prob. Plot; Raw Residuals



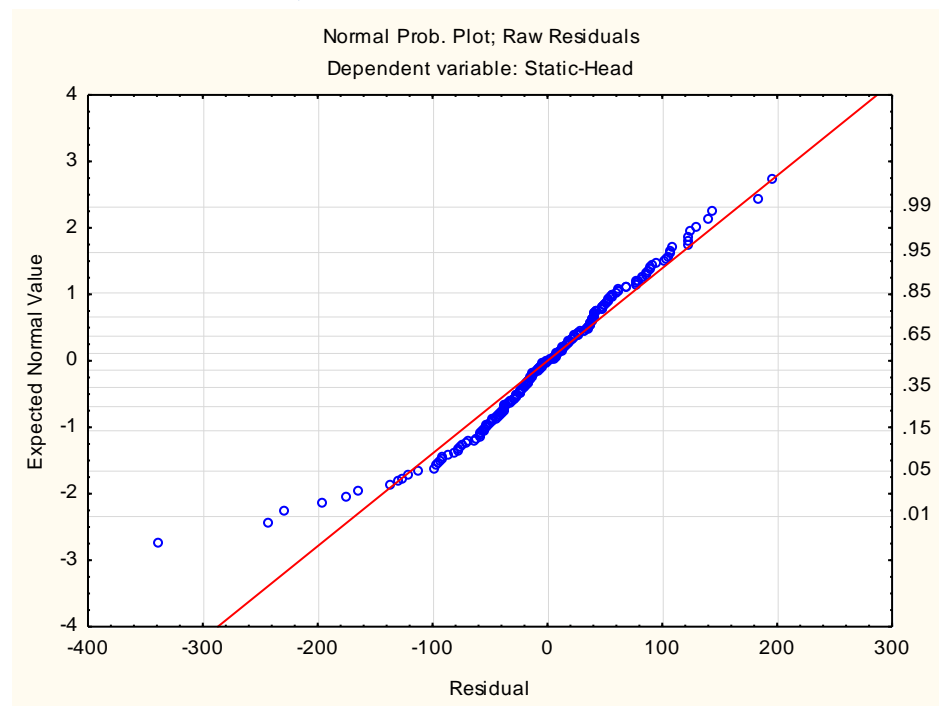
### Normal Prob. Plot; Raw Residuals



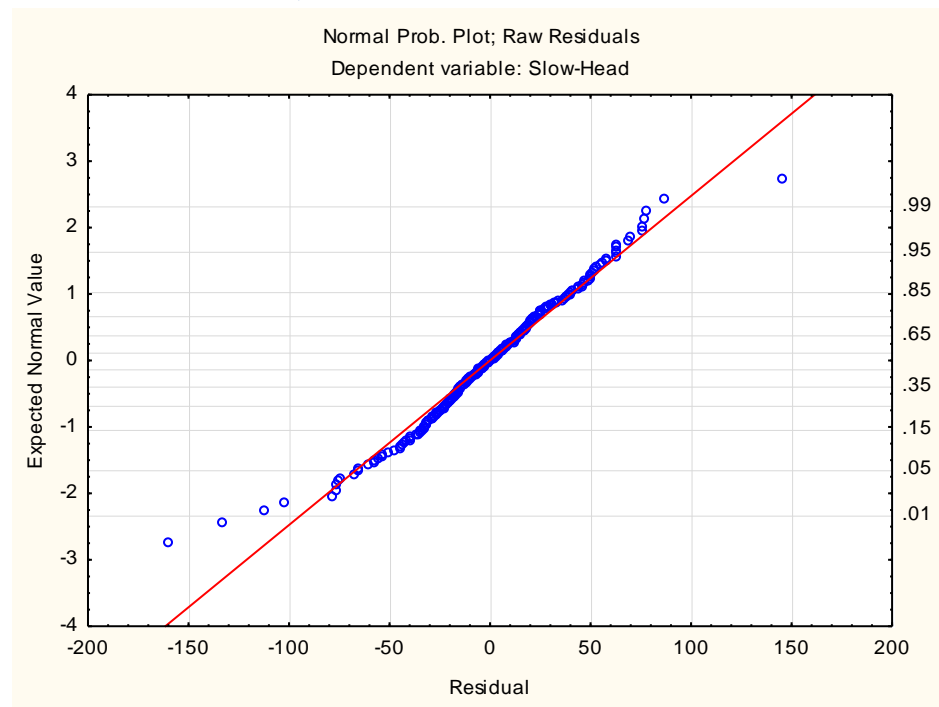
### Normal Prob. Plot; Raw Residuals



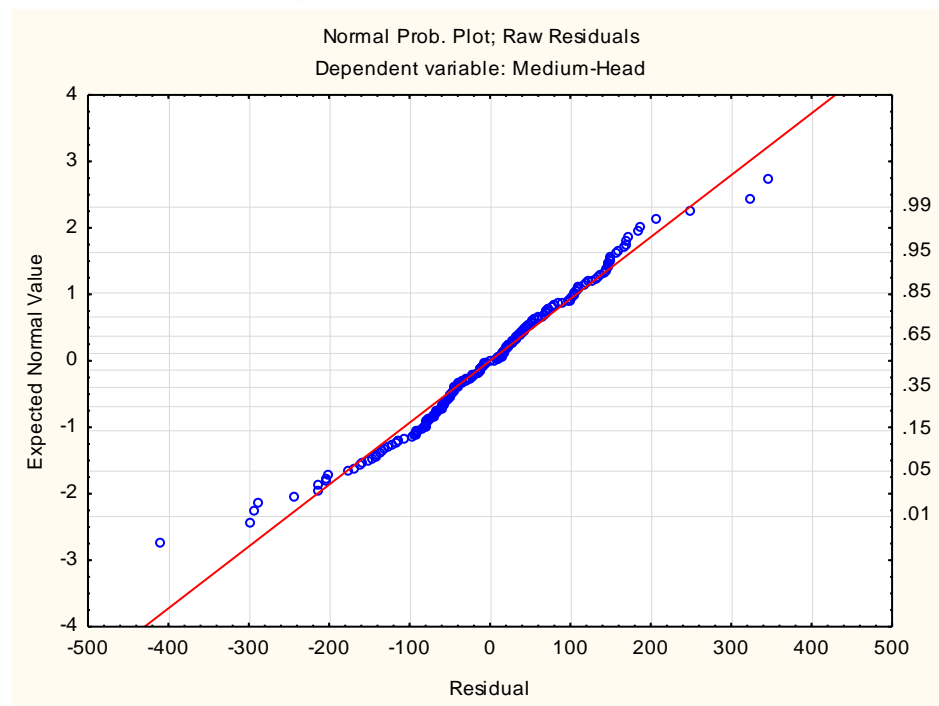
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals

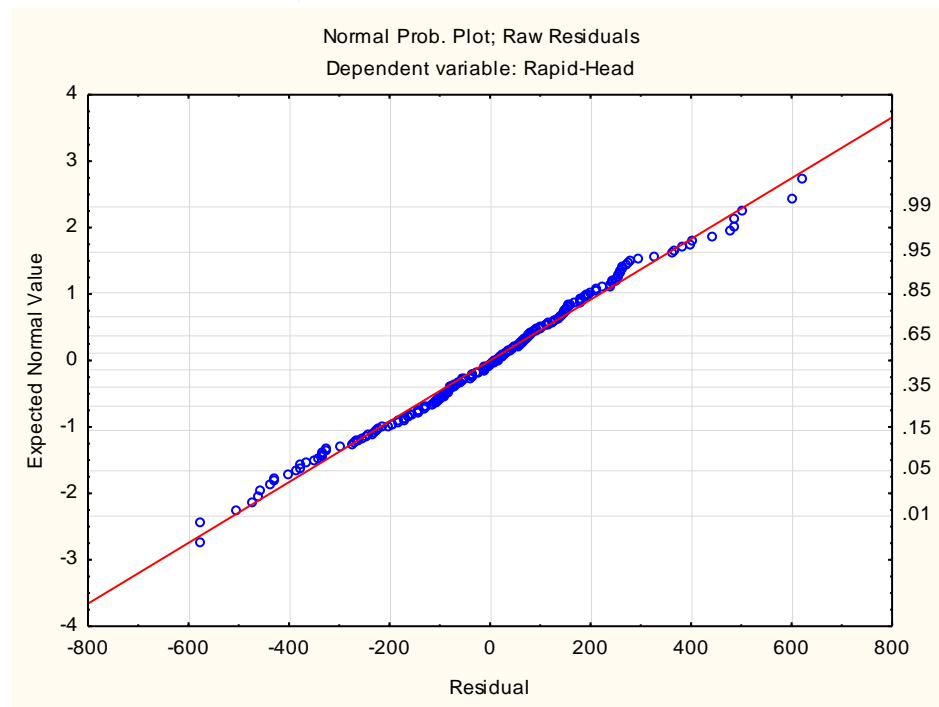


### Normal Prob. Plot; Raw Residuals

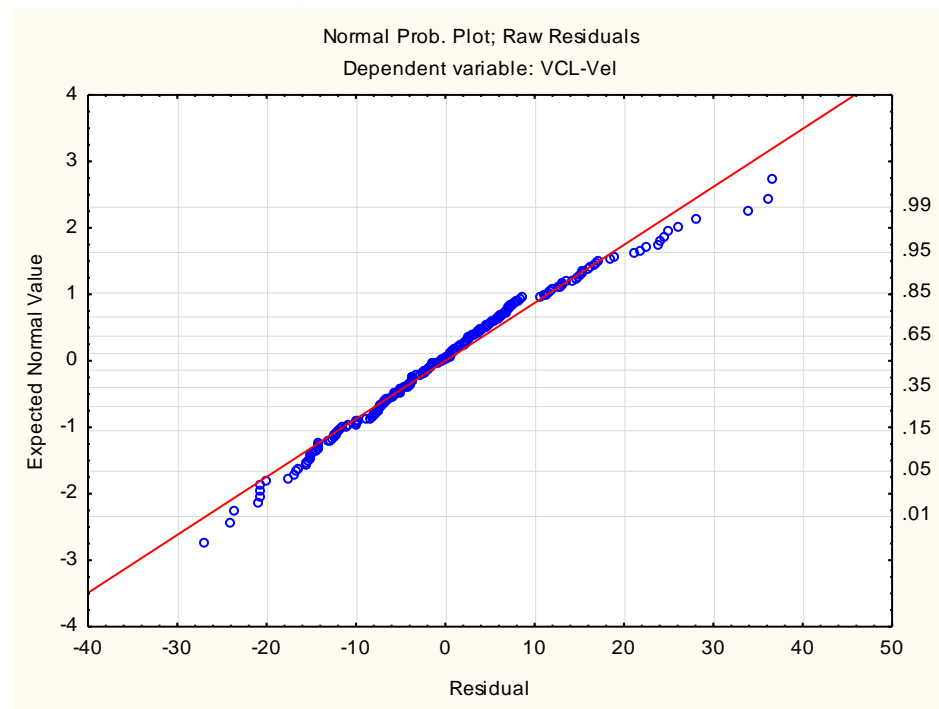




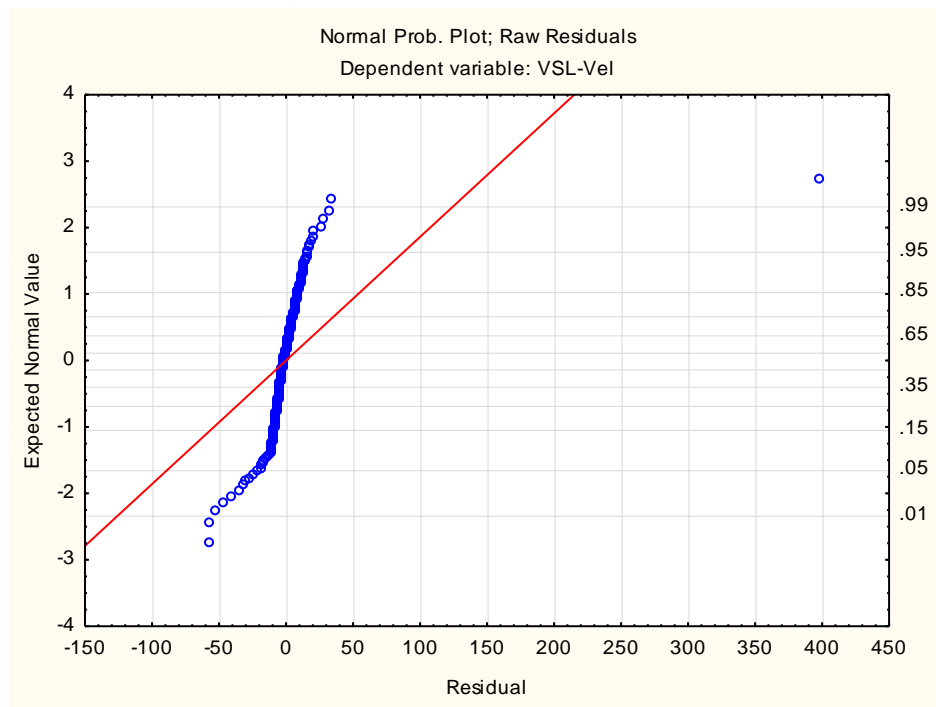
### Normal Prob. Plot; Raw Residuals



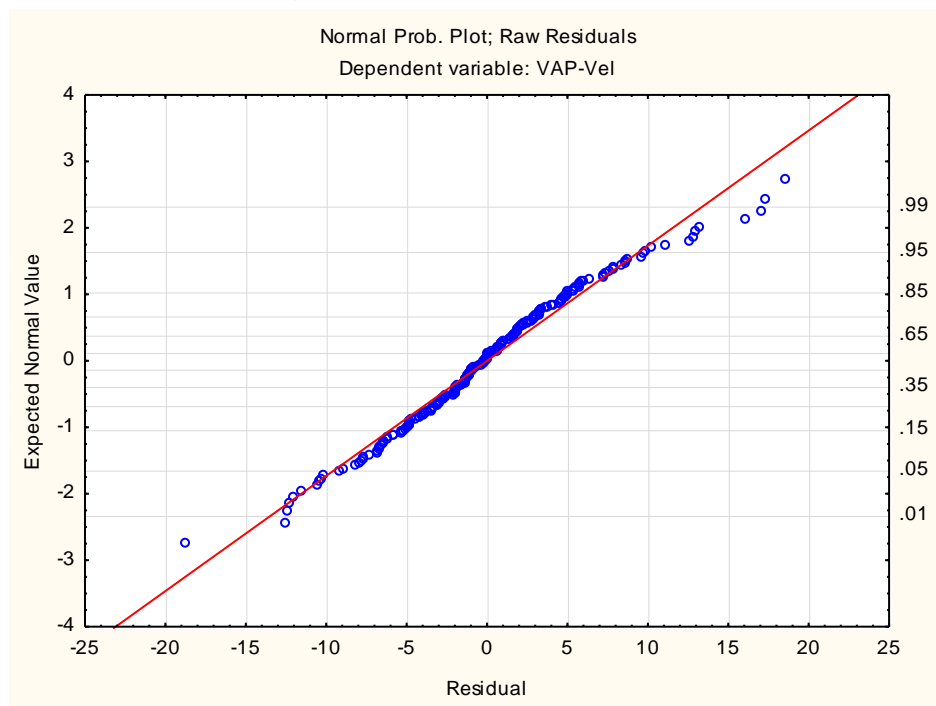
### Normal Prob. Plot; Raw Residuals



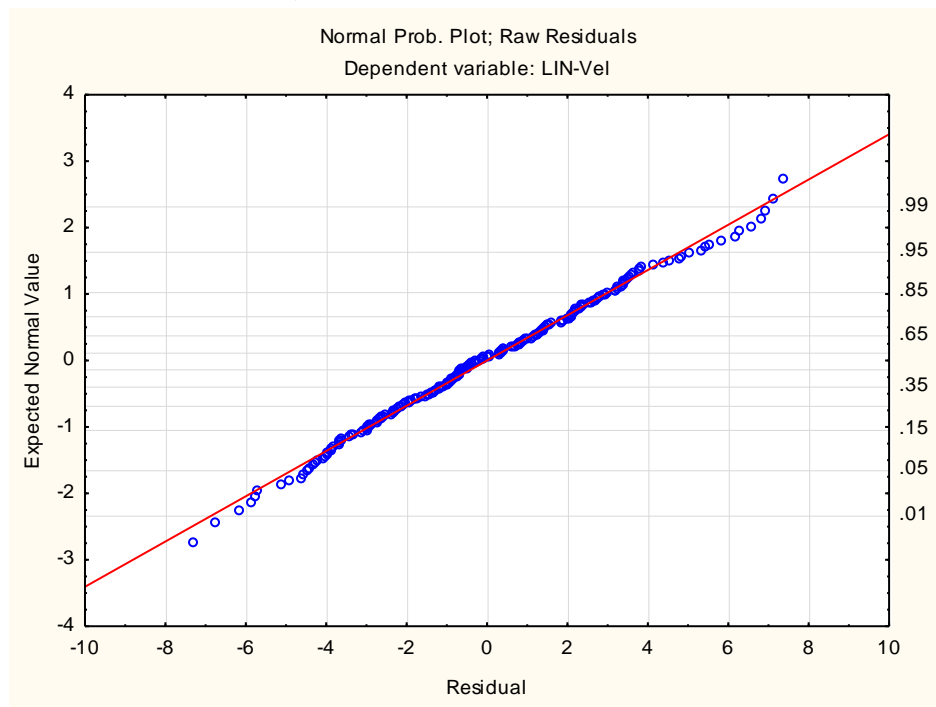
### Normal Prob. Plot; Raw Residuals



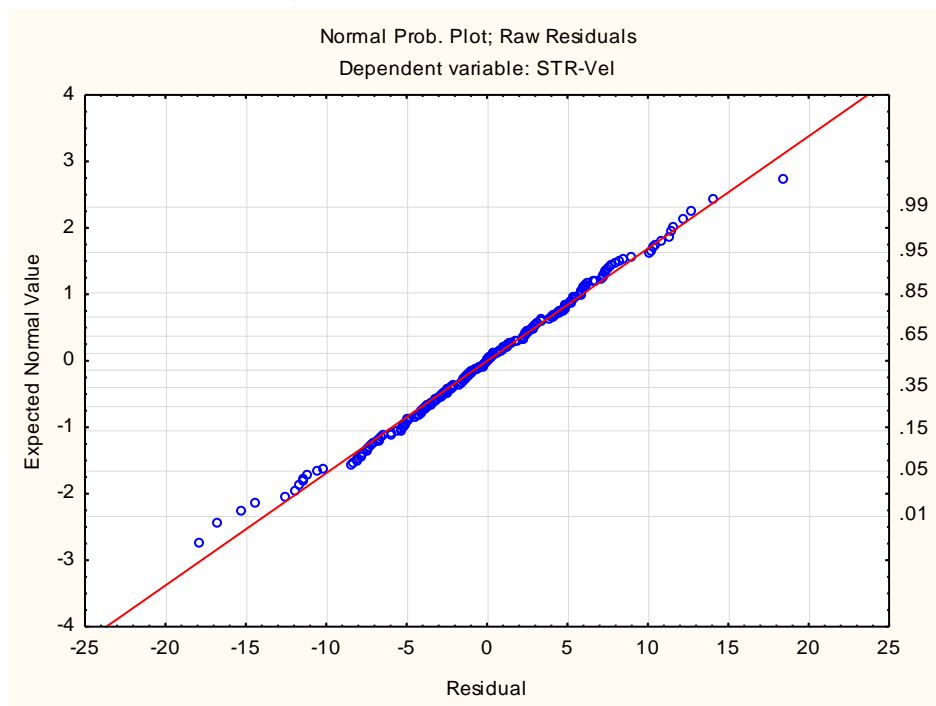
### Normal Prob. Plot; Raw Residuals



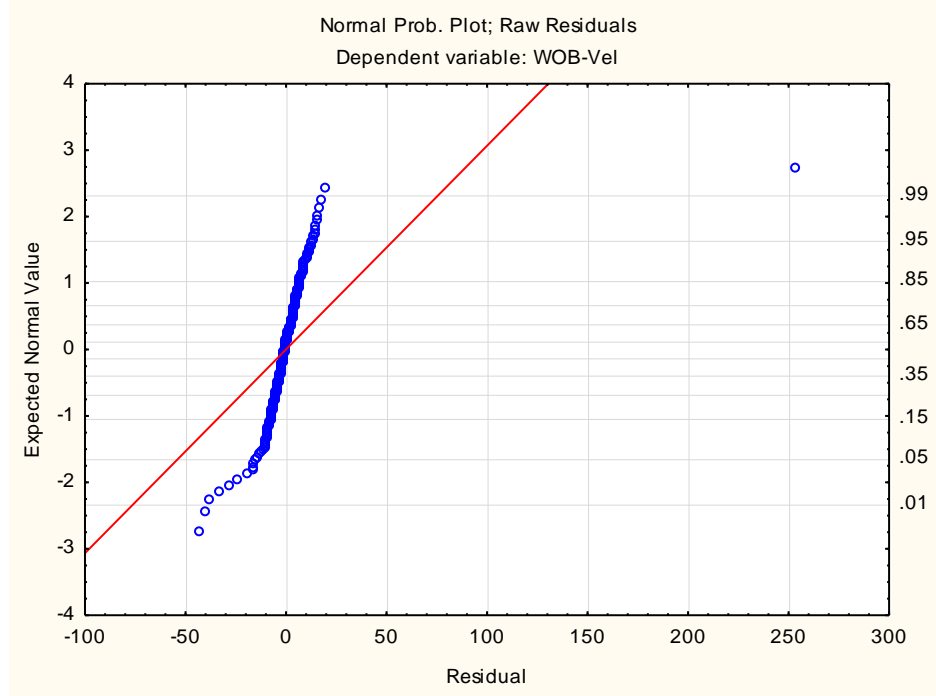
### Normal Prob. Plot; Raw Residuals



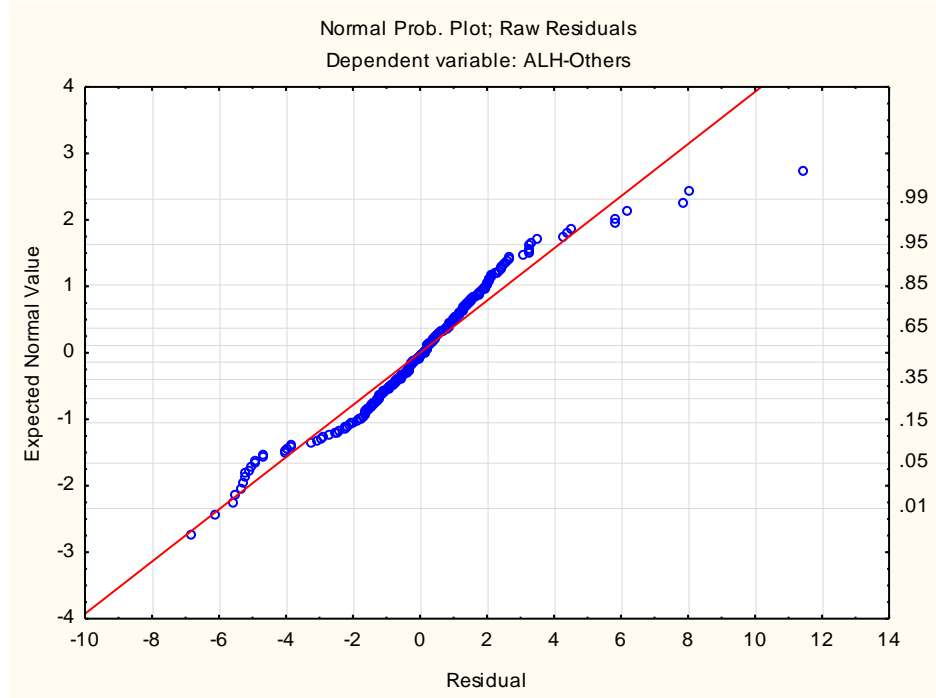
### Normal Prob. Plot; Raw Residuals



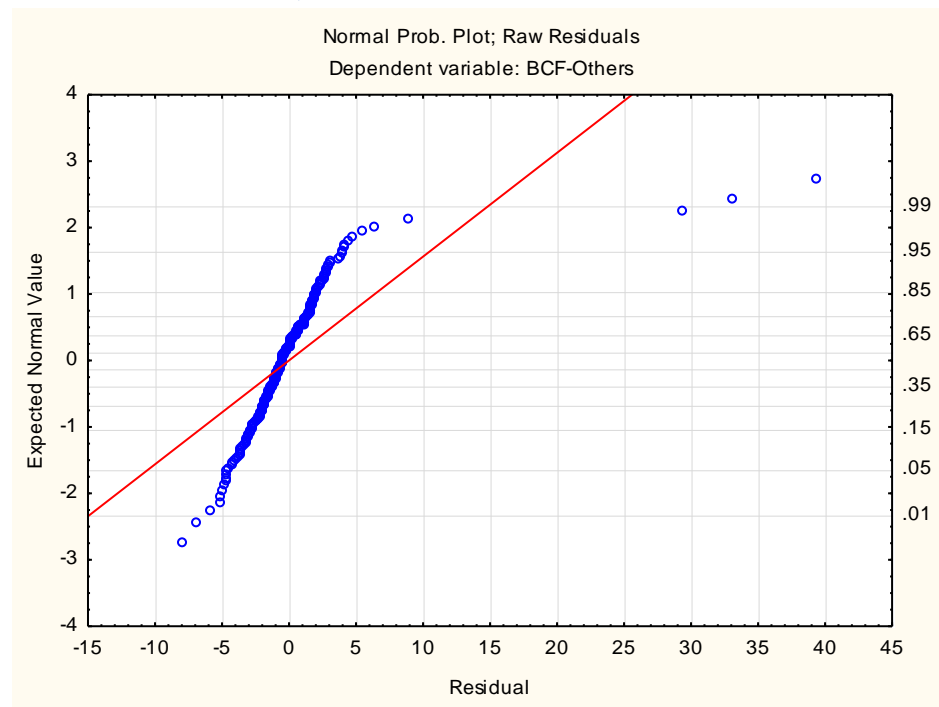
### Normal Prob. Plot; Raw Residuals



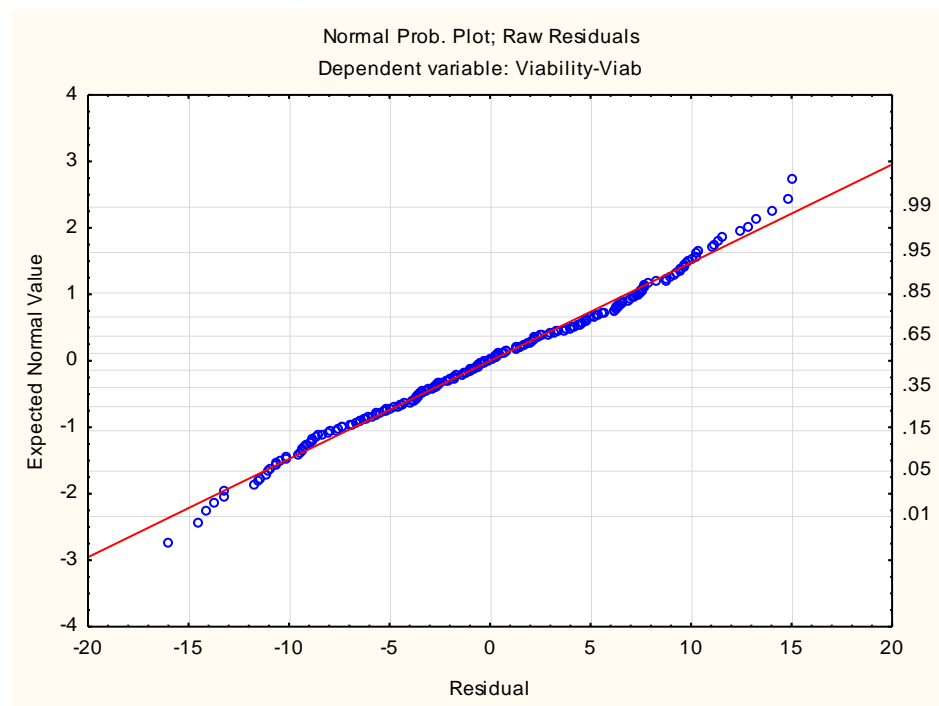
### Normal Prob. Plot; Raw Residuals



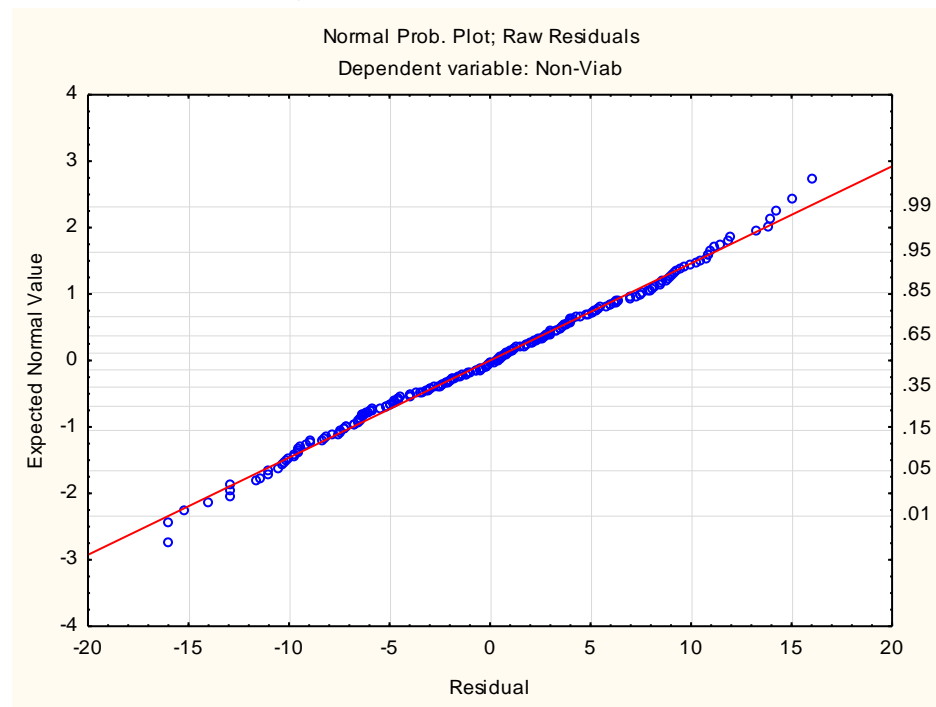
### Normal Prob. Plot; Raw Residuals



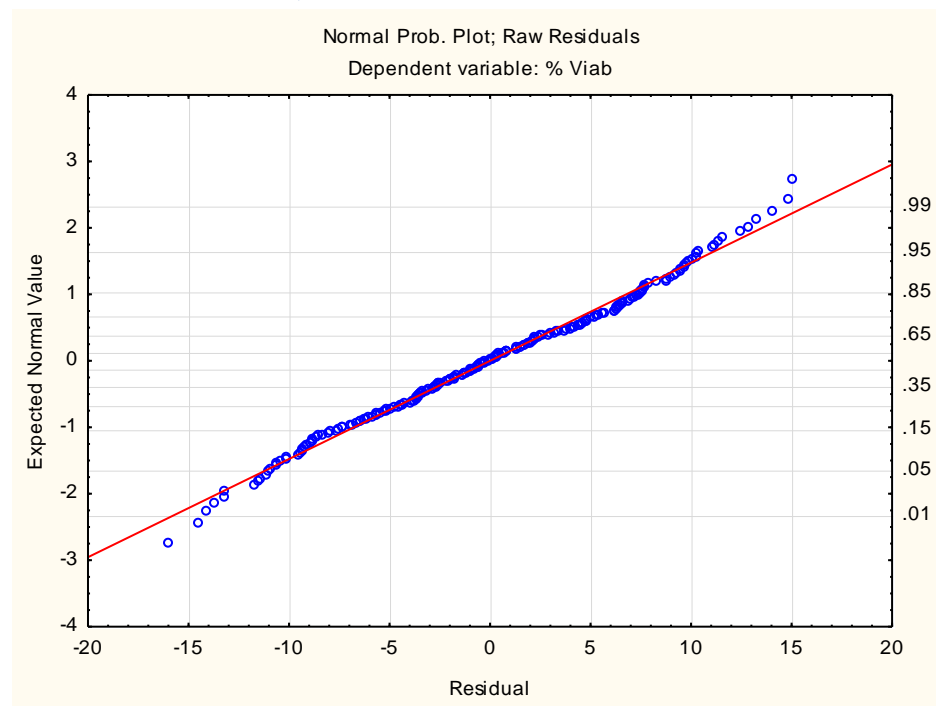
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals



### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

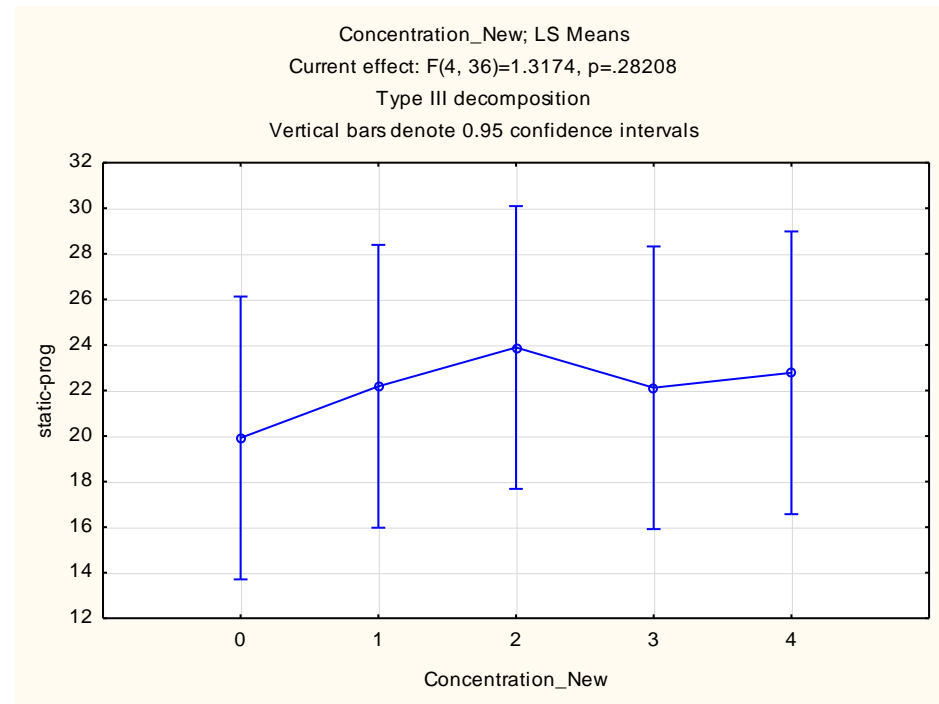
Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect:  $F(4, 36)=1.3174$ ,  $p=.28208$

Type III decomposition

Cell No.	Concentration_New	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	0	19.91667	3.060561	13.70956	26.12377	44
2	1	22.18375	3.060561	15.97664	28.39086	44
3	2	23.88917	3.060561	17.68206	30.09627	44
4	3	22.12000	3.060561	15.91289	28.32711	44
5	4	22.77917	3.060561	16.57206	28.98627	44

### Concentration\_New; LS Means



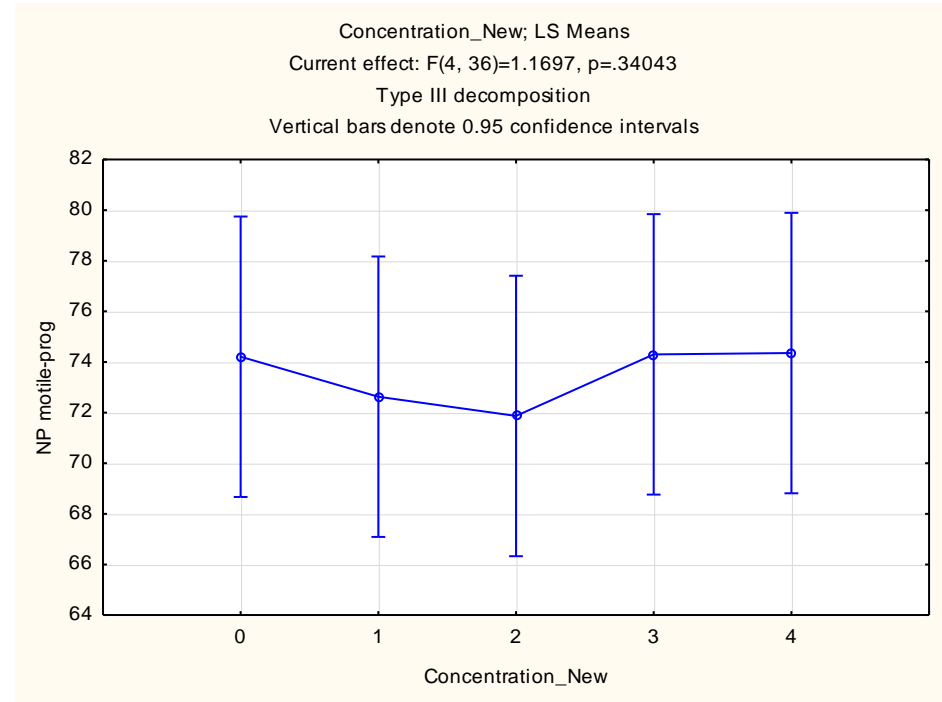
### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=1.1697$ ,  $p=.34043$   
 Type III decomposition

Cell No.	Concentration_New	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	0	74.20917	2.731683	68.66906	79.74928	44

2	1	72.62708	2.731683	67.08697	78.16719	44
3	2	71.86792	2.731683	66.32781	77.40803	44
4	3	74.30083	2.731683	68.76072	79.84094	44
5	4	74.35583	2.731683	68.81572	79.89594	44

### Concentration\_New; LS Means



### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

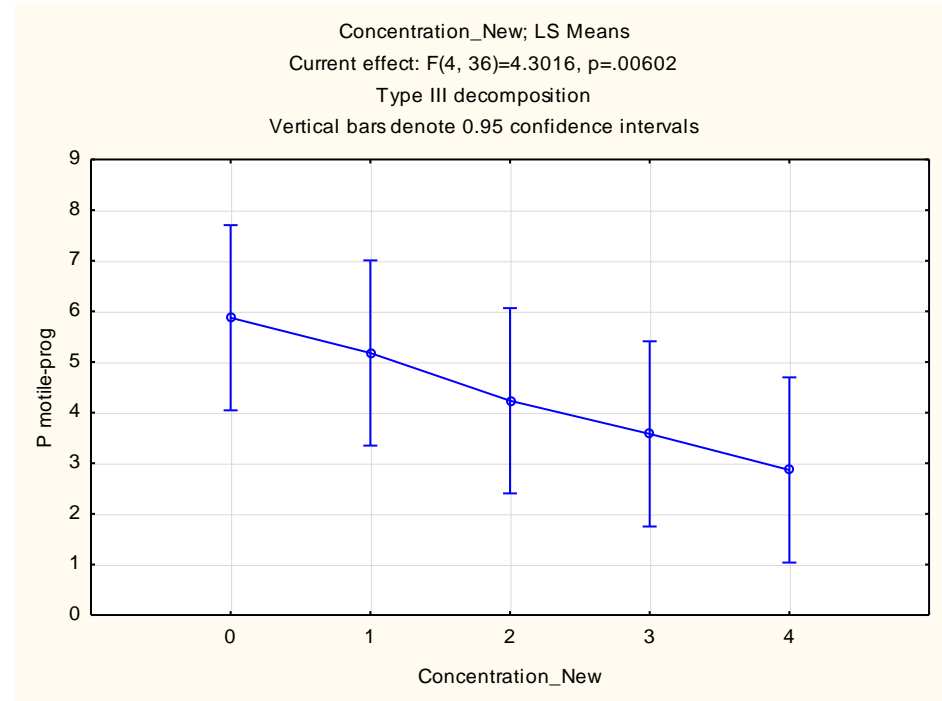
Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=4.3016$ ,  $p=.00602$   
 Type III decomposition

Cell No.	Concentration_New	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	0	5.874167	0.902163	4.044495	7.703838	44
2	1	5.178750	0.902163	3.349079	7.008421	44
3	2	4.233750	0.902163	2.404079	6.063421	44
4	3	3.580000	0.902163	1.750329	5.409671	44



5	4	2.867083	0.902163	1.037412	4.696755	44
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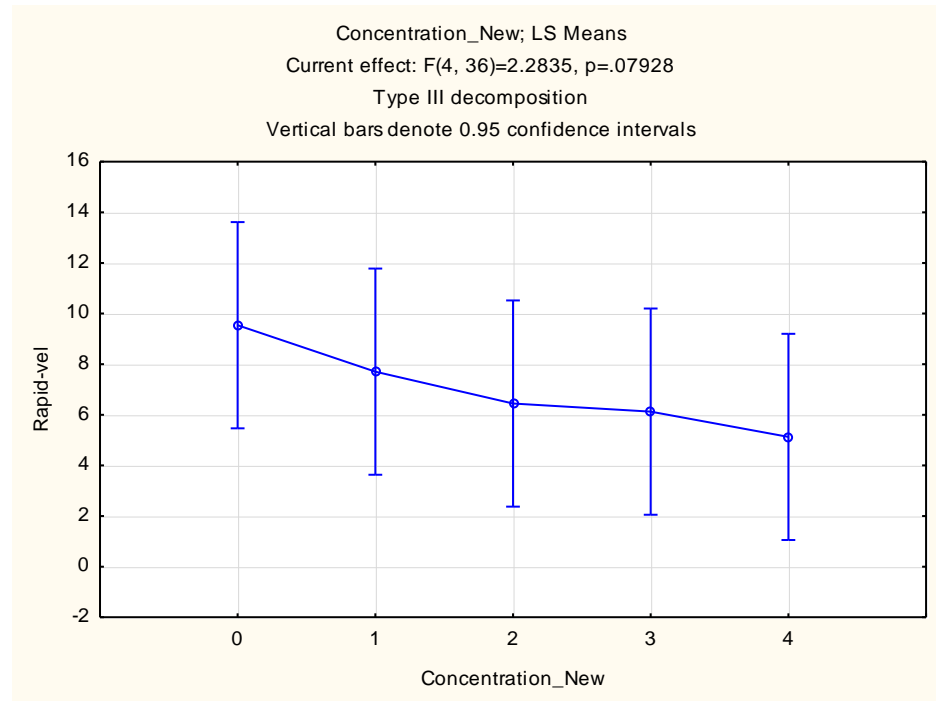
**Concentration\_New; LS Means**



**Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)						
Current effect: F(4, 36)=2.2835, p=.07928						
Type III decomposition						
Cell No.	Concentration_New	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	0	9.538333	2.008594	5.464716	13.61195	44
2	1	7.705833	2.008594	3.632216	11.77945	44
3	2	6.444583	2.008594	2.370966	10.51820	44
4	3	6.125000	2.008594	2.051383	10.19862	44
5	4	5.128750	2.008594	1.055133	9.20237	44

### Concentration\_New; LS Means

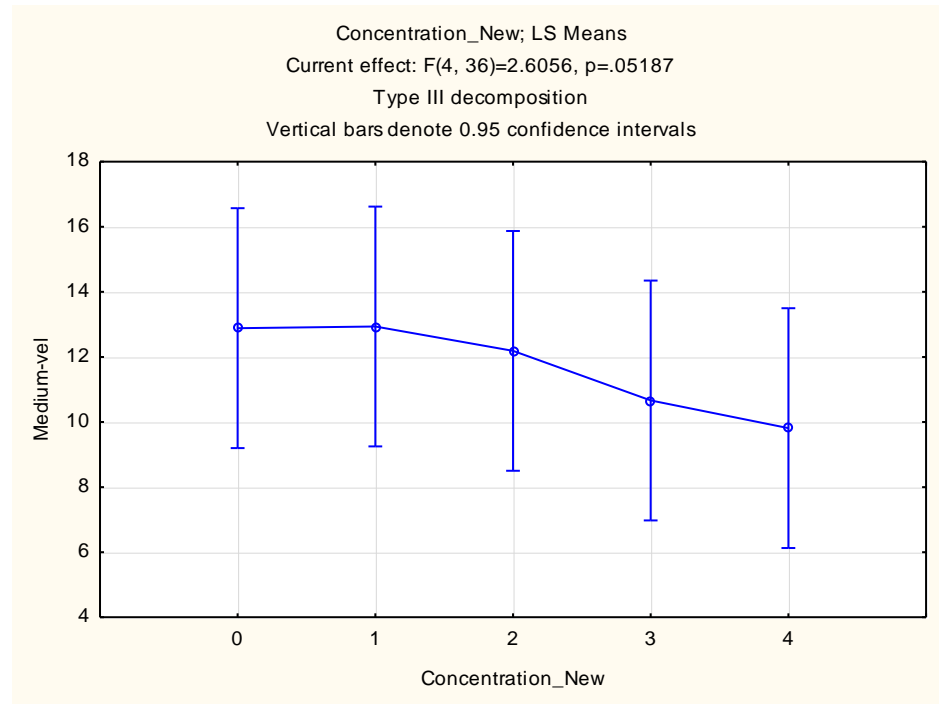


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=2.6056, p=.05187$   
 Type III decomposition

Cell No.	Concentration_New	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	0	12.88500	1.816704	9.200554	16.56945	44
2	1	12.93583	1.816704	9.251388	16.62028	44
3	2	12.18667	1.816704	8.502221	15.87111	44
4	3	10.66250	1.816704	6.978054	14.34695	44
5	4	9.81417	1.816704	6.129721	13.49861	44

### Concentration\_New; LS Means

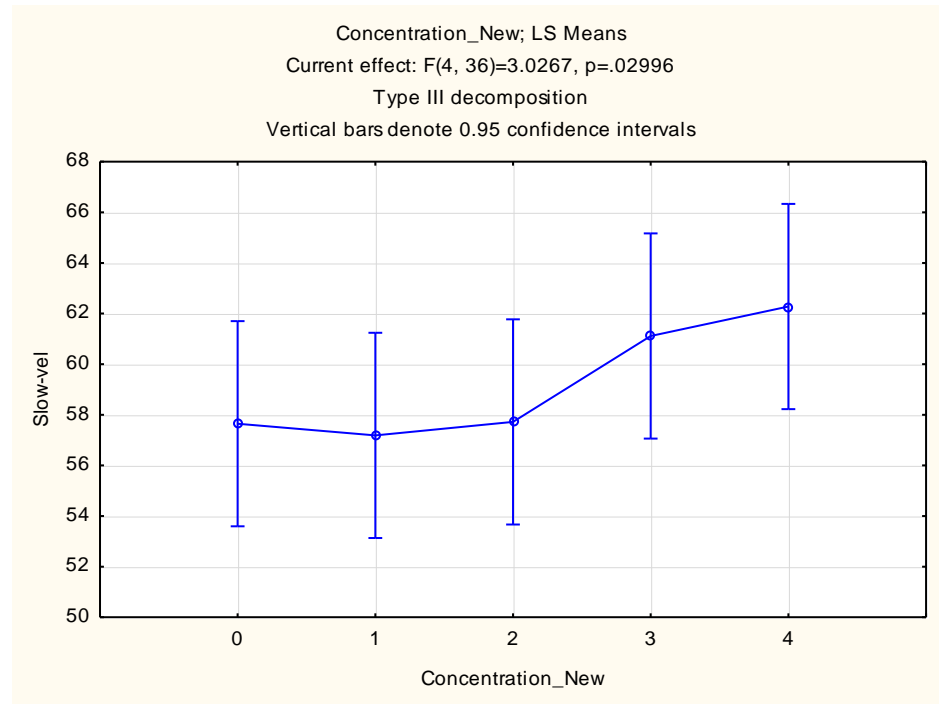


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=3.0267$ ,  $p=.02996$   
 Type III decomposition

Cell No.	Concentration_New	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	0	57.64875	1.999217	53.59415	61.70335	44
2	1	57.18667	1.999217	53.13207	61.24127	44
3	2	57.71958	1.999217	53.66498	61.77418	44
4	3	61.11417	1.999217	57.05957	65.16877	44
5	4	62.27875	1.999217	58.22415	66.33335	44

### Concentration\_New; LS Means

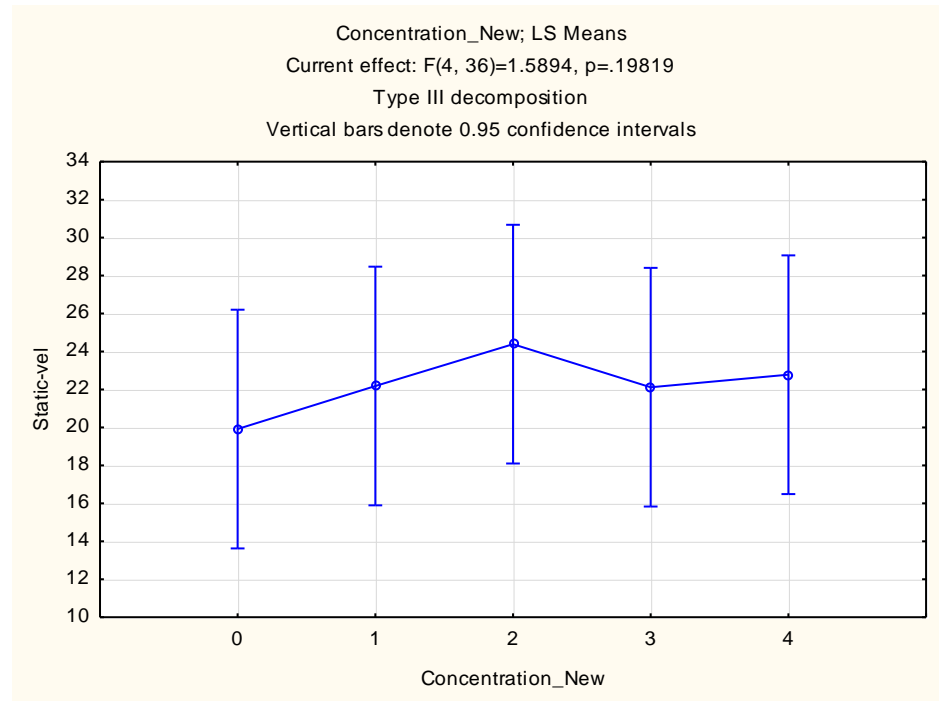


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=1.5894, p=.19819$   
 Type III decomposition

Cell No.	Concentration_New	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	0	19.91667	3.099351	13.63089	26.20244	44
2	1	22.18375	3.099351	15.89797	28.46953	44
3	2	24.38917	3.099351	18.10339	30.67494	44
4	3	22.12000	3.099351	15.83422	28.40578	44
5	4	22.77917	3.099351	16.49339	29.06494	44

### Concentration\_New; LS Means

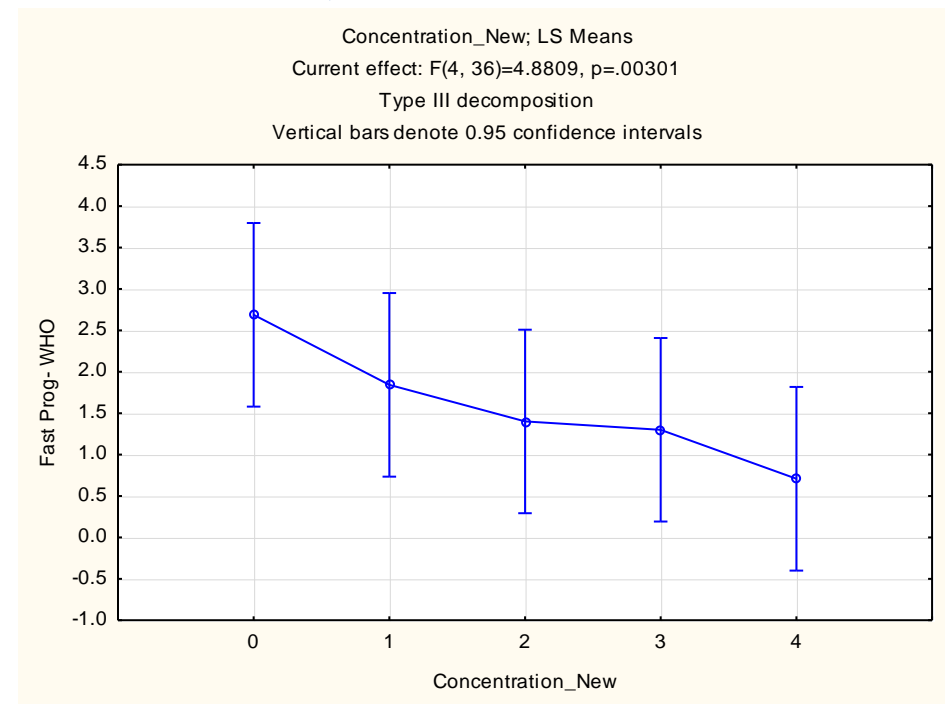


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=4.8809, p=.00301$   
 Type III decomposition

Cell No.	Concentration_New	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	0	2.687917	0.546441	1.579683	3.796150	44
2	1	1.842500	0.546441	0.734267	2.950733	44
3	2	1.400417	0.546441	0.292183	2.508650	44
4	3	1.300000	0.546441	0.191767	2.408233	44
5	4	0.708750	0.546441	-0.399483	1.816983	44

### Concentration\_New; LS Means

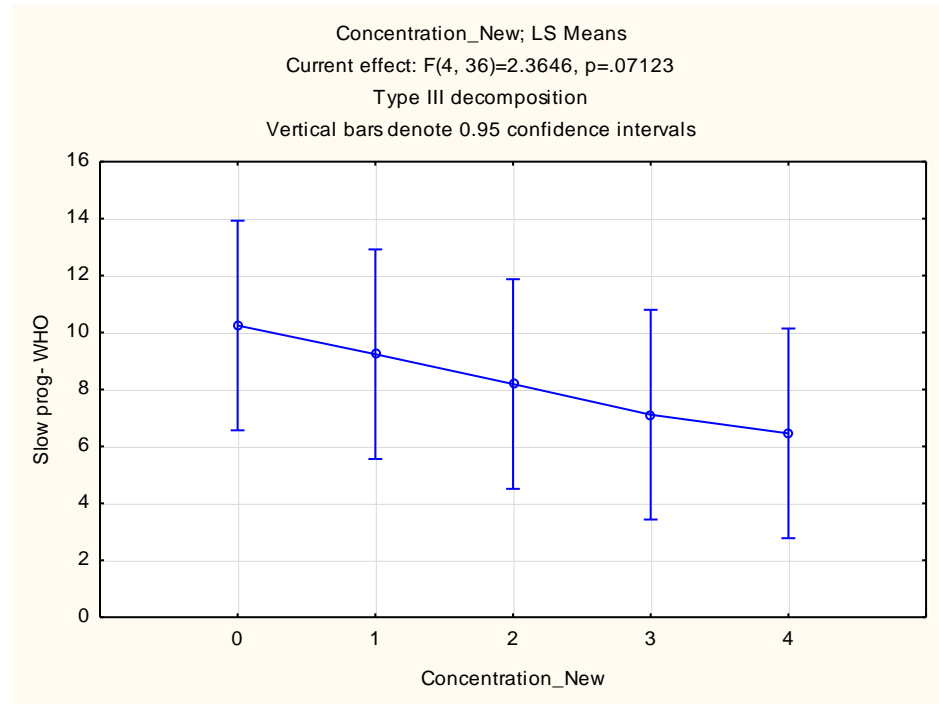


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=2.3646$ ,  $p=.07123$   
 Type III decomposition

Cell No.	Concentration_New	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	0	10.24792	1.815332	6.566253	13.92958	44
2	1	9.23958	1.815332	5.557920	12.92125	44
3	2	8.19167	1.815332	4.510003	11.87333	44
4	3	7.11500	1.815332	3.433336	10.79666	44
5	4	6.45875	1.815332	2.777086	10.14041	44

### Concentration\_New; LS Means

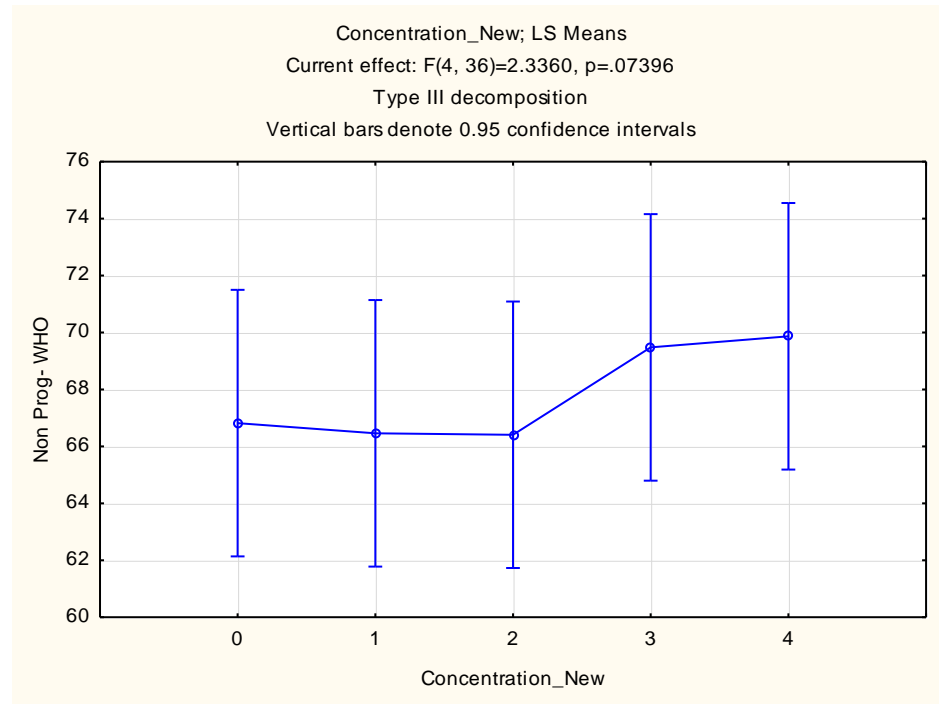


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=2.3360, p=.07396$   
 Type III decomposition

Cell No.	Concentration_New	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	0	66.82000	2.307850	62.13946	71.50054	44
2	1	66.46250	2.307850	61.78196	71.14304	44
3	2	66.41042	2.307850	61.72988	71.09095	44
4	3	69.47833	2.307850	64.79780	74.15887	44
5	4	69.86833	2.307850	65.18780	74.54887	44

### Concentration\_New; LS Means



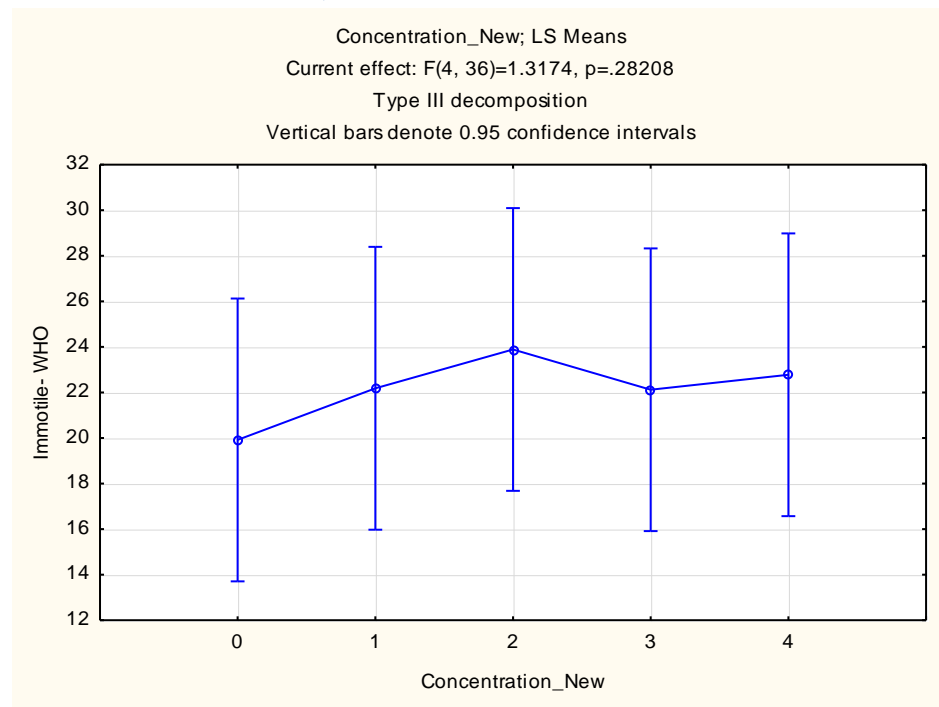
### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=1.3174$ ,  $p=.28208$   
 Type III decomposition

Cell No.	Concentration_New	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	0	19.91667	3.060561	13.70956	26.12377	44
2	1	22.18375	3.060561	15.97664	28.39086	44
3	2	23.88917	3.060561	17.68206	30.09627	44
4	3	22.12000	3.060561	15.91289	28.32711	44
5	4	22.77917	3.060561	16.57206	28.98627	44



### Concentration\_New; LS Means

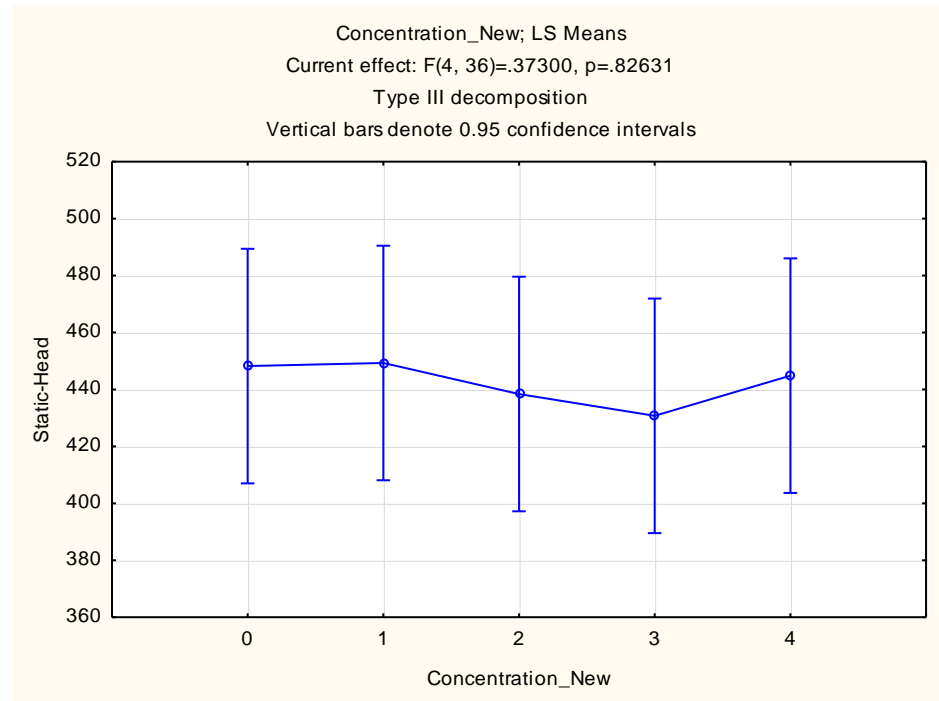


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=.37300, p=.82631$   
 Type III decomposition

Cell No.	Concentration_New	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	0	448.2217	20.31416	407.0226	489.4207	44
2	1	449.3133	20.31416	408.1143	490.5124	44
3	2	438.4142	20.31416	397.2151	479.6132	44
4	3	430.7467	20.31416	389.5476	471.9457	44
5	4	444.8617	20.31416	403.6626	486.0607	44

### Concentration\_New; LS Means

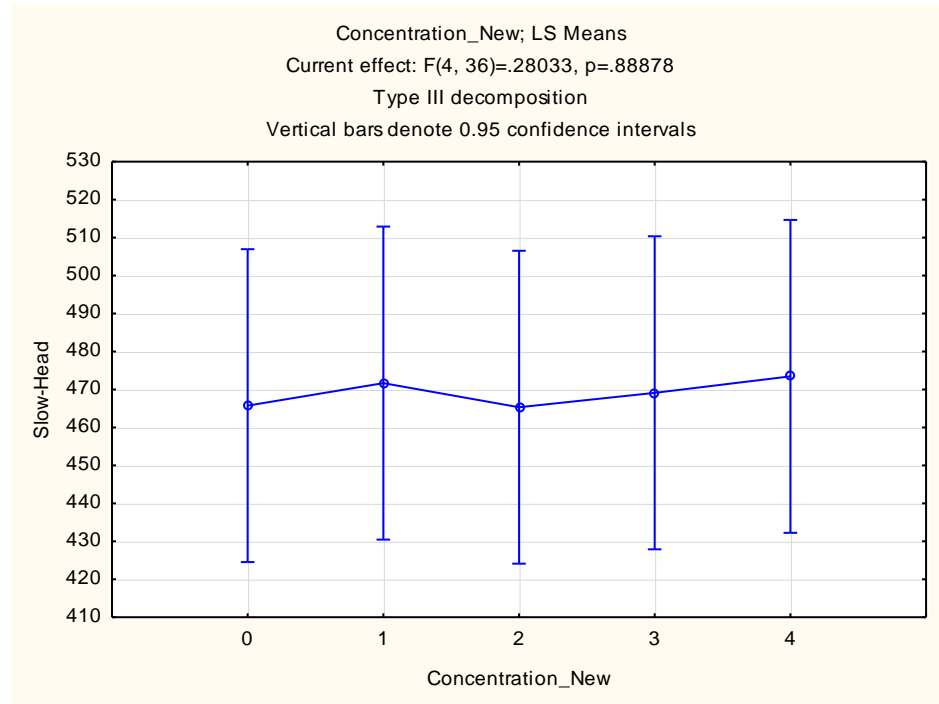


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=.28033, p=.88878$   
 Type III decomposition

Cell No.	Concentration_New	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	0	465.7504	20.32380	424.5318	506.9690	44
2	1	471.6792	20.32380	430.4606	512.8977	44
3	2	465.3292	20.32380	424.1106	506.5477	44
4	3	469.1267	20.32380	427.9081	510.3452	44
5	4	473.4629	20.32380	432.2443	514.6815	44

### Concentration\_New; LS Means

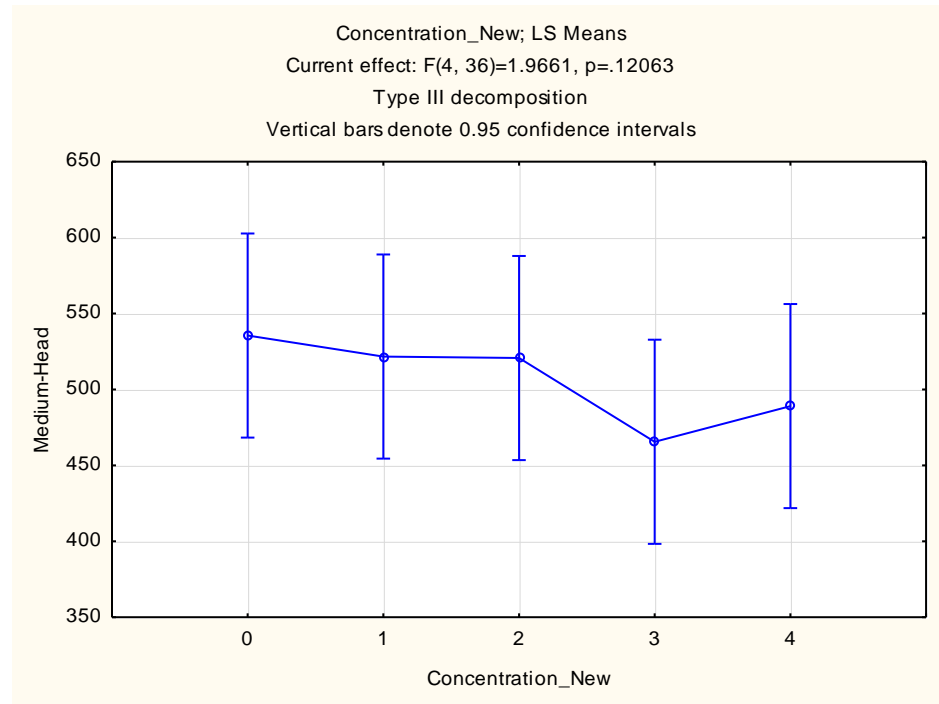


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=1.9661, p=.12063$   
 Type III decomposition

Cell No.	Concentration_New	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	0	535.5496	33.14070	468.3371	602.7620	44
2	1	521.7021	33.14070	454.4896	588.9145	44
3	2	520.7254	33.14070	453.5130	587.9379	44
4	3	465.5525	33.14070	398.3400	532.7650	44
5	4	489.0633	33.14070	421.8509	556.2758	44

### Concentration\_New; LS Means

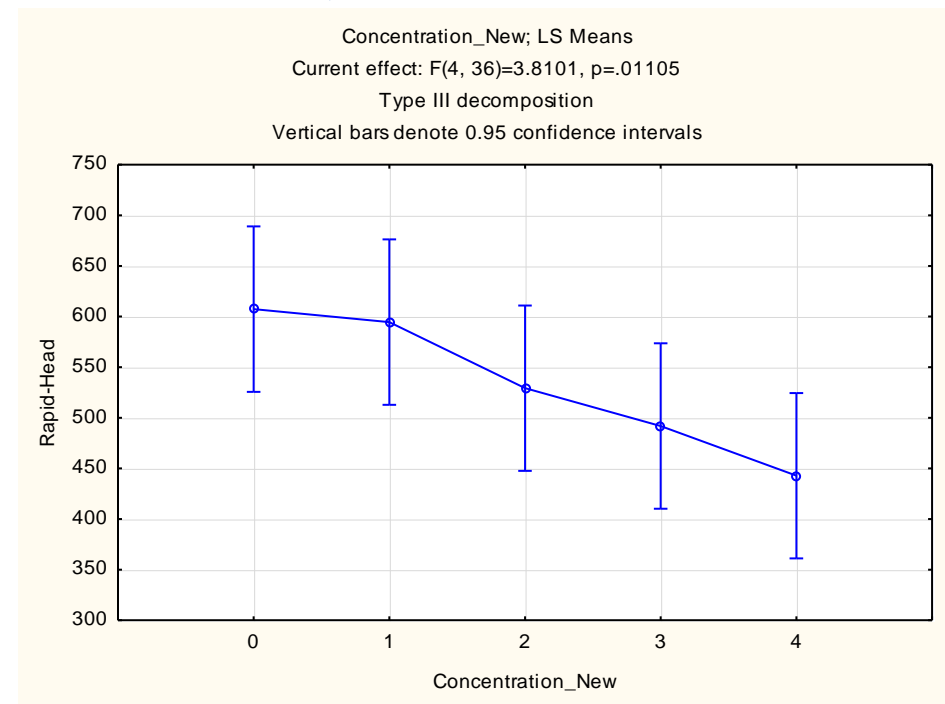


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=3.8101, p=.01105$   
 Type III decomposition

Cell No.	Concentration_New	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	0	607.3300	40.28164	525.6350	689.0250	44
2	1	594.4938	40.28164	512.7988	676.1887	44
3	2	529.2583	40.28164	447.5634	610.9533	44
4	3	491.8850	40.28164	410.1900	573.5800	44
5	4	442.8104	40.28164	361.1155	524.5054	44

### Concentration\_New; LS Means

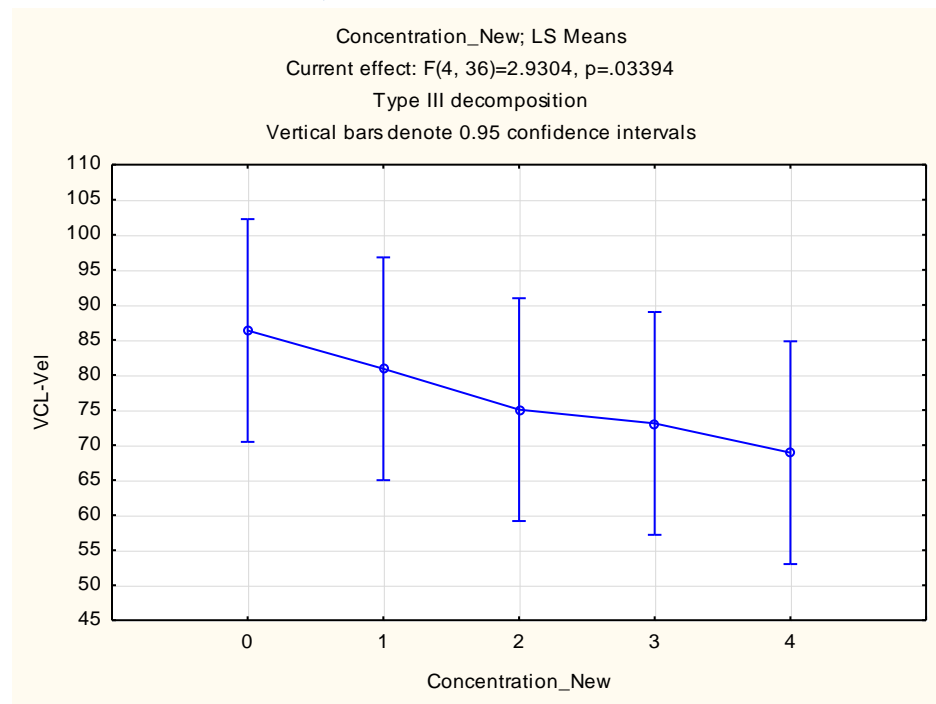


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=2.9304, p=.03394$   
 Type III decomposition

Cell No.	Concentration_New	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	0	86.34458	7.835481	70.45349	102.2357	44
2	1	80.88667	7.835481	64.99557	96.7778	44
3	2	75.05542	7.835481	59.16432	90.9465	44
4	3	73.08542	7.835481	57.19432	88.9765	44
5	4	68.91583	7.835481	53.02474	84.8069	44

### Concentration\_New; LS Means

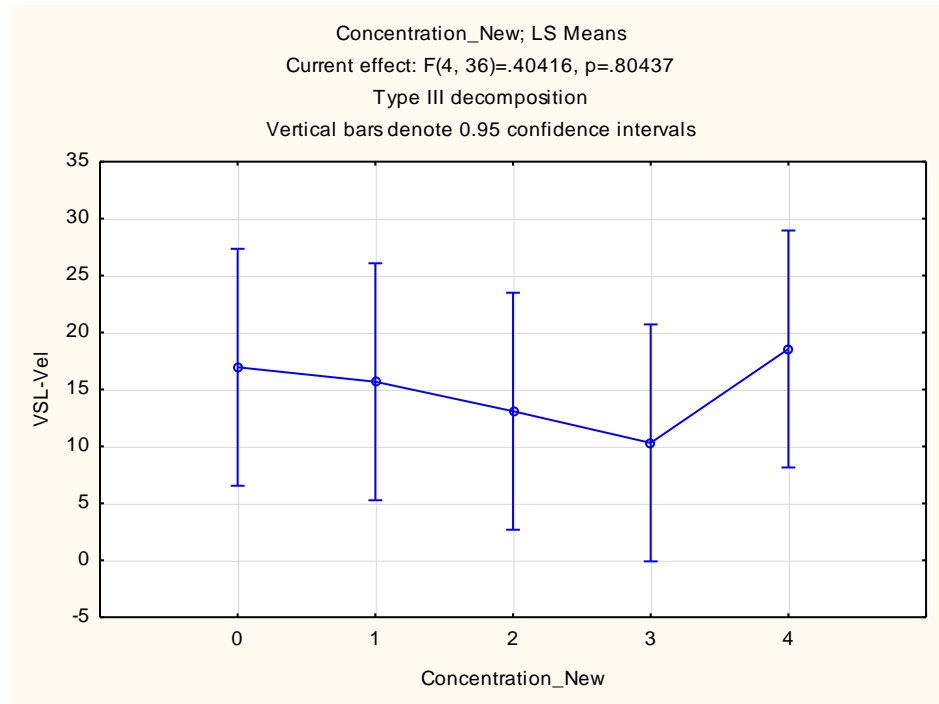


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.40416, p=.80437  
 Type III decomposition

Cell No.	Concentration_New	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	0	16.95500	5.129504	6.551883	27.35812	44
2	1	15.67750	5.129504	5.274383	26.08062	44
3	2	13.09250	5.129504	2.689383	23.49562	44
4	3	10.30750	5.129504	-0.095617	20.71062	44
5	4	18.55417	5.129504	8.151050	28.95728	44

### Concentration\_New; LS Means

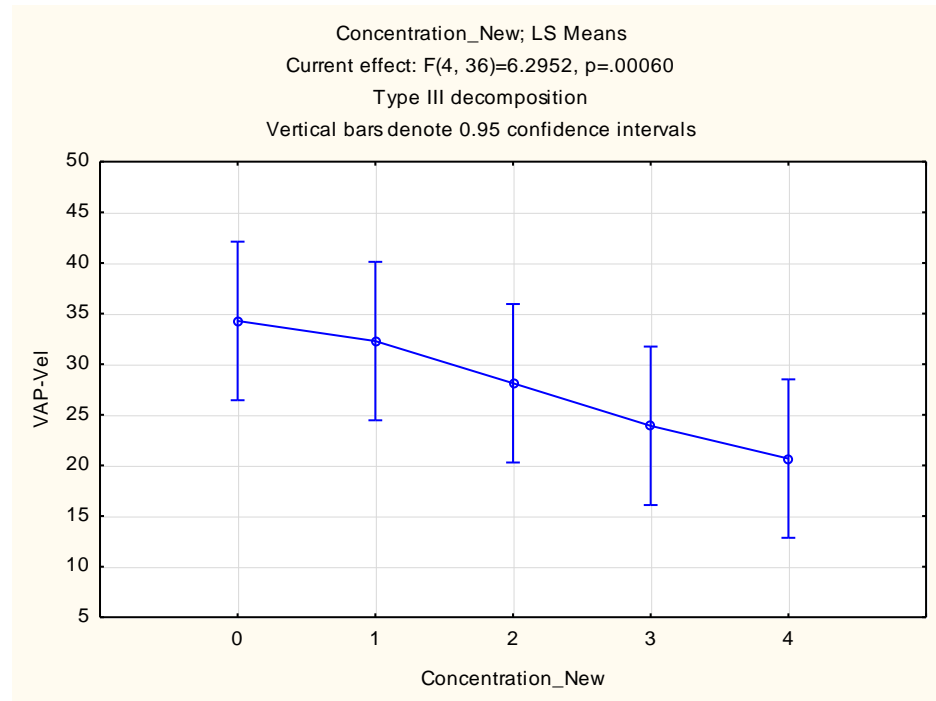


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=6.2952$ ,  $p=.00060$   
 Type III decomposition

Cell No.	Concentration_New	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	0	34.27042	3.859417	26.44316	42.09768	44
2	1	32.28042	3.859417	24.45316	40.10768	44
3	2	28.11583	3.859417	20.28857	35.94309	44
4	3	23.91417	3.859417	16.08691	31.74143	44
5	4	20.67583	3.859417	12.84857	28.50309	44

### Concentration\_New; LS Means



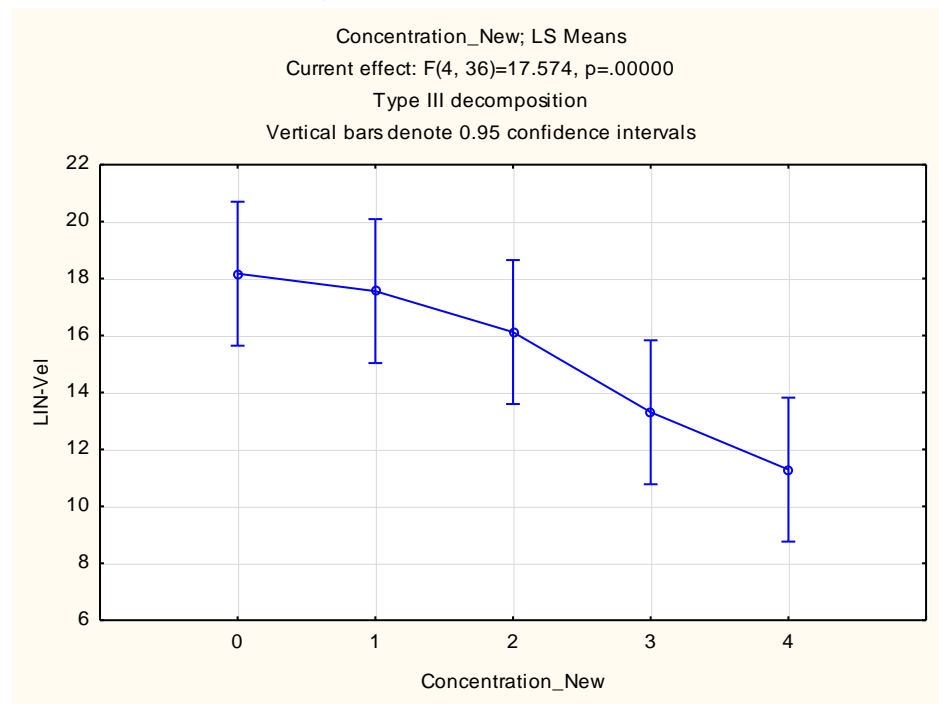
### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=17.574, p=.00000$   
 Type III decomposition

Cell No.	Concentration_New	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	0	18.17333	1.246641	15.64503	20.70164	44
2	1	17.56000	1.246641	15.03170	20.08830	44
3	2	16.12167	1.246641	13.59336	18.64997	44
4	3	13.30542	1.246641	10.77711	15.83372	44
5	4	11.29208	1.246641	8.76378	13.82039	44



### Concentration\_New; LS Means

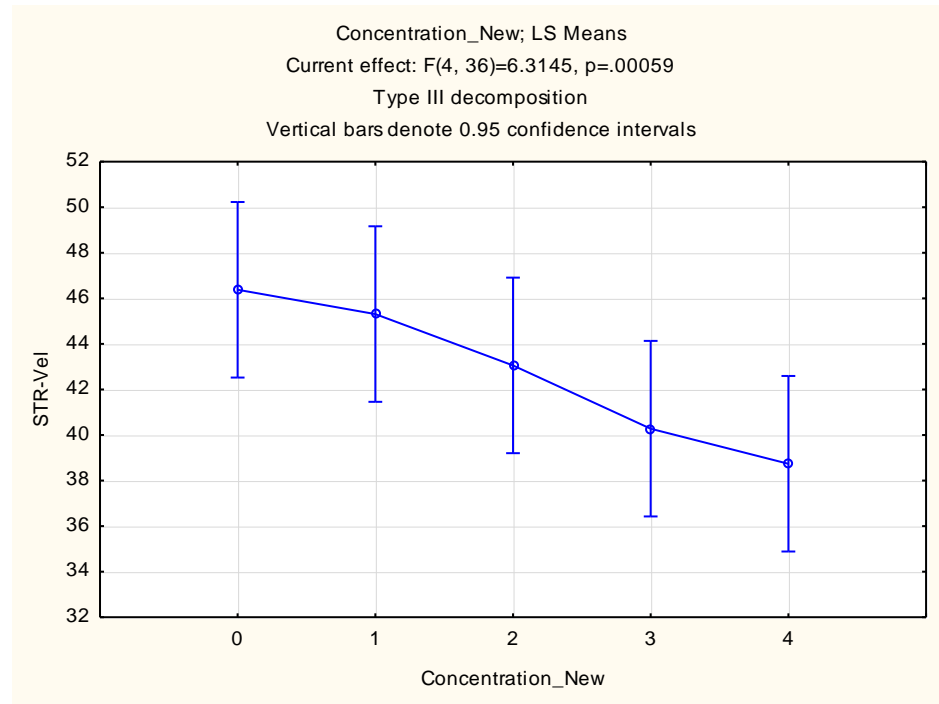


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=6.3145, p=.00059$   
 Type III decomposition

Cell No.	Concentration_New	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	0	46.37750	1.899935	42.52425	50.23075	44
2	1	45.31042	1.899935	41.45717	49.16366	44
3	2	43.05542	1.899935	39.20217	46.90866	44
4	3	40.27917	1.899935	36.42592	44.13241	44
5	4	38.74083	1.899935	34.88759	42.59408	44

### Concentration\_New; LS Means

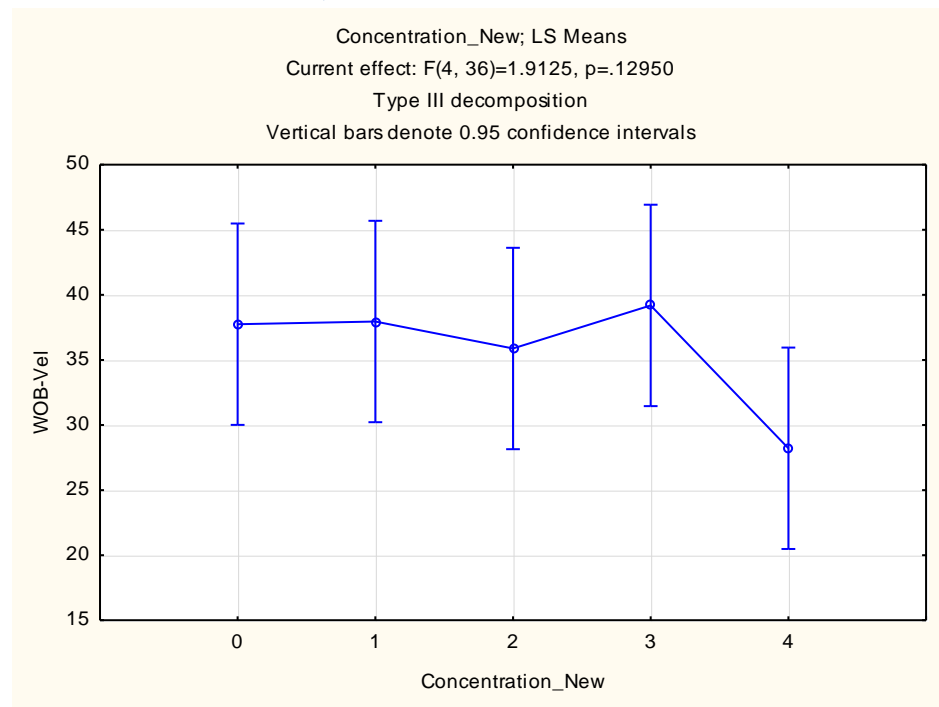


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=1.9125, p=.12950$   
 Type III decomposition

Cell No.	Concentration_New	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	0	37.74708	3.815629	30.00863	45.48554	44
2	1	37.95542	3.815629	30.21696	45.69387	44
3	2	35.87958	3.815629	28.14113	43.61804	44
4	3	39.19000	3.815629	31.45155	46.92845	44
5	4	28.21375	3.815629	20.47530	35.95220	44

### Concentration\_New; LS Means

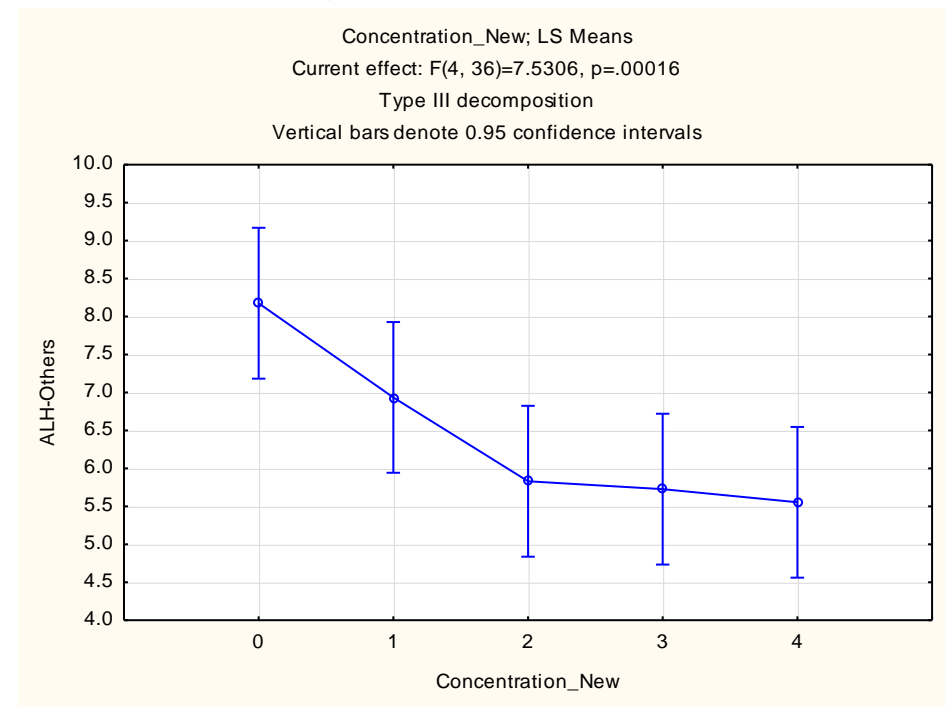


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=7.5306, p=.00016$   
 Type III decomposition

Cell No.	Concentration_New	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	0	8.175833	0.489627	7.182825	9.168842	44
2	1	6.935417	0.489627	5.942408	7.928425	44
3	2	5.830833	0.489627	4.837825	6.823842	44
4	3	5.727083	0.489627	4.734075	6.720092	44
5	4	5.554167	0.489627	4.561158	6.547175	44

### Concentration\_New; LS Means

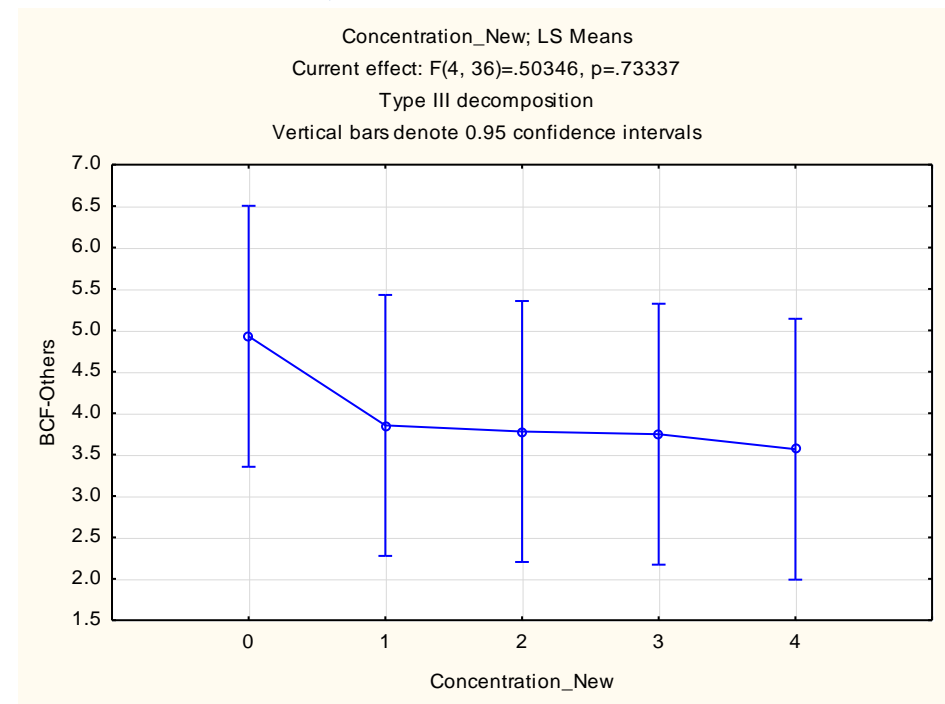


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=.50346$ ,  $p=.73337$   
 Type III decomposition

Cell No.	Concentration_New	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	0	4.928333	0.776639	3.353237	6.503429	44
2	1	3.852500	0.776639	2.277404	5.427596	44
3	2	3.779167	0.776639	2.204071	5.354263	44
4	3	3.746667	0.776639	2.171571	5.321763	44
5	4	3.565000	0.776639	1.989904	5.140096	44

### Concentration\_New; LS Means

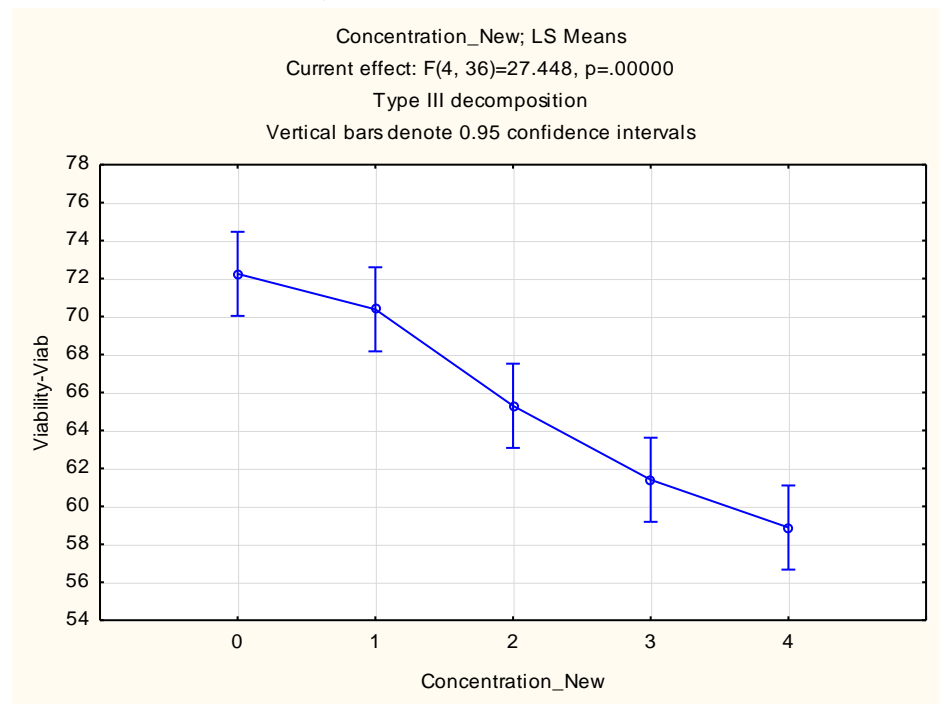


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=27.448, p=.00000$   
 Type III decomposition

Cell No.	Concentration_New	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	0	72.25000	1.092834	70.03363	74.46637	44
2	1	70.38333	1.092834	68.16696	72.59970	44
3	2	65.30000	1.092834	63.08363	67.51637	44
4	3	61.40417	1.092834	59.18780	63.62054	44
5	4	58.88750	1.092834	56.67113	61.10387	44

### Concentration\_New; LS Means

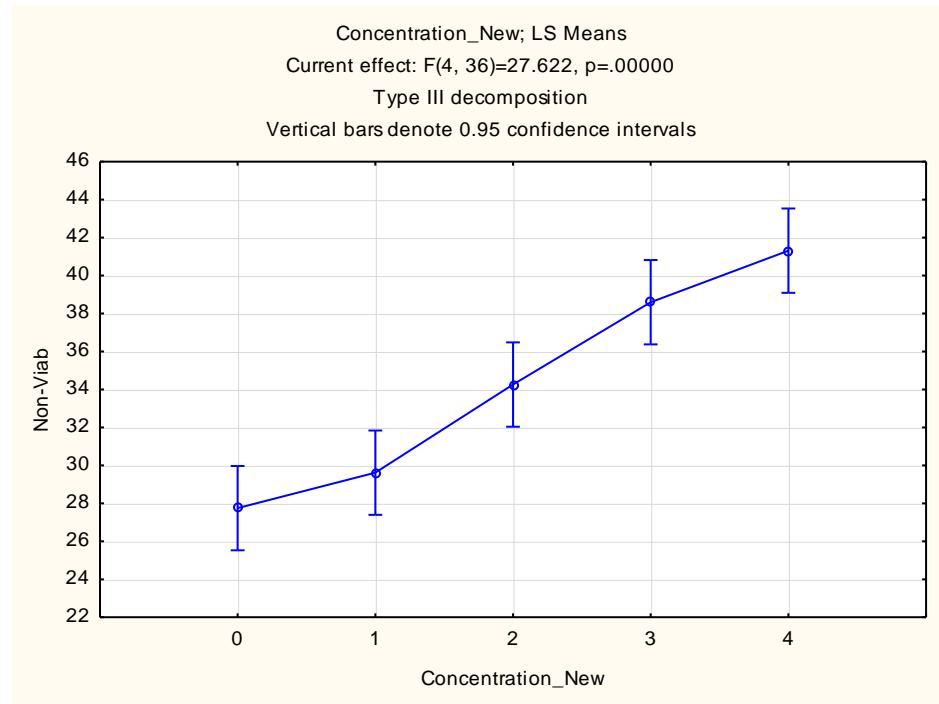


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=27.622, p=.00000$   
 Type III decomposition

Cell No.	Concentration_New	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	0	27.75000	1.094964	25.52931	29.97069	44
2	1	29.61667	1.094964	27.39598	31.83736	44
3	2	34.25833	1.094964	32.03764	36.47902	44
4	3	38.59583	1.094964	36.37514	40.81652	44
5	4	41.31250	1.094964	39.09181	43.53319	44

### Concentration\_New; LS Means

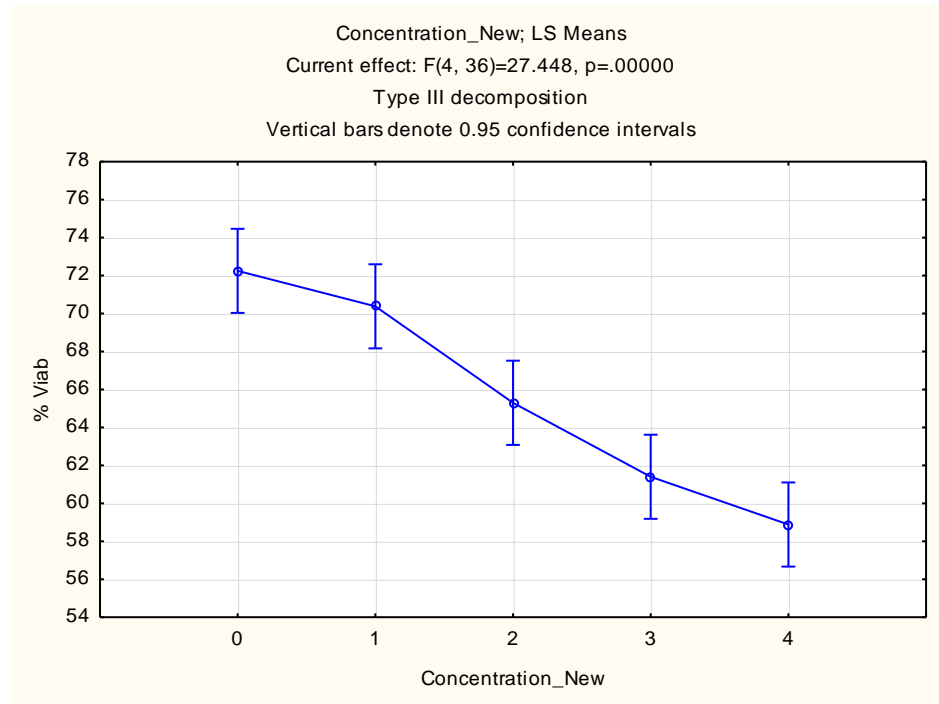


### Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(4, 36)=27.448, p=.00000$   
 Type III decomposition

Cell No.	Concentration_New	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	0	72.25000	1.092834	70.03363	74.46637	44
2	1	70.38333	1.092834	68.16696	72.59970	44
3	2	65.30000	1.092834	63.08363	67.51637	44
4	3	61.40417	1.092834	59.18780	63.62054	44
5	4	58.88750	1.092834	56.67113	61.10387	44

### Concentration\_New; LS Means



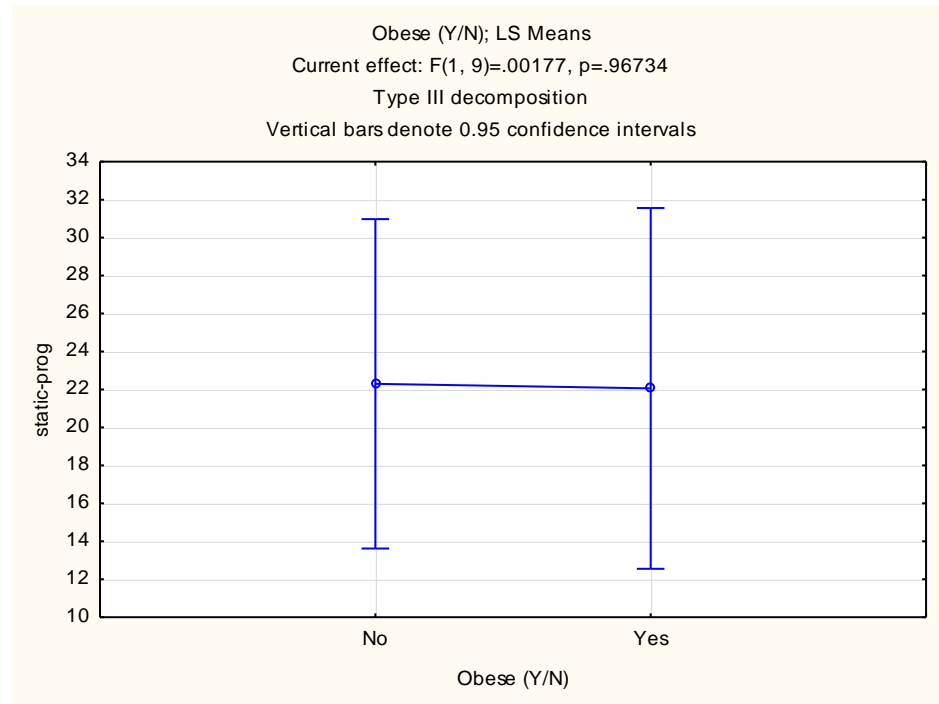
### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(1, 9)=.00177, p=.96734  
 Type III decomposition

Cell No.	Obese (Y/N)	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	No	22.29750	3.835445	13.62112	30.97388	120
2	Yes	22.05800	4.201519	12.55350	31.56250	100



### Obese (Y/N); LS Means

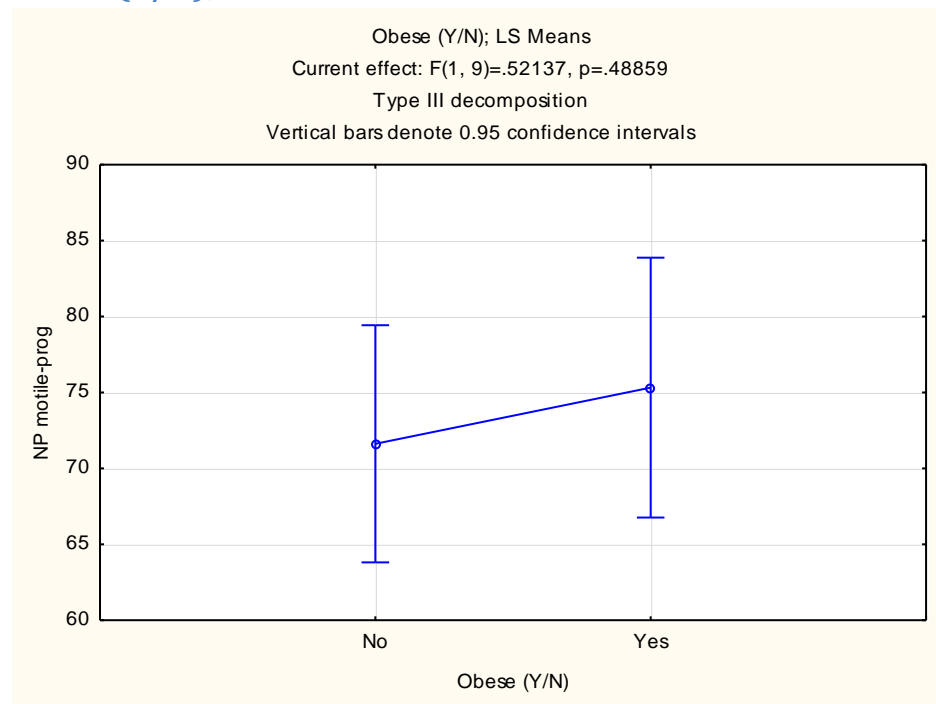


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.52137, p=.48859$   
 Type III decomposition

Cell No.	Obese (Y/N)	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	No	71.62333	3.452561	63.81310	79.43357	120
2	Yes	75.32100	3.782091	66.76532	83.87668	100

### Obese (Y/N); LS Means

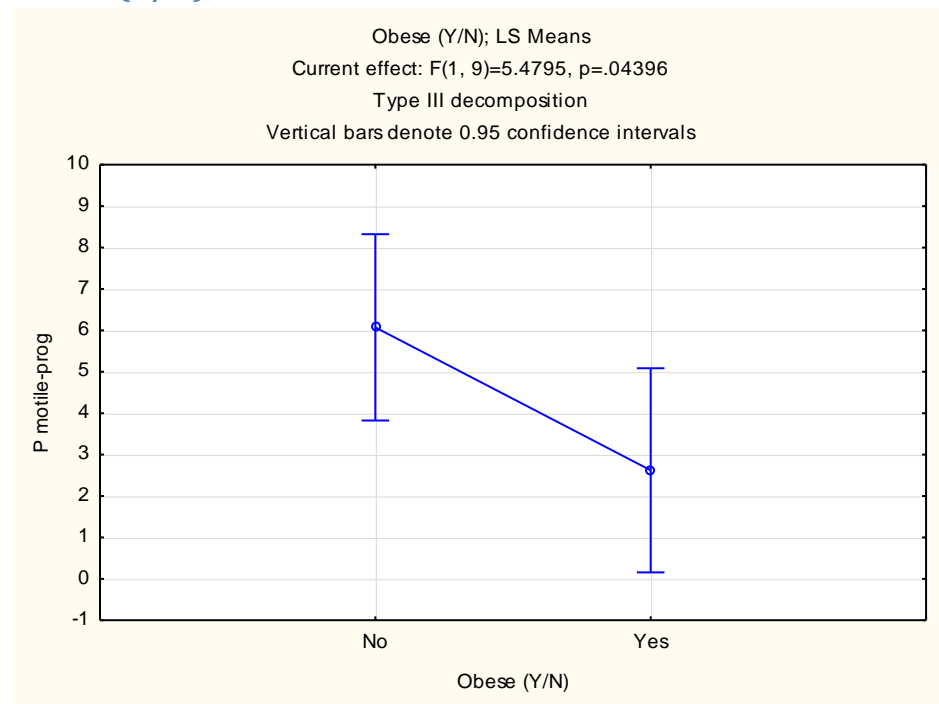


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=5.4795, p=.04396$   
 Type III decomposition

Cell No.	Obese (Y/N)	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	No	6.072500	0.994090	3.823711	8.321289	120
2	Yes	2.621000	1.088972	0.157575	5.084425	100

### Obese (Y/N); LS Means

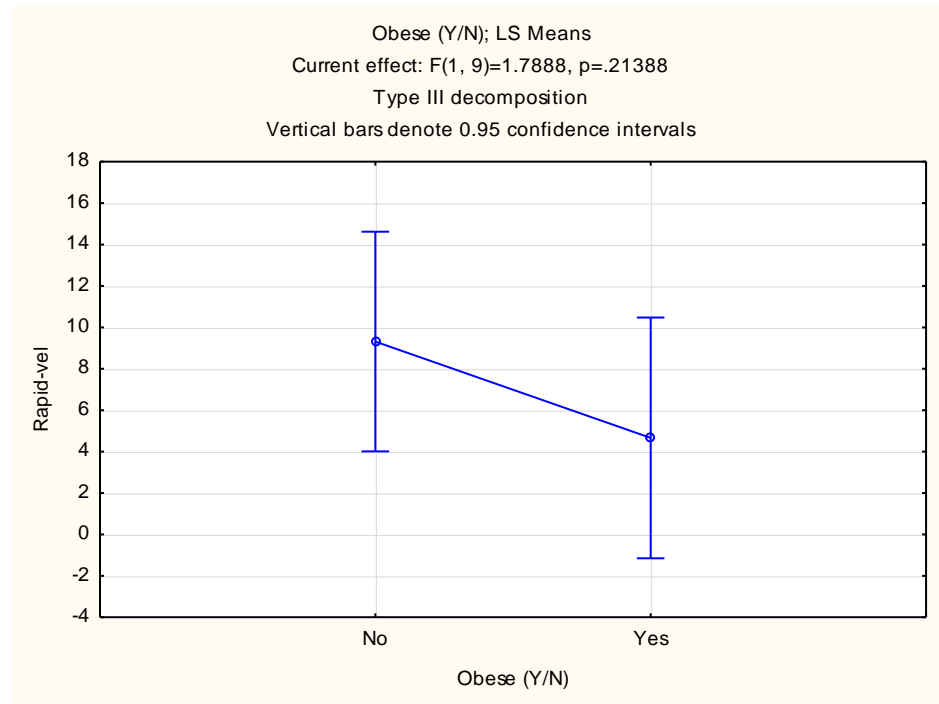


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=1.7888, p=.21388$   
 Type III decomposition

Cell No.	Obese (Y/N)	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	No	9.315000	2.345513	4.00908	14.62092	120
2	Yes	4.662000	2.569381	-1.15034	10.47434	100

### Obese (Y/N); LS Means

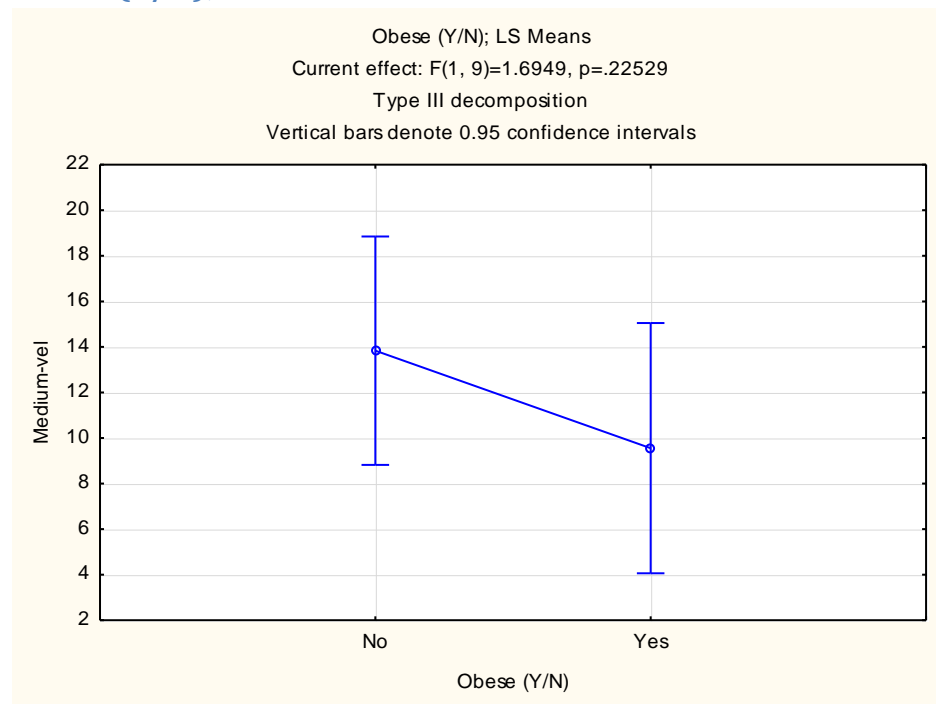


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=1.6949, p=.22529$   
 Type III decomposition

Cell No.	Obese (Y/N)	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	No	13.83667	2.216310	8.823026	18.85031	120
2	Yes	9.55700	2.427845	4.064832	15.04917	100

### Obese (Y/N); LS Means

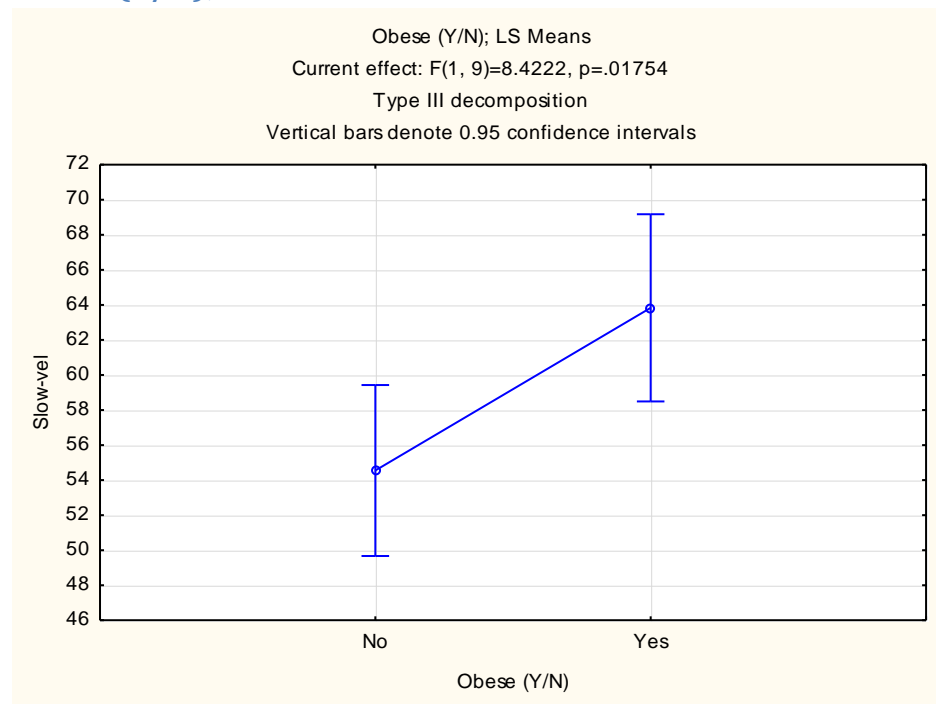


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=8.4222$ ,  $p=.01754$   
 Type III decomposition

Cell No.	Obese (Y/N)	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	No	54.54917	2.156072	49.67179	59.42654	120
2	Yes	63.83000	2.361858	58.48711	69.17289	100

### Obese (Y/N); LS Means

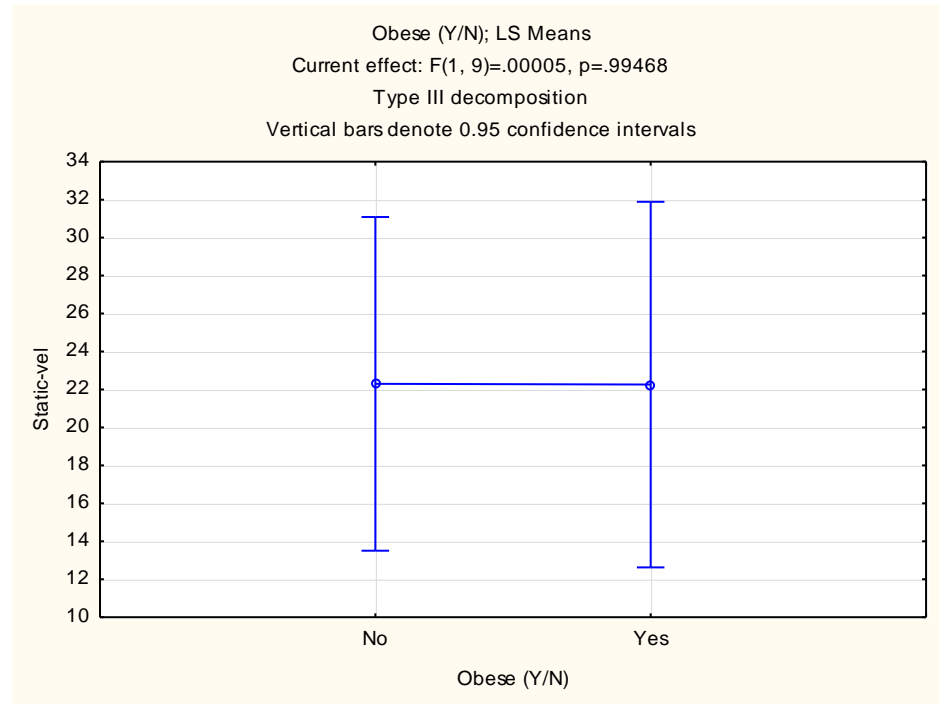


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.00005, p=.99468$   
 Type III decomposition

Cell No.	Obese (Y/N)	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	No	22.29750	3.886487	13.50566	31.08934	120
2	Yes	22.25800	4.257433	12.62702	31.88898	100

### Obese (Y/N); LS Means

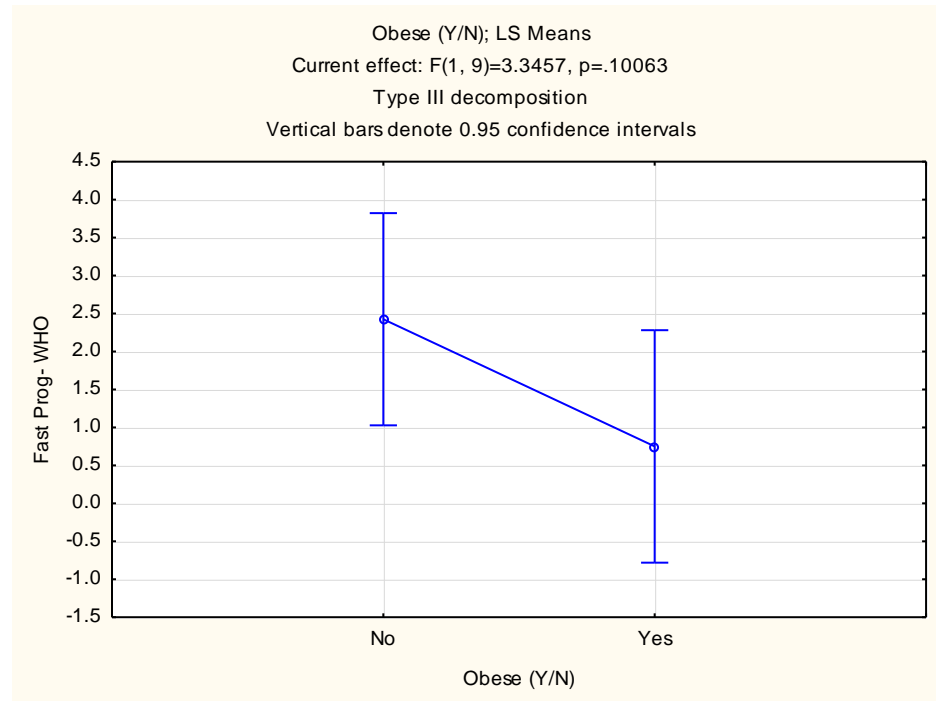


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=3.3457, p=.10063$   
 Type III decomposition

Cell No.	Obese (Y/N)	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	No	2.425833	0.617695	1.028509	3.823157	120
2	Yes	0.750000	0.676651	-0.780692	2.280692	100

### Obese (Y/N); LS Means



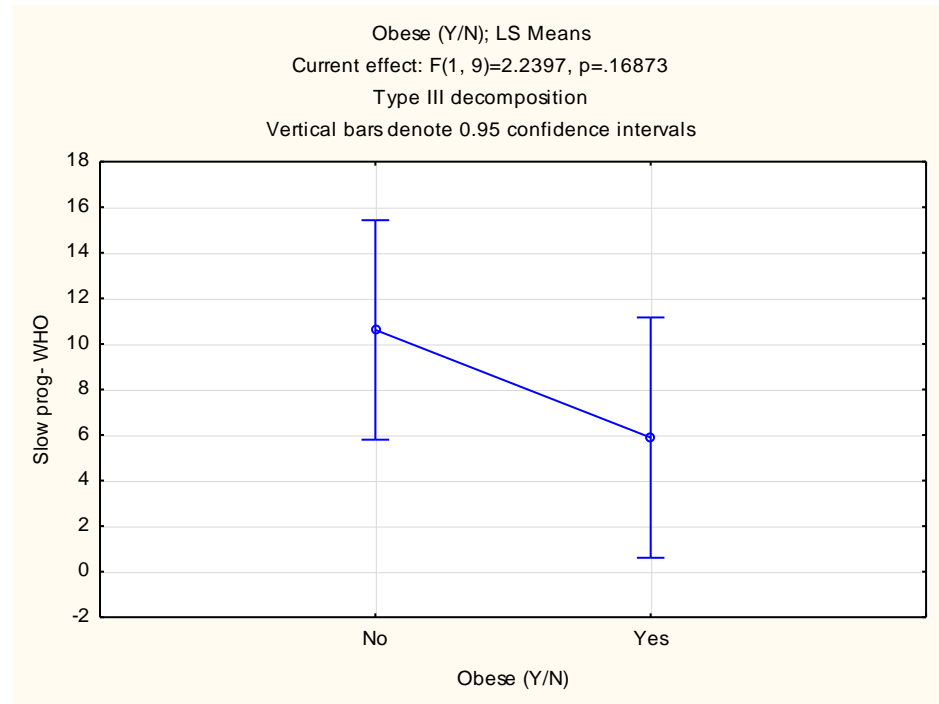
### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=2.2397, p=.16873$   
 Type III decomposition

Cell No.	Obese (Y/N)	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	No	10.61417	2.129595	5.796688	15.43165	120
2	Yes	5.88700	2.332855	0.609716	11.16428	100



### Obese (Y/N); LS Means

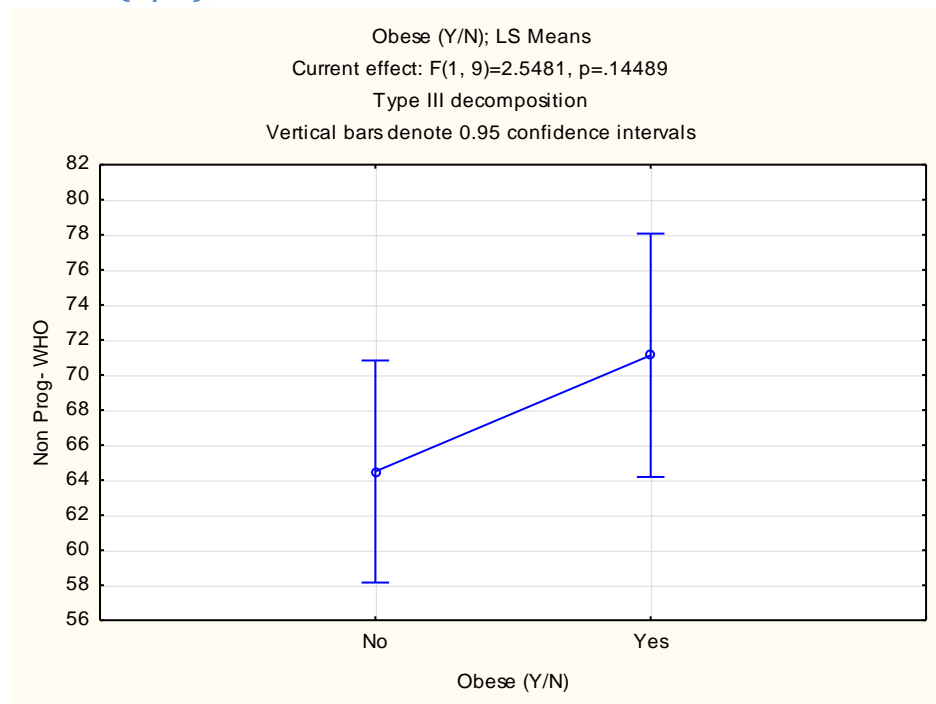


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=2.5481, p=.14489$   
 Type III decomposition

Cell No.	Obese (Y/N)	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	No	64.49083	2.801971	58.15234	70.82933	120
2	Yes	71.12500	3.069405	64.18152	78.06848	100

### Obese (Y/N); LS Means

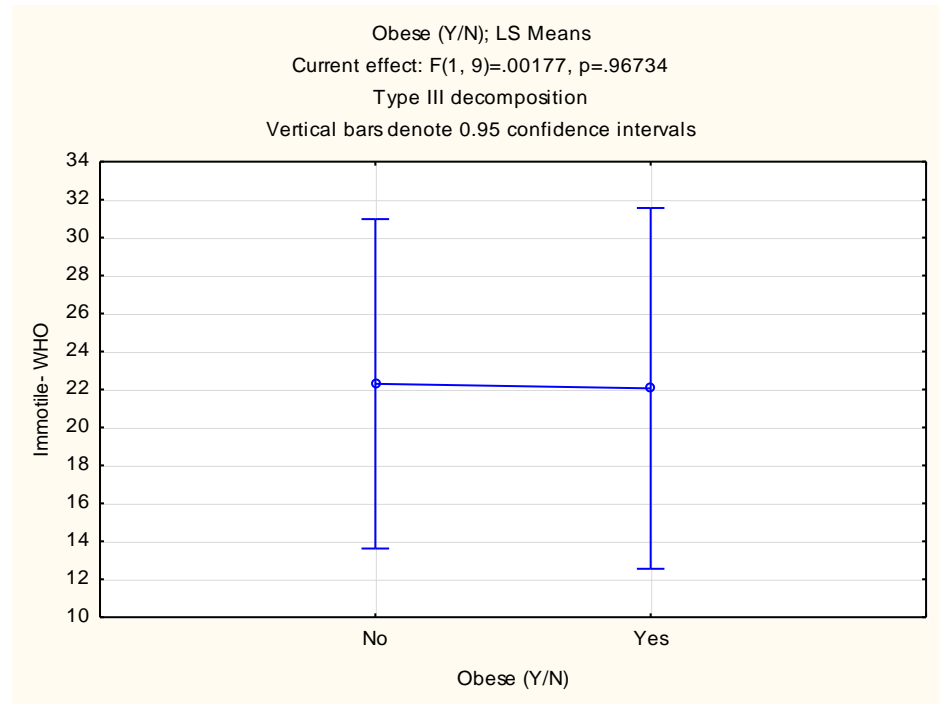


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.00177, p=.96734$   
 Type III decomposition

Cell No.	Obese (Y/N)	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	No	22.29750	3.835445	13.62112	30.97388	120
2	Yes	22.05800	4.201519	12.55350	31.56250	100

### Obese (Y/N); LS Means

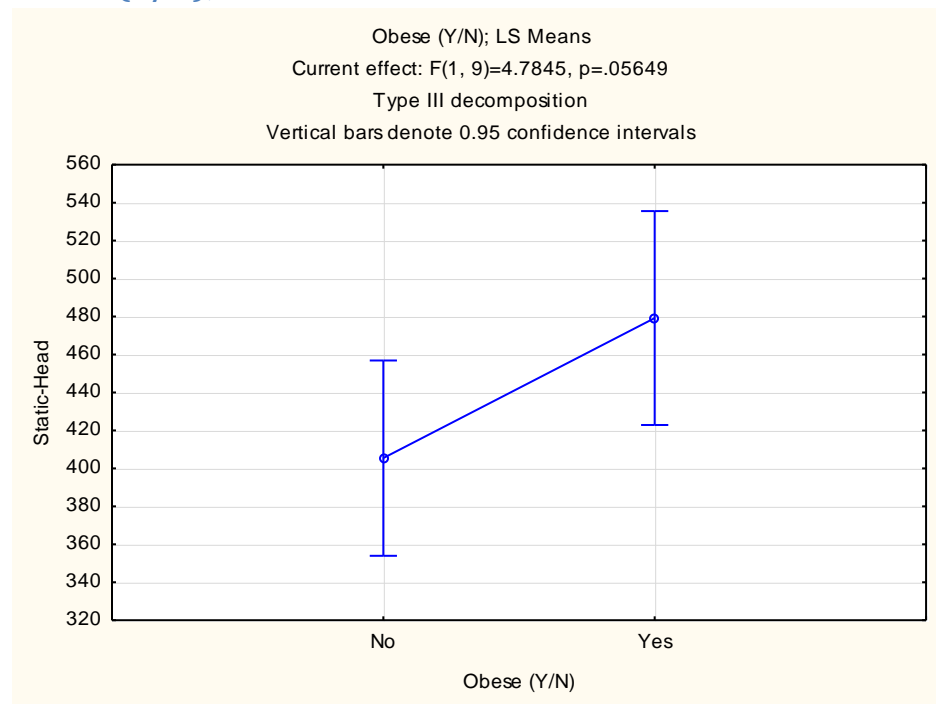


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=4.7845, p=.05649$   
 Type III decomposition

Cell No.	Obese (Y/N)	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	No	405.4300	22.73584	353.9980	456.8620	120
2	Yes	479.1930	24.90586	422.8520	535.5340	100

### Obese (Y/N); LS Means

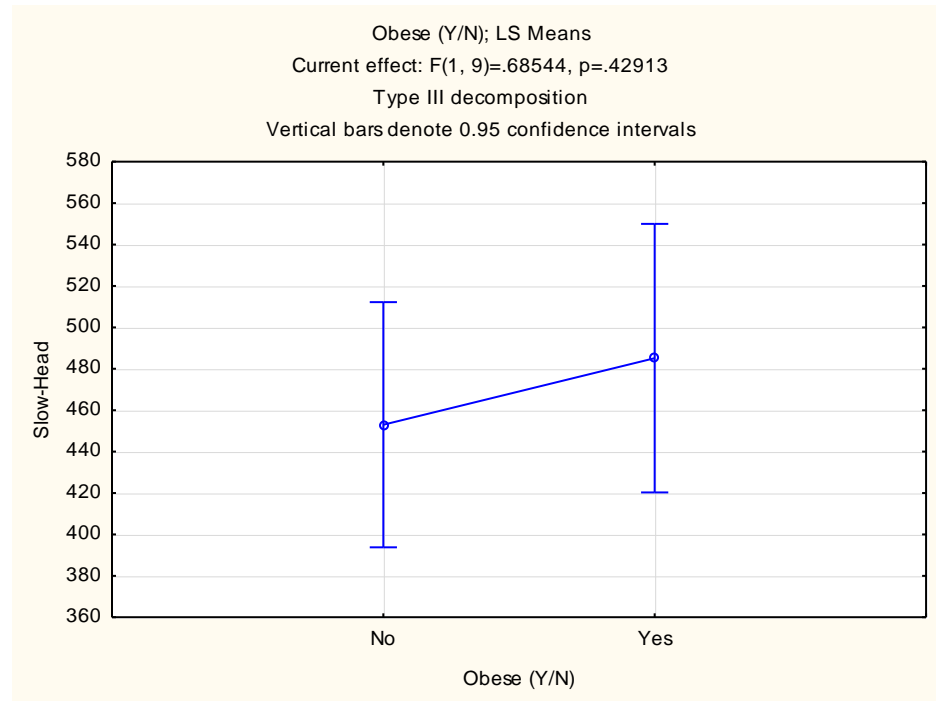


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.68544, p=.42913$   
 Type III decomposition

Cell No.	Obese (Y/N)	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	No	453.0033	26.16676	393.8100	512.1967	120
2	Yes	485.1360	28.66425	420.2930	549.9790	100

### Obese (Y/N); LS Means

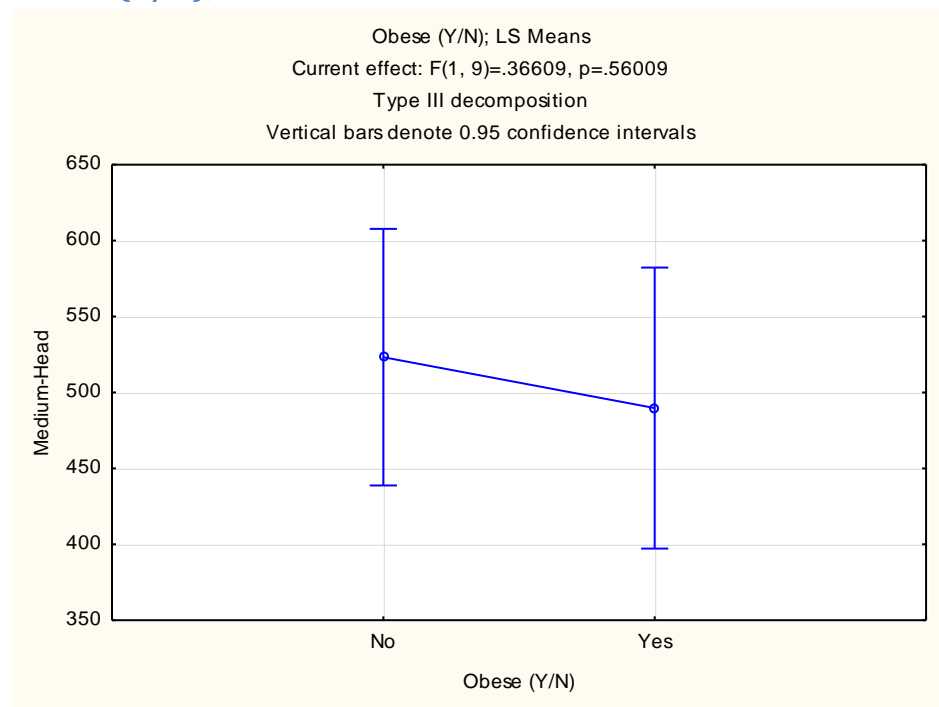


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.36609, p=.56009$   
 Type III decomposition

Cell No.	Obese (Y/N)	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	No	523.2742	37.34090	438.8032	607.7451	120
2	Yes	489.7630	40.90490	397.2297	582.2963	100

### Obese (Y/N); LS Means

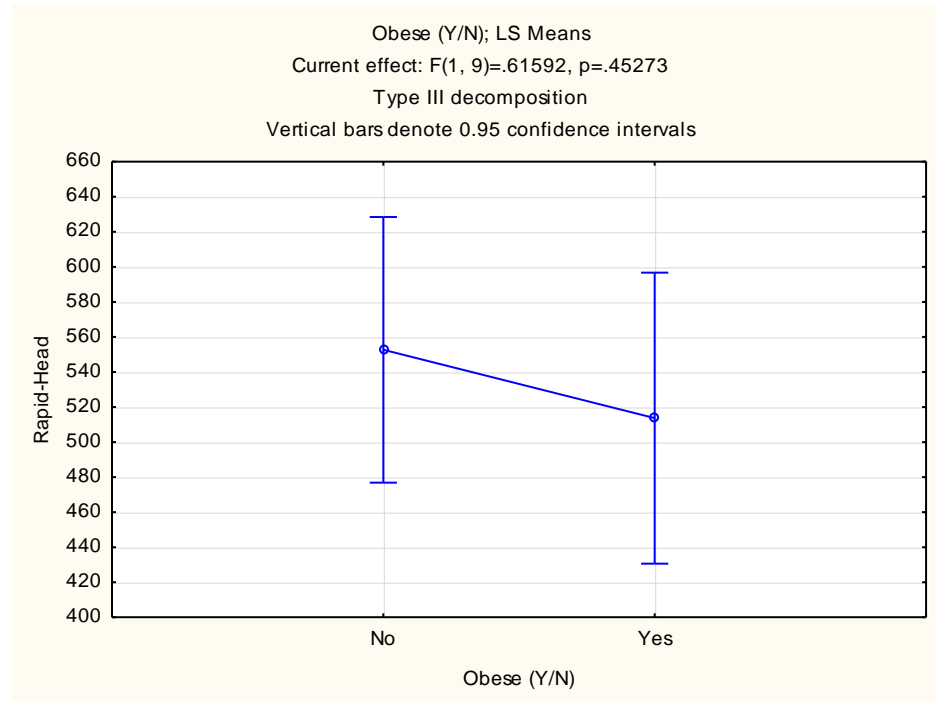


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.61592, p=.45273$   
 Type III decomposition

Cell No.	Obese (Y/N)	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	No	552.6600	33.51129	476.8522	628.4678	120
2	Yes	513.6510	36.70978	430.6077	596.6943	100

### Obese (Y/N); LS Means

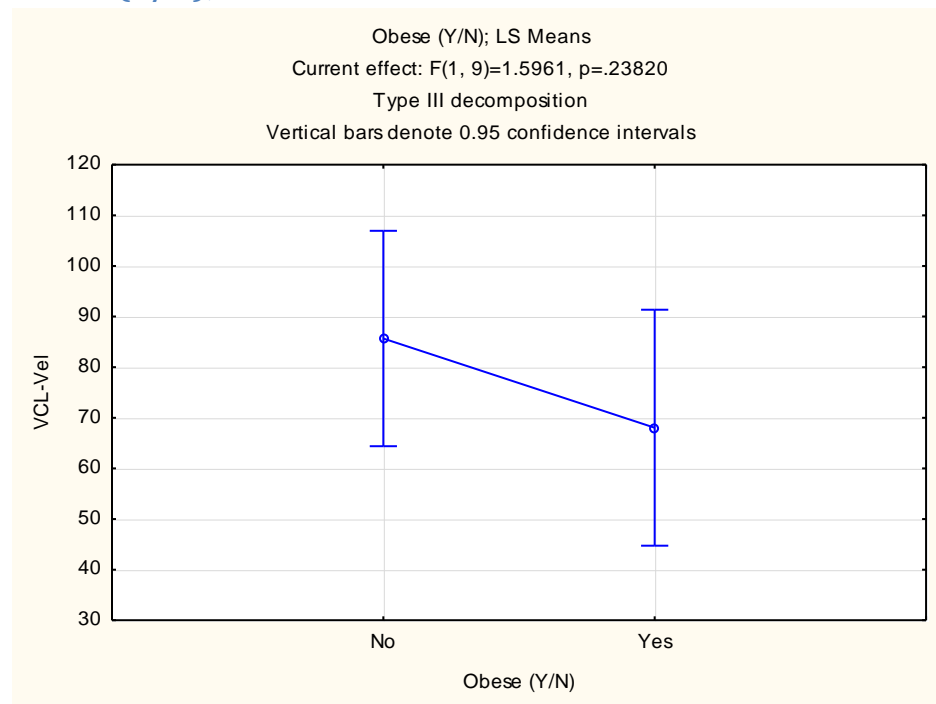


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=1.5961, p=.23820$   
 Type III decomposition

Cell No.	Obese (Y/N)	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	No	85.66917	9.40470	64.39427	106.9441	120
2	Yes	68.04600	10.30233	44.74051	91.3515	100

### Obese (Y/N); LS Means



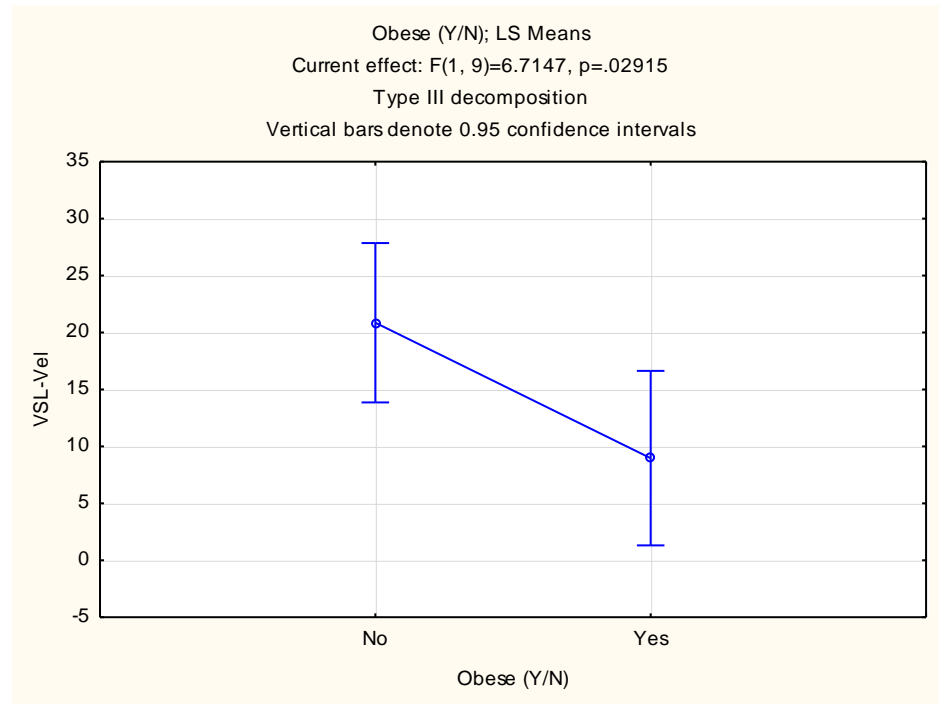
### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=6.7147, p=.02915$   
 Type III decomposition

Cell No.	Obese (Y/N)	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	No	20.86167	3.093207	13.86435	27.85899	120
2	Yes	8.97300	3.388439	1.30782	16.63818	100



### Obese (Y/N); LS Means

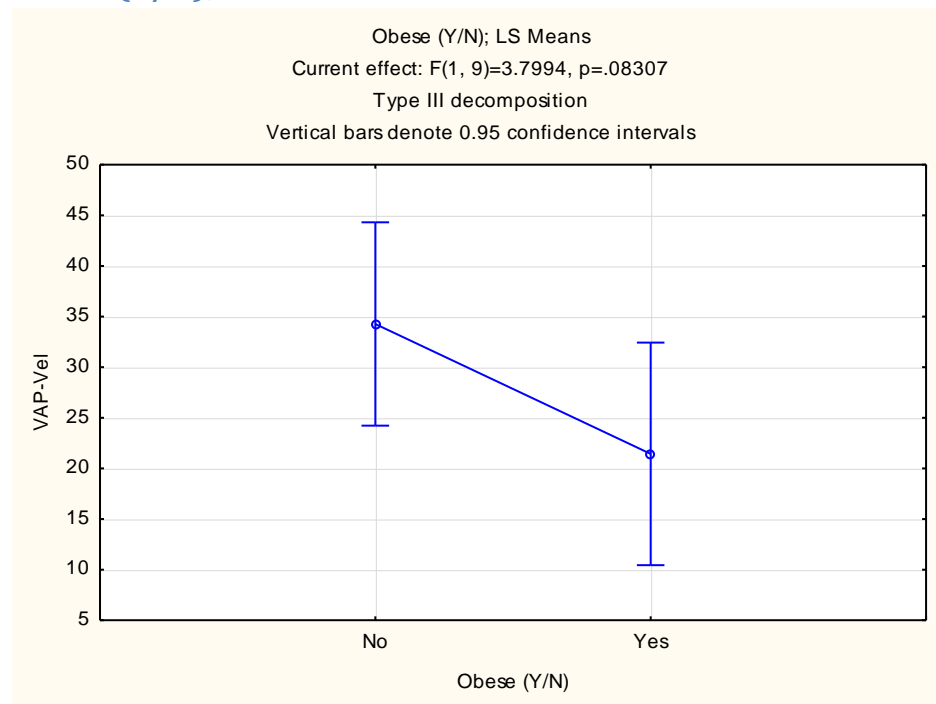


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=3.7994, p=.08307$   
 Type III decomposition

Cell No.	Obese (Y/N)	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	No	34.26667	4.437915	24.22741	44.30593	120
2	Yes	21.43600	4.861492	10.43854	32.43346	100

### Obese (Y/N); LS Means

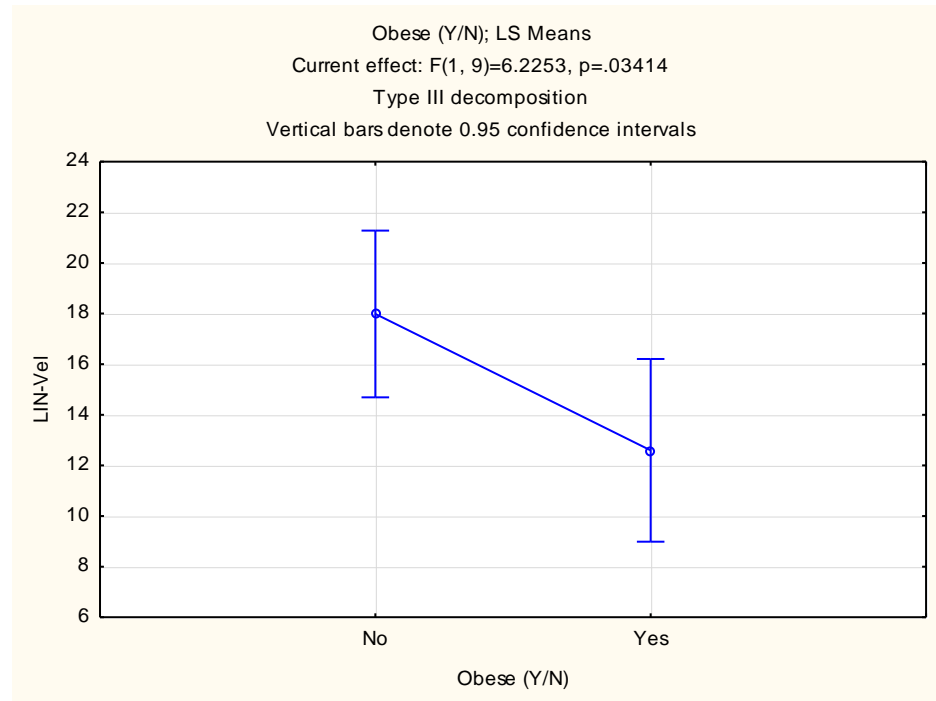


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=6.2253, p=.03414$   
 Type III decomposition

Cell No.	Obese (Y/N)	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	No	17.98500	1.456190	14.69087	21.27913	120
2	Yes	12.59600	1.595176	8.98746	16.20454	100

### Obese (Y/N); LS Means

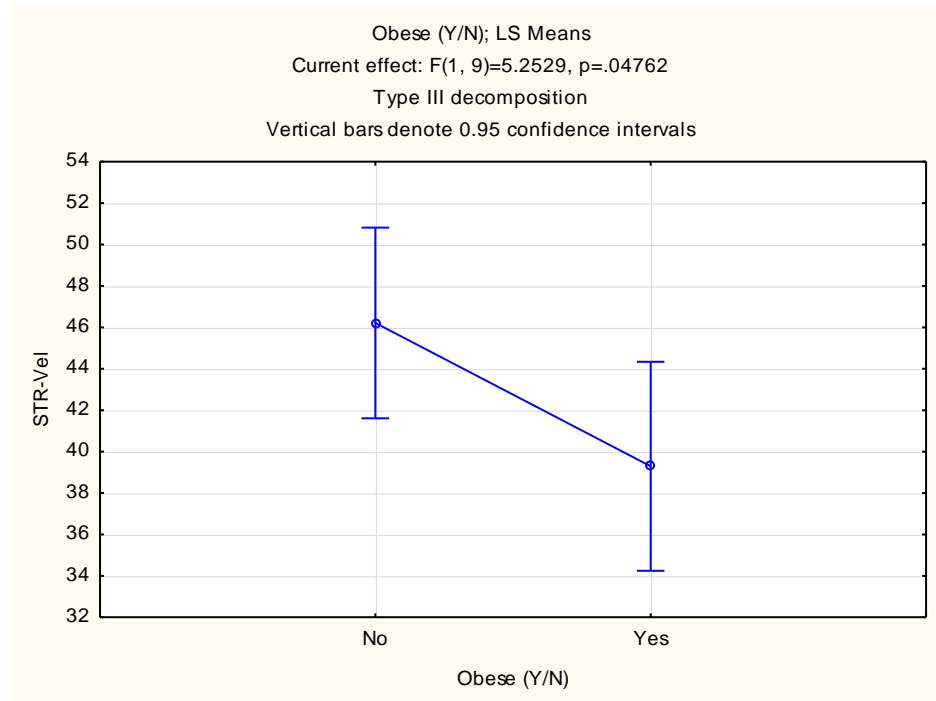


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=5.2529, p=.04762$   
 Type III decomposition

Cell No.	Obese (Y/N)	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	No	46.21333	2.036007	41.60757	50.81910	120
2	Yes	39.29200	2.230334	34.24663	44.33737	100

### Obese (Y/N); LS Means

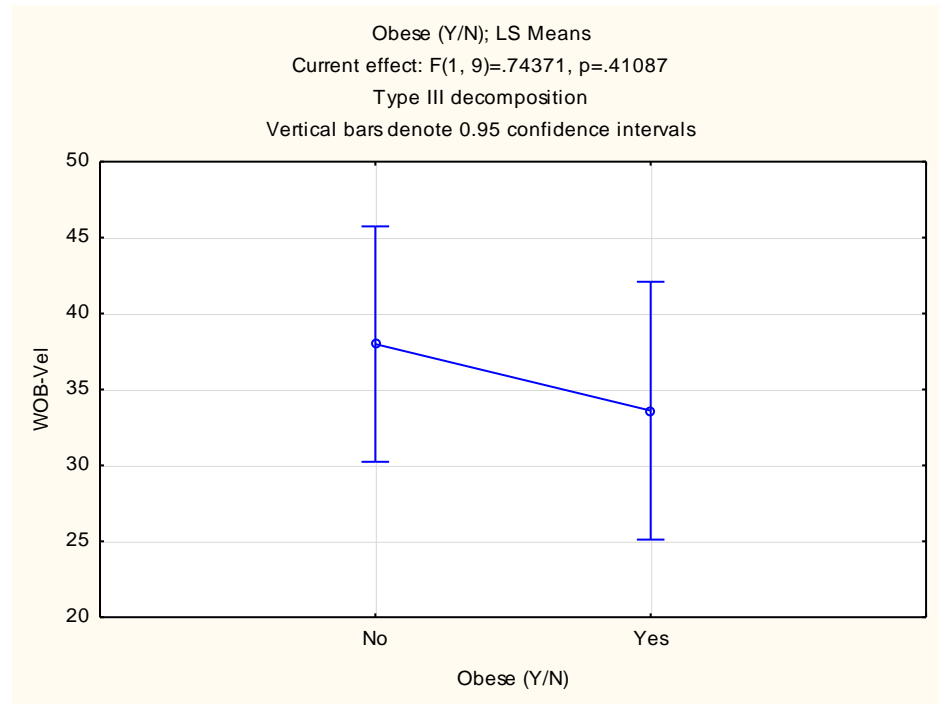


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=.74371, p=.41087$   
 Type III decomposition

Cell No.	Obese (Y/N)	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	No	37.98833	3.426043	30.23809	45.73858	120
2	Yes	33.60600	3.753042	25.11603	42.09597	100

### Obese (Y/N); LS Means

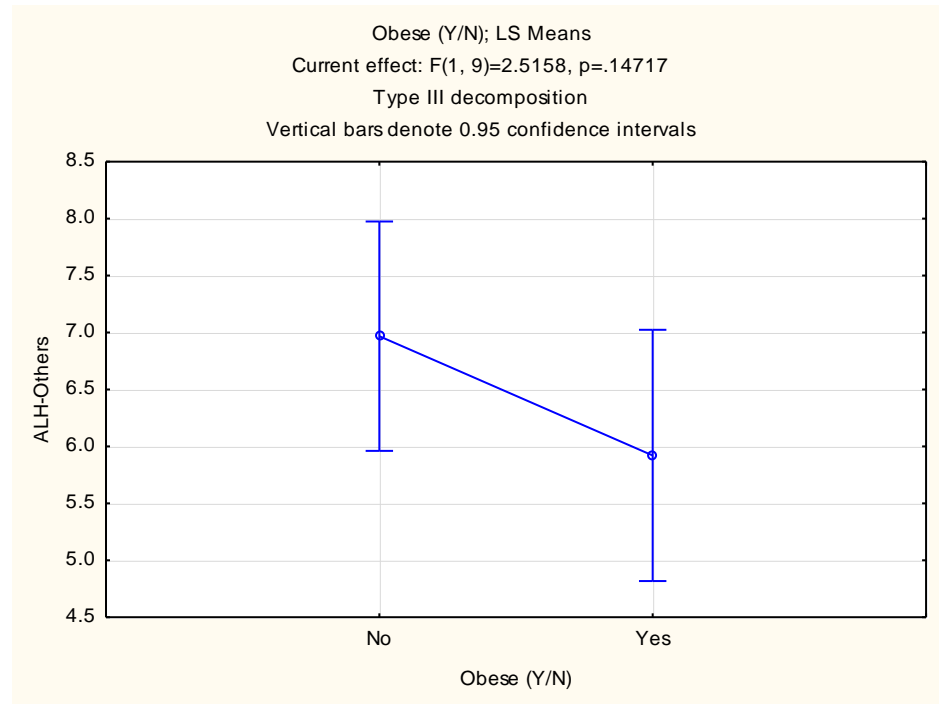


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=2.5158, p=.14717$   
 Type III decomposition

Cell No.	Obese (Y/N)	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	No	6.968333	0.445180	5.961266	7.975400	120
2	Yes	5.921000	0.487670	4.817813	7.024187	100

### Obese (Y/N); LS Means

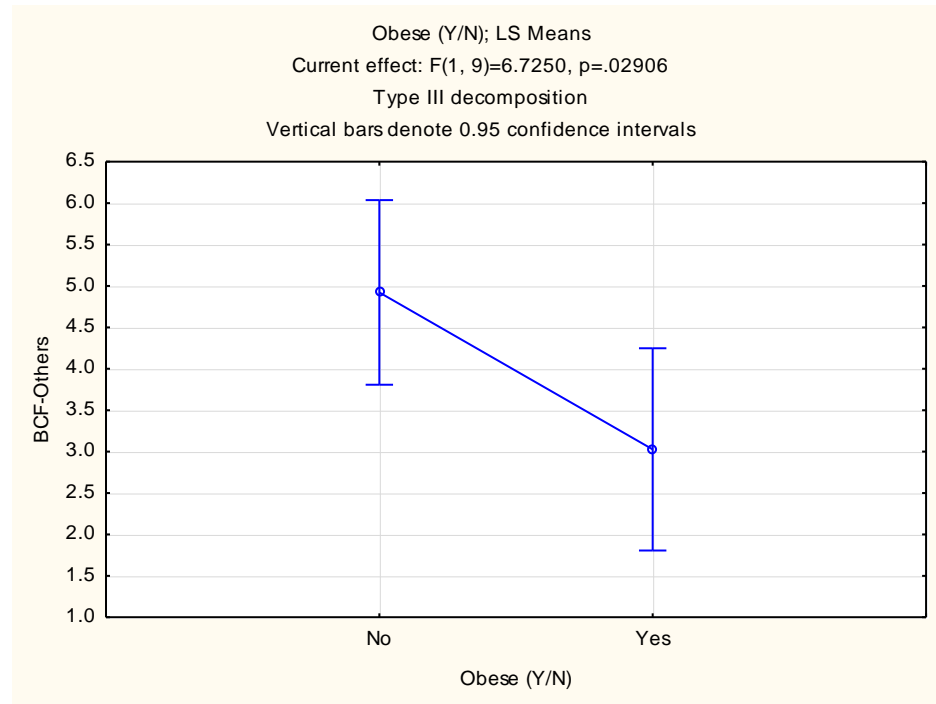


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=6.7250, p=.02906$   
 Type III decomposition

Cell No.	Obese (Y/N)	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	No	4.921667	0.492578	3.807379	6.035955	120
2	Yes	3.027000	0.539592	1.806358	4.247642	100

### Obese (Y/N); LS Means

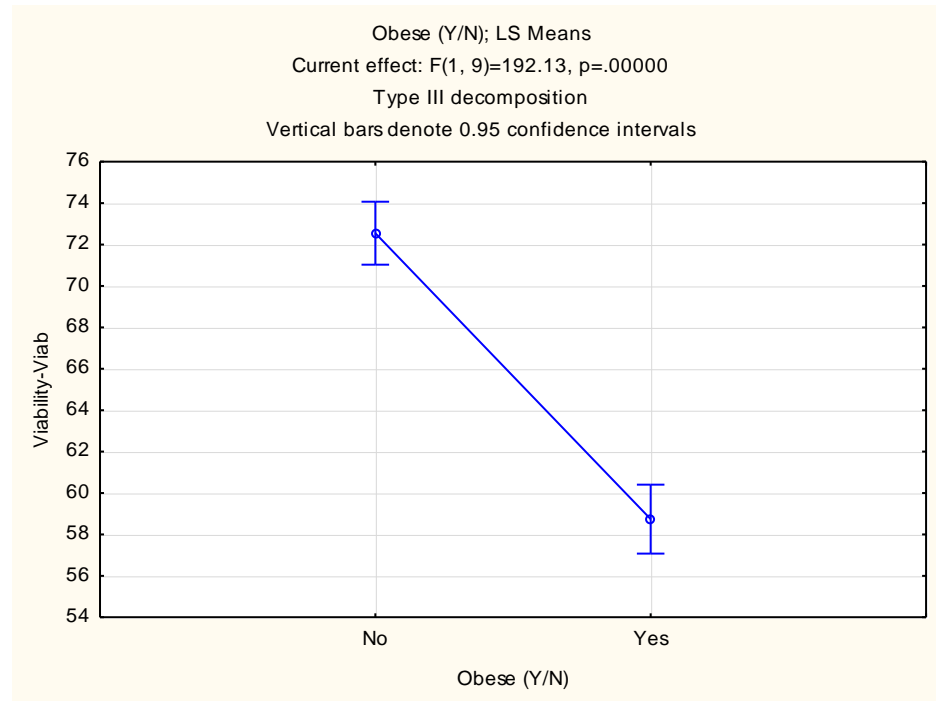


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=192.13, p=.00000$   
 Type III decomposition

Cell No.	Obese (Y/N)	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	No	72.55000	0.671715	71.03048	74.06952	120
2	Yes	58.74000	0.735827	57.07544	60.40456	100

### Obese (Y/N); LS Means



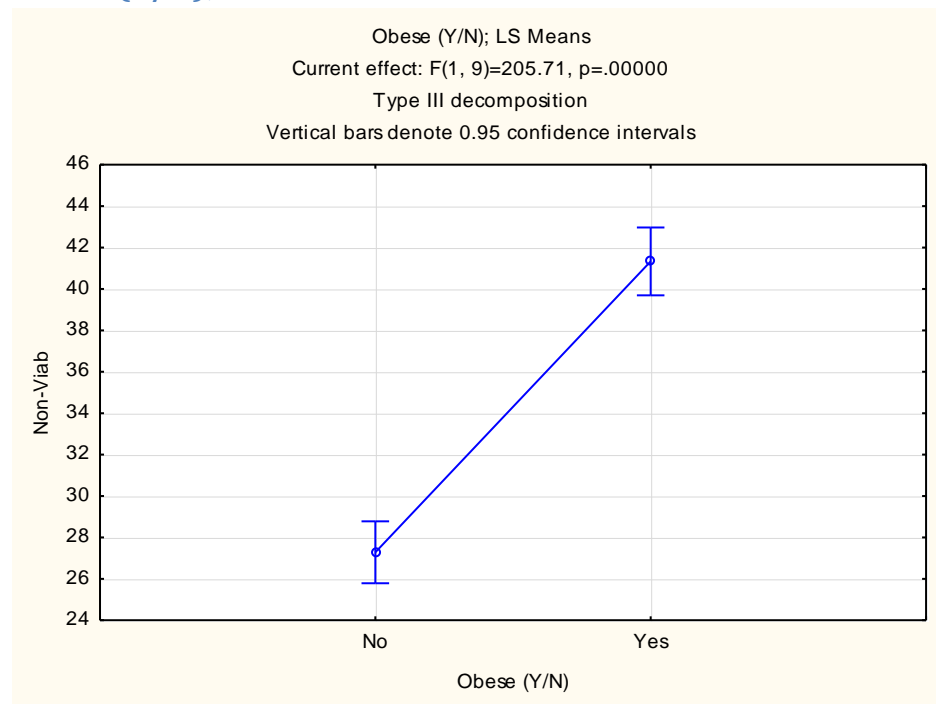
### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(1, 9)=205.71, p=.00000  
 Type III decomposition

Cell No.	Obese (Y/N)	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	No	27.28333	0.660288	25.78966	28.77701	120
2	Yes	41.33000	0.723310	39.69376	42.96624	100



### Obese (Y/N); LS Means

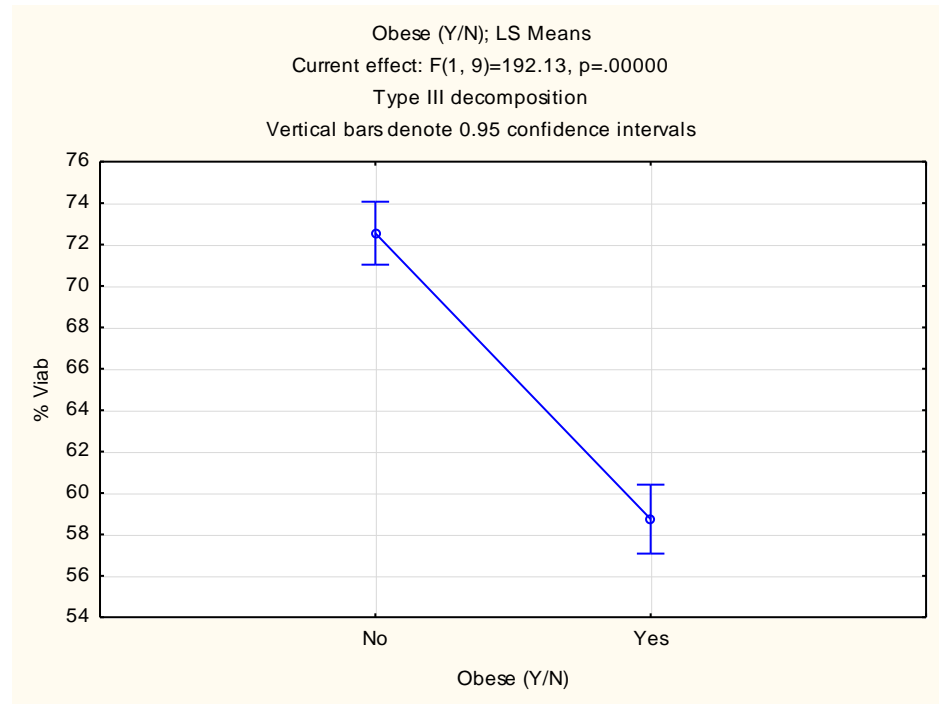


### Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(1, 9)=192.13, p=.00000$   
 Type III decomposition

Cell No.	Obese (Y/N)	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	No	72.55000	0.671715	71.03048	74.06952	120
2	Yes	58.74000	0.735827	57.07544	60.40456	100

### Obese (Y/N); LS Means

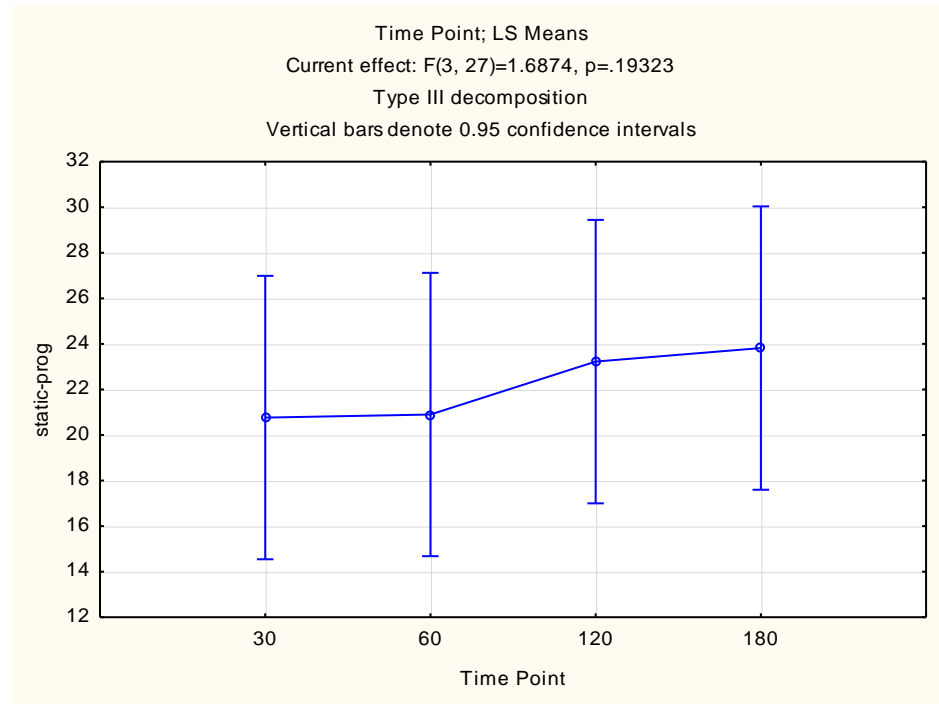


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.6874, p=.19323$   
 Type III decomposition

Cell No.	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	30	20.76733	3.031342	14.54753	26.98713	55
2	60	20.90000	3.031342	14.68020	27.11980	55
3	120	23.22400	3.031342	17.00420	29.44380	55
4	180	23.81967	3.031342	17.59987	30.03947	55

### Time Point; LS Means

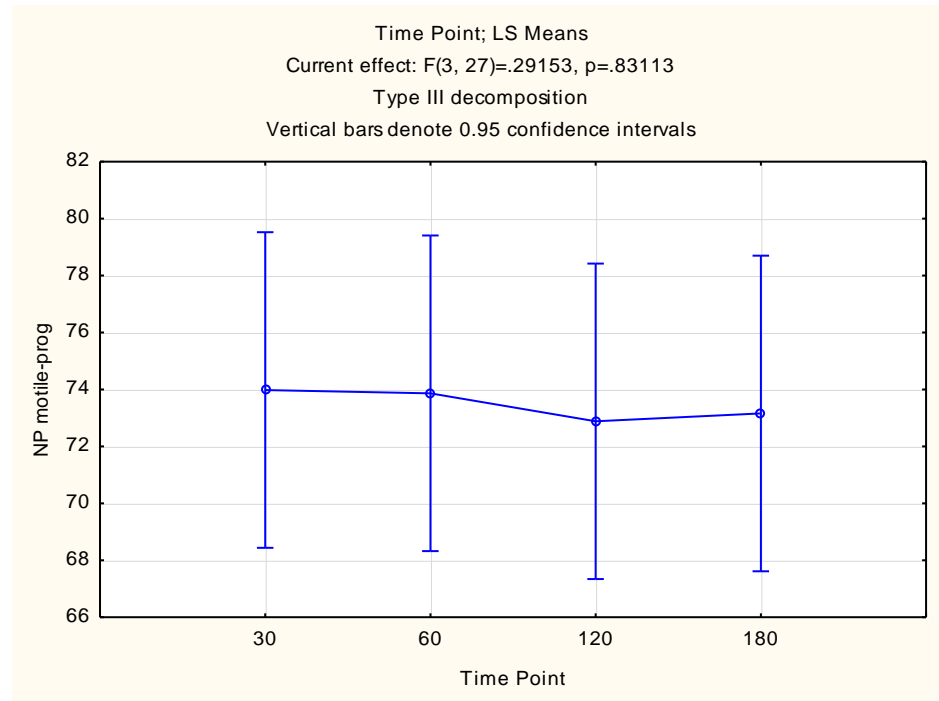


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=.29153, p=.83113$   
 Type III decomposition

Cell No.	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	30	73.98200	2.700893	68.44023	79.52377	55
2	60	73.86600	2.700893	68.32423	79.40777	55
3	120	72.88233	2.700893	67.34056	78.42411	55
4	180	73.15833	2.700893	67.61656	78.70011	55

### Time Point; LS Means

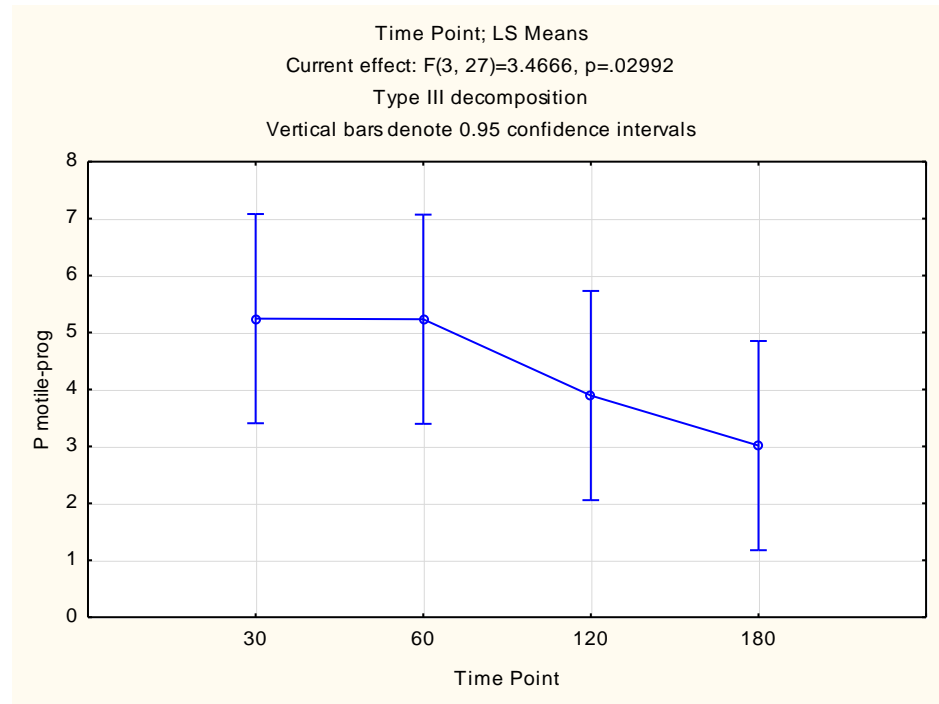


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.4666, p=.02992$   
 Type III decomposition

Cell No.	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	30	5.244667	0.895139	3.407993	7.081341	55
2	60	5.234333	0.895139	3.397659	7.071007	55
3	120	3.893333	0.895139	2.056659	5.730007	55
4	180	3.014667	0.895139	1.177993	4.851341	55

### Time Point; LS Means

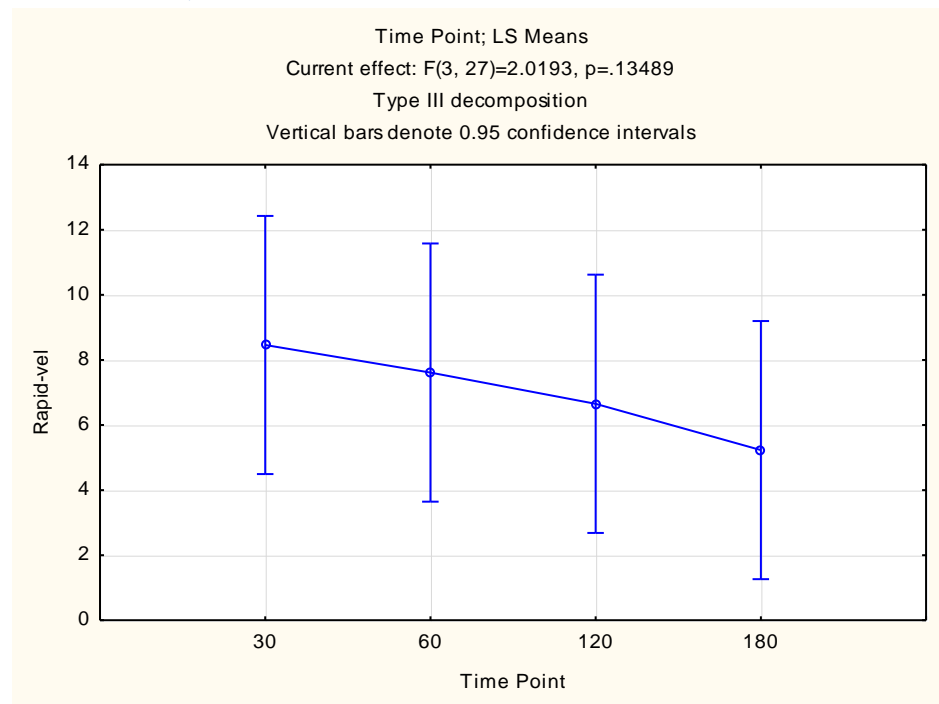


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=2.0193$ ,  $p=.13489$   
 Type III decomposition

Cell No.	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	30	8.459000	1.933462	4.491863	12.42614	55
2	60	7.612000	1.933462	3.644863	11.57914	55
3	120	6.652667	1.933462	2.685530	10.61980	55
4	180	5.230333	1.933462	1.263196	9.19747	55

### Time Point; LS Means

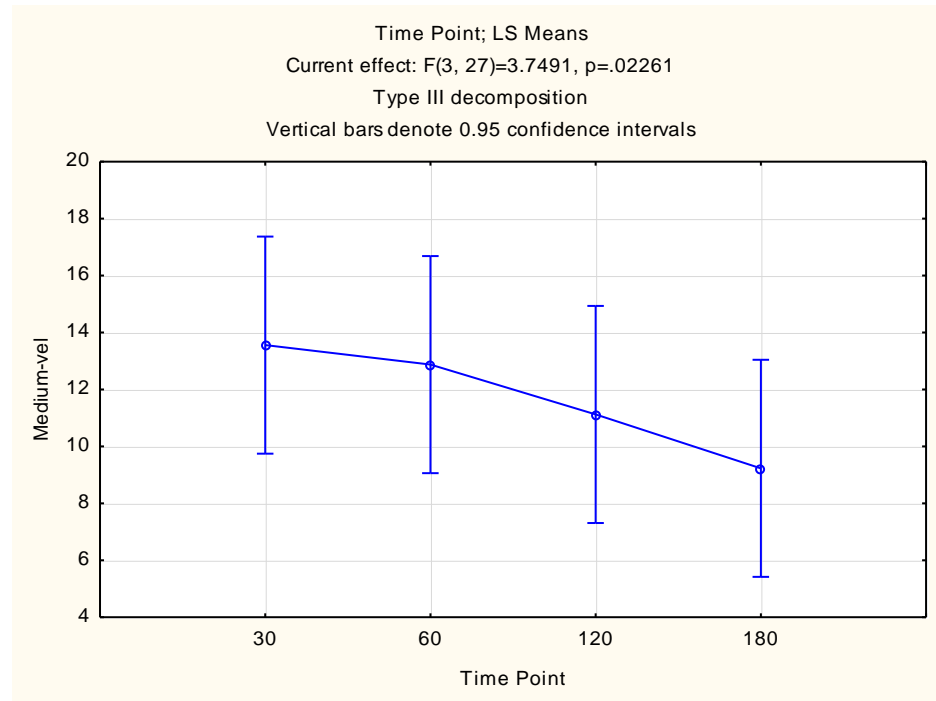


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.7491, p=.02261$   
 Type III decomposition

Cell No.	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	30	13.55833	1.858132	9.745761	17.37091	55
2	60	12.87500	1.858132	9.062428	16.68757	55
3	120	11.12300	1.858132	7.310428	14.93557	55
4	180	9.23100	1.858132	5.418428	13.04357	55

### Time Point; LS Means

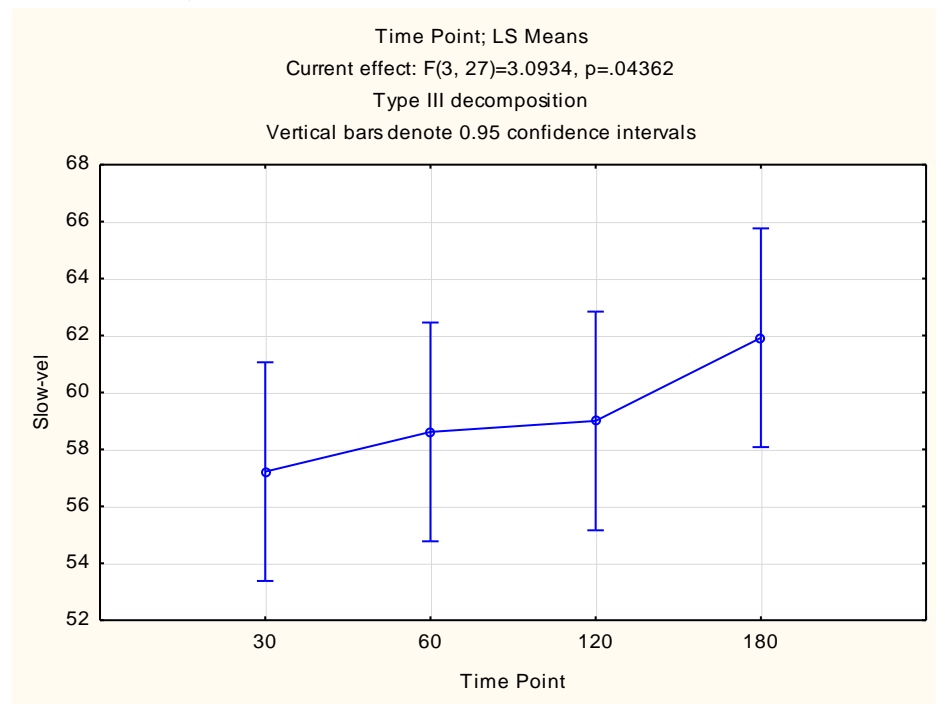


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.0934, p=.04362$   
 Type III decomposition

Cell No.	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	30	57.21967	1.871740	53.37917	61.06016	55
2	60	58.61567	1.871740	54.77517	62.45616	55
3	120	59.00067	1.871740	55.16017	62.84116	55
4	180	61.92233	1.871740	58.08184	65.76283	55

### Time Point; LS Means



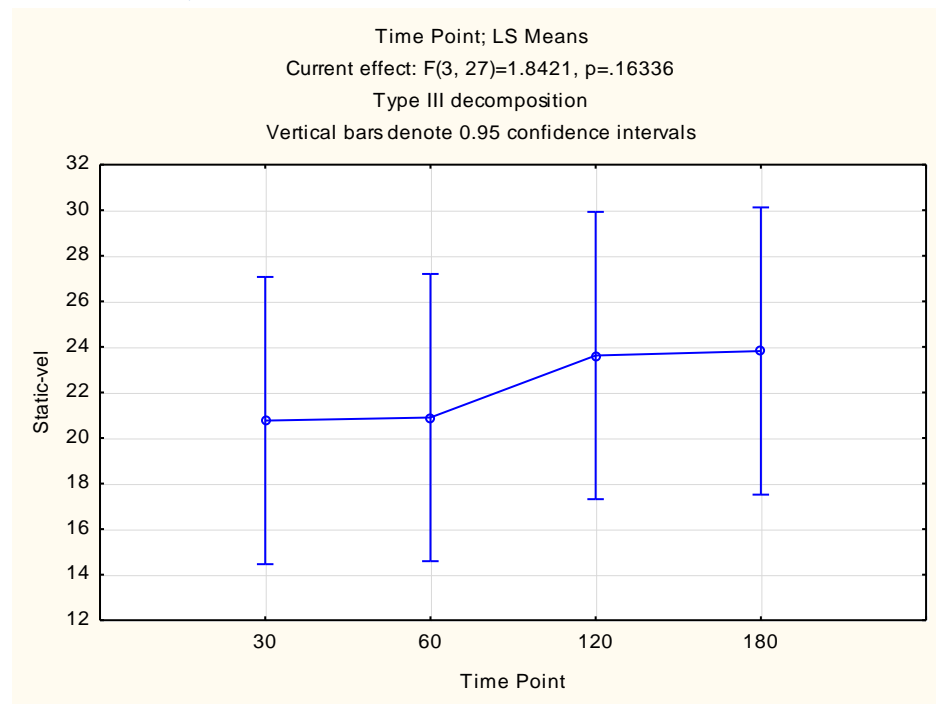
### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.8421, p=.16336$   
 Type III decomposition

Cell No.	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	30	20.76733	3.073028	14.46200	27.07267	55
2	60	20.90000	3.073028	14.59467	27.20533	55
3	120	23.62400	3.073028	17.31867	29.92933	55
4	180	23.81967	3.073028	17.51433	30.12500	55



### Time Point; LS Means

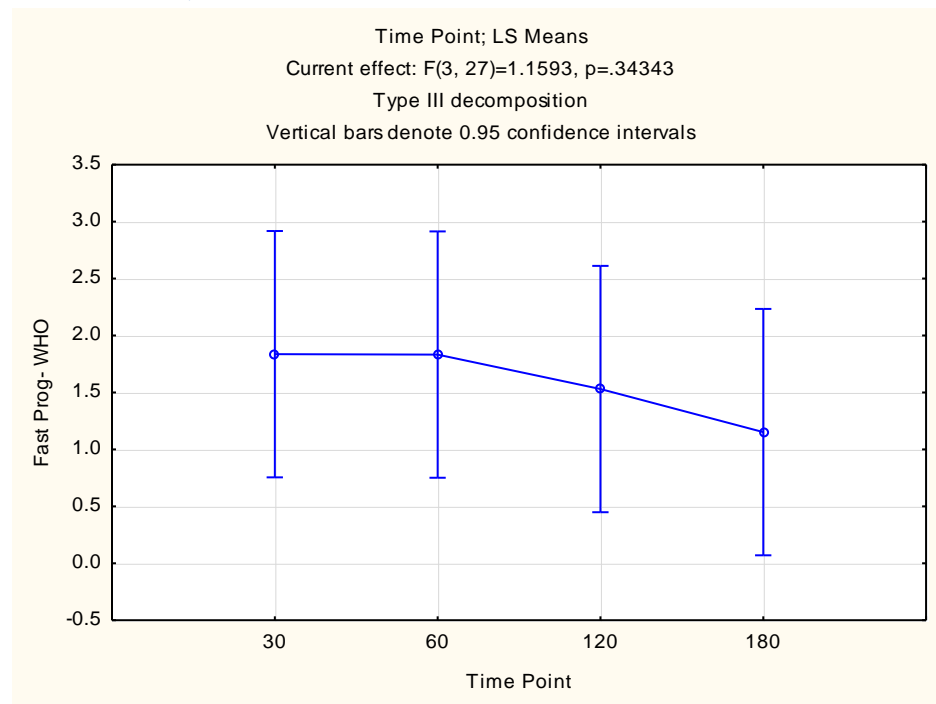


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.1593, p=.34343$   
 Type III decomposition

Cell No.	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	30	1.836667	0.527115	0.755116	2.918217	55
2	60	1.833000	0.527115	0.751449	2.914551	55
3	120	1.530000	0.527115	0.448449	2.611551	55
4	180	1.152000	0.527115	0.070449	2.233551	55

### Time Point; LS Means

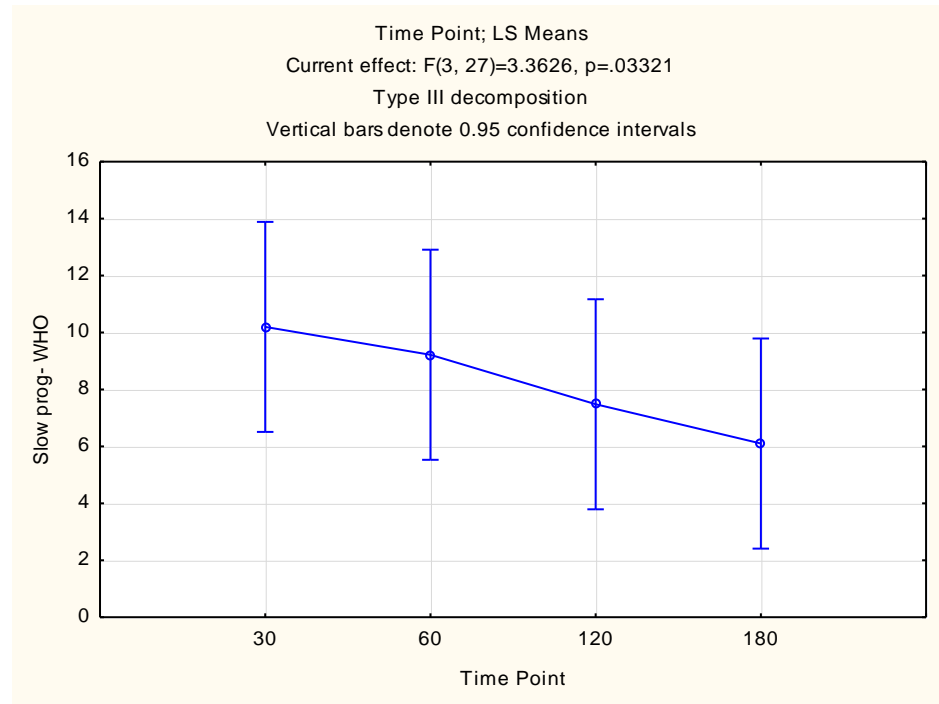


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.3626$ ,  $p=.03321$   
 Type III decomposition

Cell No.	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	30	10.19833	1.798070	6.508999	13.88767	55
2	60	9.21967	1.798070	5.530332	12.90900	55
3	120	7.48100	1.798070	3.791665	11.17033	55
4	180	6.10333	1.798070	2.413999	9.79267	55

### Time Point; LS Means

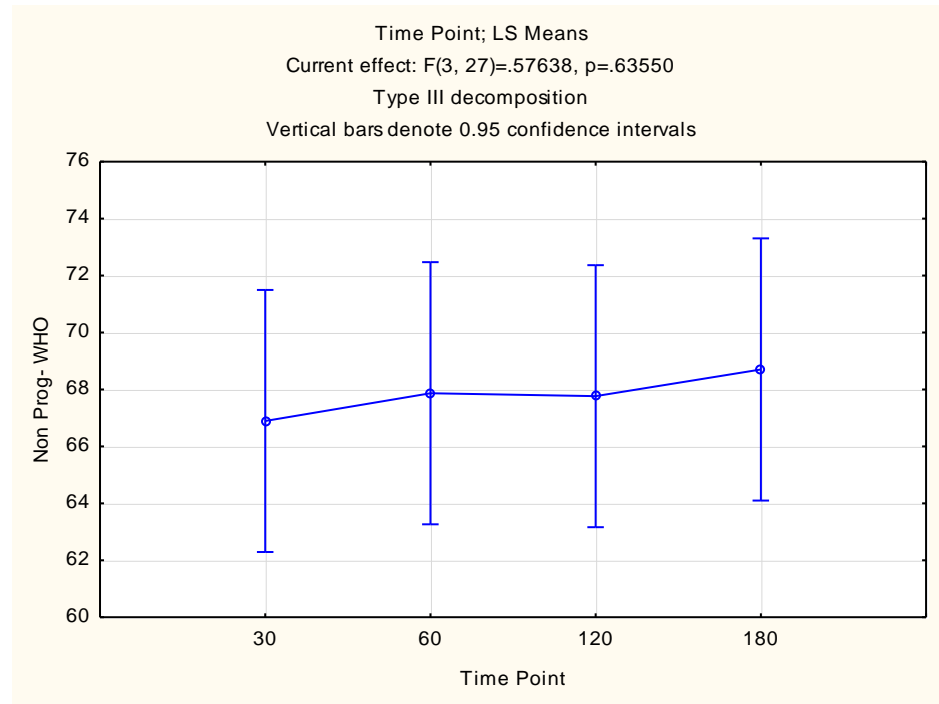


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=.57638, p=.63550$   
 Type III decomposition

Cell No.	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	30	66.89433	2.242880	62.29232	71.49634	55
2	60	67.86867	2.242880	63.26666	72.47068	55
3	120	67.76500	2.242880	63.16299	72.36701	55
4	180	68.70367	2.242880	64.10166	73.30568	55

### Time Point; LS Means

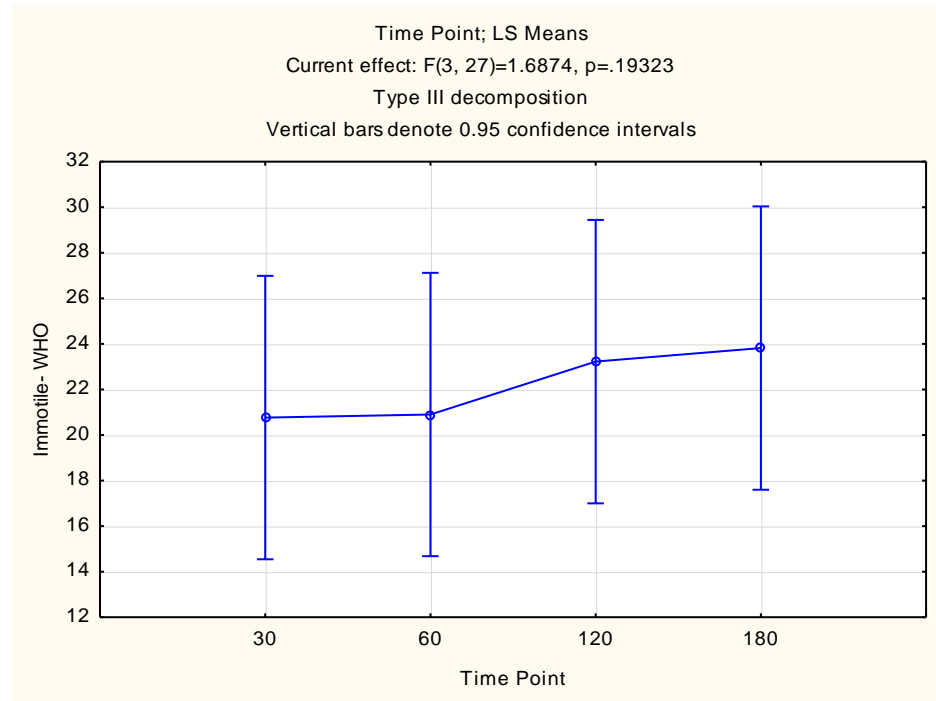


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.6874, p=.19323$   
 Type III decomposition

Cell No.	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	30	20.76733	3.031342	14.54753	26.98713	55
2	60	20.90000	3.031342	14.68020	27.11980	55
3	120	23.22400	3.031342	17.00420	29.44380	55
4	180	23.81967	3.031342	17.59987	30.03947	55

### Time Point; LS Means

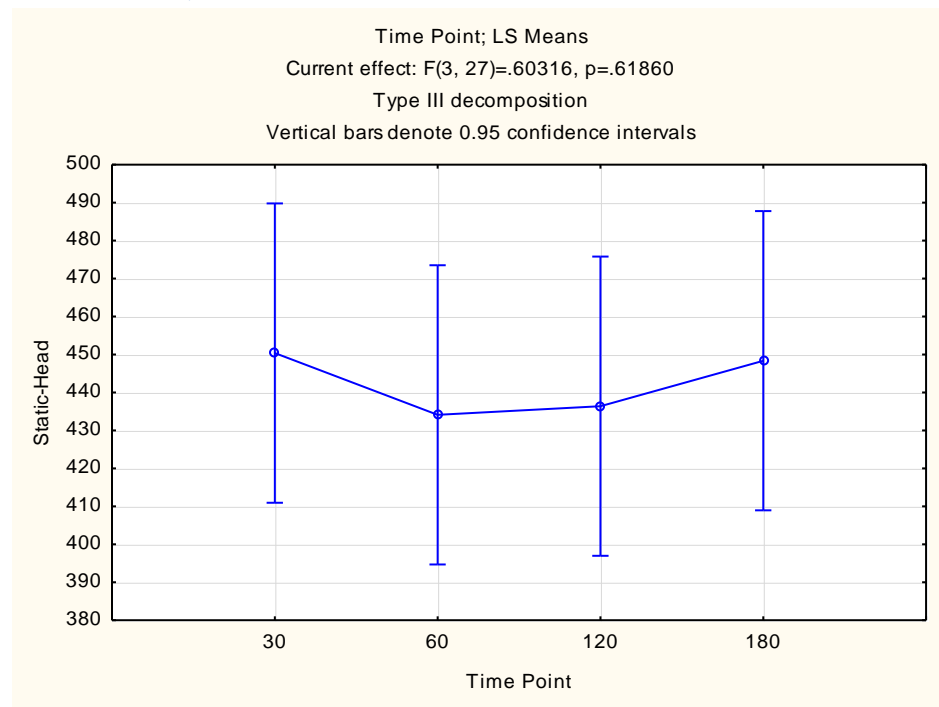


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=.60316, p=.61860$   
 Type III decomposition

Cell No.	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	30	450.3830	19.20753	410.9724	489.7936	55
2	60	434.1120	19.20753	394.7014	473.5226	55
3	120	436.3847	19.20753	396.9741	475.7953	55
4	180	448.3663	19.20753	408.9557	487.7769	55

### Time Point; LS Means

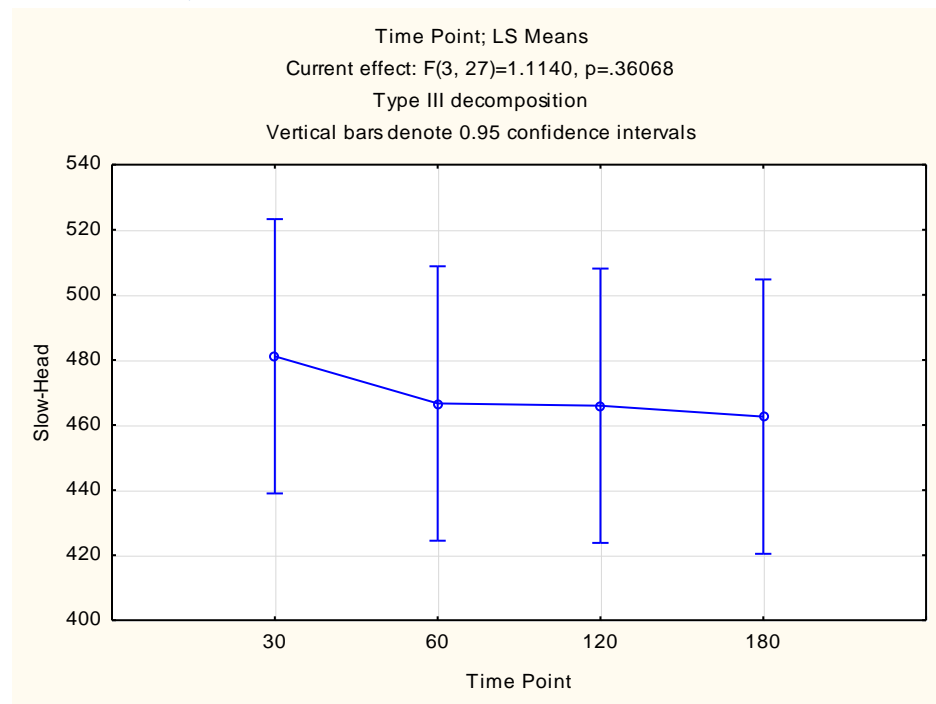


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.1140, p=.36068$   
 Type III decomposition

Cell No.	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	30	481.1220	20.54599	438.9651	523.2789	55
2	60	466.6257	20.54599	424.4688	508.7825	55
3	120	465.9387	20.54599	423.7818	508.0955	55
4	180	462.5923	20.54599	420.4355	504.7492	55

### Time Point; LS Means

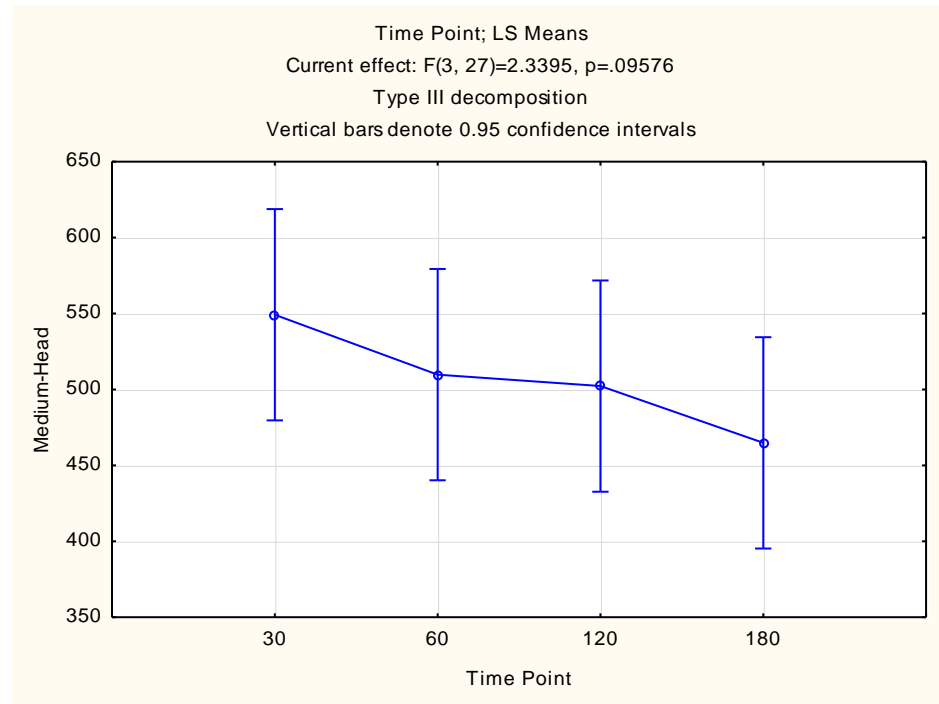


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=2.3395, p=.09576$   
 Type III decomposition

Cell No.	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	30	549.1790	33.90765	479.6063	618.7517	55
2	60	509.7727	33.90765	440.1999	579.3454	55
3	120	502.2427	33.90765	432.6699	571.8154	55
4	180	464.8800	33.90765	395.3073	534.4527	55

### Time Point; LS Means



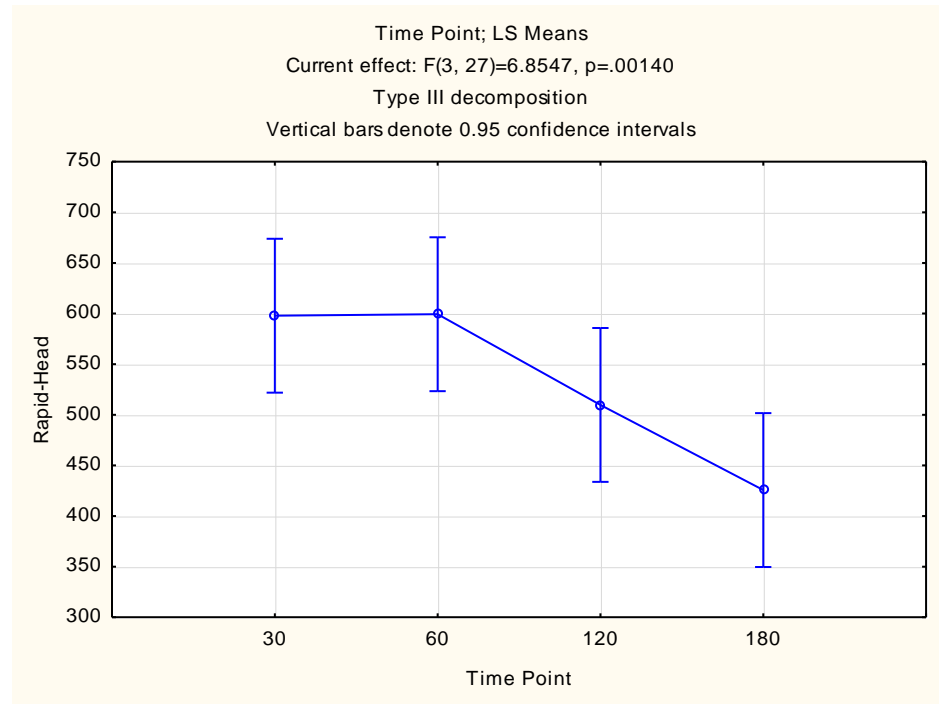
### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=6.8547, p=.00140$   
 Type III decomposition

Cell No.	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	30	597.8357	37.03203	521.8522	673.8191	55
2	60	599.3367	37.03203	523.3532	675.3201	55
3	120	509.7970	37.03203	433.8135	585.7805	55
4	180	425.6527	37.03203	349.6692	501.6361	55



### Time Point; LS Means

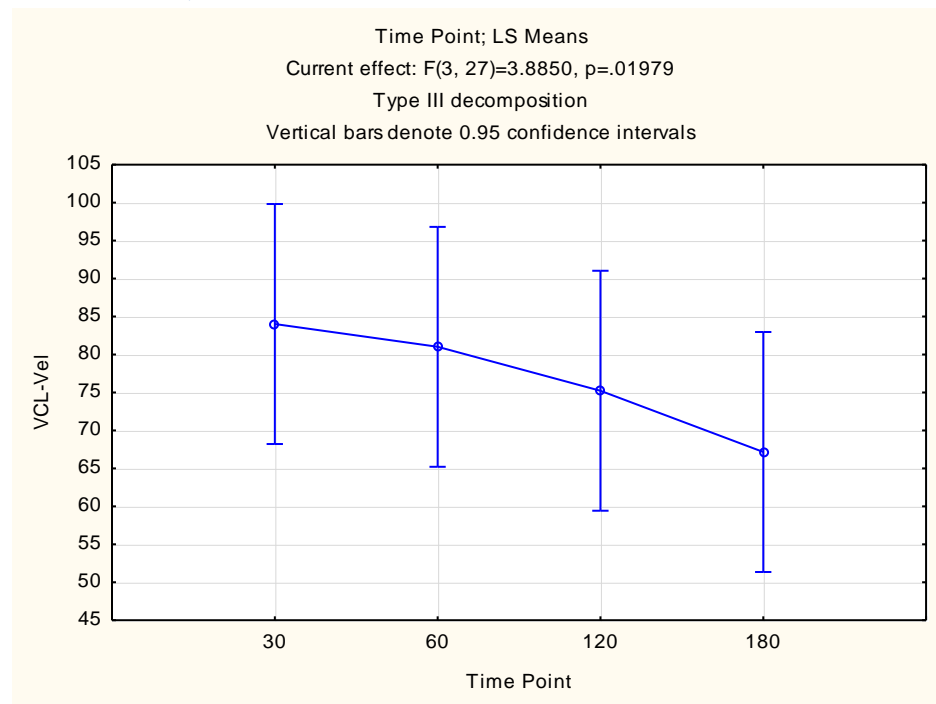


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.8850, p=.01979$   
 Type III decomposition

Cell No.	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	30	84.01967	7.699079	68.22246	99.81687	55
2	60	81.01600	7.699079	65.21880	96.81320	55
3	120	75.22933	7.699079	59.43213	91.02654	55
4	180	67.16533	7.699079	51.36813	82.96254	55

### Time Point; LS Means

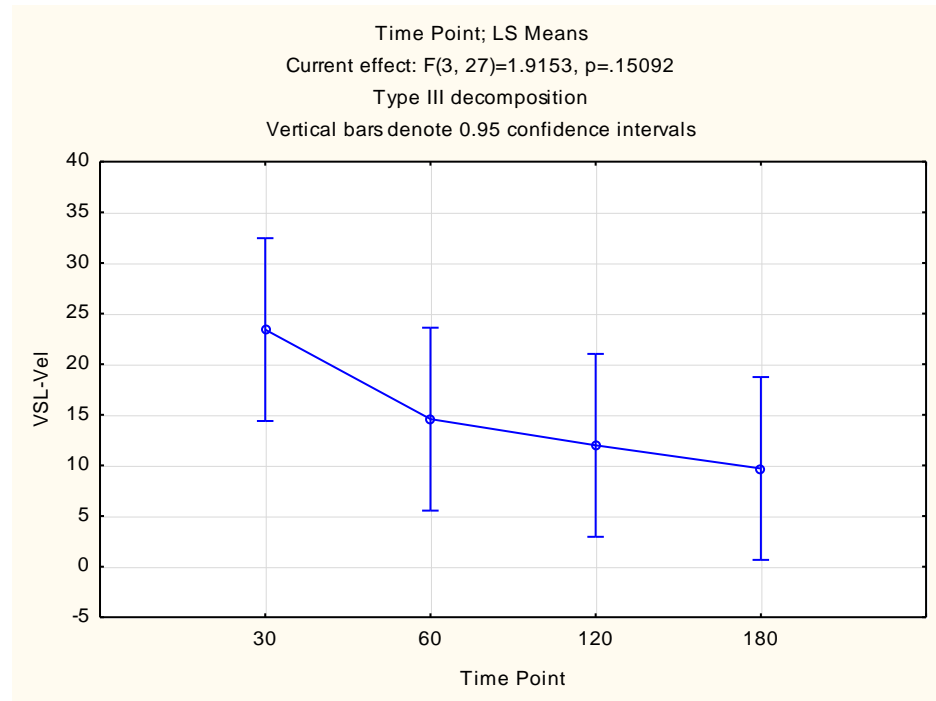


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.9153, p=.15092$   
 Type III decomposition

Cell No.	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	30	23.41667	4.402851	14.38276	32.45057	55
2	60	14.57000	4.402851	5.53610	23.60390	55
3	120	11.98367	4.402851	2.94976	21.01757	55
4	180	9.69900	4.402851	0.66510	18.73290	55

### Time Point; LS Means

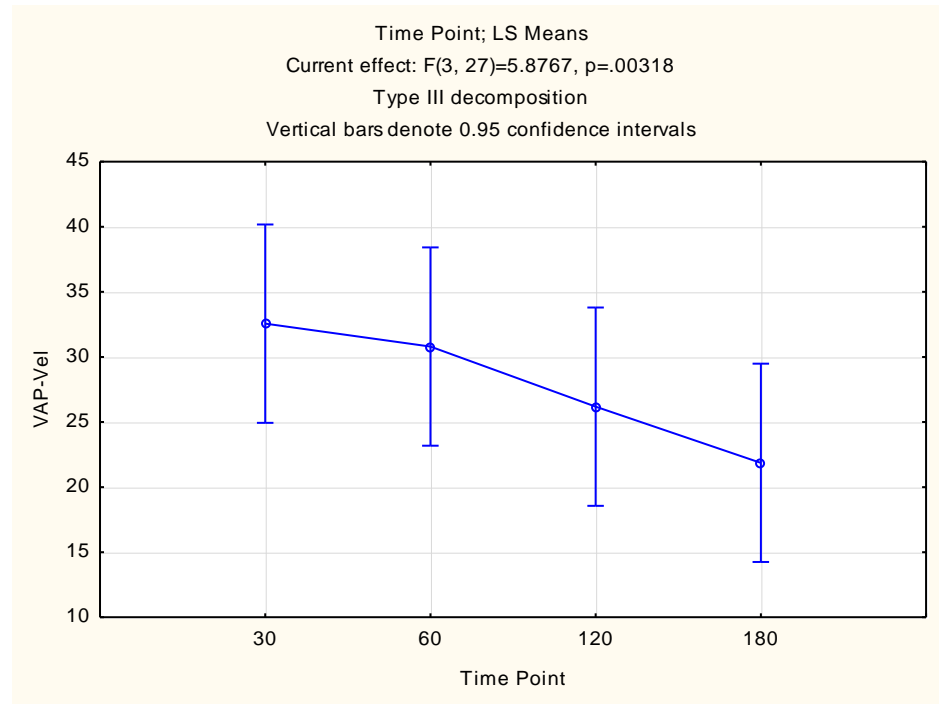


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=5.8767, p=.00318$   
 Type III decomposition

Cell No.	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	30	32.56033	3.713315	24.94124	40.17943	55
2	60	30.79900	3.713315	23.17991	38.41809	55
3	120	26.18167	3.713315	18.56257	33.80076	55
4	180	21.86433	3.713315	14.24524	29.48343	55

### Time Point; LS Means

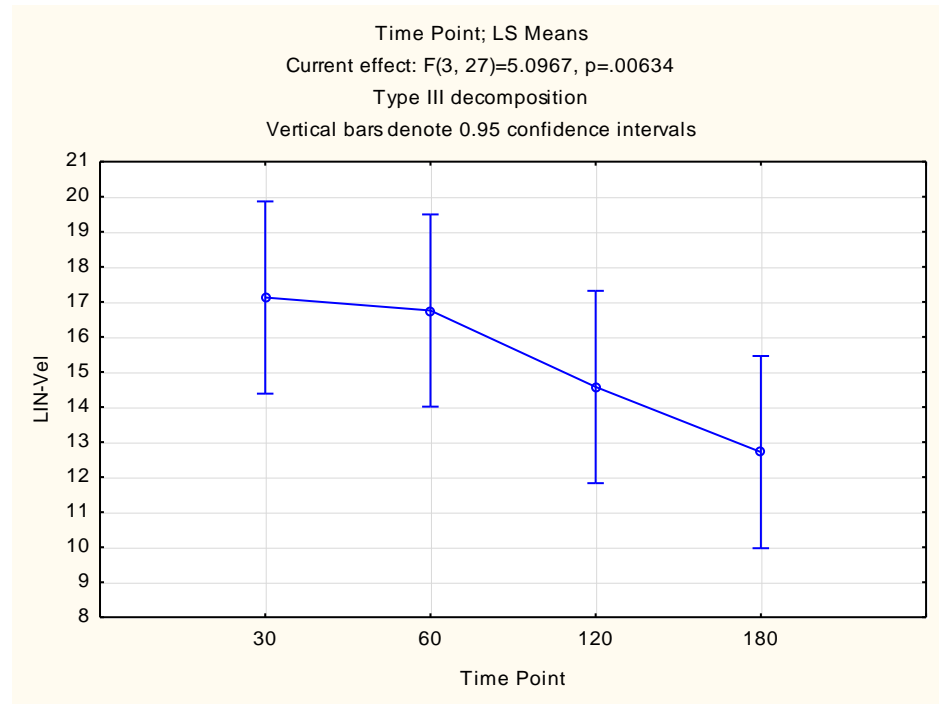


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=5.0967, p=.00634$   
 Type III decomposition

Cell No.	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	30	17.12367	1.336843	14.38069	19.86664	55
2	60	16.75333	1.336843	14.01036	19.49631	55
3	120	14.57133	1.336843	11.82836	17.31431	55
4	180	12.71367	1.336843	9.97069	15.45664	55

### Time Point; LS Means

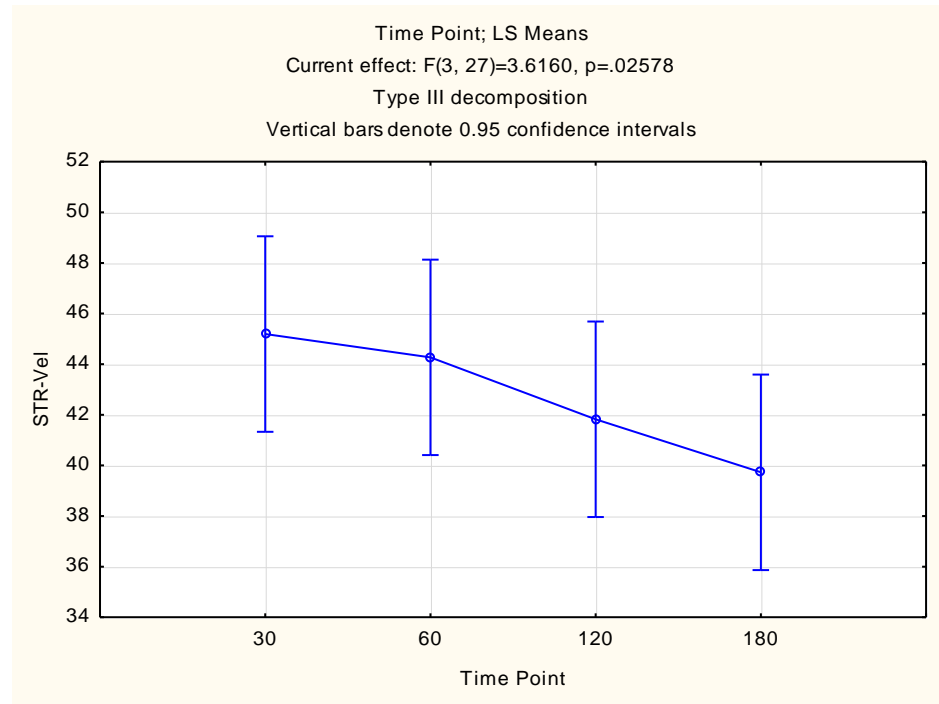


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.6160, p=.02578$   
 Type III decomposition

Cell No.	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	30	45.19133	1.882097	41.32959	49.05308	55
2	60	44.26867	1.882097	40.40692	48.13041	55
3	120	41.82267	1.882097	37.96092	45.68441	55
4	180	39.72800	1.882097	35.86625	43.58975	55

### Time Point; LS Means

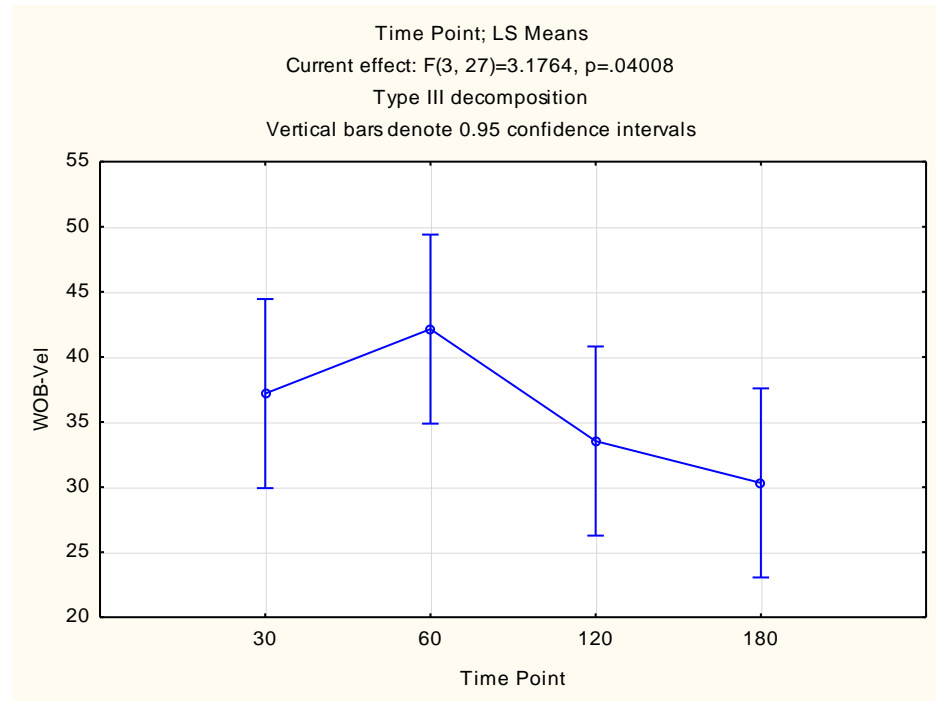


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.1764, p=.04008$   
 Type III decomposition

Cell No.	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	30	37.18767	3.540228	29.92372	44.45161	55
2	60	42.13900	3.540228	34.87505	49.40295	55
3	120	33.53900	3.540228	26.27505	40.80295	55
4	180	30.32300	3.540228	23.05905	37.58695	55

### Time Point; LS Means

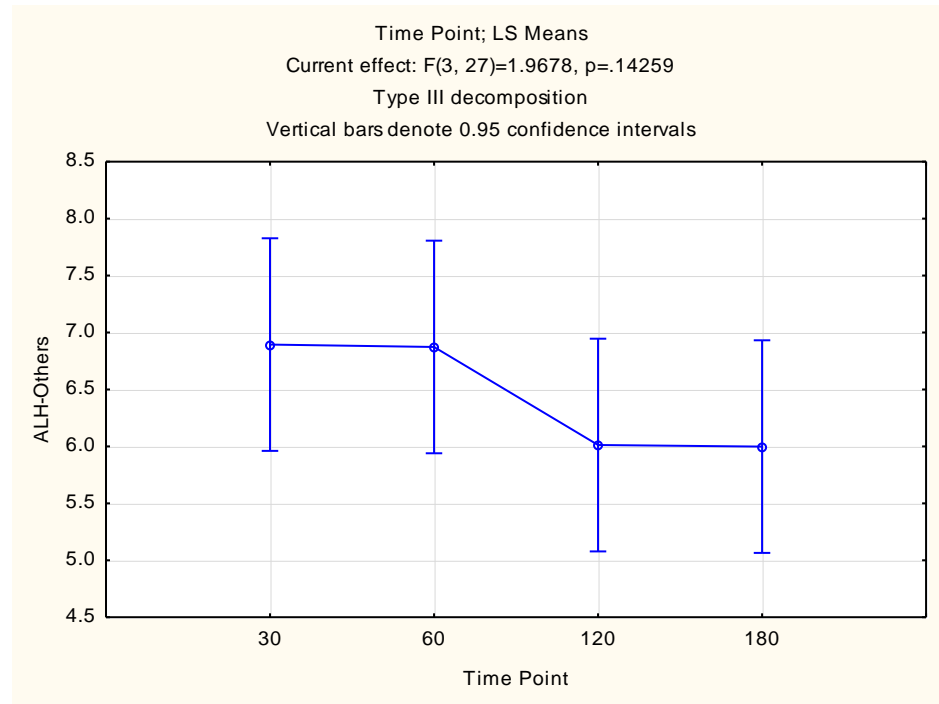


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.9678, p=.14259$   
 Type III decomposition

Cell No.	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	30	6.894333	0.455029	5.960692	7.827975	55
2	60	6.873333	0.455029	5.939692	7.806975	55
3	120	6.012333	0.455029	5.078692	6.945975	55
4	180	5.998667	0.455029	5.065025	6.932308	55

### Time Point; LS Means



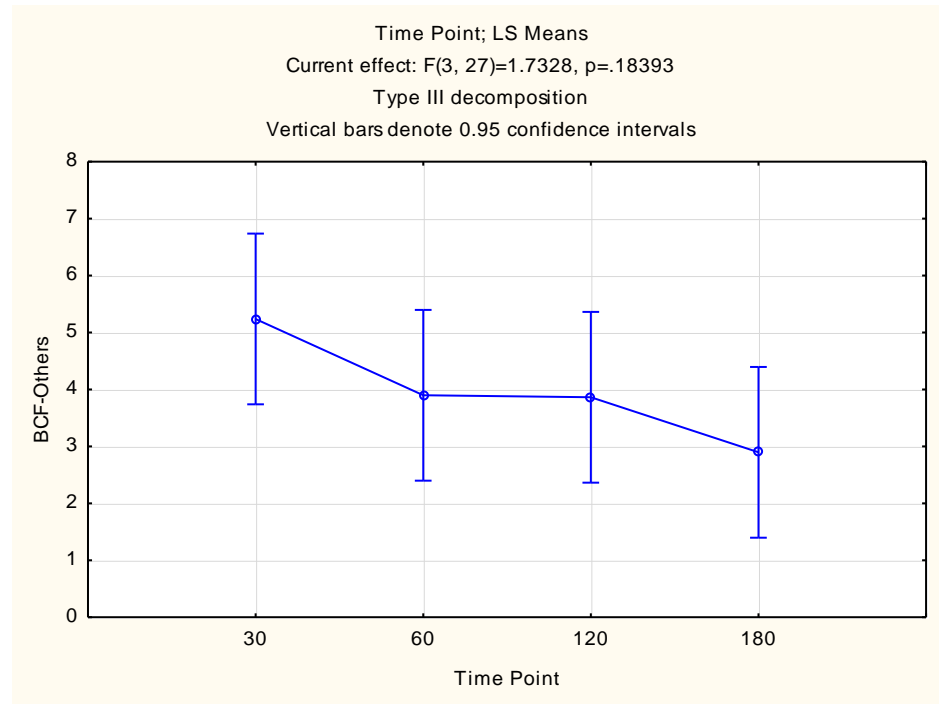
### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.7328, p=.18393$   
 Type III decomposition

Cell No.	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	30	5.238000	0.730611	3.738911	6.737089	55
2	60	3.898667	0.730611	2.399577	5.397756	55
3	120	3.863333	0.730611	2.364244	5.362423	55
4	180	2.897333	0.730611	1.398244	4.396423	55



### Time Point; LS Means

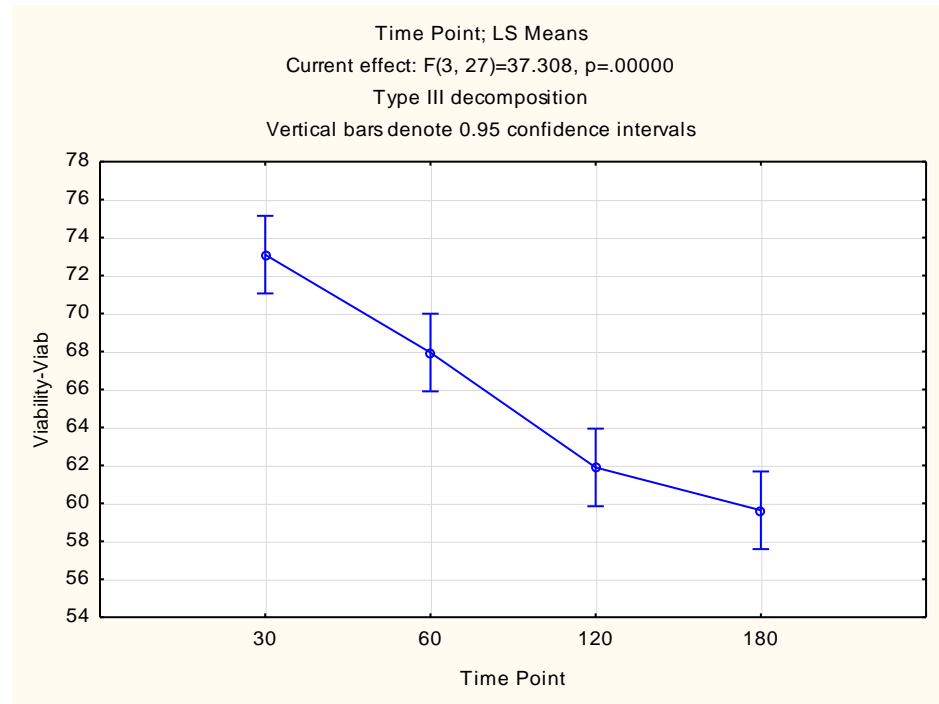


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=37.308, p=.00000$   
 Type III decomposition

Cell No.	Time Point	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	30	73.10333	0.996314	71.05907	75.14760	55
2	60	67.94667	0.996314	65.90240	69.99093	55
3	120	61.89333	0.996314	59.84907	63.93760	55
4	180	59.63667	0.996314	57.59240	61.68093	55

### Time Point; LS Means

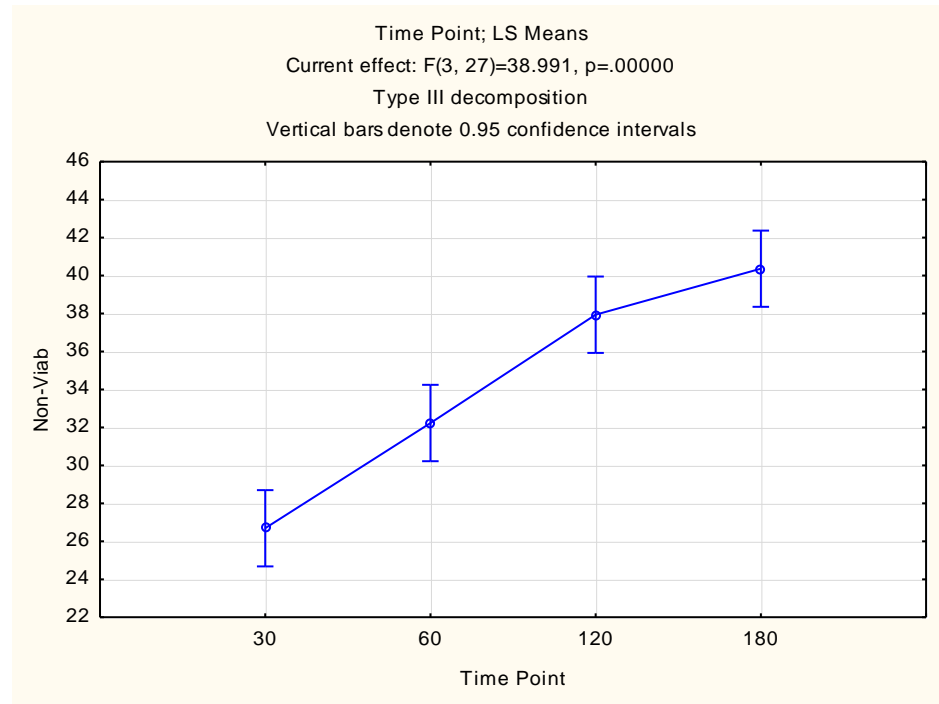


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=38.991, p=.00000$   
 Type III decomposition

Cell No.	Time Point	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	30	26.69000	0.979366	24.68051	28.69949	55
2	60	32.23333	0.979366	30.22384	34.24283	55
3	120	37.94000	0.979366	35.93051	39.94949	55
4	180	40.36333	0.979366	38.35384	42.37283	55

### Time Point; LS Means

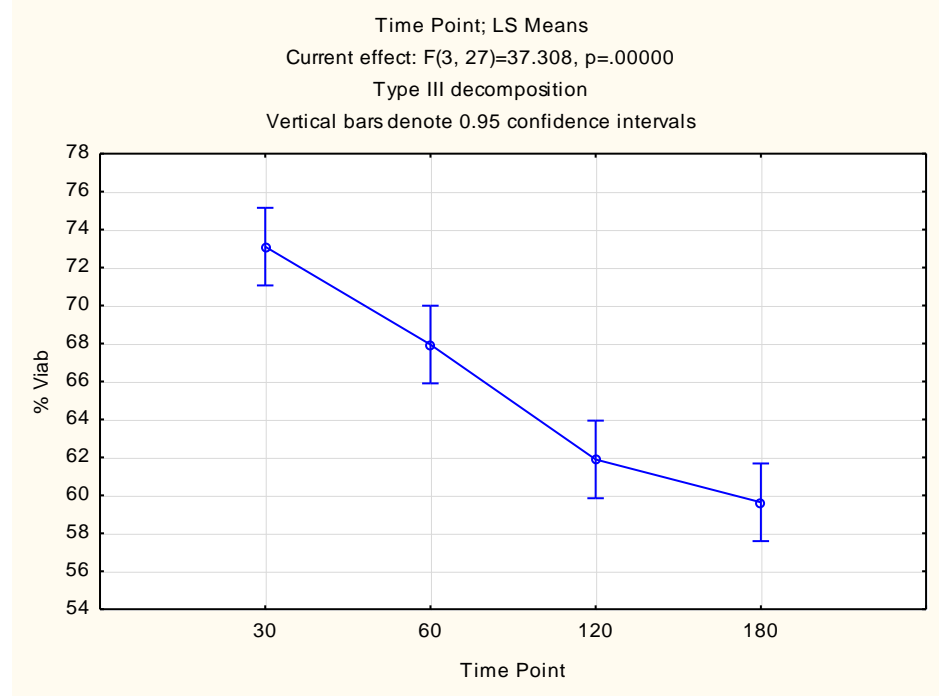


### Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=37.308, p=.00000$   
 Type III decomposition

Cell No.	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	30	73.10333	0.996314	71.05907	75.14760	55
2	60	67.94667	0.996314	65.90240	69.99093	55
3	120	61.89333	0.996314	59.84907	63.93760	55
4	180	59.63667	0.996314	57.59240	61.68093	55

## Time Point; LS Means



**Variance Estimation and Precision Results: Rat Results- Final in Analysis - 12Apr2012.stw**

**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

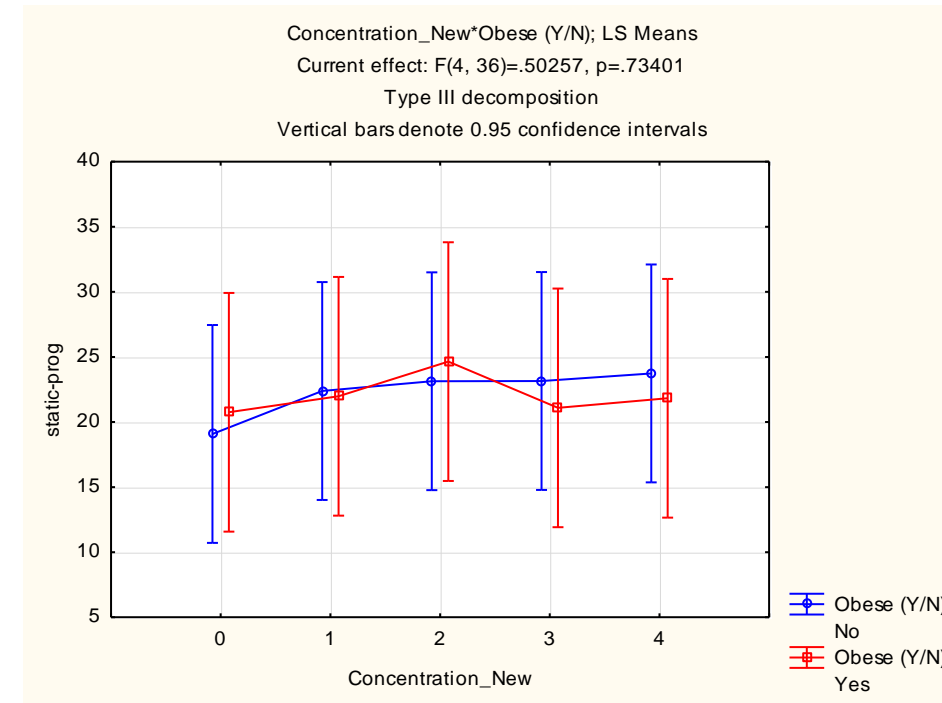
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.50257, p=.73401

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	0	No	19.08333	4.126860	10.71367	27.45299	24
2	0	Yes	20.75000	4.520749	11.58150	29.91850	20
3	1	No	22.38750	4.126860	14.01784	30.75716	24
4	1	Yes	21.98000	4.520749	12.81150	31.14850	20
5	2	No	23.13333	4.126860	14.76367	31.50299	24
6	2	Yes	24.64500	4.520749	15.47650	33.81350	20
7	3	No	23.15000	4.126860	14.78034	31.51966	24
8	3	Yes	21.09000	4.520749	11.92150	30.25850	20
9	4	No	23.73333	4.126860	15.36367	32.10299	24
10	4	Yes	21.82500	4.520749	12.65650	30.99350	20

### Concentration\_New\*Obese (Y/N); LS Means



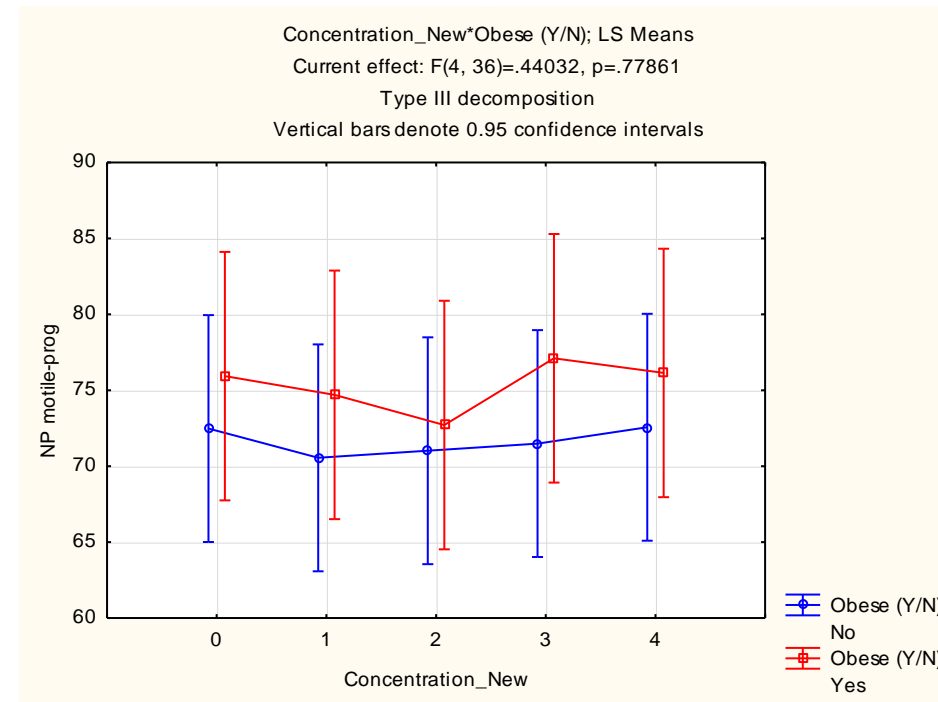
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=-.44032, p=.77861  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	0	No	72.48333	3.683401	65.01305	79.95362	24
2	0	Yes	75.93500	4.034964	67.75171	84.11829	20
3	1	No	70.55417	3.683401	63.08388	78.02445	24
4	1	Yes	74.70000	4.034964	66.51671	82.88329	20
5	2	No	71.02083	3.683401	63.55055	78.49112	24
6	2	Yes	72.71500	4.034964	64.53171	80.89829	20
7	3	No	71.49167	3.683401	64.02138	78.96195	24
8	3	Yes	77.11000	4.034964	68.92671	85.29329	20
9	4	No	72.56667	3.683401	65.09638	80.03695	24

10	4	Yes	76.14500	4.034964	67.96171	84.32829	20
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**Concentration\_New\*Obese (Y/N); LS Means**



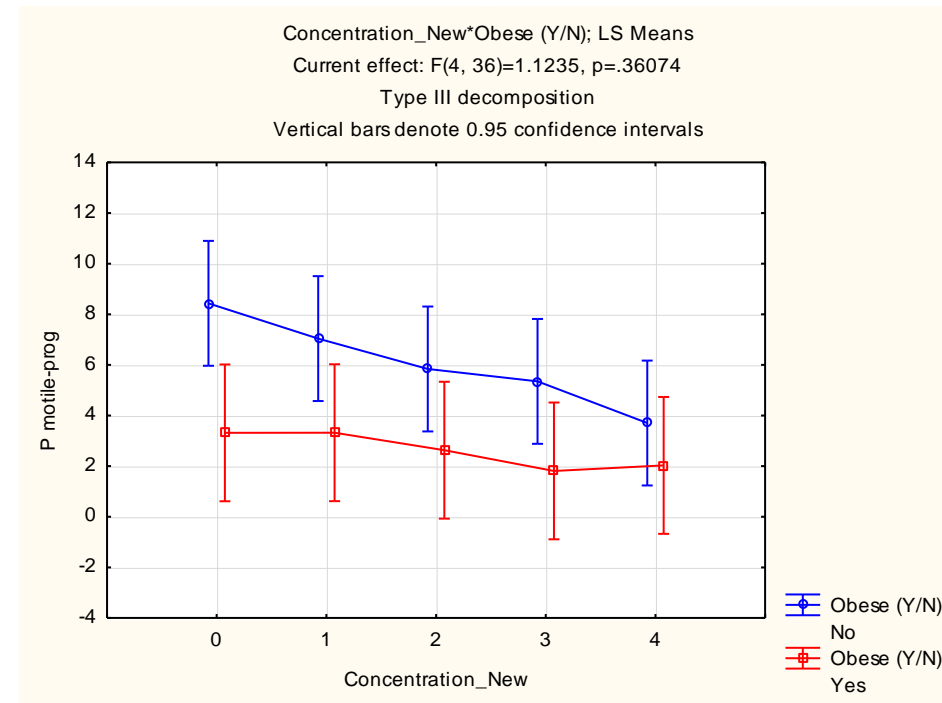
**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=1.1235, p=.36074  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	0	No	8.433333	1.216476	5.966205	10.90046	24
2	0	Yes	3.315000	1.332583	0.612396	6.01760	20
3	1	No	7.037500	1.216476	4.570372	9.50463	24
4	1	Yes	3.320000	1.332583	0.617396	6.02260	20
5	2	No	5.837500	1.216476	3.370372	8.30463	24
6	2	Yes	2.630000	1.332583	-0.072604	5.33260	20
7	3	No	5.350000	1.216476	2.882872	7.81713	24

8	3	Yes	1.810000	1.332583	-0.892604	4.51260	20
9	4	No	3.704167	1.216476	1.237038	6.17130	24
10	4	Yes	2.030000	1.332583	-0.672604	4.73260	20

**Concentration\_New\*Obese (Y/N); LS Means**



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

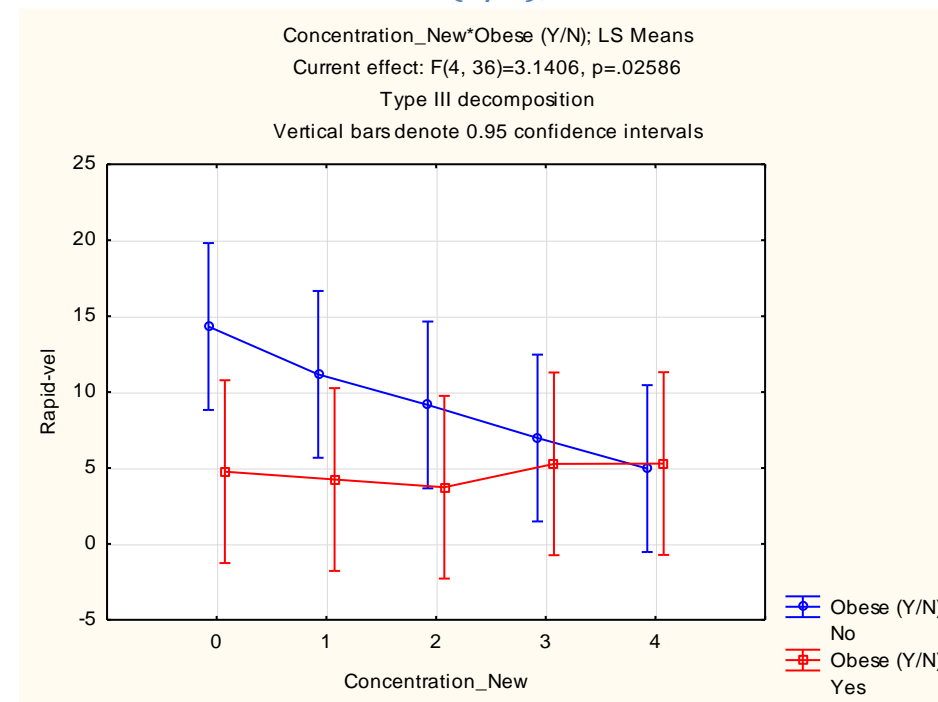
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=3.1406, p=.02586  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	0	No	14.31667	2.708388	8.82380	19.80953	24
2	0	Yes	4.76000	2.966890	-1.25713	10.77713	20
3	1	No	11.16667	2.708388	5.67380	16.65953	24
4	1	Yes	4.24500	2.966890	-1.77213	10.26213	20
5	2	No	9.15417	2.708388	3.66130	14.64703	24



6	2	Yes	3.73500	2.966890	-2.28213	9.75213	20
7	3	No	6.97500	2.708388	1.48214	12.46786	24
8	3	Yes	5.27500	2.966890	-0.74213	11.29213	20
9	4	No	4.96250	2.708388	-0.53036	10.45536	24
10	4	Yes	5.29500	2.966890	-0.72213	11.31213	20

### Concentration\_New\*Obese (Y/N); LS Means



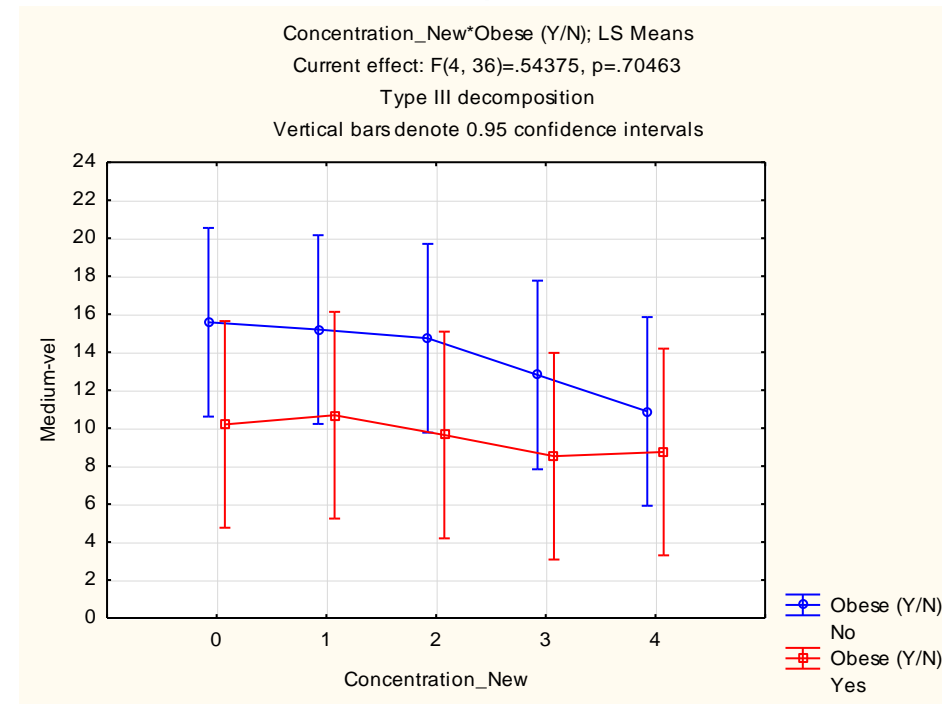
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.54375, p=.70463  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	0	No	15.57500	2.449643	10.60689	20.54311	24
2	0	Yes	10.19500	2.683449	4.75271	15.63729	20
3	1	No	15.19167	2.449643	10.22356	20.15977	24

4	1	Yes	10.68000	2.683449	5.23771	16.12229	20
5	2	No	14.73333	2.449643	9.76523	19.70144	24
6	2	Yes	9.64000	2.683449	4.19771	15.08229	20
7	3	No	12.80000	2.449643	7.83189	17.76811	24
8	3	Yes	8.52500	2.683449	3.08271	13.96729	20
9	4	No	10.88333	2.449643	5.91523	15.85144	24
10	4	Yes	8.74500	2.683449	3.30271	14.18729	20

### Concentration\_New\*Obese (Y/N); LS Means



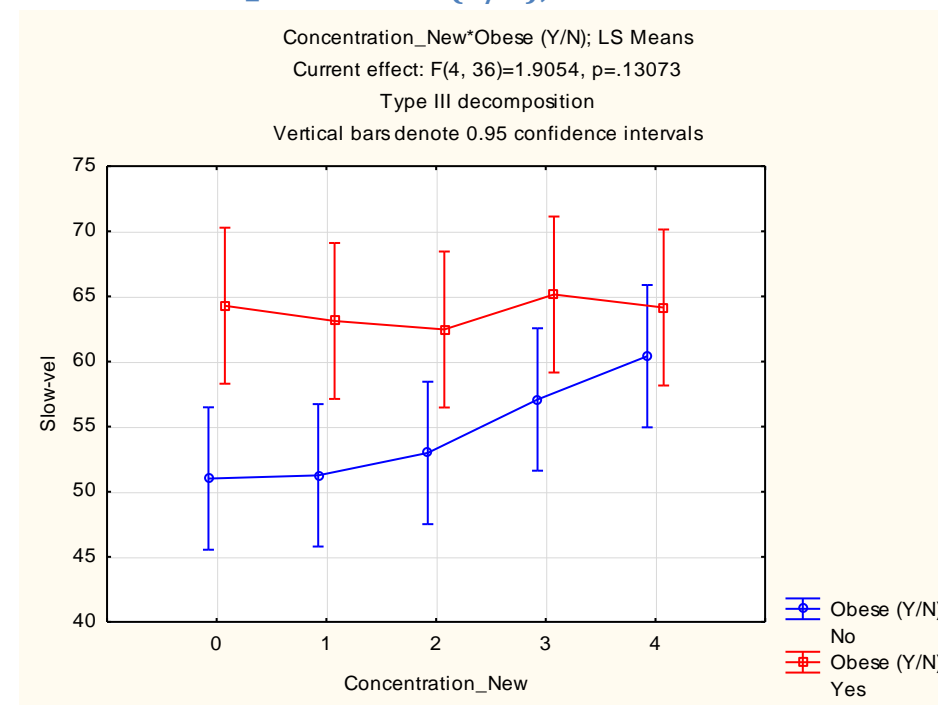
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=1.9054, p=.13073  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	0	No	51.01250	2.695744	45.54528	56.47972	24

2	0	Yes	64.28500	2.953040	58.29596	70.27404	20
3	1	No	51.25833	2.695744	45.79111	56.72556	24
4	1	Yes	63.11500	2.953040	57.12596	69.10404	20
5	2	No	52.97917	2.695744	47.51194	58.44639	24
6	2	Yes	62.46000	2.953040	56.47096	68.44904	20
7	3	No	57.08333	2.695744	51.61611	62.55056	24
8	3	Yes	65.14500	2.953040	59.15596	71.13404	20
9	4	No	60.41250	2.695744	54.94528	65.87972	24
10	4	Yes	64.14500	2.953040	58.15596	70.13404	20

### Concentration\_New\*Obese (Y/N); LS Means



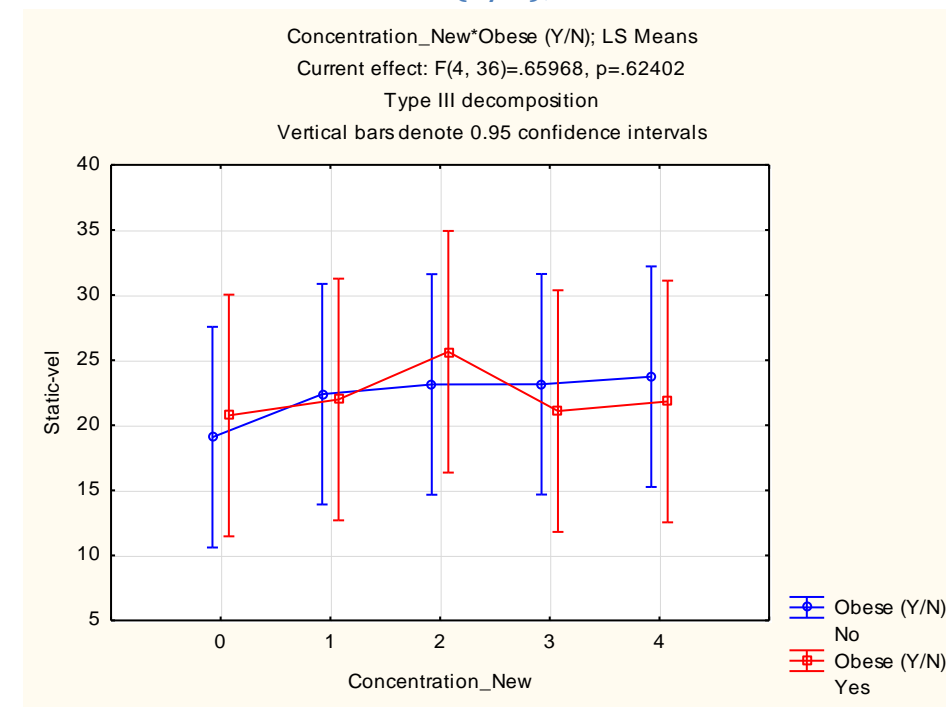
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
Current effect: F(4, 36)=.65968, p=.62402  
Type III decomposition

Concentration_New	Obese (Y/N)	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
0	Yes	64.28500	2.953040	58.29596	70.27404	20
1	No	51.25833	2.695744	45.79111	56.72556	24
1	Yes	63.11500	2.953040	57.12596	69.10404	20
2	No	52.97917	2.695744	47.51194	58.44639	24
2	Yes	62.46000	2.953040	56.47096	68.44904	20
3	No	57.08333	2.695744	51.61611	62.55056	24
3	Yes	65.14500	2.953040	59.15596	71.13404	20
4	No	60.41250	2.695744	54.94528	65.87972	24
4	Yes	64.14500	2.953040	58.15596	70.13404	20

Cell No.							
1	0	No	19.08333	4.179165	10.60759	27.55907	24
2	0	Yes	20.75000	4.578046	11.46529	30.03471	20
3	1	No	22.38750	4.179165	13.91176	30.86324	24
4	1	Yes	21.98000	4.578046	12.69529	31.26471	20
5	2	No	23.13333	4.179165	14.65759	31.60907	24
6	2	Yes	25.64500	4.578046	16.36029	34.92971	20
7	3	No	23.15000	4.179165	14.67426	31.62574	24
8	3	Yes	21.09000	4.578046	11.80529	30.37471	20
9	4	No	23.73333	4.179165	15.25759	32.20907	24
10	4	Yes	21.82500	4.578046	12.54029	31.10971	20

### Concentration\_New\*Obese (Y/N); LS Means



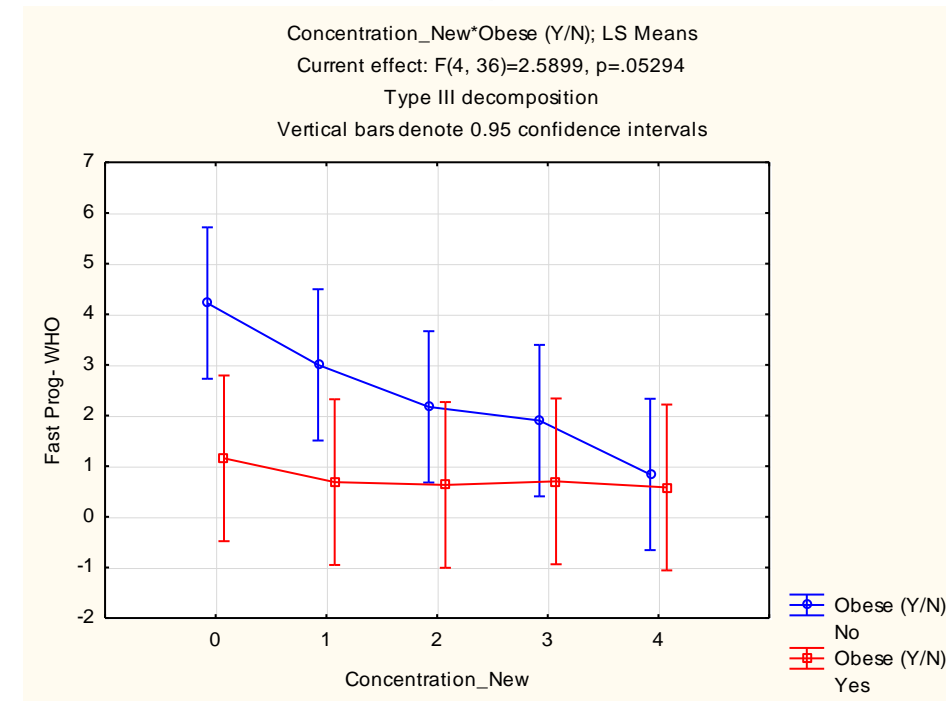
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=2.5899, p=.05294

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	0	No	4.220833	0.736821	2.72649	5.715175	24
2	0	Yes	1.155000	0.807146	-0.48197	2.791969	20
3	1	No	3.000000	0.736821	1.50566	4.494341	24
4	1	Yes	0.685000	0.807146	-0.95197	2.321969	20
5	2	No	2.170833	0.736821	0.67649	3.665175	24
6	2	Yes	0.630000	0.807146	-1.00697	2.266969	20
7	3	No	1.900000	0.736821	0.40566	3.394341	24
8	3	Yes	0.700000	0.807146	-0.93697	2.336969	20
9	4	No	0.837500	0.736821	-0.65684	2.331841	24
10	4	Yes	0.580000	0.807146	-1.05697	2.216969	20

Concentration\_New\*Obese (Y/N); LS Means



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

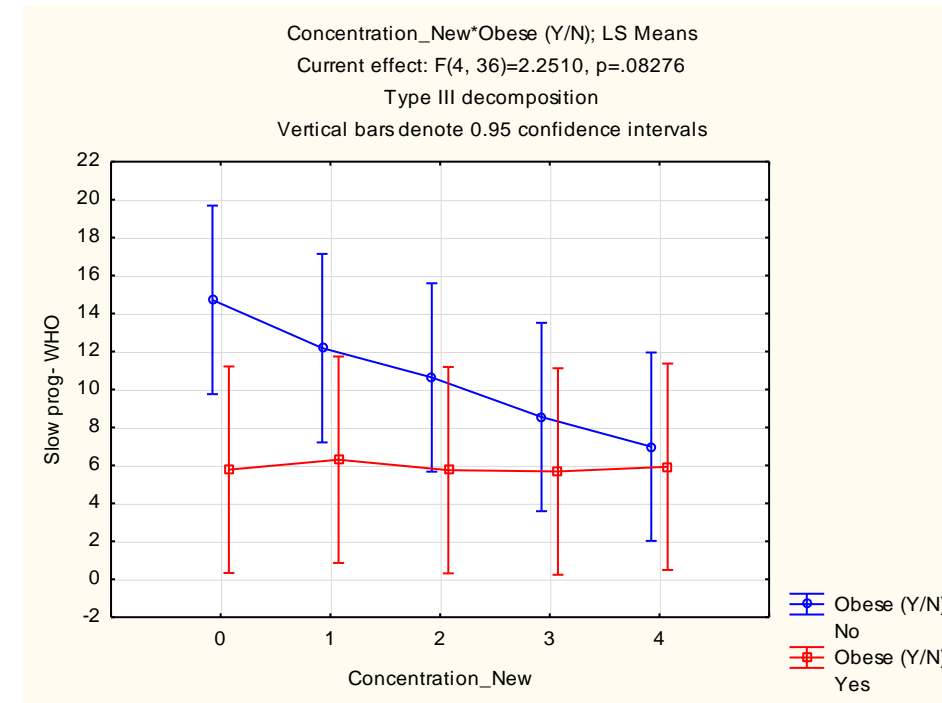
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.2510, p=.08276

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	0	No	14.72083	2.447793	9.756479	19.68519	24
2	0	Yes	5.77500	2.681423	0.336823	11.21318	20
3	1	No	12.17917	2.447793	7.214813	17.14352	24
4	1	Yes	6.30000	2.681423	0.861823	11.73818	20
5	2	No	10.63333	2.447793	5.668979	15.59769	24
6	2	Yes	5.75000	2.681423	0.311823	11.18818	20
7	3	No	8.55000	2.447793	3.585646	13.51435	24
8	3	Yes	5.68000	2.681423	0.241823	11.11818	20
9	4	No	6.98750	2.447793	2.023146	11.95185	24
10	4	Yes	5.93000	2.681423	0.491823	11.36818	20

**Concentration\_New\*Obese (Y/N); LS Means**



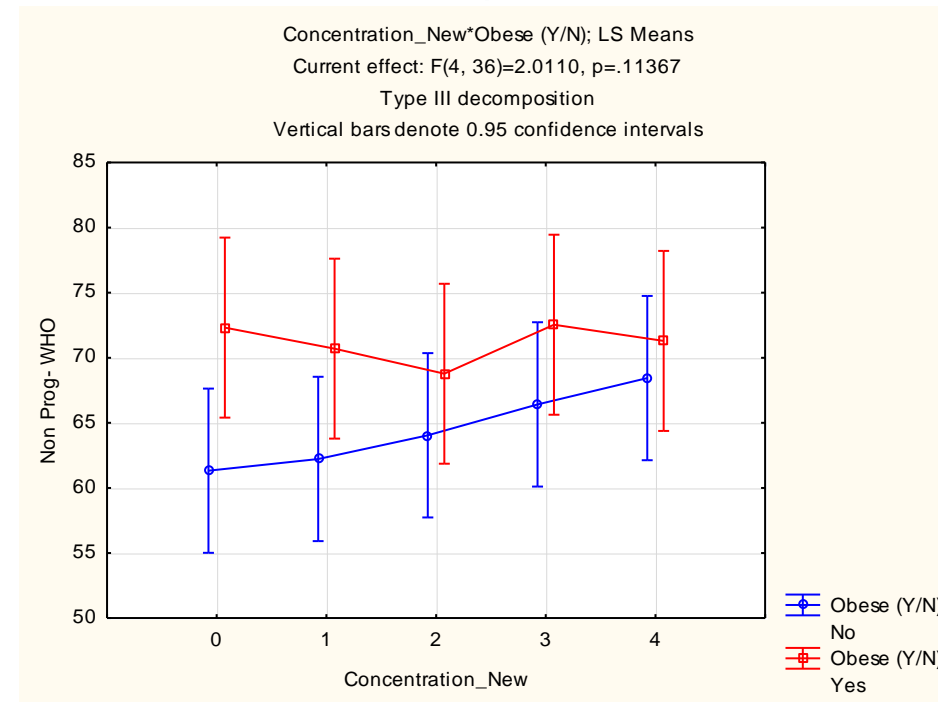
**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=2.0110, p=.11367  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	0	No	61.32500	3.111904	55.01377	67.63623	24
2	0	Yes	72.31500	3.408920	65.40139	79.22861	20
3	1	No	62.22500	3.111904	55.91377	68.53623	24
4	1	Yes	70.70000	3.408920	63.78639	77.61361	20
5	2	No	64.04583	3.111904	57.73460	70.35707	24
6	2	Yes	68.77500	3.408920	61.86139	75.68861	20
7	3	No	66.41667	3.111904	60.10543	72.72790	24
8	3	Yes	72.54000	3.408920	65.62639	79.45361	20
9	4	No	68.44167	3.111904	62.13043	74.75290	24

10	4	Yes	71.29500	3.408920	64.38139	78.20861	20
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**Concentration\_New\*Obese (Y/N); LS Means**



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

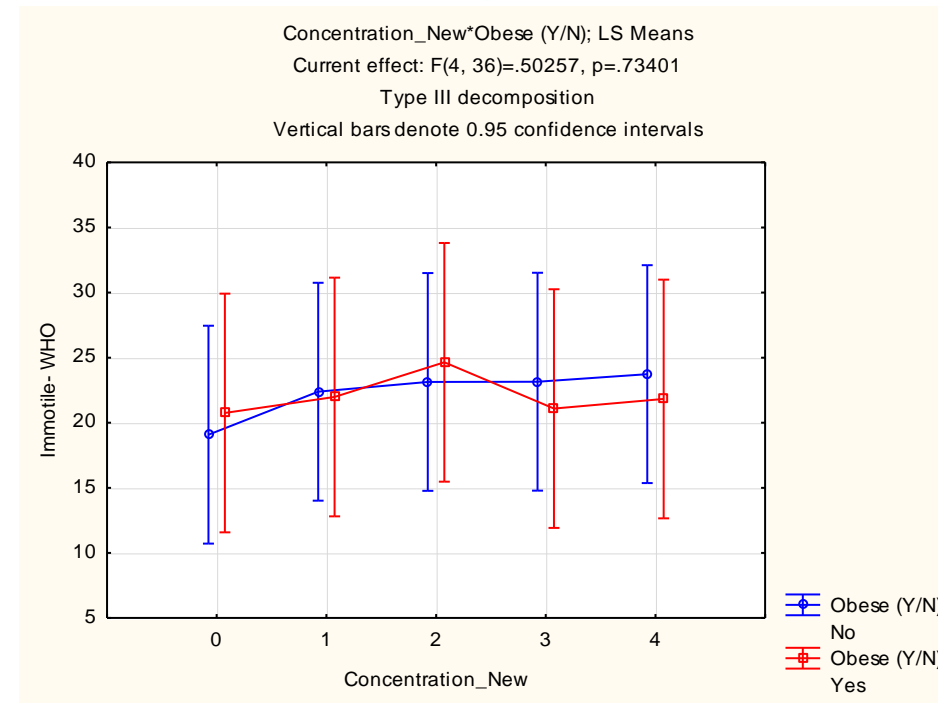
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.50257, p=.73401  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	0	No	19.08333	4.126860	10.71367	27.45299	24
2	0	Yes	20.75000	4.520749	11.58150	29.91850	20
3	1	No	22.38750	4.126860	14.01784	30.75716	24
4	1	Yes	21.98000	4.520749	12.81150	31.14850	20
5	2	No	23.13333	4.126860	14.76367	31.50299	24
6	2	Yes	24.64500	4.520749	15.47650	33.81350	20
7	3	No	23.15000	4.126860	14.78034	31.51966	24



8	3	Yes	21.09000	4.520749	11.92150	30.25850	20
9	4	No	23.73333	4.126860	15.36367	32.10299	24
10	4	Yes	21.82500	4.520749	12.65650	30.99350	20

### Concentration\_New\*Obese (Y/N); LS Means



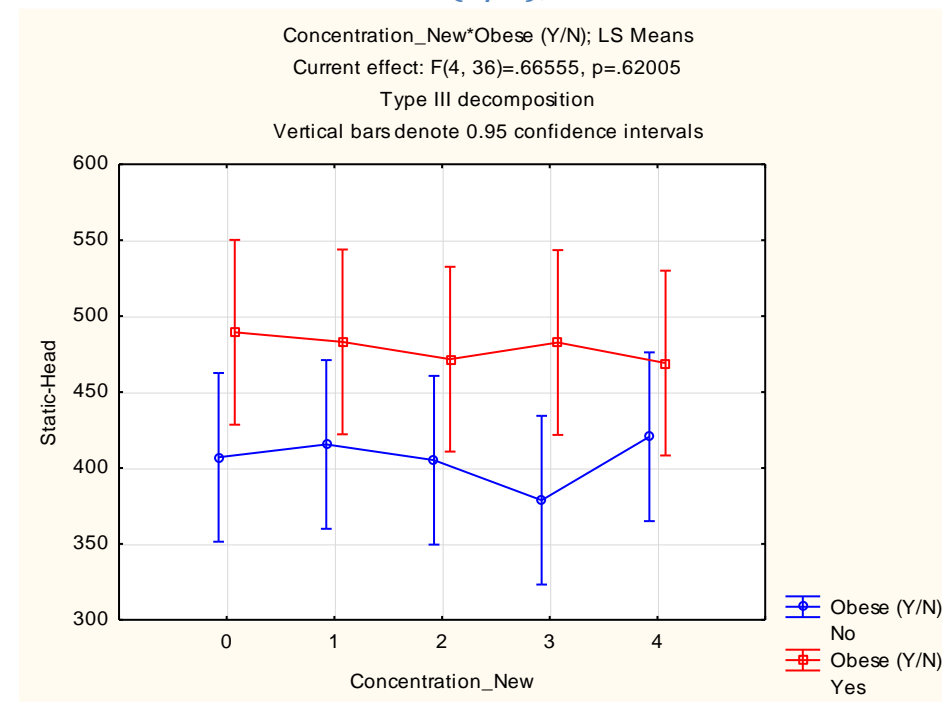
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.66555, p=.62005  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	0	No	407.0583	27.39160	351.5056	462.6111	24
2	0	Yes	489.3850	30.00600	428.5300	550.2400	20
3	1	No	415.5417	27.39160	359.9889	471.0944	24
4	1	Yes	483.0850	30.00600	422.2300	543.9400	20
5	2	No	405.1333	27.39160	349.5806	460.6861	24

6	2	Yes	471.6950	30.00600	410.8400	532.5500	20
7	3	No	378.8083	27.39160	323.2556	434.3611	24
8	3	Yes	482.6850	30.00600	421.8300	543.5400	20
9	4	No	420.6083	27.39160	365.0556	476.1611	24
10	4	Yes	469.1150	30.00600	408.2600	529.9700	20

### Concentration\_New\*Obese (Y/N); LS Means



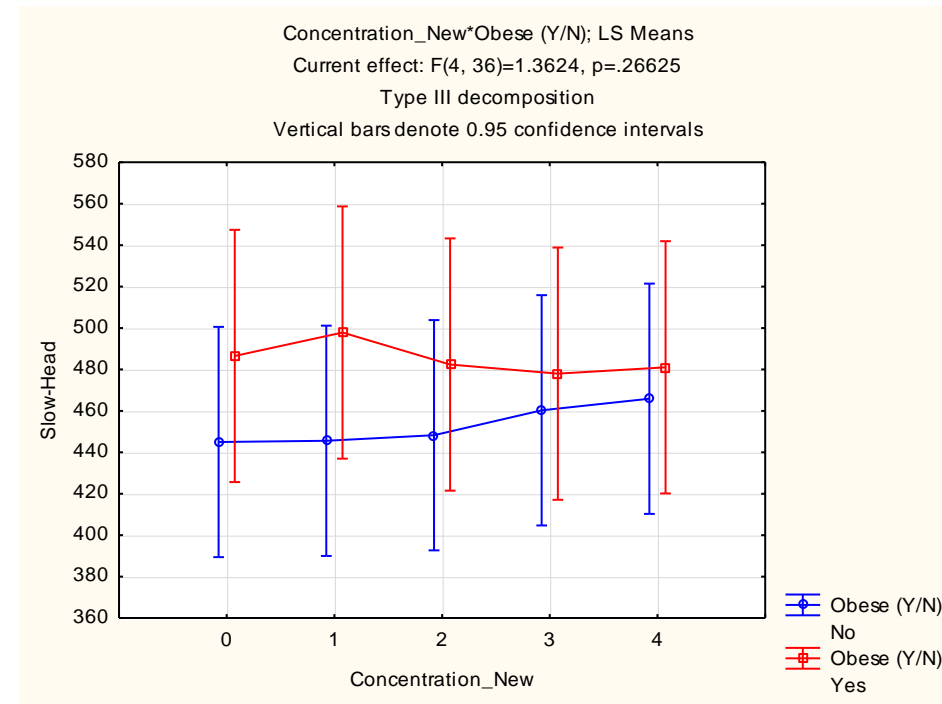
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=1.3624, p=.26625  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	0	No	444.9958	27.40461	389.4167	500.5750	24
2	0	Yes	486.5050	30.02024	425.6211	547.3889	20
3	1	No	445.5583	27.40461	389.9792	501.1375	24

4	1	Yes	497.8000	30.02024	436.9161	558.6839	20
5	2	No	448.2833	27.40461	392.7042	503.8625	24
6	2	Yes	482.3750	30.02024	421.4911	543.2589	20
7	3	No	460.2833	27.40461	404.7042	515.8625	24
8	3	Yes	477.9700	30.02024	417.0861	538.8539	20
9	4	No	465.8958	27.40461	410.3167	521.4750	24
10	4	Yes	481.0300	30.02024	420.1461	541.9139	20

### Concentration\_New\*Obese (Y/N); LS Means



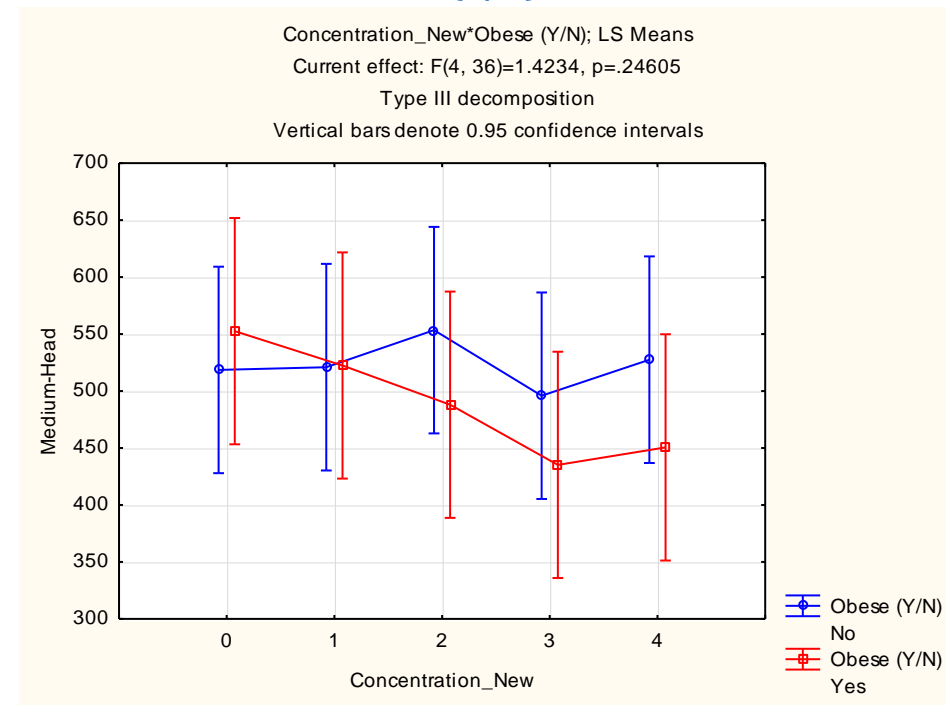
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=1.4234, p=.24605  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	0	No	518.5292	44.68691	427.8999	609.1584	24

2	0	Yes	552.5700	48.95206	453.2906	651.8494	20
3	1	No	520.9542	44.68691	430.3249	611.5834	24
4	1	Yes	522.4500	48.95206	423.1706	621.7294	20
5	2	No	553.4458	44.68691	462.8166	644.0751	24
6	2	Yes	488.0050	48.95206	388.7256	587.2844	20
7	3	No	495.9000	44.68691	405.2707	586.5293	24
8	3	Yes	435.2050	48.95206	335.9256	534.4844	20
9	4	No	527.5417	44.68691	436.9124	618.1709	24
10	4	Yes	450.5850	48.95206	351.3056	549.8644	20

**Concentration\_New\*Obese (Y/N); LS Means**

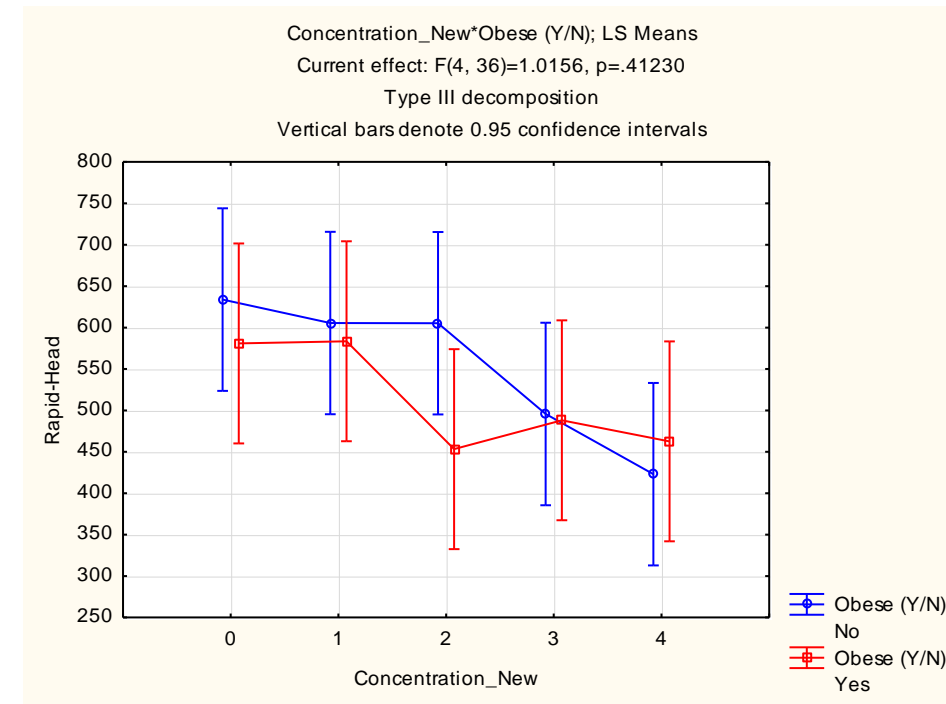


**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

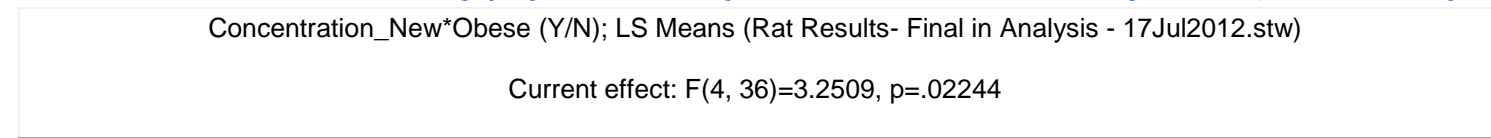
Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=1.0156, p=.41230							
Type III decomposition							
	<b>Concentration_New</b>	<b>Obese (Y/N)</b>	<b>Rapid-Head - Mean</b>	<b>Rapid-Head - Std.Err.</b>	<b>Rapid-Head - -95.00%</b>	<b>Rapid-Head - +95.00%</b>	<b>N</b>

Cell No.							
1	0	No	633.8000	54.31576	523.6425	743.9575	24
2	0	Yes	580.8600	59.49993	460.1885	701.5315	20
3	1	No	605.5125	54.31576	495.3550	715.6700	24
4	1	Yes	583.4750	59.49993	462.8035	704.1465	20
5	2	No	605.2667	54.31576	495.1092	715.4241	24
6	2	Yes	453.2500	59.49993	332.5785	573.9215	20
7	3	No	495.7000	54.31576	385.5425	605.8575	24
8	3	Yes	488.0700	59.49993	367.3985	608.7415	20
9	4	No	423.0208	54.31576	312.8634	533.1783	24
10	4	Yes	462.6000	59.49993	341.9285	583.2715	20

### Concentration\_New\*Obese (Y/N); LS Means

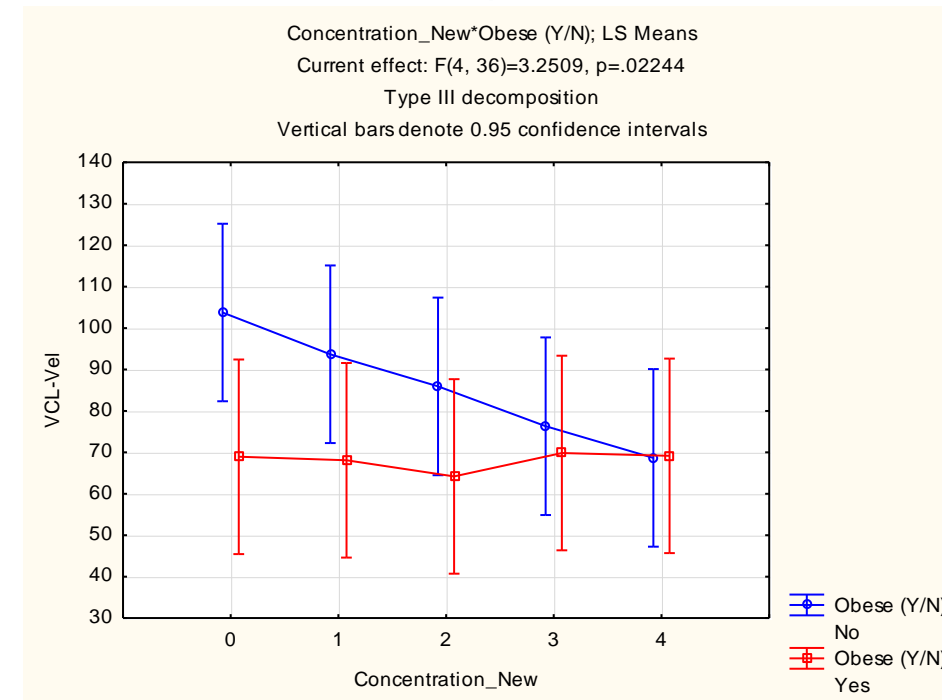


### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)



Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	0	No	103.7542	10.56536	82.32662	125.1817	24
2	0	Yes	68.9350	11.57377	45.46230	92.4077	20
3	1	No	93.6833	10.56536	72.25579	115.1109	24
4	1	Yes	68.0900	11.57377	44.61730	91.5627	20
5	2	No	85.9208	10.56536	64.49329	107.3484	24
6	2	Yes	64.1900	11.57377	40.71730	87.6627	20
7	3	No	76.3208	10.56536	54.89329	97.7484	24
8	3	Yes	69.8500	11.57377	46.37730	93.3227	20
9	4	No	68.6667	10.56536	47.23912	90.0942	24
10	4	Yes	69.1650	11.57377	45.69230	92.6377	20

### Concentration\_New\*Obese (Y/N); LS Means



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

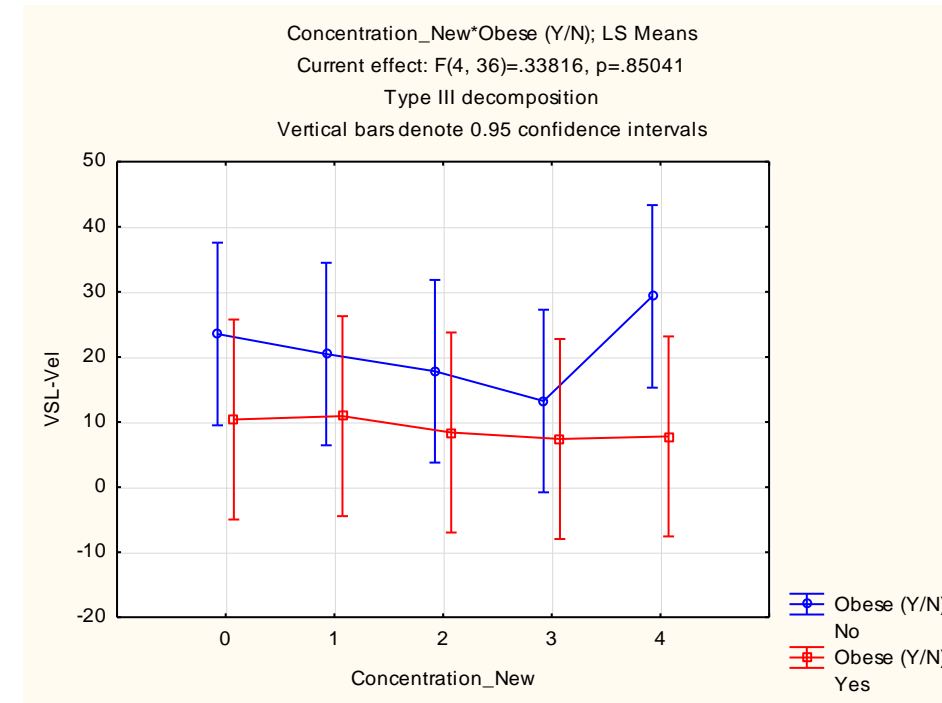
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.33816, p=.85041

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	0	No	23.52500	6.916622	9.49744	37.55256	24
2	0	Yes	10.38500	7.576780	-4.98142	25.75142	20
3	1	No	20.45000	6.916622	6.42244	34.47756	24
4	1	Yes	10.90500	7.576780	-4.46142	26.27142	20
5	2	No	17.80000	6.916622	3.77244	31.82756	24
6	2	Yes	8.38500	7.576780	-6.98142	23.75142	20
7	3	No	13.22500	6.916622	-0.80256	27.25256	24
8	3	Yes	7.39000	7.576780	-7.97642	22.75642	20
9	4	No	29.30833	6.916622	15.28077	43.33589	24
10	4	Yes	7.80000	7.576780	-7.56642	23.16642	20

**Concentration\_New\*Obese (Y/N); LS Means**



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

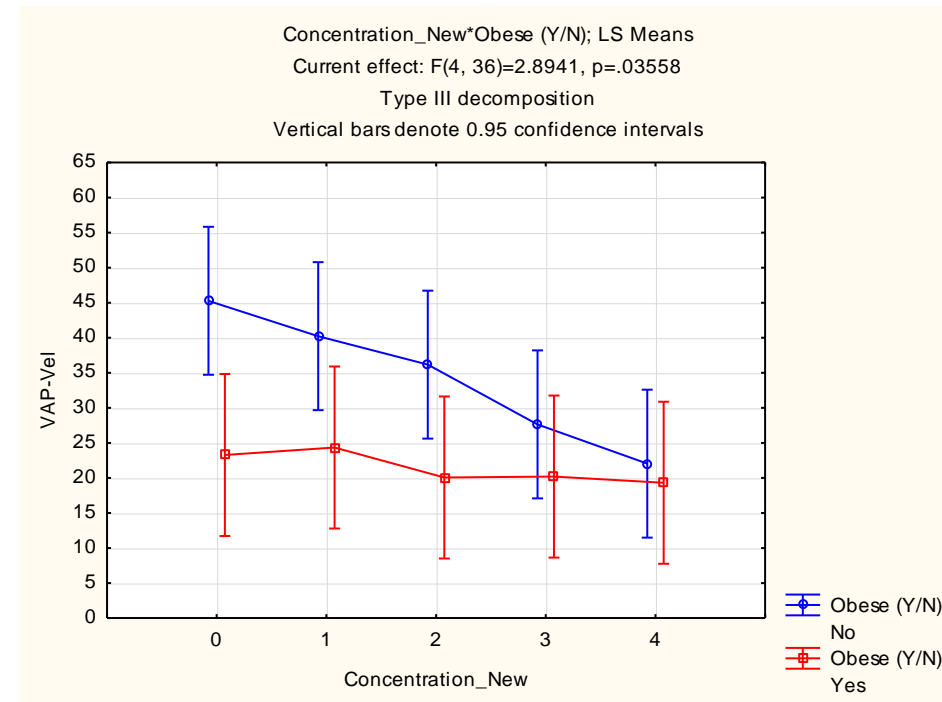
Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=2.8941, p=.03558  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	0	No	45.27083	5.204036	34.71656	55.82511	24
2	0	Yes	23.27000	5.700736	11.70837	34.83163	20
3	1	No	40.22083	5.204036	29.66656	50.77511	24
4	1	Yes	24.34000	5.700736	12.77837	35.90163	20
5	2	No	36.16667	5.204036	25.61239	46.72094	24
6	2	Yes	20.06500	5.700736	8.50337	31.62663	20
7	3	No	27.63333	5.204036	17.07906	38.18761	24
8	3	Yes	20.19500	5.700736	8.63337	31.75663	20
9	4	No	22.04167	5.204036	11.48739	32.59594	24



10	4	Yes	19.31000	5.700736	7.74837	30.87163	20
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**Concentration\_New\*Obese (Y/N); LS Means**



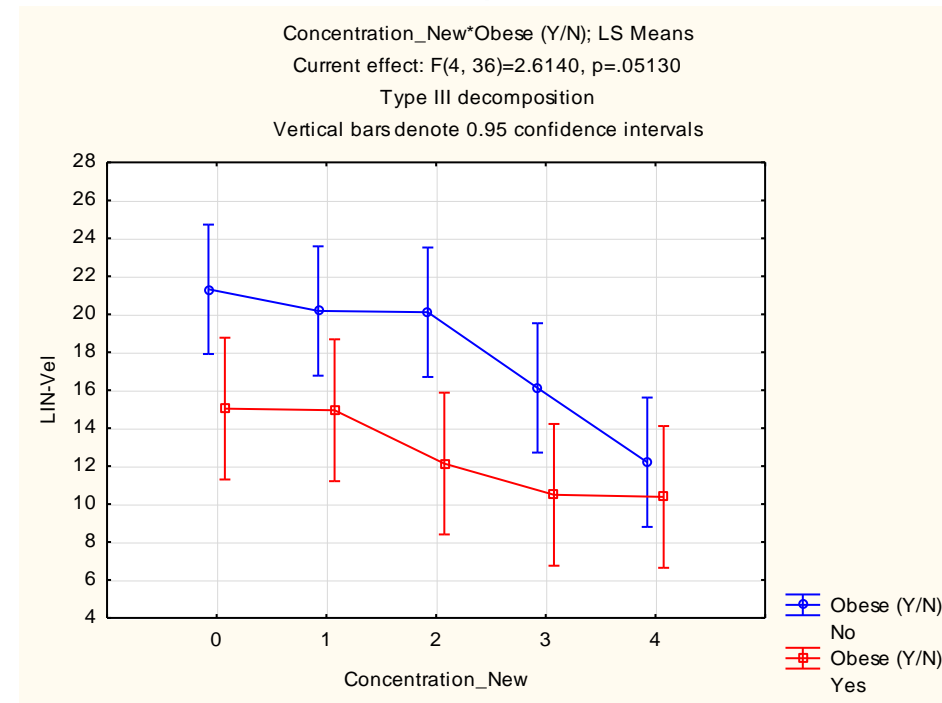
**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=2.6140, p=.05130  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	0	No	21.31667	1.680970	17.90750	24.72583	24
2	0	Yes	15.03000	1.841410	11.29545	18.76455	20
3	1	No	20.17500	1.680970	16.76583	23.58417	24
4	1	Yes	14.94500	1.841410	11.21045	18.67955	20
5	2	No	20.10833	1.680970	16.69917	23.51750	24
6	2	Yes	12.13500	1.841410	8.40045	15.86955	20
7	3	No	16.12083	1.680970	12.71167	19.53000	24

8	3	Yes	10.49000	1.841410	6.75545	14.22455	20
9	4	No	12.20417	1.680970	8.79500	15.61333	24
10	4	Yes	10.38000	1.841410	6.64545	14.11455	20

**Concentration\_New\*Obese (Y/N); LS Means**



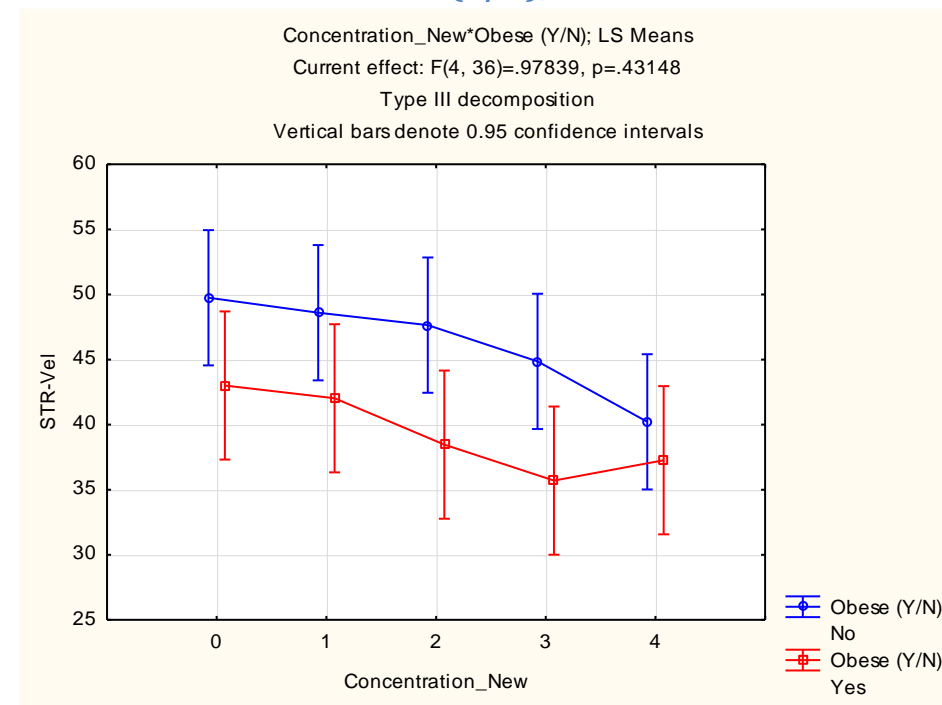
**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.97839, p=.43148  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	0	No	49.75000	2.561871	44.55428	54.94572	24
2	0	Yes	43.00500	2.806389	37.31338	48.69662	20
3	1	No	48.59583	2.561871	43.40012	53.79155	24
4	1	Yes	42.02500	2.806389	36.33338	47.71662	20
5	2	No	47.64583	2.561871	42.45012	52.84155	24

6	2	Yes	38.46500	2.806389	32.77338	44.15662	20
7	3	No	44.85833	2.561871	39.66262	50.05405	24
8	3	Yes	35.70000	2.806389	30.00838	41.39162	20
9	4	No	40.21667	2.561871	35.02095	45.41238	24
10	4	Yes	37.26500	2.806389	31.57338	42.95662	20

**Concentration\_New\*Obese (Y/N); LS Means**

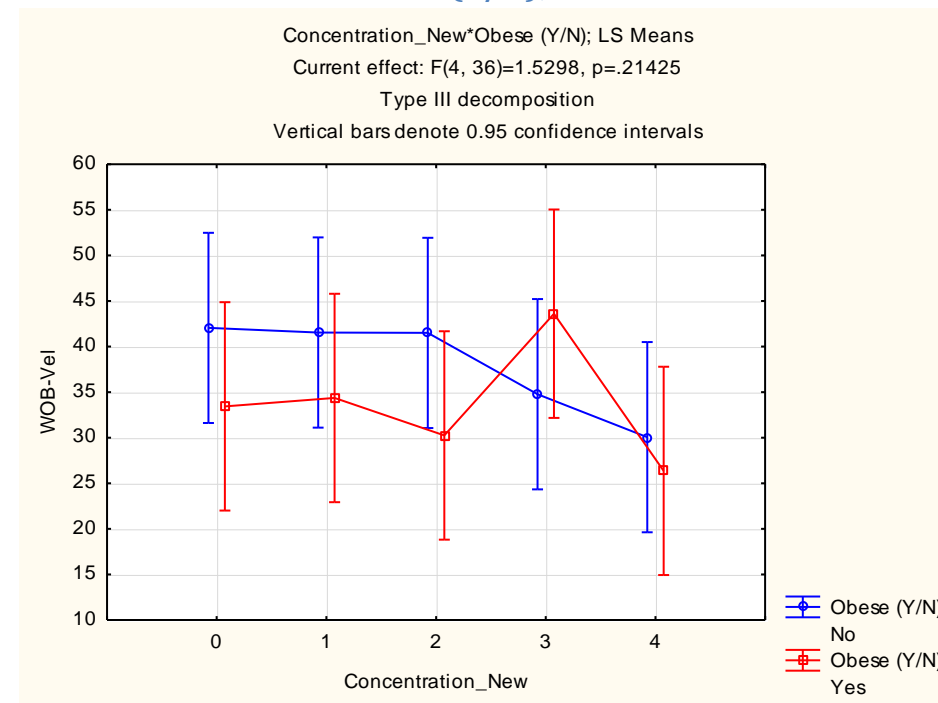


**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=1.5298, p=.21425							
Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	0	No	42.05417	5.144993	31.61964	52.48870	24
2	0	Yes	33.44000	5.636058	22.00955	44.87045	20
3	1	No	41.54583	5.144993	31.11130	51.98036	24

4	1	Yes	34.36500	5.636058	22.93455	45.79545	20
5	2	No	41.50417	5.144993	31.06964	51.93870	24
6	2	Yes	30.25500	5.636058	18.82455	41.68545	20
7	3	No	34.77500	5.144993	24.34047	45.20953	24
8	3	Yes	43.60500	5.636058	32.17455	55.03545	20
9	4	No	30.06250	5.144993	19.62797	40.49703	24
10	4	Yes	26.36500	5.636058	14.93455	37.79545	20

### Concentration\_New\*Obese (Y/N); LS Means



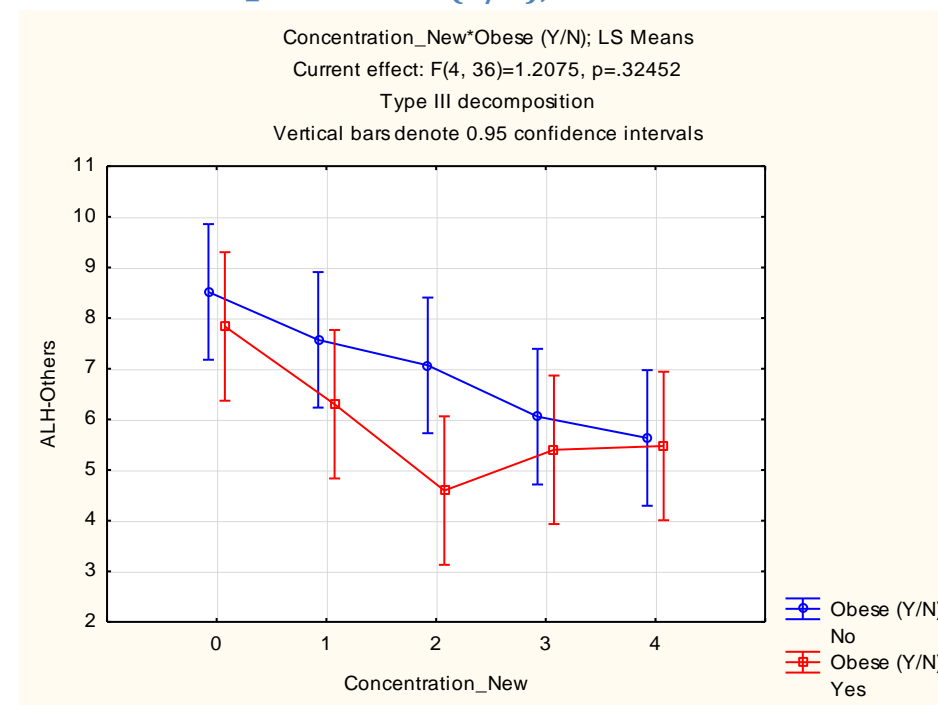
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=1.2075, p=.32452  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	0	No	8.516667	0.660212	7.177694	9.855639	24

2	0	Yes	7.835000	0.723226	6.368229	9.301771	20
3	1	No	7.570833	0.660212	6.231861	8.909806	24
4	1	Yes	6.300000	0.723226	4.833229	7.766771	20
5	2	No	7.066667	0.660212	5.727694	8.405639	24
6	2	Yes	4.595000	0.723226	3.128229	6.061771	20
7	3	No	6.054167	0.660212	4.715194	7.393139	24
8	3	Yes	5.400000	0.723226	3.933229	6.866771	20
9	4	No	5.633333	0.660212	4.294361	6.972306	24
10	4	Yes	5.475000	0.723226	4.008229	6.941771	20

### Concentration\_New\*Obese (Y/N); LS Means



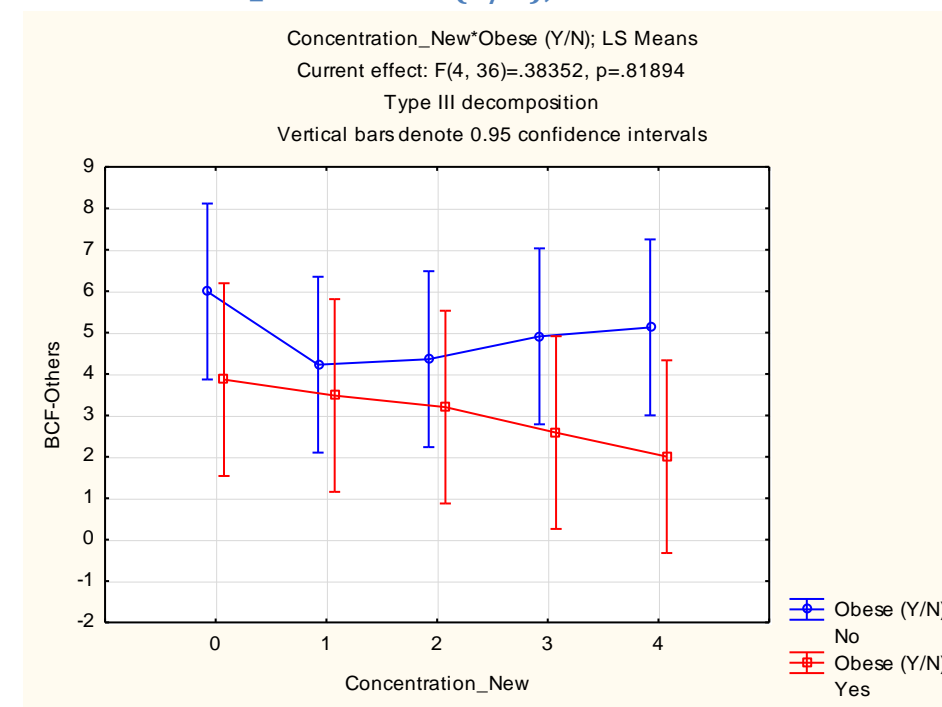
### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=.38352, p=.81894  
 Type III decomposition

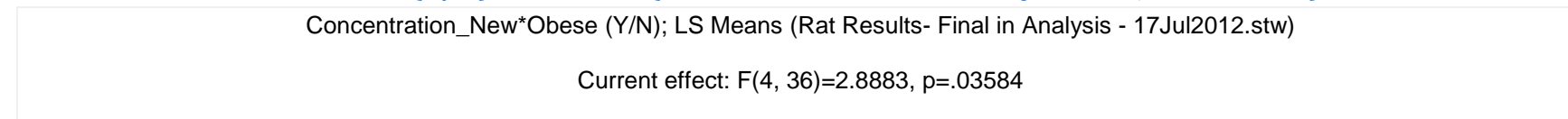
Concentration_New	Obese (Y/N)	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
0	No	8.5	0.723226	6.368229	9.301771	20
0	Yes	7.8	0.660212	6.231861	8.909806	24
1	No	7.5	0.723226	4.833229	7.766771	20
1	Yes	6.3	0.660212	5.727694	8.405639	24
2	No	7.0	0.723226	3.128229	6.061771	20
2	Yes	4.6	0.660212	4.715194	7.393139	24
3	No	6.0	0.723226	3.933229	6.866771	20
3	Yes	5.4	0.660212	4.294361	6.972306	24
4	No	5.5	0.723226	4.008229	6.941771	20
4	Yes	5.5	0.660212	4.008229	6.941771	20

Cell No.							
1	0	No	5.991667	1.047219	3.867808	8.115526	24
2	0	Yes	3.865000	1.147171	1.538429	6.191571	20
3	1	No	4.225000	1.047219	2.101141	6.348859	24
4	1	Yes	3.480000	1.147171	1.153429	5.806571	20
5	2	No	4.358333	1.047219	2.234474	6.482192	24
6	2	Yes	3.200000	1.147171	0.873429	5.526571	20
7	3	No	4.908333	1.047219	2.784474	7.032192	24
8	3	Yes	2.585000	1.147171	0.258429	4.911571	20
9	4	No	5.125000	1.047219	3.001141	7.248859	24
10	4	Yes	2.005000	1.147171	-0.321571	4.331571	20

### Concentration\_New\*Obese (Y/N); LS Means

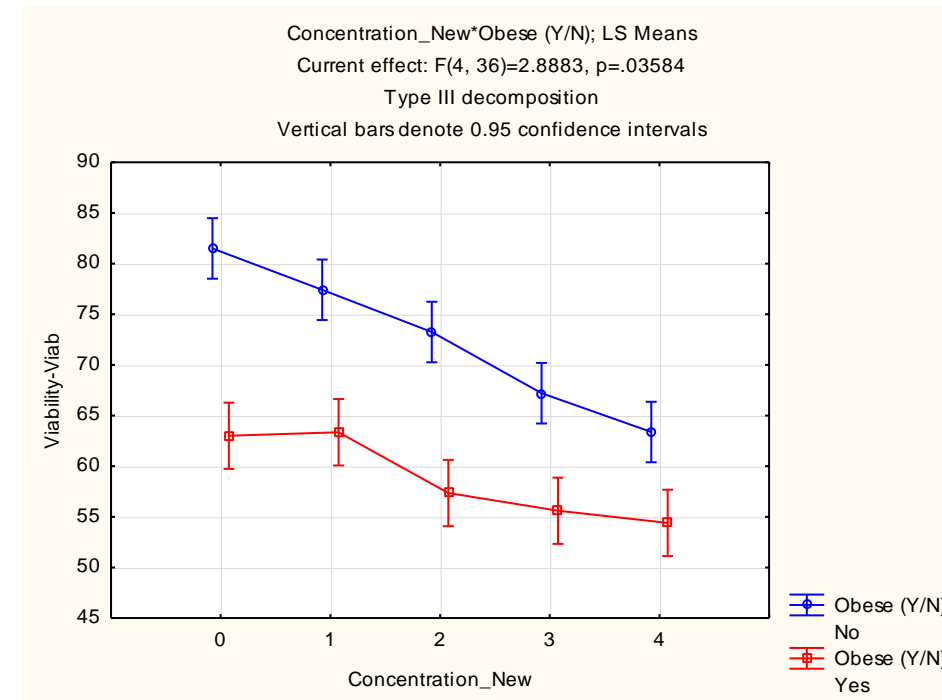


### Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)



Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	0	No	81.50000	1.473578	78.51145	84.48855	24
2	0	Yes	63.00000	1.614223	59.72620	66.27380	20
3	1	No	77.41667	1.473578	74.42811	80.40522	24
4	1	Yes	63.35000	1.614223	60.07620	66.62380	20
5	2	No	73.25000	1.473578	70.26145	76.23855	24
6	2	Yes	57.35000	1.614223	54.07620	60.62380	20
7	3	No	67.20833	1.473578	64.21978	70.19689	24
8	3	Yes	55.60000	1.614223	52.32620	58.87380	20
9	4	No	63.37500	1.473578	60.38645	66.36355	24
10	4	Yes	54.40000	1.614223	51.12620	57.67380	20

### Concentration\_New\*Obese (Y/N); LS Means



**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

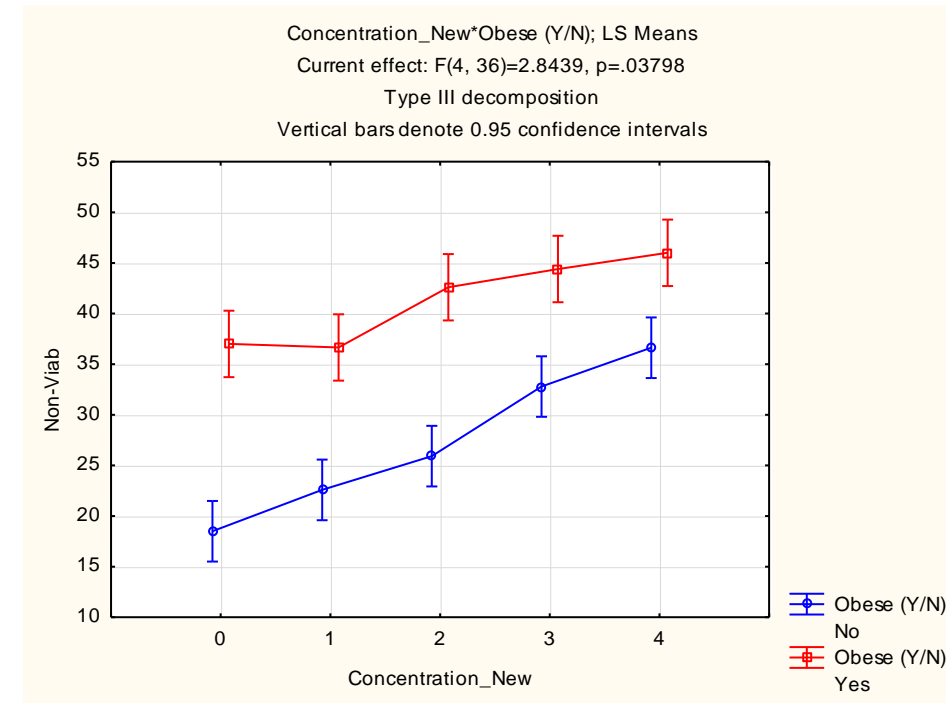
Current effect: F(4, 36)=2.8439, p=.03798

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	0	No	18.50000	1.476450	15.50562	21.49438	24
2	0	Yes	37.00000	1.617370	33.71982	40.28018	20
3	1	No	22.58333	1.476450	19.58895	25.57771	24
4	1	Yes	36.65000	1.617370	33.36982	39.93018	20
5	2	No	25.91667	1.476450	22.92229	28.91105	24
6	2	Yes	42.60000	1.617370	39.31982	45.88018	20
7	3	No	32.79167	1.476450	29.79729	35.78605	24
8	3	Yes	44.40000	1.617370	41.11982	47.68018	20
9	4	No	36.62500	1.476450	33.63062	39.61938	24
10	4	Yes	46.00000	1.617370	42.71982	49.28018	20



**Concentration\_New\*Obese (Y/N); LS Means**



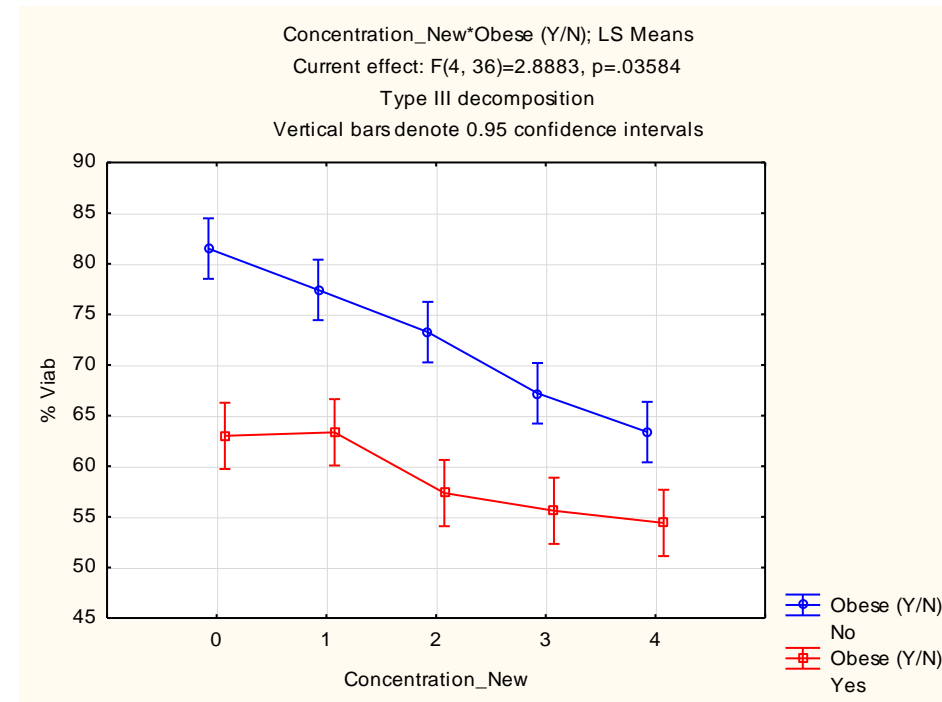
**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(4, 36)=2.8883, p=.03584  
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	0	No	81.50000	1.473578	78.51145	84.48855	24
2	0	Yes	63.00000	1.614223	59.72620	66.27380	20
3	1	No	77.41667	1.473578	74.42811	80.40522	24
4	1	Yes	63.35000	1.614223	60.07620	66.62380	20
5	2	No	73.25000	1.473578	70.26145	76.23855	24
6	2	Yes	57.35000	1.614223	54.07620	60.62380	20
7	3	No	67.20833	1.473578	64.21978	70.19689	24
8	3	Yes	55.60000	1.614223	52.32620	58.87380	20
9	4	No	63.37500	1.473578	60.38645	66.36355	24

10	4	Yes	54.40000	1.614223	51.12620	57.67380	20
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**Concentration\_New\*Obese (Y/N); LS Means**



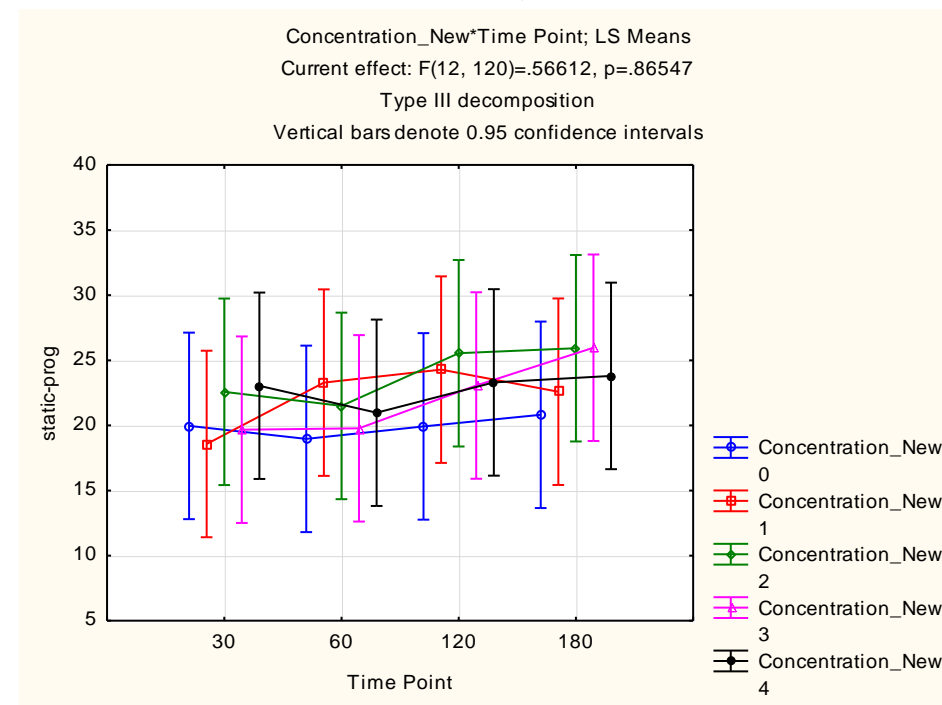
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.56612, p=.86547  
 Type III decomposition

Cell No.	Concentration_New	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	0	30	19.96125	3.616504	12.80082	27.12168	11
2	0	60	18.96301	3.616504	11.80258	26.12343	11
3	0	120	19.92519	3.616504	12.76476	27.08562	11
4	0	180	20.81722	3.616504	13.65679	27.97765	11
5	1	30	18.57606	3.616504	11.41563	25.73649	11
6	1	60	23.28691	3.616504	16.12648	30.44734	11
7	1	120	24.28545	3.616504	17.12503	31.44588	11

8	1	180	22.58658	3.616504	15.42615	29.74700	11
9	2	30	22.58148	3.616504	15.42105	29.74190	11
10	2	60	21.50142	3.616504	14.34099	28.66184	11
11	2	120	25.54542	3.616504	18.38499	32.70584	11
12	2	180	25.92836	3.616504	18.76793	33.08878	11
13	3	30	19.67367	3.616504	12.51325	26.83410	11
14	3	60	19.77543	3.616504	12.61500	26.93586	11
15	3	120	23.06489	3.616504	15.90446	30.22531	11
16	3	180	25.96601	3.616504	18.80558	33.12643	11
17	4	30	23.04420	3.616504	15.88378	30.20463	11
18	4	60	20.97323	3.616504	13.81281	28.13366	11
19	4	120	23.29905	3.616504	16.13863	30.45948	11
20	4	180	23.80017	3.616504	16.63975	30.96060	11

### Concentration\_New\*Time Point; LS Means



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

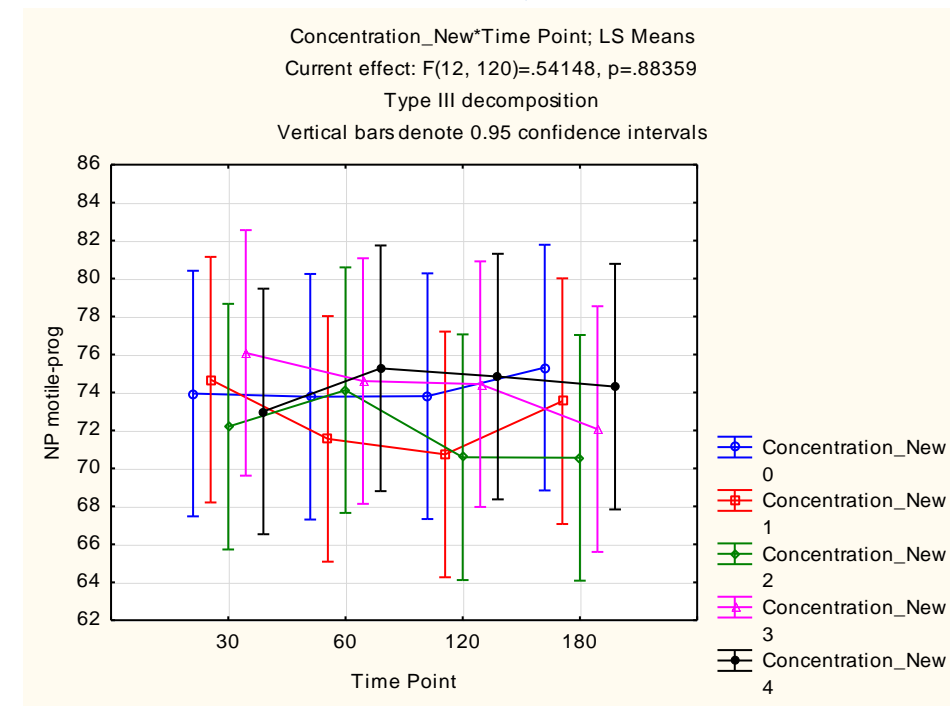
Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(12, 120)=.54148, p=.88359

Type III decomposition

Cell No.	Concentration_New	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	0	30	73.94355	3.267398	67.47433	80.41277	11
2	0	60	73.77664	3.267398	67.30742	80.24586	11
3	0	120	73.80570	3.267398	67.33648	80.27492	11
4	0	180	75.31079	3.267398	68.84157	81.78001	11
5	1	30	74.67510	3.267398	68.20588	81.14432	11
6	1	60	71.55364	3.267398	65.08442	78.02286	11
7	1	120	70.73725	3.267398	64.26803	77.20647	11
8	1	180	73.54234	3.267398	67.07312	80.01156	11
9	2	30	72.20002	3.267398	65.73080	78.66924	11
10	2	60	74.12402	3.267398	67.65480	80.59324	11
11	2	120	70.58945	3.267398	64.12023	77.05867	11
12	2	180	70.55817	3.267398	64.08895	77.02739	11
13	3	30	76.08748	3.267398	69.61826	82.55670	11
14	3	60	74.60239	3.267398	68.13317	81.07161	11
15	3	120	74.44055	3.267398	67.97133	80.90977	11
16	3	180	72.07291	3.267398	65.60369	78.54213	11
17	4	30	73.00385	3.267398	66.53463	79.47307	11
18	4	60	75.27330	3.267398	68.80408	81.74252	11
19	4	120	74.83873	3.267398	68.36951	81.30795	11
20	4	180	74.30745	3.267398	67.83823	80.77667	11

### Concentration\_New\*Time Point; LS Means



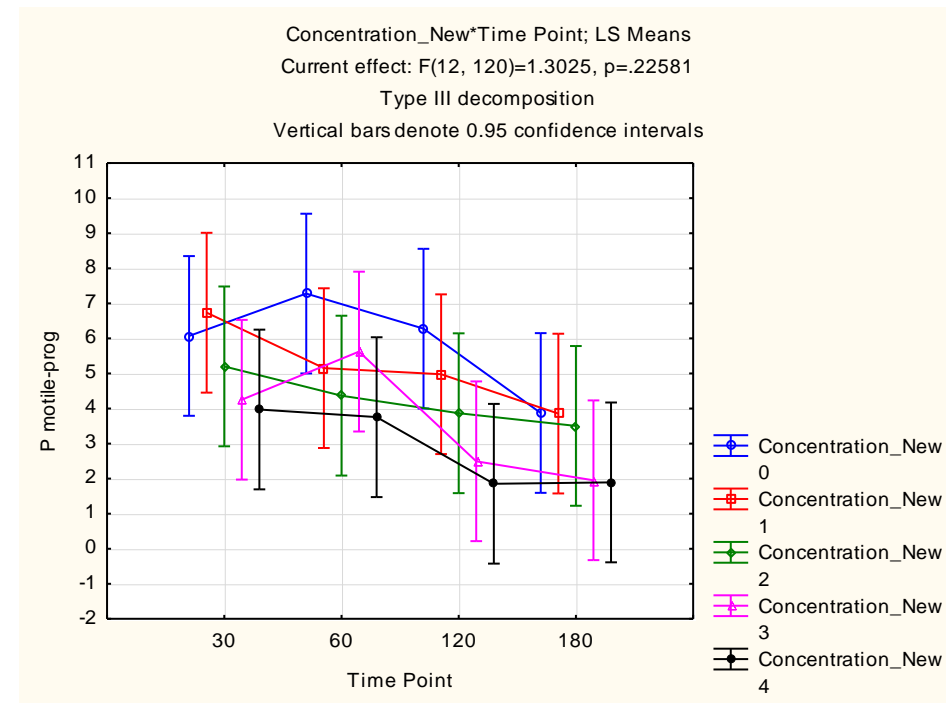
### Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(12, 120)=1.3025, p=.22581$   
 Type III decomposition

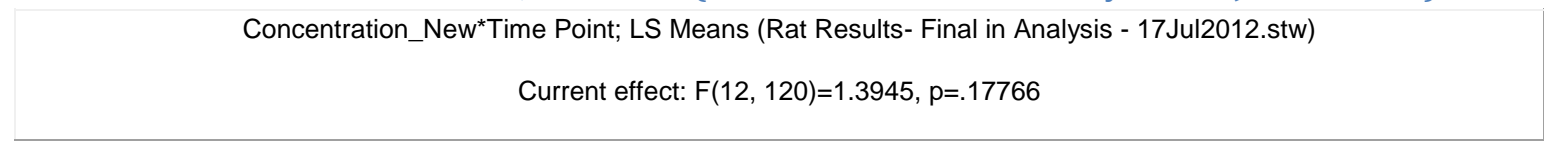
Cell No.	Concentration_New	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	0	30	6.068902	1.150773	3.790452	8.347352	11
2	0	60	7.278568	1.150773	5.000118	9.557018	11
3	0	120	6.277568	1.150773	3.999118	8.556018	11
4	0	180	3.871629	1.150773	1.593179	6.150079	11
5	1	30	6.732576	1.150773	4.454126	9.011026	11
6	1	60	5.151333	1.150773	2.872883	7.429783	11
7	1	120	4.977606	1.150773	2.699156	7.256056	11
8	1	180	3.853485	1.150773	1.575035	6.131935	11
9	2	30	5.201212	1.150773	2.922762	7.479662	11

10	2	60	4.365424	1.150773	2.086974	6.643874	11
11	2	120	3.864424	1.150773	1.585974	6.142874	11
12	2	180	3.503939	1.150773	1.225489	5.782389	11
13	3	30	4.249735	1.150773	1.971285	6.528185	11
14	3	60	5.623038	1.150773	3.344588	7.901488	11
15	3	120	2.494765	1.150773	0.216315	4.773215	11
16	3	180	1.952462	1.150773	-0.325988	4.230912	11
17	4	30	3.970909	1.150773	1.692459	6.249359	11
18	4	60	3.753303	1.150773	1.474853	6.031753	11
19	4	120	1.852303	1.150773	-0.426147	4.130753	11
20	4	180	1.891818	1.150773	-0.386632	4.170268	11

**Concentration\_New\*Time Point; LS Means**



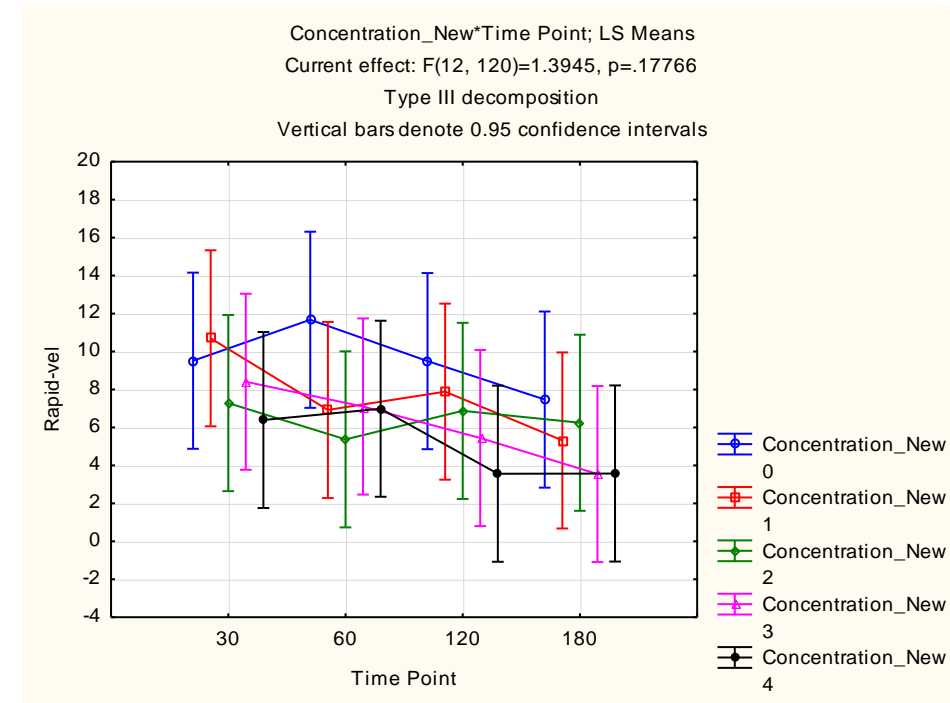
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**



Type III decomposition

Cell No.	Concentration_New	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	0	30	9.51429	2.342692	4.87592	14.15266	11
2	0	60	11.67456	2.342692	7.03619	16.31293	11
3	0	120	9.49523	2.342692	4.85686	14.13359	11
4	0	180	7.46926	2.342692	2.83089	12.10762	11
5	1	30	10.69770	2.342692	6.05933	15.33606	11
6	1	60	6.92161	2.342692	2.28324	11.55997	11
7	1	120	7.88773	2.342692	3.24936	12.52609	11
8	1	180	5.31630	2.342692	0.67794	9.95467	11
9	2	30	7.28417	2.342692	2.64581	11.92254	11
10	2	60	5.37172	2.342692	0.73335	10.01009	11
11	2	120	6.87420	2.342692	2.23584	11.51257	11
12	2	180	6.24823	2.342692	1.60987	10.88660	11
13	3	30	8.40777	2.342692	3.76941	13.04614	11
14	3	60	7.10441	2.342692	2.46604	11.74278	11
15	3	120	5.44326	2.342692	0.80489	10.08162	11
16	3	180	3.54456	2.342692	-1.09381	8.18293	11
17	4	30	6.39107	2.342692	1.75270	11.02944	11
18	4	60	6.98770	2.342692	2.34934	11.62607	11
19	4	120	3.56292	2.342692	-1.07545	8.20128	11
20	4	180	3.57331	2.342692	-1.06506	8.21168	11

**Concentration\_New\*Time Point; LS Means**



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

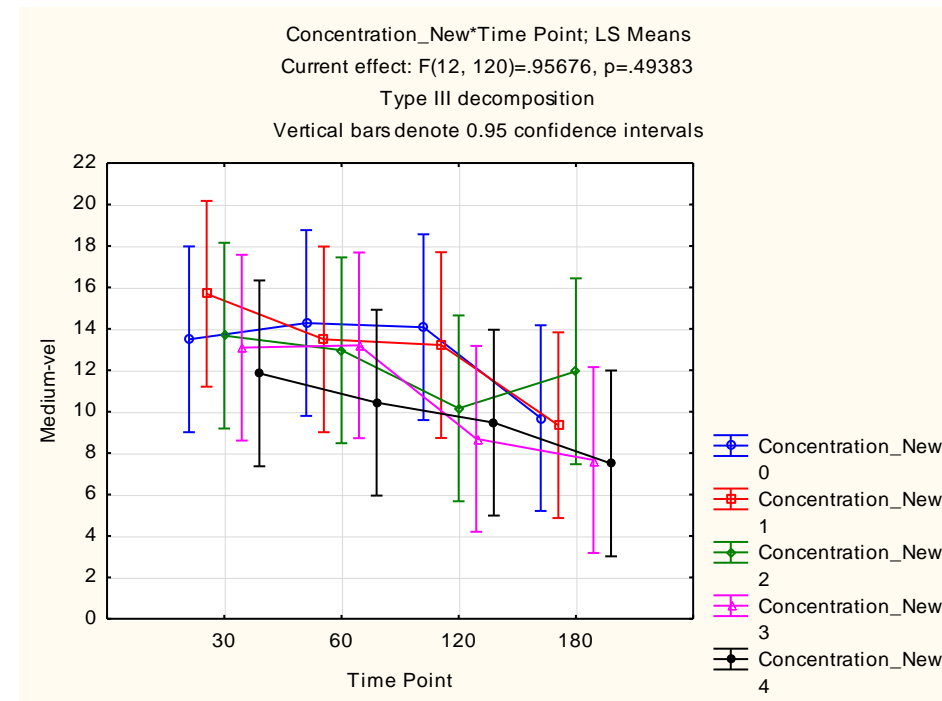
Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.95676, p=.49383  
 Type III decomposition

Cell No.	Concentration_New	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	0	30	13.49377	2.264826	9.00958	17.97797	11
2	0	60	14.27953	2.264826	9.79533	18.76373	11
3	0	120	14.07662	2.264826	9.59242	18.56082	11
4	0	180	9.69008	2.264826	5.20588	14.17427	11
5	1	30	15.68779	2.264826	11.20359	20.17199	11
6	1	60	13.49173	2.264826	9.00753	17.97592	11
7	1	120	13.21609	2.264826	8.73189	17.70029	11
8	1	180	9.34773	2.264826	4.86353	13.83192	11
9	2	30	13.67044	2.264826	9.18624	18.15464	11

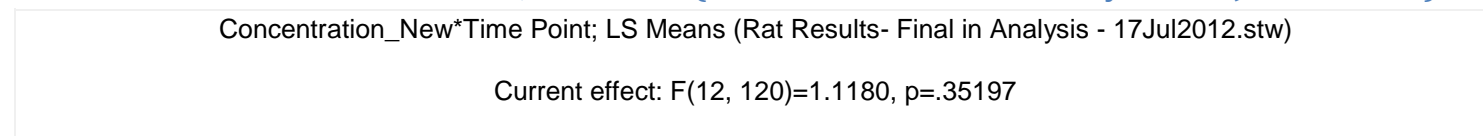


10	2	60	12.96529	2.264826	8.48109	17.44949	11
11	2	120	10.16238	2.264826	5.67818	14.64658	11
12	2	180	11.94856	2.264826	7.46436	16.43276	11
13	3	30	13.08945	2.264826	8.60526	17.57365	11
14	3	60	13.20248	2.264826	8.71829	17.68668	11
15	3	120	8.69048	2.264826	4.20629	13.17468	11
16	3	180	7.66758	2.264826	3.18338	12.15177	11
17	4	30	11.85021	2.264826	7.36601	16.33441	11
18	4	60	10.43597	2.264826	5.95177	14.92017	11
19	4	120	9.46942	2.264826	4.98523	13.95362	11
20	4	180	7.50106	2.264826	3.01686	11.98526	11

**Concentration\_New\*Time Point; LS Means**



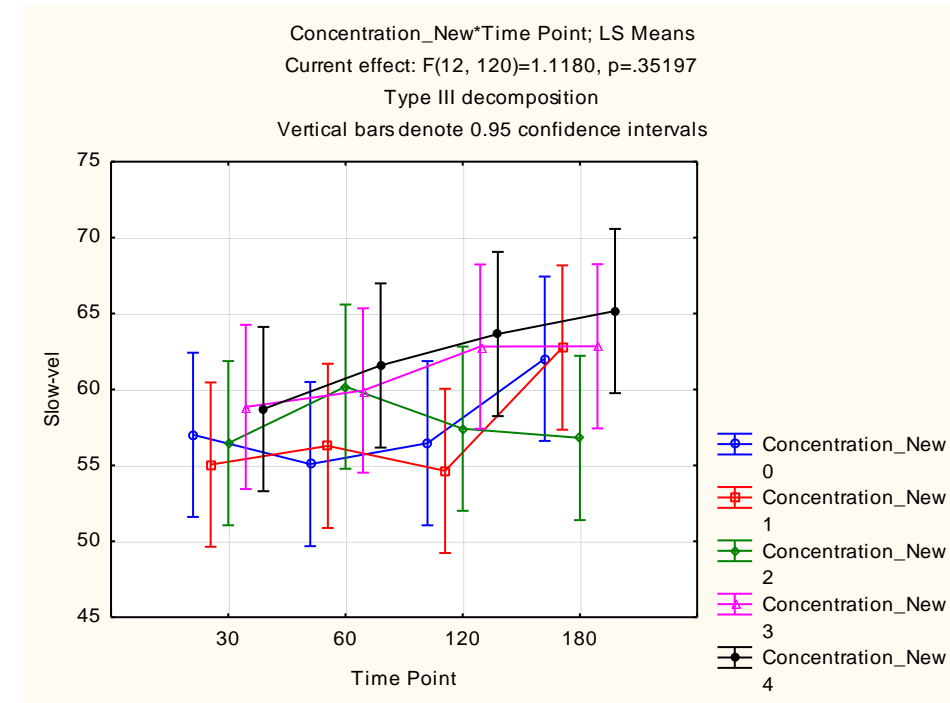
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**



## Type III decomposition

Cell No.	Concentration_New	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	0	30	57.01747	2.732104	51.60809	62.42684	11
2	0	60	55.08802	2.732104	49.67864	60.49739	11
3	0	120	56.46211	2.732104	51.05273	61.87148	11
4	0	180	62.02741	2.732104	56.61803	67.43678	11
5	1	30	55.05311	2.732104	49.64374	60.46249	11
6	1	60	56.28730	2.732104	50.87792	61.69667	11
7	1	120	54.64320	2.732104	49.23383	60.05258	11
8	1	180	62.76305	2.732104	57.35368	68.17243	11
9	2	30	56.46330	2.732104	51.05393	61.87268	11
10	2	60	60.18839	2.732104	54.77902	65.59777	11
11	2	120	57.41703	2.732104	52.00766	62.82641	11
12	2	180	56.80961	2.732104	51.40023	62.21898	11
13	3	30	58.85334	2.732104	53.44397	64.26272	11
14	3	60	59.93298	2.732104	54.52360	65.34235	11
15	3	120	62.82525	2.732104	57.41588	68.23462	11
16	3	180	62.84510	2.732104	57.43572	68.25447	11
17	4	30	58.71111	2.732104	53.30173	64.12048	11
18	4	60	61.58165	2.732104	56.17228	66.99103	11
19	4	120	63.65574	2.732104	58.24637	69.06512	11
20	4	180	65.16650	2.732104	59.75713	70.57587	11

**Concentration\_New\*Time Point; LS Means**



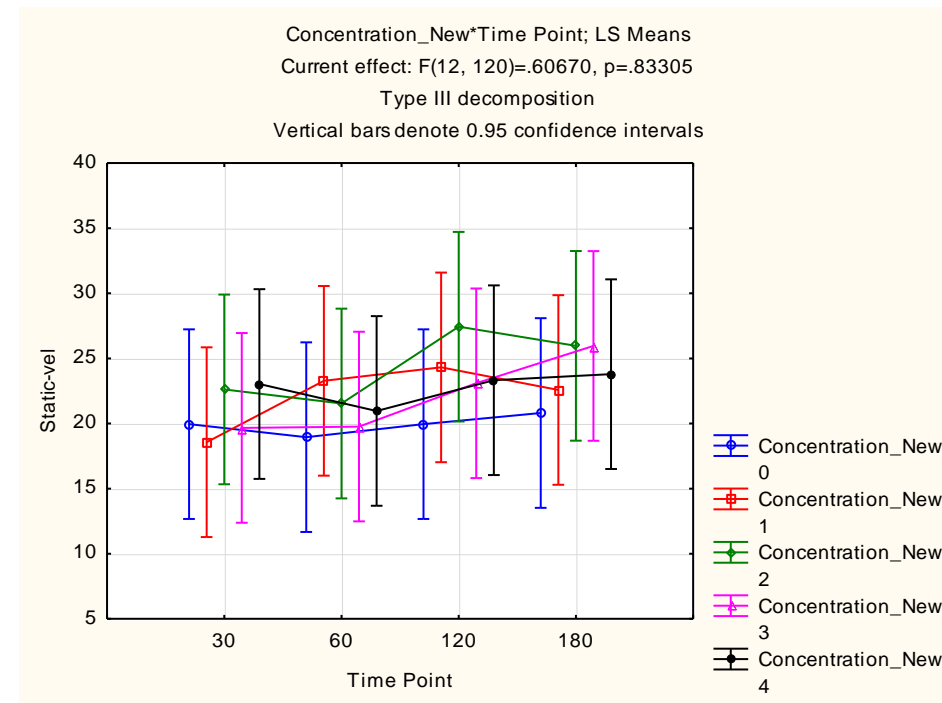
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.60670, p=.83305  
 Type III decomposition

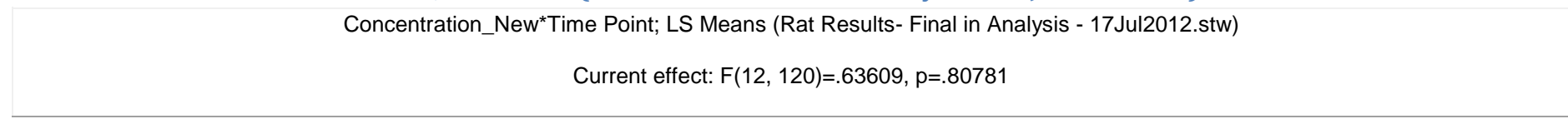
Cell No.	Concentration_New	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	0	30	19.95216	3.677931	12.67011	27.23421	11
2	0	60	18.95392	3.677931	11.67187	26.23596	11
3	0	120	19.95246	3.677931	12.67041	27.23451	11
4	0	180	20.80813	3.677931	13.52608	28.09018	11
5	1	30	18.56697	3.677931	11.28492	25.84902	11
6	1	60	23.27782	3.677931	15.99577	30.55987	11
7	1	120	24.31273	3.677931	17.03068	31.59478	11
8	1	180	22.57748	3.677931	15.29544	29.85953	11
9	2	30	22.61784	3.677931	15.33579	29.89989	11

10	2	60	21.53778	3.677931	14.25573	28.81983	11
11	2	120	27.43633	3.677931	20.15428	34.71837	11
12	2	180	25.96472	3.677931	18.68267	33.24677	11
13	3	30	19.66458	3.677931	12.38254	26.94663	11
14	3	60	19.76634	3.677931	12.48429	27.04839	11
15	3	120	23.09216	3.677931	15.81011	30.37421	11
16	3	180	25.95692	3.677931	18.67487	33.23896	11
17	4	30	23.03511	3.677931	15.75307	30.31716	11
18	4	60	20.96414	3.677931	13.68210	28.24619	11
19	4	120	23.32633	3.677931	16.04428	30.60837	11
20	4	180	23.79108	3.677931	16.50904	31.07313	11

**Concentration\_New\*Time Point; LS Means**



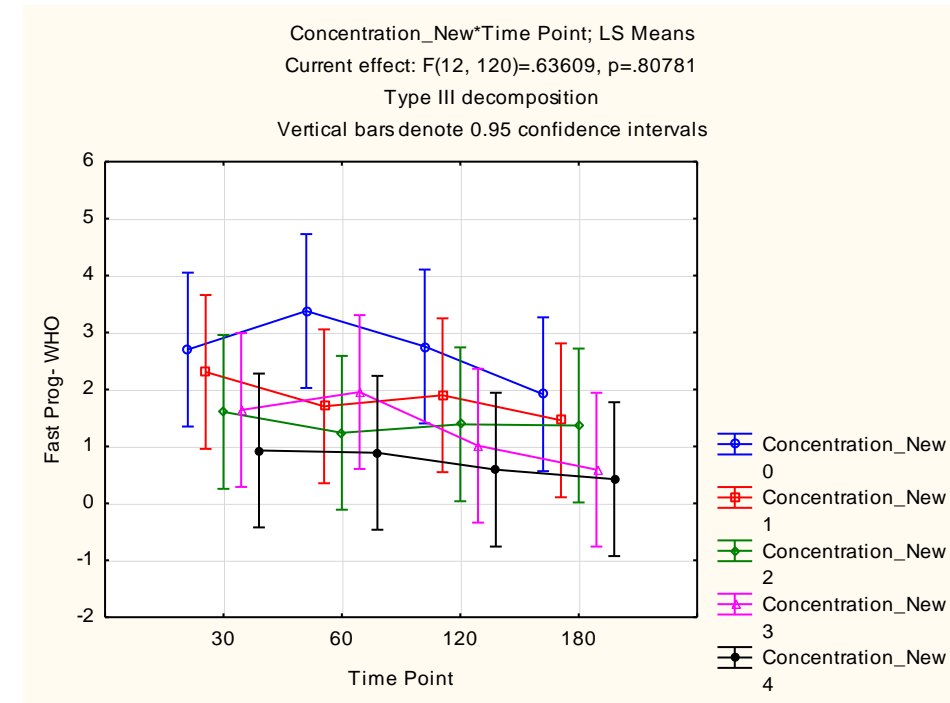
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**



## Type III decomposition

Cell No.	Concentration_New	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	0	30	2.700758	0.682302	1.349847	4.051668	11
2	0	60	3.378909	0.682302	2.027998	4.729820	11
3	0	120	2.755909	0.682302	1.404998	4.106820	11
4	0	180	1.916091	0.682302	0.565180	3.267002	11
5	1	30	2.307614	0.682302	0.956703	3.658525	11
6	1	60	1.703947	0.682302	0.353036	3.054858	11
7	1	120	1.899129	0.682302	0.548218	3.250040	11
8	1	180	1.459311	0.682302	0.108400	2.810222	11
9	2	30	1.606439	0.682302	0.255528	2.957350	11
10	2	60	1.239136	0.682302	-0.111775	2.590047	11
11	2	120	1.388864	0.682302	0.037953	2.739775	11
12	2	180	1.367227	0.682302	0.016316	2.718138	11
13	3	30	1.640114	0.682302	0.289203	2.991025	11
14	3	60	1.954629	0.682302	0.603718	3.305540	11
15	3	120	1.013447	0.682302	-0.337464	2.364358	11
16	3	180	0.591811	0.682302	-0.759100	1.942722	11
17	4	30	0.928409	0.682302	-0.422502	2.279320	11
18	4	60	0.888379	0.682302	-0.462532	2.239290	11
19	4	120	0.592652	0.682302	-0.758259	1.943562	11
20	4	180	0.425561	0.682302	-0.925350	1.776472	11

**Concentration\_New\*Time Point; LS Means**



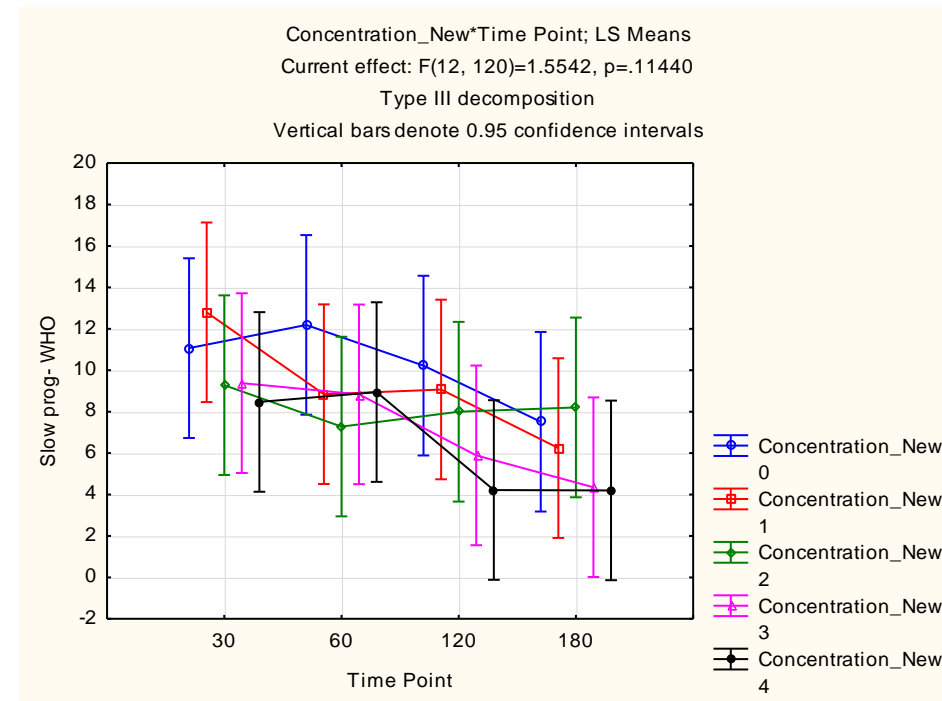
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.5542, p=.11440  
 Type III decomposition

Cell No.	Concentration_New	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	0	30	11.06658	2.189883	6.730761	15.40239	11
2	0	60	12.18791	2.189883	7.852094	16.52372	11
3	0	120	10.22379	2.189883	5.887973	14.55960	11
4	0	180	7.51339	2.189883	3.177579	11.84921	11
5	1	30	12.79688	2.189883	8.461064	17.13269	11
6	1	60	8.84548	2.189883	4.509670	13.18130	11
7	1	120	9.07227	2.189883	4.736458	13.40809	11
8	1	180	6.24370	2.189883	1.907882	10.57951	11
9	2	30	9.27851	2.189883	4.942693	13.61432	11

10	2	60	7.28166	2.189883	2.945844	11.61747	11
11	2	120	7.99936	2.189883	3.663541	12.33517	11
12	2	180	8.20714	2.189883	3.871329	12.54296	11
13	3	30	9.37911	2.189883	5.043299	13.71493	11
14	3	60	8.83681	2.189883	4.500996	13.17263	11
15	3	120	5.89087	2.189883	1.555056	10.22669	11
16	3	180	4.35320	2.189883	0.017390	8.68902	11
17	4	30	8.47059	2.189883	4.134776	12.80641	11
18	4	60	8.94647	2.189883	4.610655	13.28228	11
19	4	120	4.21871	2.189883	-0.117103	8.55453	11
20	4	180	4.19923	2.189883	-0.136588	8.53504	11

**Concentration\_New\*Time Point; LS Means**



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

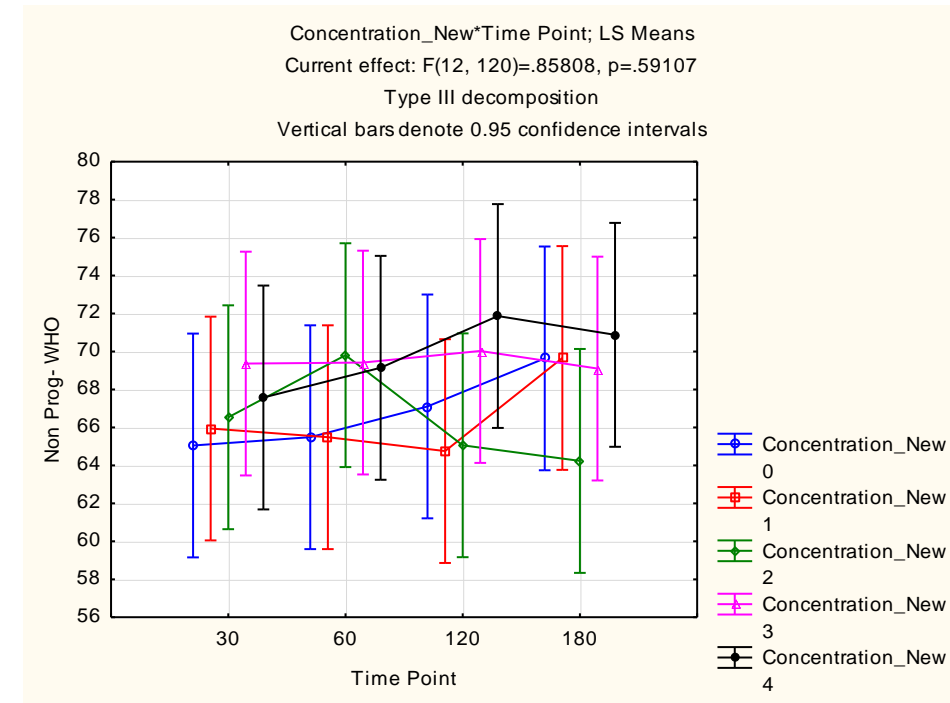
Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.85808, p=.59107

## Type III decomposition

Cell No.	Concentration_New	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	0	30	65.04869	2.977382	59.15368	70.94370	11
2	0	60	65.48484	2.977382	59.58983	71.37985	11
3	0	120	67.10663	2.977382	61.21162	73.00164	11
4	0	180	69.63984	2.977382	63.74483	75.53485	11
5	1	30	65.94346	2.977382	60.04845	71.83847	11
6	1	60	65.48870	2.977382	59.59370	71.38371	11
7	1	120	64.75595	2.977382	58.86094	70.65096	11
8	1	180	69.66189	2.977382	63.76688	75.55690	11
9	2	30	66.53683	2.977382	60.64182	72.43184	11
10	2	60	69.80935	2.977382	63.91434	75.70436	11
11	2	120	65.05841	2.977382	59.16340	70.95342	11
12	2	180	64.23708	2.977382	58.34207	70.13208	11
13	3	30	69.36384	2.977382	63.46883	75.25885	11
14	3	60	69.41817	2.977382	63.52317	75.31318	11
15	3	120	70.03087	2.977382	64.13586	75.92588	11
16	3	180	69.10045	2.977382	63.20544	74.99546	11
17	4	30	67.57884	2.977382	61.68383	73.47385	11
18	4	60	69.14227	2.977382	63.24726	75.03727	11
19	4	120	71.87314	2.977382	65.97813	77.76815	11
20	4	180	70.87908	2.977382	64.98407	76.77409	11



**Concentration\_New\*Time Point; LS Means**



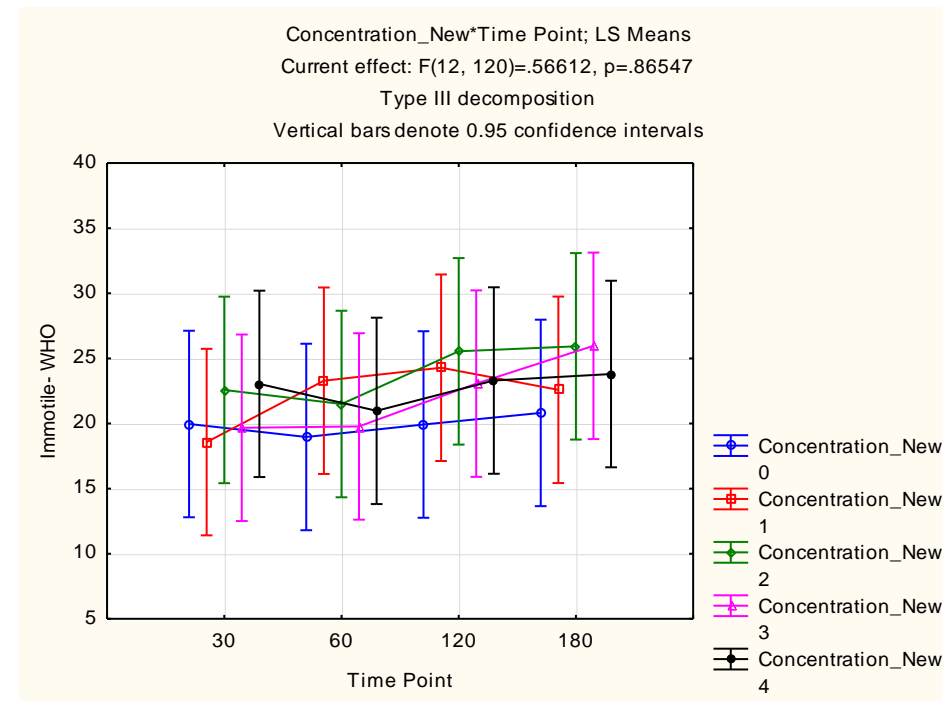
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.56612, p=.86547  
 Type III decomposition

Cell No.	Concentration_New	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	0	30	19.96125	3.616504	12.80082	27.12168	11
2	0	60	18.96301	3.616504	11.80258	26.12343	11
3	0	120	19.92519	3.616504	12.76476	27.08562	11
4	0	180	20.81722	3.616504	13.65679	27.97765	11
5	1	30	18.57606	3.616504	11.41563	25.73649	11
6	1	60	23.28691	3.616504	16.12648	30.44734	11
7	1	120	24.28545	3.616504	17.12503	31.44588	11
8	1	180	22.58658	3.616504	15.42615	29.74700	11
9	2	30	22.58148	3.616504	15.42105	29.74190	11

10	2	60	21.50142	3.616504	14.34099	28.66184	11
11	2	120	25.54542	3.616504	18.38499	32.70584	11
12	2	180	25.92836	3.616504	18.76793	33.08878	11
13	3	30	19.67367	3.616504	12.51325	26.83410	11
14	3	60	19.77543	3.616504	12.61500	26.93586	11
15	3	120	23.06489	3.616504	15.90446	30.22531	11
16	3	180	25.96601	3.616504	18.80558	33.12643	11
17	4	30	23.04420	3.616504	15.88378	30.20463	11
18	4	60	20.97323	3.616504	13.81281	28.13366	11
19	4	120	23.29905	3.616504	16.13863	30.45948	11
20	4	180	23.80017	3.616504	16.63975	30.96060	11

**Concentration\_New\*Time Point; LS Means**



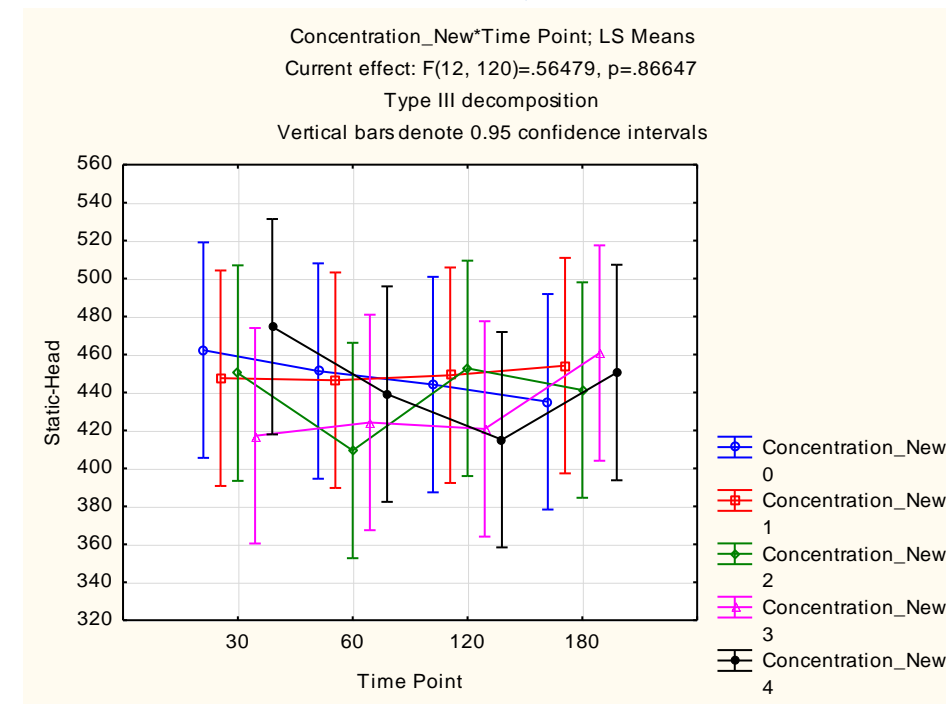
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.56479, p=.86647

Type III decomposition

Cell No.	Concentration_New	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	0	30	462.3141	28.66242	405.5645	519.0637	11
2	0	60	451.2922	28.66242	394.5426	508.0418	11
3	0	120	444.1630	28.66242	387.4134	500.9126	11
4	0	180	435.1174	28.66242	378.3678	491.8670	11
5	1	30	447.5330	28.66242	390.7834	504.2826	11
6	1	60	446.4657	28.66242	389.7161	503.2152	11
7	1	120	449.1001	28.66242	392.3505	505.8497	11
8	1	180	454.1545	28.66242	397.4049	510.9041	11
9	2	30	450.2157	28.66242	393.4661	506.9653	11
10	2	60	409.4392	28.66242	352.6896	466.1888	11
11	2	120	452.7101	28.66242	395.9605	509.4597	11
12	2	180	441.2917	28.66242	384.5421	498.0413	11
13	3	30	417.2027	28.66242	360.4531	473.9523	11
14	3	60	424.2081	28.66242	367.4585	480.9577	11
15	3	120	420.8244	28.66242	364.0748	477.5740	11
16	3	180	460.7515	28.66242	404.0019	517.5011	11
17	4	30	474.6495	28.66242	417.8999	531.3991	11
18	4	60	439.1549	28.66242	382.4053	495.9045	11
19	4	120	415.1257	28.66242	358.3761	471.8753	11
20	4	180	450.5165	28.66242	393.7669	507.2661	11

### Concentration\_New\*Time Point; LS Means



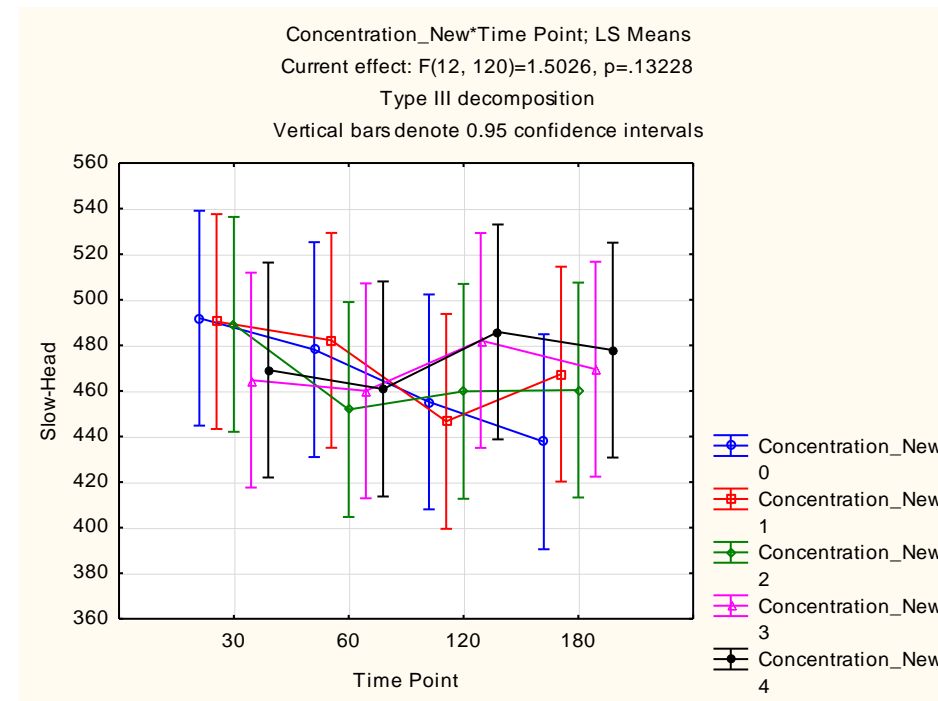
### Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(12, 120)=1.5026, p=.13228$   
 Type III decomposition

Cell No.	Concentration_New	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	0	30	491.9682	23.81433	444.8175	539.1189	11
2	0	60	478.1301	23.81433	430.9793	525.2808	11
3	0	120	455.1849	23.81433	408.0342	502.3356	11
4	0	180	437.7185	23.81433	390.5678	484.8692	11
5	1	30	490.4651	23.81433	443.3144	537.6158	11
6	1	60	482.2088	23.81433	435.0581	529.3595	11
7	1	120	446.6363	23.81433	399.4856	493.7871	11
8	1	180	467.4064	23.81433	420.2557	514.5571	11
9	2	30	489.2220	23.81433	442.0712	536.3727	11

10	2	60	451.8565	23.81433	404.7058	499.0072	11
11	2	120	459.8295	23.81433	412.6788	506.9802	11
12	2	180	460.4087	23.81433	413.2579	507.5594	11
13	3	30	464.7672	23.81433	417.6165	511.9179	11
14	3	60	460.0563	23.81433	412.9056	507.2070	11
15	3	120	482.1566	23.81433	435.0059	529.3073	11
16	3	180	469.5266	23.81433	422.3759	516.6773	11
17	4	30	469.1875	23.81433	422.0368	516.3382	11
18	4	60	460.8766	23.81433	413.7259	508.0274	11
19	4	120	485.8860	23.81433	438.7353	533.0367	11
20	4	180	477.9015	23.81433	430.7508	525.0522	11

### Concentration\_New\*Time Point; LS Means



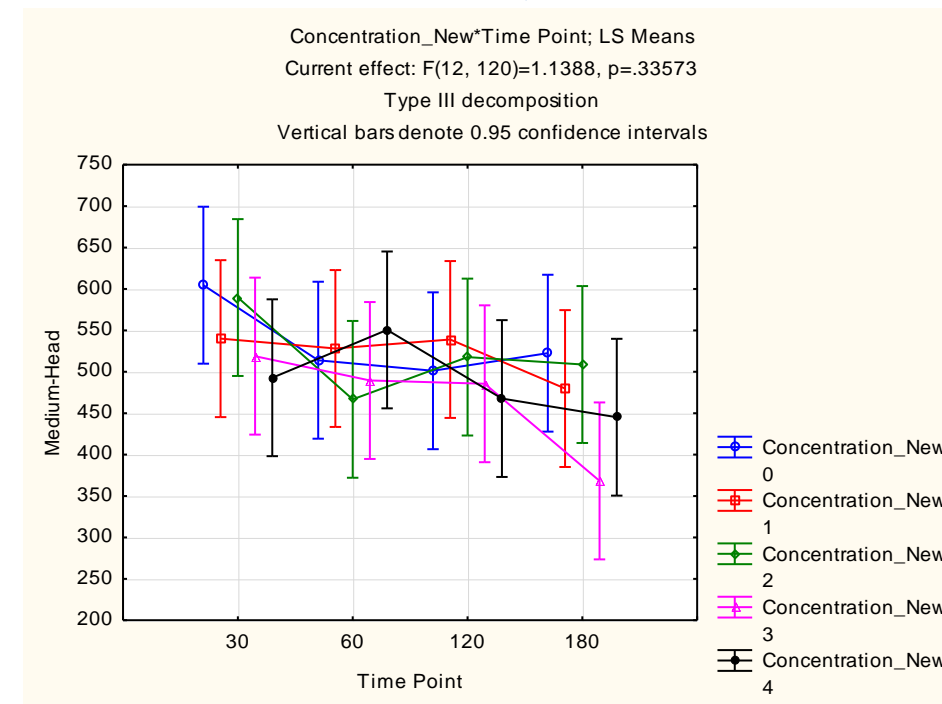
### Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.1388, p=.33573

## Type III decomposition

Cell No.	Concentration_New	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	0	30	604.5477	47.83027	509.8471	699.2483	11
2	0	60	513.9468	47.83027	419.2462	608.6474	11
3	0	120	501.2423	47.83027	406.5417	595.9429	11
4	0	180	522.4615	47.83027	427.7609	617.1621	11
5	1	30	540.0139	47.83027	445.3133	634.7145	11
6	1	60	528.1039	47.83027	433.4033	622.8045	11
7	1	120	538.9630	47.83027	444.2624	633.6636	11
8	1	180	479.7276	47.83027	385.0270	574.4282	11
9	2	30	589.6258	47.83027	494.9252	684.3264	11
10	2	60	466.7704	47.83027	372.0698	561.4710	11
11	2	120	517.7204	47.83027	423.0198	612.4210	11
12	2	180	508.7850	47.83027	414.0844	603.4856	11
13	3	30	518.8961	47.83027	424.1955	613.5967	11
14	3	60	489.4861	47.83027	394.7855	584.1867	11
15	3	120	485.5634	47.83027	390.8628	580.2640	11
16	3	180	368.2644	47.83027	273.5638	462.9650	11
17	4	30	492.8115	47.83027	398.1109	587.5121	11
18	4	60	550.5561	47.83027	455.8555	645.2567	11
19	4	120	467.7242	47.83027	373.0236	562.4248	11
20	4	180	445.1616	47.83027	350.4610	539.8622	11

### Concentration\_New\*Time Point; LS Means



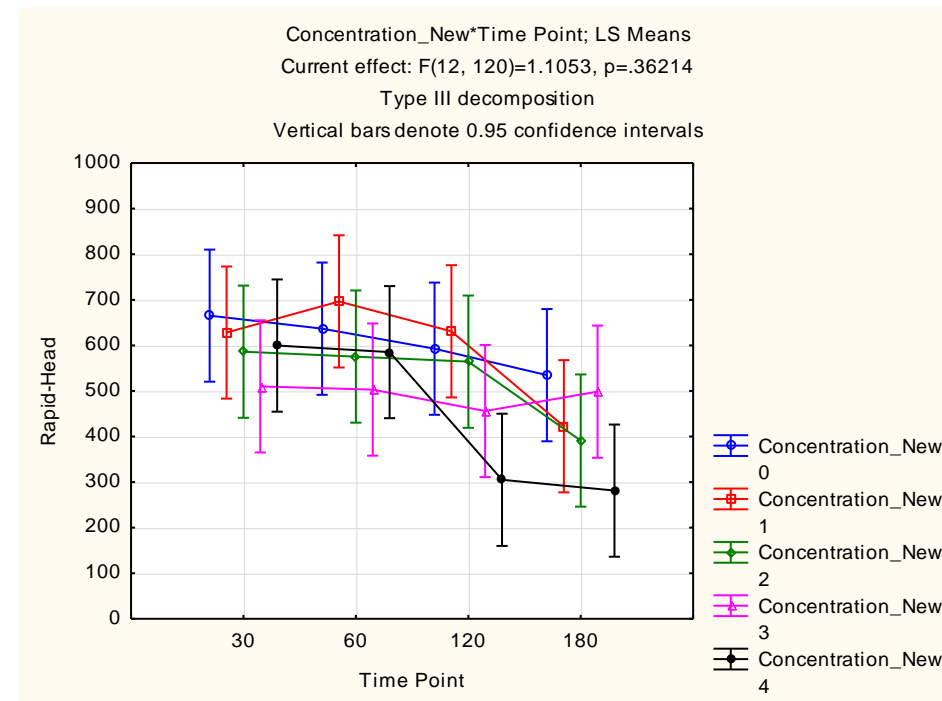
### Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(12, 120)=1.1053, p=.36214$   
 Type III decomposition

Cell No.	Concentration_New	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	0	30	665.2643	73.25492	520.2246	810.3039	11
2	0	60	636.6398	73.25492	491.6002	781.6794	11
3	0	120	592.7401	73.25492	447.7005	737.7798	11
4	0	180	534.6758	73.25492	389.6362	679.7154	11
5	1	30	628.1780	73.25492	483.1384	773.2176	11
6	1	60	696.4263	73.25492	551.3866	841.4659	11
7	1	120	630.8448	73.25492	485.8052	775.8844	11
8	1	180	422.5259	73.25492	277.4863	567.5656	11
9	2	30	586.1153	73.25492	441.0757	731.1550	11

10	2	60	575.4090	73.25492	430.3694	720.4487	11
11	2	120	564.3185	73.25492	419.2788	709.3581	11
12	2	180	391.1905	73.25492	246.1509	536.2301	11
13	3	30	510.0511	73.25492	365.0114	655.0907	11
14	3	60	503.0357	73.25492	357.9961	648.0754	11
15	3	120	455.9724	73.25492	310.9328	601.0121	11
16	3	180	498.4808	73.25492	353.4412	643.5204	11
17	4	30	599.5697	73.25492	454.5300	744.6093	11
18	4	60	585.1725	73.25492	440.1329	730.2121	11
19	4	120	305.1092	73.25492	160.0695	450.1488	11
20	4	180	281.3903	73.25492	136.3507	426.4300	11

**Concentration\_New\*Time Point; LS Means**



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

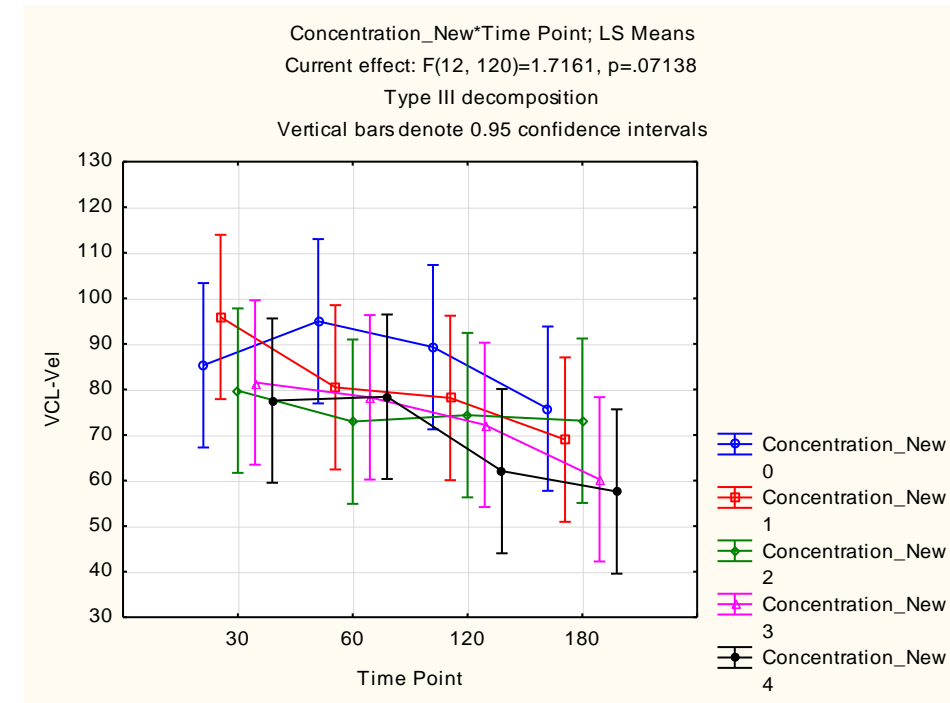
Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.7161, p=.07138



Type III decomposition

Cell No.	Concentration_New	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	0	30	85.31985	9.112479	67.27777	103.3619	11
2	0	60	94.97618	9.112479	76.93411	113.0183	11
3	0	120	89.29861	9.112479	71.25653	107.3407	11
4	0	180	75.78370	9.112479	57.74162	93.8258	11
5	1	30	95.92102	9.112479	77.87895	113.9631	11
6	1	60	80.47736	9.112479	62.43528	98.5194	11
7	1	120	78.14523	9.112479	60.10316	96.1873	11
8	1	180	69.00305	9.112479	50.96098	87.0451	11
9	2	30	79.75114	9.112479	61.70906	97.7932	11
10	2	60	72.94383	9.112479	54.90176	90.9859	11
11	2	120	74.37535	9.112479	56.33327	92.4174	11
12	2	180	73.15135	9.112479	55.10927	91.1934	11
13	3	30	81.54477	9.112479	63.50270	99.5868	11
14	3	60	78.27383	9.112479	60.23176	96.3159	11
15	3	120	72.24171	9.112479	54.19964	90.2838	11
16	3	180	60.28135	9.112479	42.23927	78.3234	11
17	4	30	77.56155	9.112479	59.51948	95.6036	11
18	4	60	78.40880	9.112479	60.36672	96.4509	11
19	4	120	62.08577	9.112479	44.04369	80.1278	11
20	4	180	57.60722	9.112479	39.56515	75.6493	11

**Concentration\_New\*Time Point; LS Means**



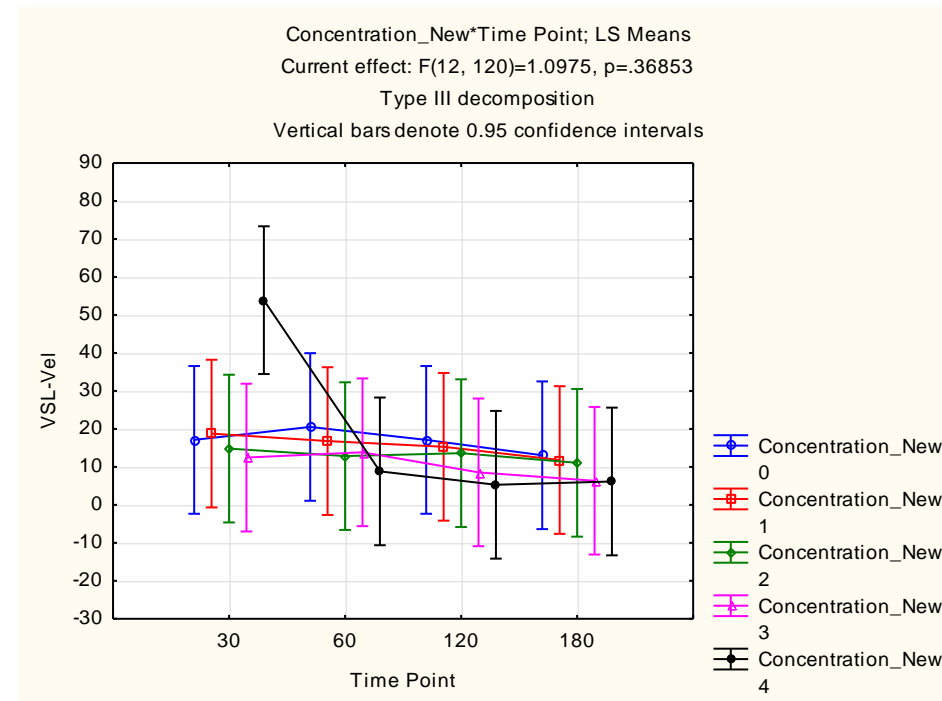
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.0975, p=.36853  
 Type III decomposition

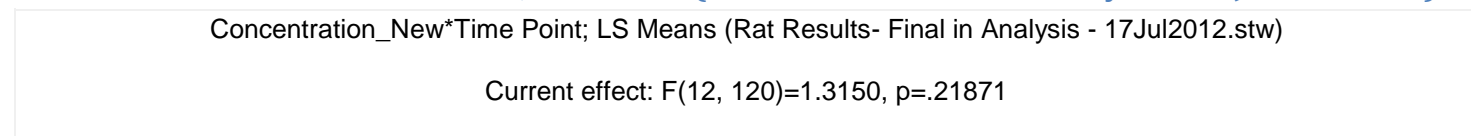
Cell No.	Concentration_New	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	0	30	17.11070	9.821334	-2.3349	36.55625	11
2	0	60	20.52767	9.821334	1.0821	39.97322	11
3	0	120	17.11952	9.821334	-2.3260	36.56507	11
4	0	180	13.06212	9.821334	-6.3834	32.50768	11
5	1	30	18.78320	9.821334	-0.6624	38.22875	11
6	1	60	16.80017	9.821334	-2.6454	36.24572	11
7	1	120	15.31020	9.821334	-4.1354	34.75575	11
8	1	180	11.81644	9.821334	-7.6291	31.26200	11
9	2	30	14.82547	9.821334	-4.6201	34.27103	11

10	2	60	12.84244	9.821334	-6.6031	32.28800	11
11	2	120	13.61611	9.821334	-5.8295	33.06166	11
12	2	180	11.08598	9.821334	-8.3596	30.53154	11
13	3	30	12.45183	9.821334	-6.9937	31.89739	11
14	3	60	13.85062	9.821334	-5.5949	33.29618	11
15	3	120	8.56065	9.821334	-10.8849	28.00621	11
16	3	180	6.36689	9.821334	-13.0787	25.81245	11
17	4	30	53.91214	9.821334	34.4666	73.35769	11
18	4	60	8.82911	9.821334	-10.6165	28.27466	11
19	4	120	5.31186	9.821334	-14.1337	24.75742	11
20	4	180	6.16356	9.821334	-13.2820	25.60912	11

**Concentration\_New\*Time Point; LS Means**



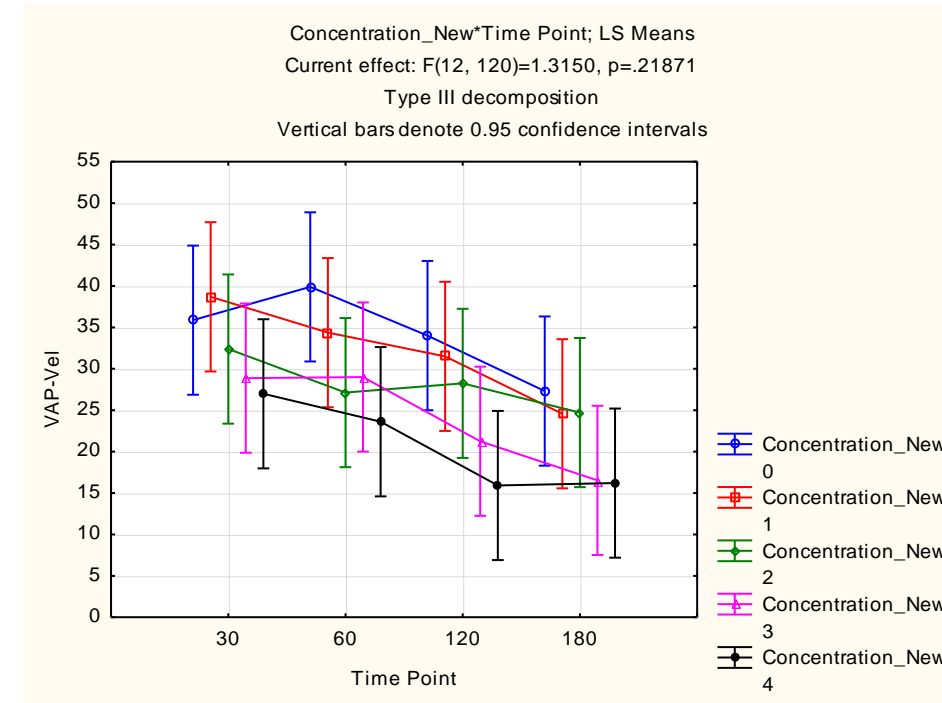
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**



## Type III decomposition

Cell No.	Concentration_New	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	0	30	35.87260	4.548701	26.86649	44.87871	11
2	0	60	39.88763	4.548701	30.88152	48.89374	11
3	0	120	34.00666	4.548701	25.00055	43.01277	11
4	0	180	27.31478	4.548701	18.30867	36.32089	11
5	1	30	38.68714	4.548701	29.68103	47.69326	11
6	1	60	34.36581	4.548701	25.35970	43.37192	11
7	1	120	31.50302	4.548701	22.49691	40.50913	11
8	1	180	24.56569	4.548701	15.55958	33.57180	11
9	2	30	32.38620	4.548701	23.38009	41.39231	11
10	2	60	27.12850	4.548701	18.12239	36.13461	11
11	2	120	28.23844	4.548701	19.23233	37.24455	11
12	2	180	24.71020	4.548701	15.70409	33.71631	11
13	3	30	28.87089	4.548701	19.86478	37.87701	11
14	3	60	29.00411	4.548701	19.99799	38.01022	11
15	3	120	21.25041	4.548701	12.24430	30.25652	11
16	3	180	16.53126	4.548701	7.52515	25.53737	11
17	4	30	26.98483	4.548701	17.97872	35.99094	11
18	4	60	23.60895	4.548701	14.60284	32.61507	11
19	4	120	15.90980	4.548701	6.90369	24.91591	11
20	4	180	16.19974	4.548701	7.19363	25.20585	11

**Concentration\_New\*Time Point; LS Means**



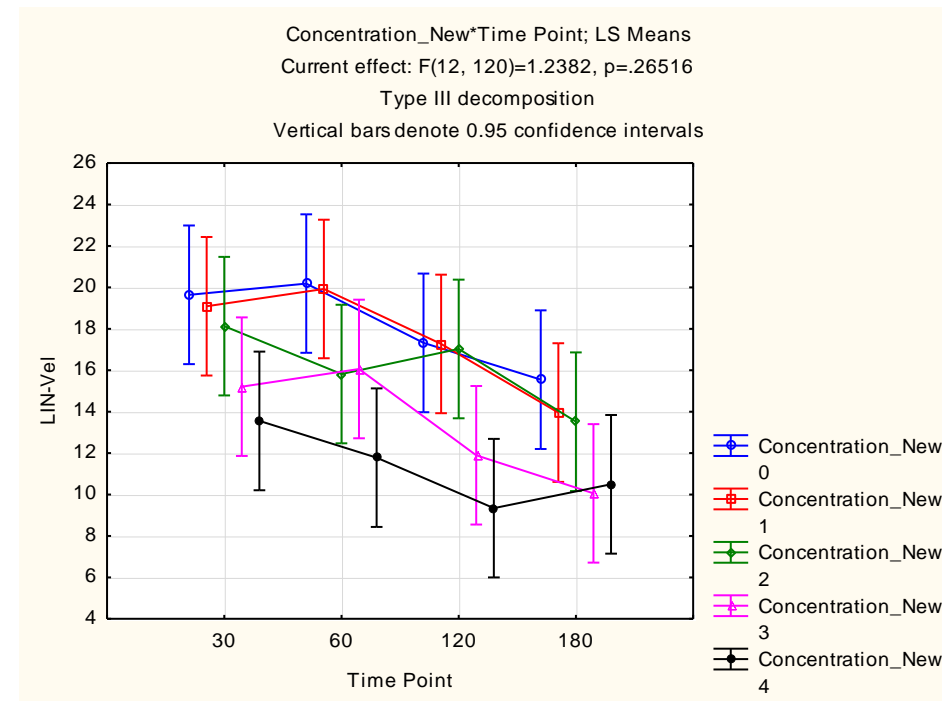
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.2382, p=.26516  
 Type III decomposition

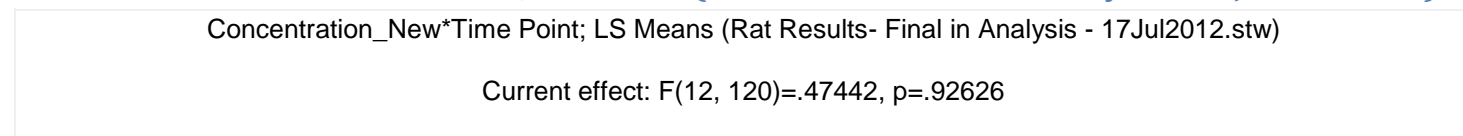
Cell No.	Concentration_New	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	0	30	19.64105	1.689200	16.29655	22.98554	11
2	0	60	20.18526	1.689200	16.84076	23.52976	11
3	0	120	17.32144	1.689200	13.97694	20.66594	11
4	0	180	15.54559	1.689200	12.20109	18.89009	11
5	1	30	19.08908	1.689200	15.74458	22.43357	11
6	1	60	19.92420	1.689200	16.57970	23.26870	11
7	1	120	17.26947	1.689200	13.92497	20.61397	11
8	1	180	13.95726	1.689200	10.61276	17.30176	11
9	2	30	18.12802	1.689200	14.78352	21.47251	11

10	2	60	15.81768	1.689200	12.47318	19.16218	11
11	2	120	17.02659	1.689200	13.68209	20.37109	11
12	2	180	13.51438	1.689200	10.16988	16.85888	11
13	3	30	15.20722	1.689200	11.86272	18.55172	11
14	3	60	16.06052	1.689200	12.71602	19.40502	11
15	3	120	11.89670	1.689200	8.55221	15.24120	11
16	3	180	10.05722	1.689200	6.71272	13.40172	11
17	4	30	13.55298	1.689200	10.20848	16.89748	11
18	4	60	11.77901	1.689200	8.43451	15.12351	11
19	4	120	9.34246	1.689200	5.99796	12.68696	11
20	4	180	10.49389	1.689200	7.14939	13.83839	11

**Concentration\_New\*Time Point; LS Means**



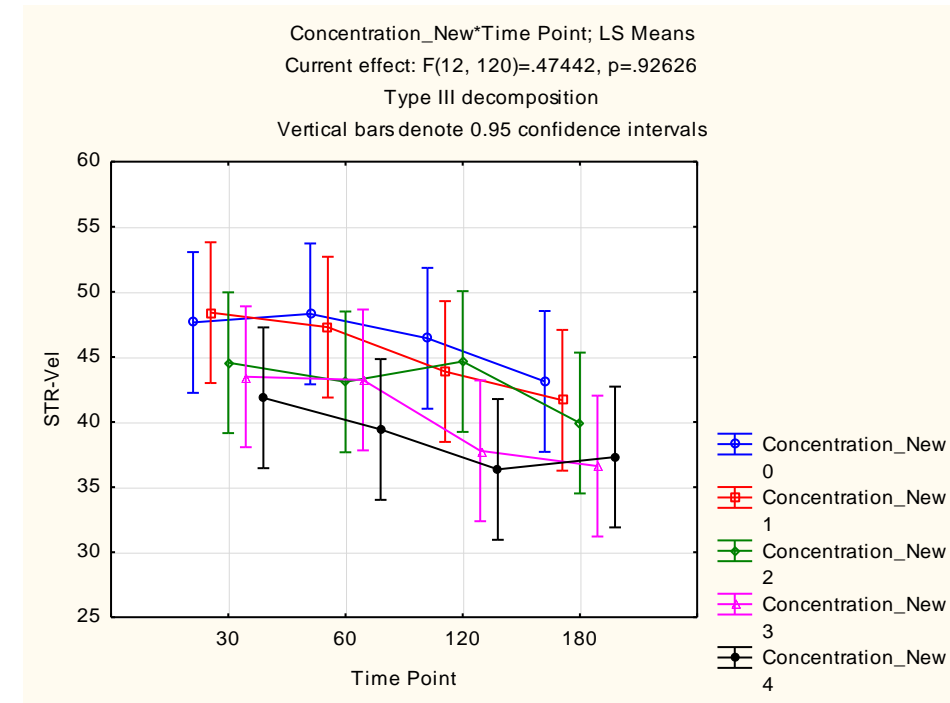
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**



## Type III decomposition

Cell No.	Concentration_New	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	0	30	47.65208	2.731440	42.24402	53.06014	11
2	0	60	48.30577	2.731440	42.89771	53.71383	11
3	0	120	46.43432	2.731440	41.02626	51.84238	11
4	0	180	43.11783	2.731440	37.70977	48.52589	11
5	1	30	48.40545	2.731440	42.99739	53.81351	11
6	1	60	47.28642	2.731440	41.87836	52.69448	11
7	1	120	43.87860	2.731440	38.47054	49.28666	11
8	1	180	41.67120	2.731440	36.26314	47.07926	11
9	2	30	44.55954	2.731440	39.15148	49.96760	11
10	2	60	43.08596	2.731440	37.67790	48.49402	11
11	2	120	44.65087	2.731440	39.24281	50.05893	11
12	2	180	39.92530	2.731440	34.51724	45.33336	11
13	3	30	43.47874	2.731440	38.07068	48.88680	11
14	3	60	43.23244	2.731440	37.82438	48.64050	11
15	3	120	37.78826	2.731440	32.38020	43.19632	11
16	3	180	36.61723	2.731440	31.20917	42.02529	11
17	4	30	41.86086	2.731440	36.45280	47.26892	11
18	4	60	39.43274	2.731440	34.02468	44.84080	11
19	4	120	36.36129	2.731440	30.95323	41.76935	11
20	4	180	37.30844	2.731440	31.90038	42.71650	11

**Concentration\_New\*Time Point; LS Means**



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

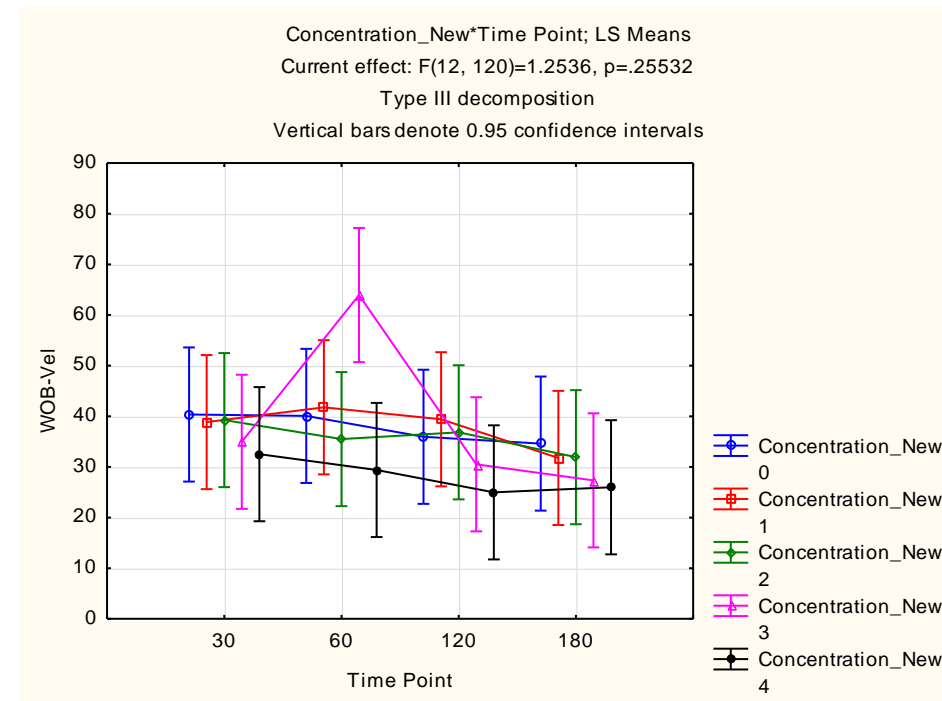
Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.2536, p=.25532  
 Type III decomposition

Cell No.	Concentration_New	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	0	30	40.35713	6.689194	27.11299	53.60127	11
2	0	60	40.08119	6.689194	26.83705	53.32533	11
3	0	120	35.94846	6.689194	22.70432	49.19260	11
4	0	180	34.60155	6.689194	21.35742	47.84569	11
5	1	30	38.85864	6.689194	25.61451	52.10278	11
6	1	60	41.78270	6.689194	28.53857	55.02684	11
7	1	120	39.40452	6.689194	26.16038	52.64866	11
8	1	180	31.77580	6.689194	18.53166	45.01993	11
9	2	30	39.25554	6.689194	26.01140	52.49968	11



10	2	60	35.49778	6.689194	22.25364	48.74192	11
11	2	120	36.84687	6.689194	23.60273	50.09101	11
12	2	180	31.91814	6.689194	18.67401	45.16228	11
13	3	30	34.95914	6.689194	21.71500	48.20327	11
14	3	60	63.93774	6.689194	50.69360	77.18188	11
15	3	120	30.52320	6.689194	17.27906	43.76733	11
16	3	180	27.33992	6.689194	14.09579	40.58406	11
17	4	30	32.50789	6.689194	19.26375	45.75202	11
18	4	60	29.39558	6.689194	16.15145	42.63972	11
19	4	120	24.97195	6.689194	11.72781	38.21608	11
20	4	180	25.97958	6.689194	12.73545	39.22372	11

**Concentration\_New\*Time Point; LS Means**



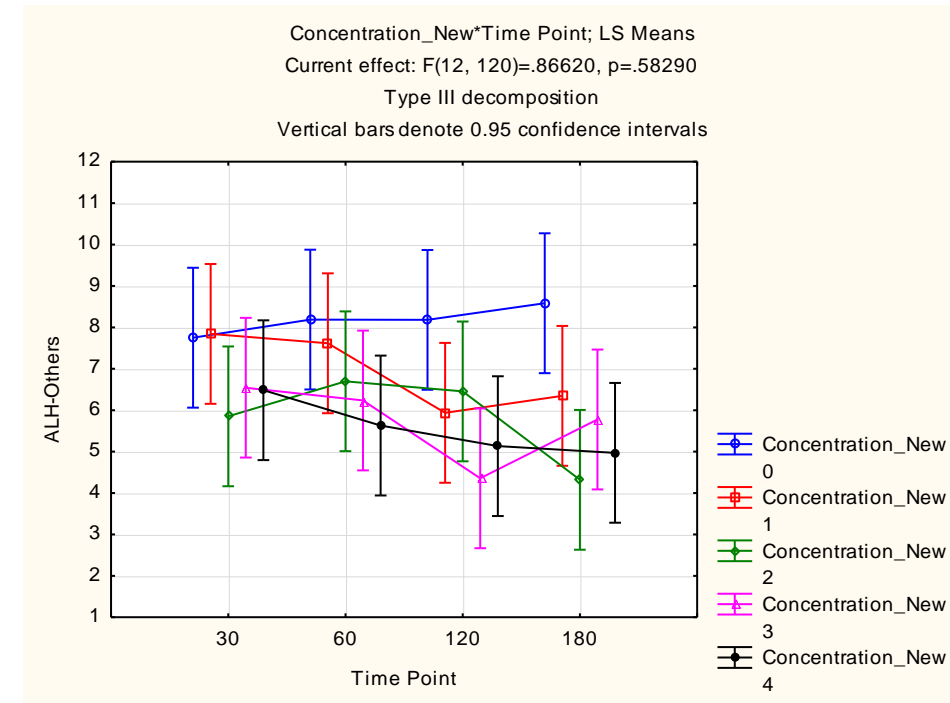
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=.86620, p=.58290

## Type III decomposition

Cell No.	Concentration_New	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	0	30	7.750955	0.852490	6.063084	9.43883	11
2	0	60	8.188136	0.852490	6.500266	9.87601	11
3	0	120	8.181682	0.852490	6.493811	9.86955	11
4	0	180	8.582561	0.852490	6.894690	10.27043	11
5	1	30	7.842356	0.852490	6.154485	9.53023	11
6	1	60	7.615902	0.852490	5.928031	9.30377	11
7	1	120	5.936720	0.852490	4.248849	7.62459	11
8	1	180	6.346689	0.852490	4.658819	8.03456	11
9	2	30	5.851409	0.852490	4.163538	7.53928	11
10	2	60	6.697682	0.852490	5.009811	8.38555	11
11	2	120	6.454864	0.852490	4.766993	8.14273	11
12	2	180	4.319379	0.852490	2.631508	6.00725	11
13	3	30	6.543114	0.852490	4.855243	8.23098	11
14	3	60	6.234841	0.852490	4.546970	7.92271	11
15	3	120	4.355659	0.852490	2.667788	6.04353	11
16	3	180	5.774720	0.852490	4.086849	7.46259	11
17	4	30	6.483833	0.852490	4.795963	8.17170	11
18	4	60	5.630106	0.852490	3.942235	7.31798	11
19	4	120	5.132742	0.852490	3.444872	6.82061	11
20	4	180	4.969985	0.852490	3.282114	6.65786	11

**Concentration\_New\*Time Point; LS Means**



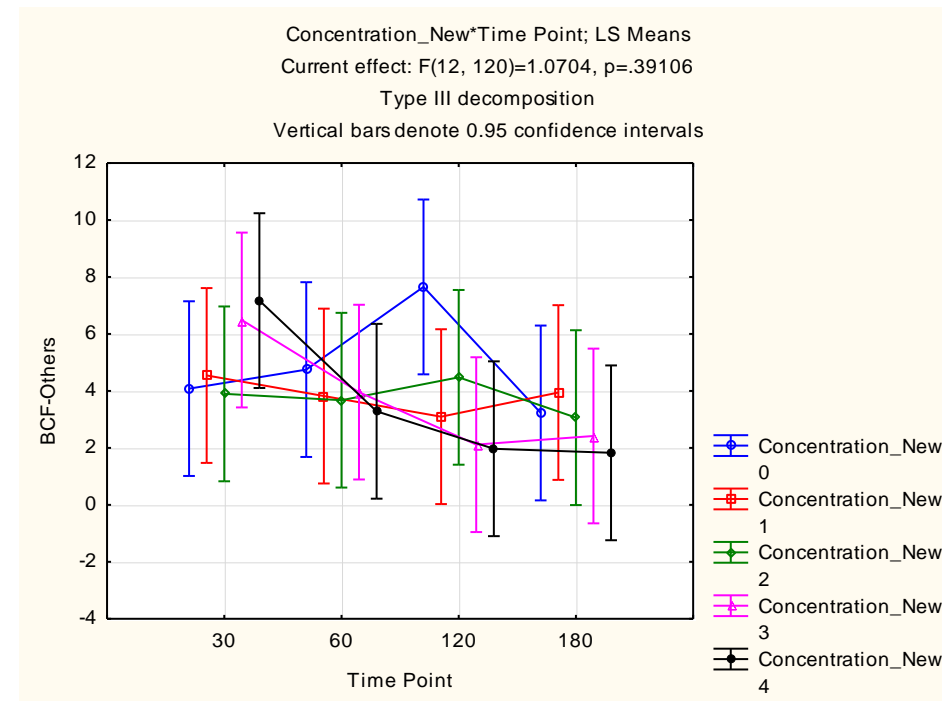
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.0704, p=.39106  
 Type III decomposition

Cell No.	Concentration_New	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	0	30	4.082000	1.549524	1.01405	7.14995	11
2	0	60	4.749939	1.549524	1.68199	7.81789	11
3	0	120	7.652788	1.549524	4.58484	10.72074	11
4	0	180	3.228606	1.549524	0.16066	6.29656	11
5	1	30	4.544803	1.549524	1.47685	7.61275	11
6	1	60	3.821833	1.549524	0.75388	6.88978	11
7	1	120	3.097409	1.549524	0.02946	6.16536	11
8	1	180	3.945955	1.549524	0.87801	7.01390	11
9	2	30	3.898742	1.549524	0.83079	6.96669	11

10	2	60	3.675773	1.549524	0.60782	6.74372	11
11	2	120	4.478621	1.549524	1.41067	7.54657	11
12	2	180	3.063530	1.549524	-0.00442	6.13148	11
13	3	30	6.491242	1.549524	3.42329	9.55919	11
14	3	60	3.959182	1.549524	0.89123	7.02713	11
15	3	120	2.116576	1.549524	-0.95137	5.18452	11
16	3	180	2.419667	1.549524	-0.64828	5.48762	11
17	4	30	7.173212	1.549524	4.10526	10.24116	11
18	4	60	3.286606	1.549524	0.21866	6.35456	11
19	4	120	1.971273	1.549524	-1.09668	5.03922	11
20	4	180	1.828909	1.549524	-1.23904	4.89686	11

**Concentration\_New\*Time Point; LS Means**



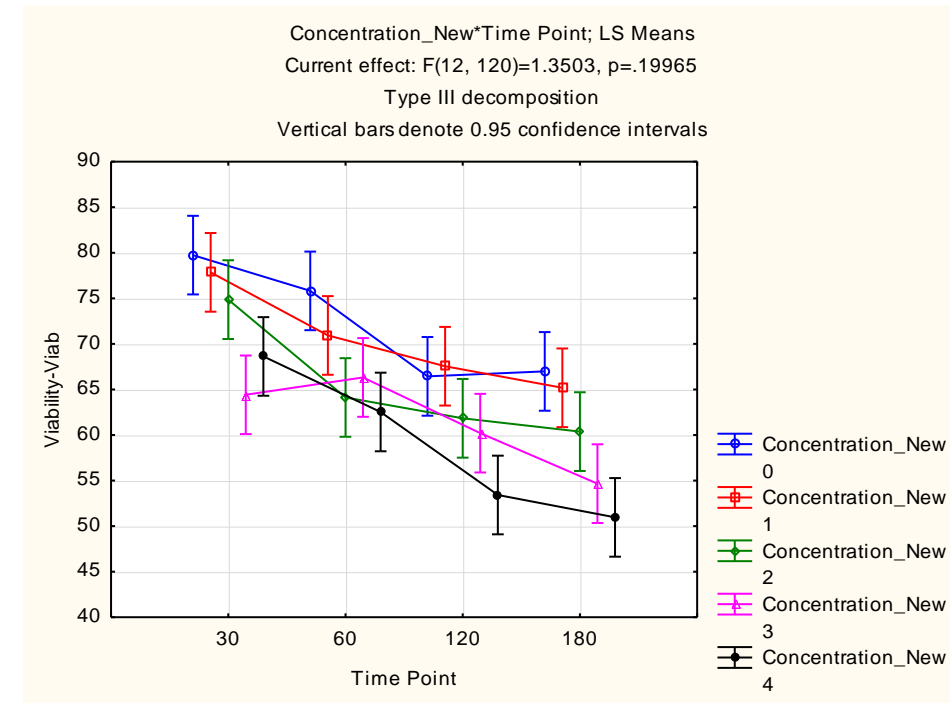
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.3503, p=.19965

## Type III decomposition

Cell No.	Concentration_New	Time Point	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	0	30	79.74470	2.180296	75.42786	84.06153	11
2	0	60	75.82439	2.180296	71.50756	80.14123	11
3	0	120	66.44379	2.180296	62.12695	70.76062	11
4	0	180	66.98712	2.180296	62.67029	71.30396	11
5	1	30	77.85530	2.180296	73.53847	82.17214	11
6	1	60	70.93500	2.180296	66.61817	75.25183	11
7	1	120	67.55439	2.180296	63.23756	71.87123	11
8	1	180	65.18864	2.180296	60.87180	69.50547	11
9	2	30	74.86288	2.180296	70.54604	79.17971	11
10	2	60	64.12439	2.180296	59.80756	68.44123	11
11	2	120	61.83470	2.180296	57.51786	66.15153	11
12	2	180	60.37803	2.180296	56.06120	64.69486	11
13	3	30	64.42159	2.180296	60.10476	68.73842	11
14	3	60	66.31947	2.180296	62.00264	70.63630	11
15	3	120	60.21159	2.180296	55.89476	64.52842	11
16	3	180	54.66402	2.180296	50.34718	58.98085	11
17	4	30	68.63220	2.180296	64.31536	72.94903	11
18	4	60	62.53008	2.180296	58.21324	66.84691	11
19	4	120	53.42220	2.180296	49.10536	57.73903	11
20	4	180	50.96553	2.180296	46.64870	55.28236	11

**Concentration\_New\*Time Point; LS Means**



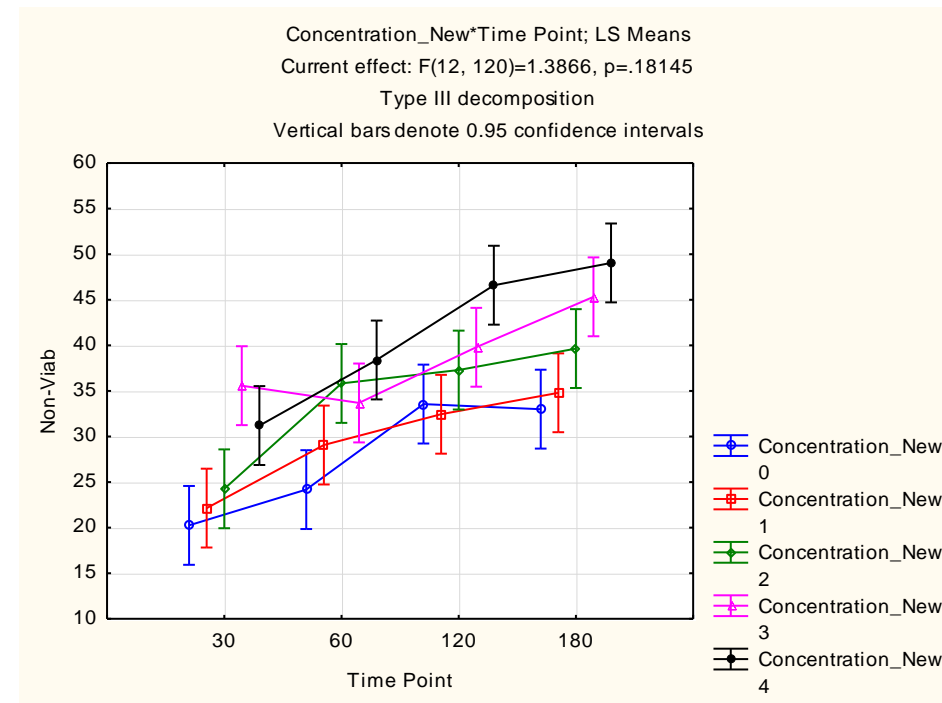
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(12, 120)=1.3866, p=.18145  
 Type III decomposition

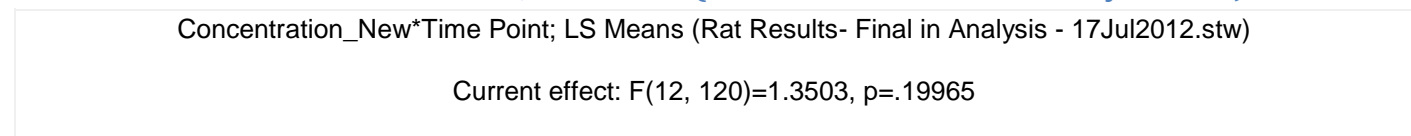
Cell No.	Concentration_New	Time Point	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	0	30	20.25606	2.184493	15.93092	24.58120	11
2	0	60	24.18121	2.184493	19.85607	28.50636	11
3	0	120	33.56061	2.184493	29.23546	37.88575	11
4	0	180	33.00212	2.184493	28.67698	37.32726	11
5	1	30	22.14545	2.184493	17.82031	26.47060	11
6	1	60	29.07061	2.184493	24.74546	33.39575	11
7	1	120	32.45000	2.184493	28.12486	36.77514	11
8	1	180	34.80061	2.184493	30.47546	39.12575	11
9	2	30	24.26439	2.184493	19.93925	28.58954	11

10	2	60	35.82591	2.184493	31.50077	40.15105	11
11	2	120	37.29621	2.184493	32.97107	41.62136	11
12	2	180	39.64682	2.184493	35.32168	43.97196	11
13	3	30	35.57917	2.184493	31.25402	39.90431	11
14	3	60	33.68614	2.184493	29.36099	38.01128	11
15	3	120	39.79280	2.184493	35.46766	44.11795	11
16	3	180	45.32523	2.184493	41.00008	49.65037	11
17	4	30	31.20492	2.184493	26.87978	35.53007	11
18	4	60	38.40280	2.184493	34.07766	42.72795	11
19	4	120	46.60038	2.184493	42.27524	50.92552	11
20	4	180	49.04189	2.184493	44.71675	53.36704	11

**Concentration\_New\*Time Point; LS Means**



**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

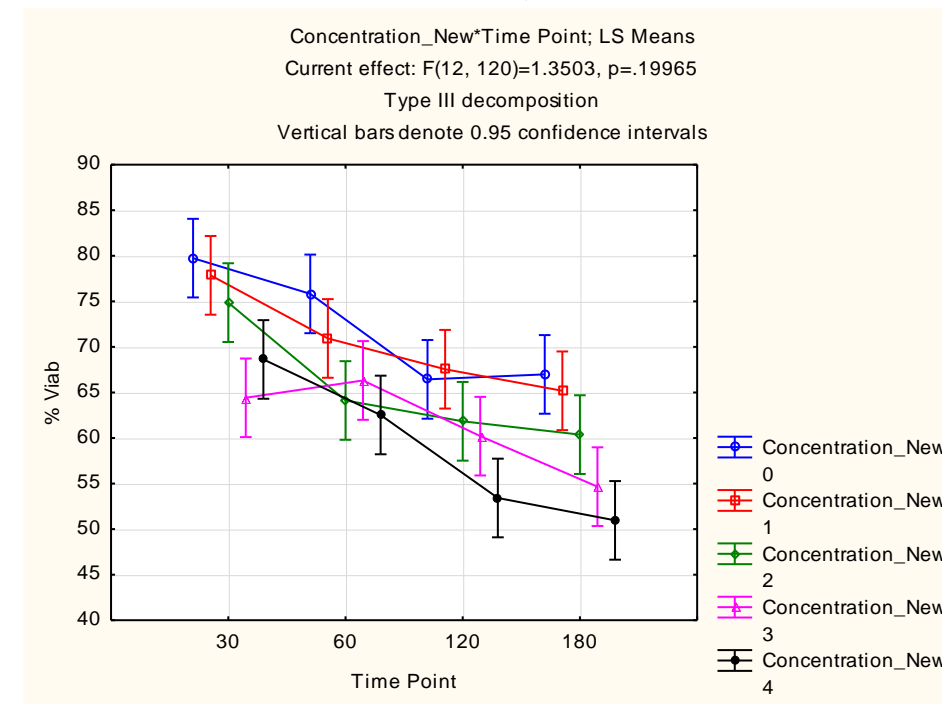


Type III decomposition

Cell No.	Concentration_New	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	0	30	79.74470	2.180296	75.42786	84.06153	11
2	0	60	75.82439	2.180296	71.50756	80.14123	11
3	0	120	66.44379	2.180296	62.12695	70.76062	11
4	0	180	66.98712	2.180296	62.67029	71.30396	11
5	1	30	77.85530	2.180296	73.53847	82.17214	11
6	1	60	70.93500	2.180296	66.61817	75.25183	11
7	1	120	67.55439	2.180296	63.23756	71.87123	11
8	1	180	65.18864	2.180296	60.87180	69.50547	11
9	2	30	74.86288	2.180296	70.54604	79.17971	11
10	2	60	64.12439	2.180296	59.80756	68.44123	11
11	2	120	61.83470	2.180296	57.51786	66.15153	11
12	2	180	60.37803	2.180296	56.06120	64.69486	11
13	3	30	64.42159	2.180296	60.10476	68.73842	11
14	3	60	66.31947	2.180296	62.00264	70.63630	11
15	3	120	60.21159	2.180296	55.89476	64.52842	11
16	3	180	54.66402	2.180296	50.34718	58.98085	11
17	4	30	68.63220	2.180296	64.31536	72.94903	11
18	4	60	62.53008	2.180296	58.21324	66.84691	11
19	4	120	53.42220	2.180296	49.10536	57.73903	11
20	4	180	50.96553	2.180296	46.64870	55.28236	11



### Concentration\_New\*Time Point; LS Means

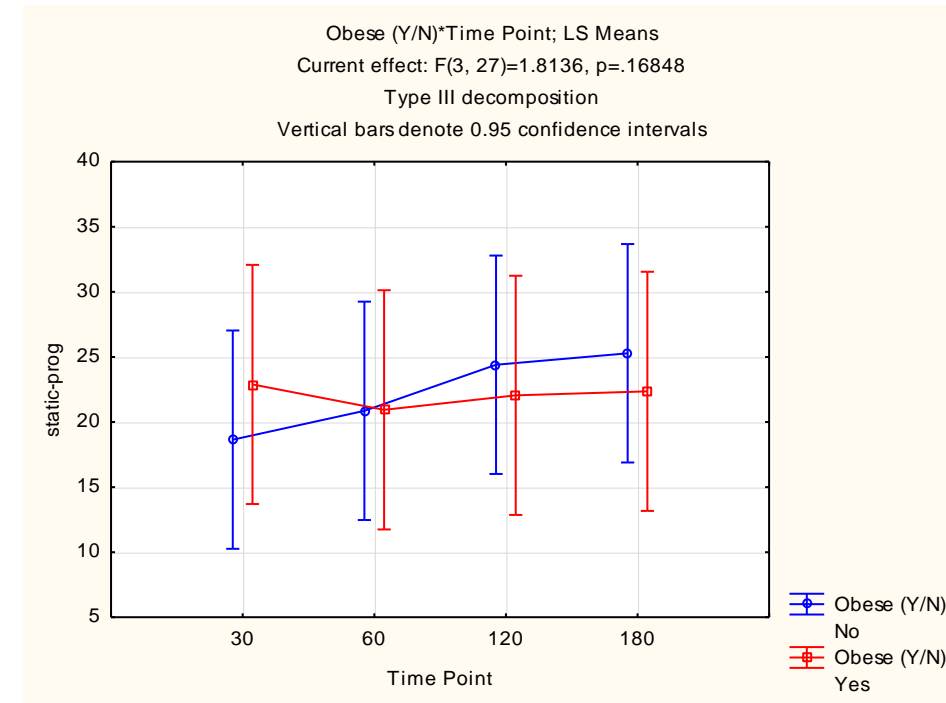


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.8136, p=.16848  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	No	30	18.64667	4.087461	10.25989	27.03344	30
2	No	60	20.86000	4.087461	12.47322	29.24678	30
3	No	120	24.40000	4.087461	16.01322	32.78678	30
4	No	180	25.28333	4.087461	16.89656	33.67011	30
5	Yes	30	22.88800	4.477589	13.70075	32.07525	25
6	Yes	60	20.94000	4.477589	11.75275	30.12725	25
7	Yes	120	22.04800	4.477589	12.86075	31.23525	25
8	Yes	180	22.35600	4.477589	13.16875	31.54325	25

**Obese (Y/N)\*Time Point; LS Means**

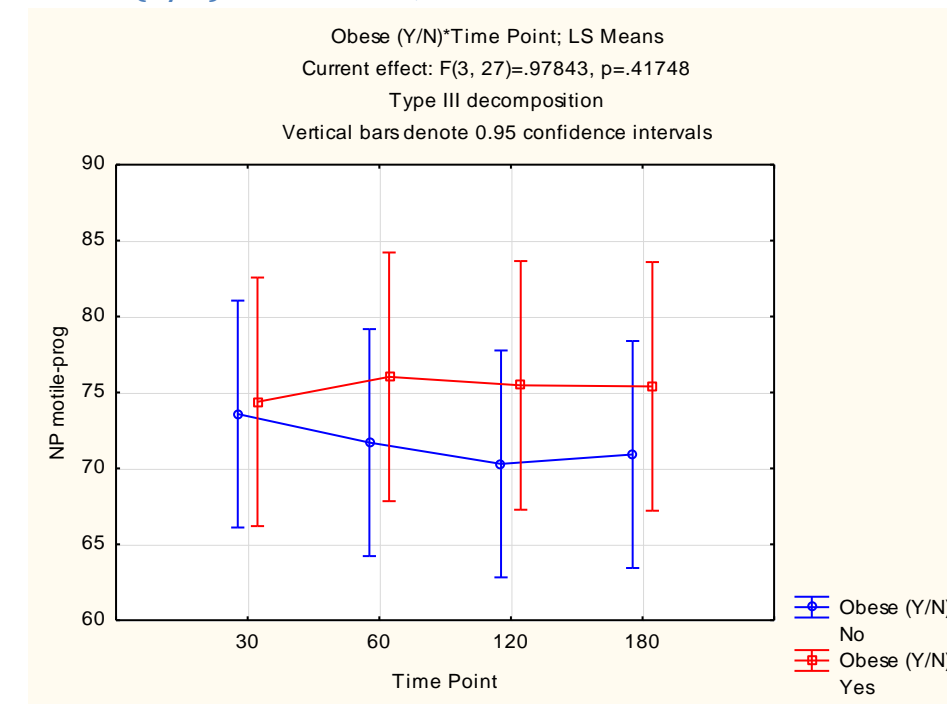


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.97843, p=.41748  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	No	30	73.58000	3.641883	66.10747	81.05253	30
2	No	60	71.70000	3.641883	64.22747	79.17253	30
3	No	120	70.29667	3.641883	62.82414	77.76919	30
4	No	180	70.91667	3.641883	63.44414	78.38919	30
5	Yes	30	74.38400	3.989483	66.19826	82.56974	25
6	Yes	60	76.03200	3.989483	67.84626	84.21774	25
7	Yes	120	75.46800	3.989483	67.28226	83.65374	25
8	Yes	180	75.40000	3.989483	67.21426	83.58574	25

### Obese (Y/N)\*Time Point; LS Means

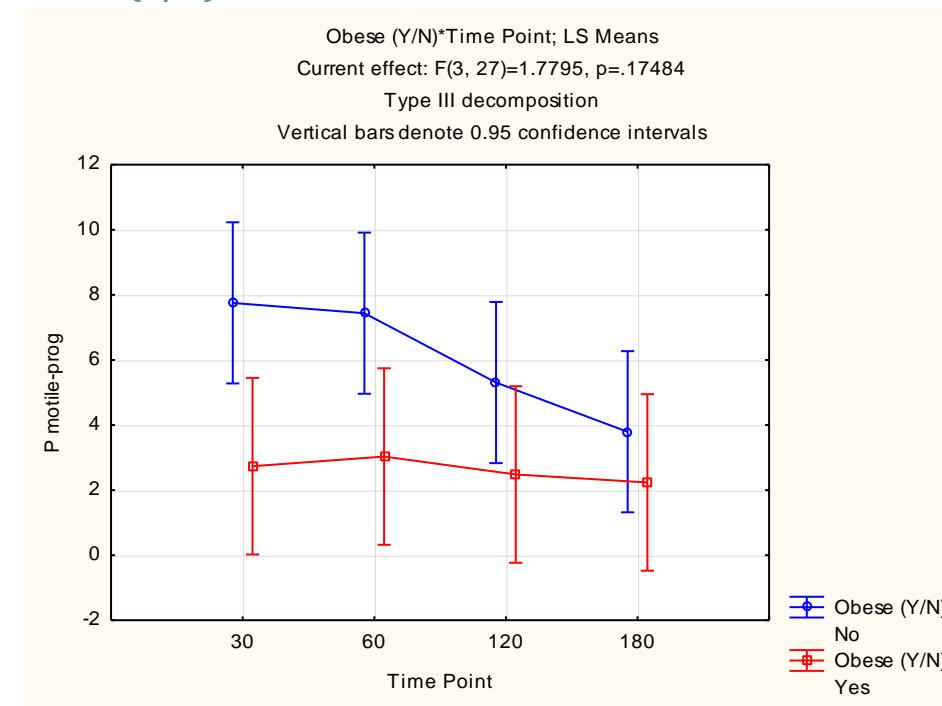


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.7795, p=.17484  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	No	30	7.753333	1.207006	5.276763	10.22990	30
2	No	60	7.436667	1.207006	4.960096	9.91324	30
3	No	120	5.306667	1.207006	2.830096	7.78324	30
4	No	180	3.793333	1.207006	1.316763	6.26990	30
5	Yes	30	2.736000	1.322208	0.023053	5.44895	25
6	Yes	60	3.032000	1.322208	0.319053	5.74495	25
7	Yes	120	2.480000	1.322208	-0.232947	5.19295	25
8	Yes	180	2.236000	1.322208	-0.476947	4.94895	25

**Obese (Y/N)\*Time Point; LS Means**

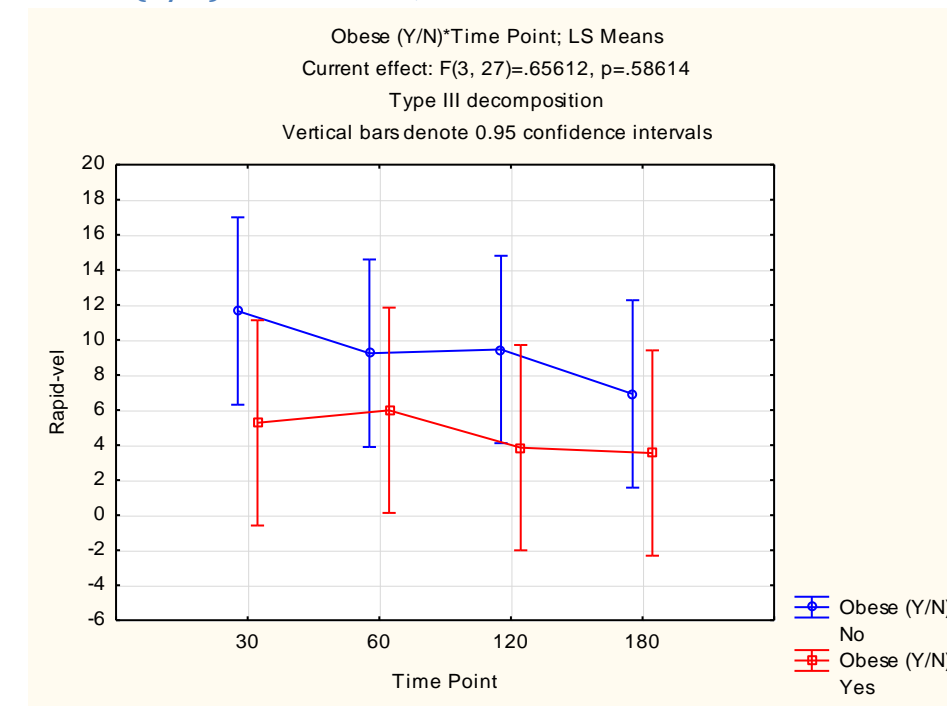


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.65612, p=.58614  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	No	30	11.65000	2.607080	6.30071	16.99929	30
2	No	60	9.24000	2.607080	3.89071	14.58929	30
3	No	120	9.45333	2.607080	4.10405	14.80262	30
4	No	180	6.91667	2.607080	1.56738	12.26595	30
5	Yes	30	5.26800	2.855913	-0.59185	11.12785	25
6	Yes	60	5.98400	2.855913	0.12415	11.84385	25
7	Yes	120	3.85200	2.855913	-2.00785	9.71185	25
8	Yes	180	3.54400	2.855913	-2.31585	9.40385	25

### Obese (Y/N)\*Time Point; LS Means

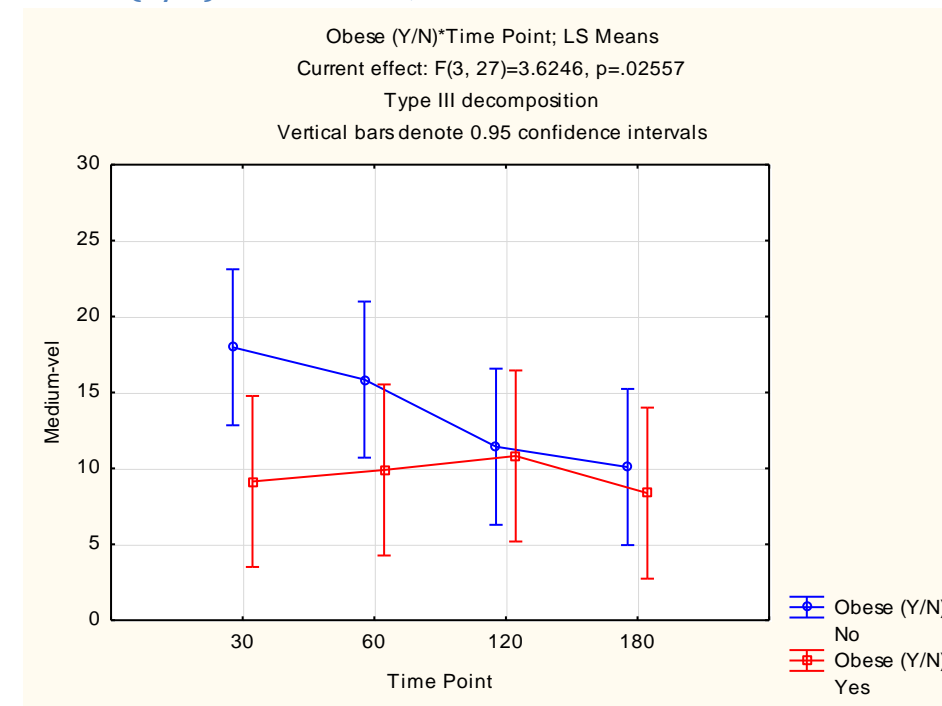


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=3.6246, p=.02557  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	No	30	17.97667	2.505505	12.83580	23.11754	30
2	No	60	15.85000	2.505505	10.70913	20.99087	30
3	No	120	11.43000	2.505505	6.28913	16.57087	30
4	No	180	10.09000	2.505505	4.94913	15.23087	30
5	Yes	30	9.14000	2.744643	3.50846	14.77154	25
6	Yes	60	9.90000	2.744643	4.26846	15.53154	25
7	Yes	120	10.81600	2.744643	5.18446	16.44754	25
8	Yes	180	8.37200	2.744643	2.74046	14.00354	25

**Obese (Y/N)\*Time Point; LS Means**

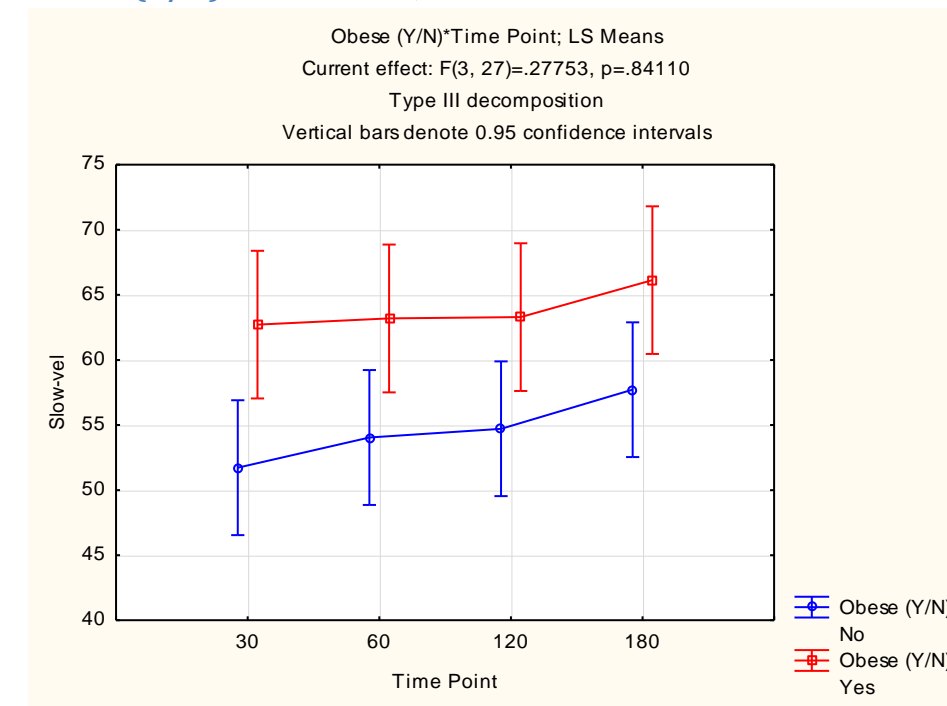


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.27753, p=.84110  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	No	30	51.72333	2.523854	46.54481	56.90185	30
2	No	60	54.04333	2.523854	48.86481	59.22185	30
3	No	120	54.71333	2.523854	49.53481	59.89185	30
4	No	180	57.71667	2.523854	52.53815	62.89519	30
5	Yes	30	62.71600	2.764743	57.04322	68.38878	25
6	Yes	60	63.18800	2.764743	57.51522	68.86078	25
7	Yes	120	63.28800	2.764743	57.61522	68.96078	25
8	Yes	180	66.12800	2.764743	60.45522	71.80078	25

### Obese (Y/N)\*Time Point; LS Means

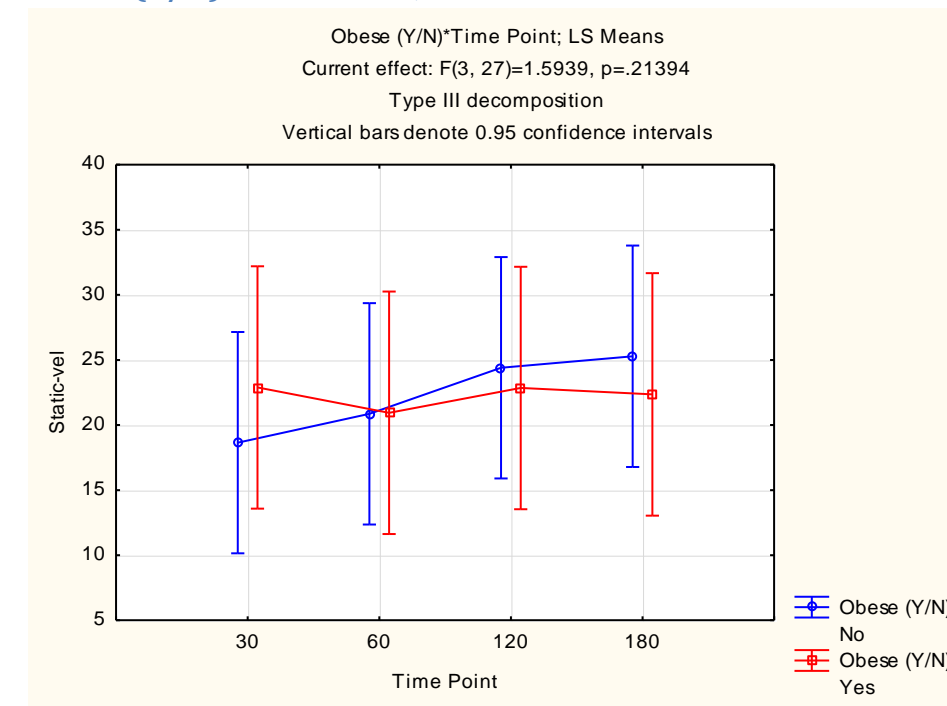


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.5939, p=.21394  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	No	30	18.64667	4.143671	10.14456	27.14878	30
2	No	60	20.86000	4.143671	12.35789	29.36211	30
3	No	120	24.40000	4.143671	15.89789	32.90211	30
4	No	180	25.28333	4.143671	16.78122	33.78544	30
5	Yes	30	22.88800	4.539164	13.57441	32.20159	25
6	Yes	60	20.94000	4.539164	11.62641	30.25359	25
7	Yes	120	22.84800	4.539164	13.53441	32.16159	25
8	Yes	180	22.35600	4.539164	13.04241	31.66959	25

### Obese (Y/N)\*Time Point; LS Means



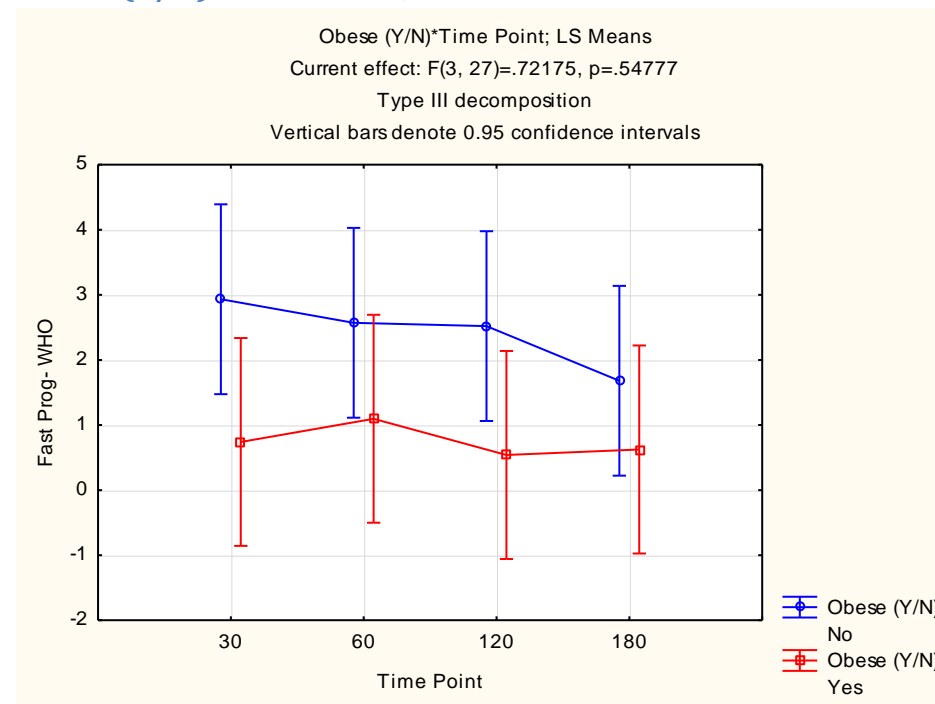
### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=.72175, p=.54777$   
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	No	30	2.933333	0.710762	1.47497	4.391696	30
2	No	60	2.570000	0.710762	1.11164	4.028363	30
3	No	120	2.520000	0.710762	1.06164	3.978363	30
4	No	180	1.680000	0.710762	0.22164	3.138363	30
5	Yes	30	0.740000	0.778601	-0.85756	2.337556	25
6	Yes	60	1.096000	0.778601	-0.50156	2.693556	25
7	Yes	120	0.540000	0.778601	-1.05756	2.137556	25
8	Yes	180	0.624000	0.778601	-0.97356	2.221556	25



### Obese (Y/N)\*Time Point; LS Means

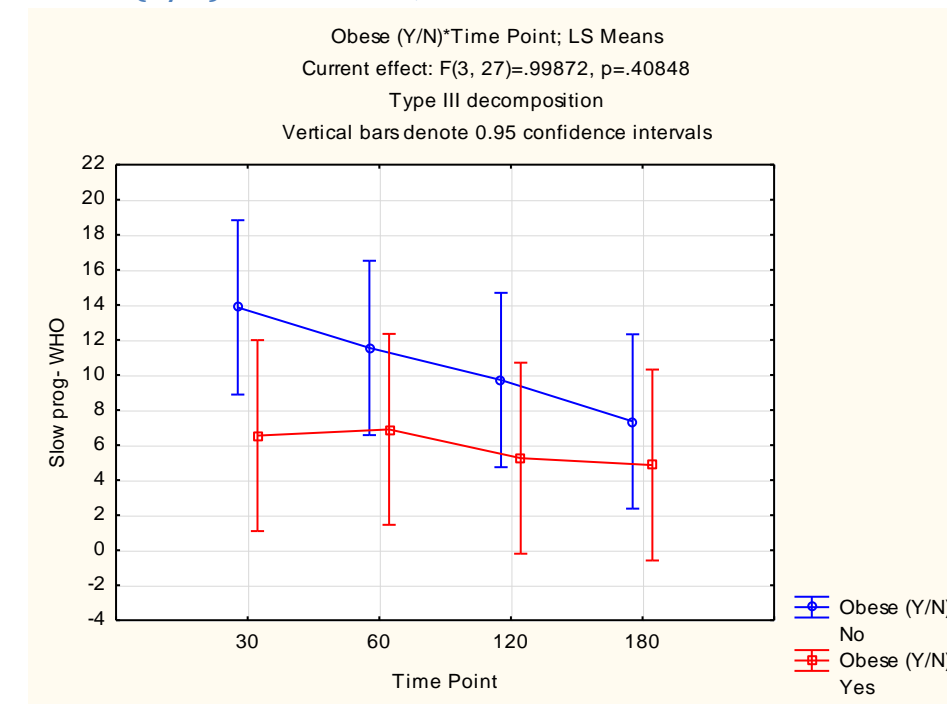


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.99872, p=.40848  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	No	30	13.85667	2.424517	8.881969	18.83136	30
2	No	60	11.54333	2.424517	6.568635	16.51803	30
3	No	120	9.71000	2.424517	4.735302	14.68470	30
4	No	180	7.34667	2.424517	2.371969	12.32136	30
5	Yes	30	6.54000	2.655925	1.090492	11.98951	25
6	Yes	60	6.89600	2.655925	1.446492	12.34551	25
7	Yes	120	5.25200	2.655925	-0.197508	10.70151	25
8	Yes	180	4.86000	2.655925	-0.589508	10.30951	25

### Obese (Y/N)\*Time Point; LS Means

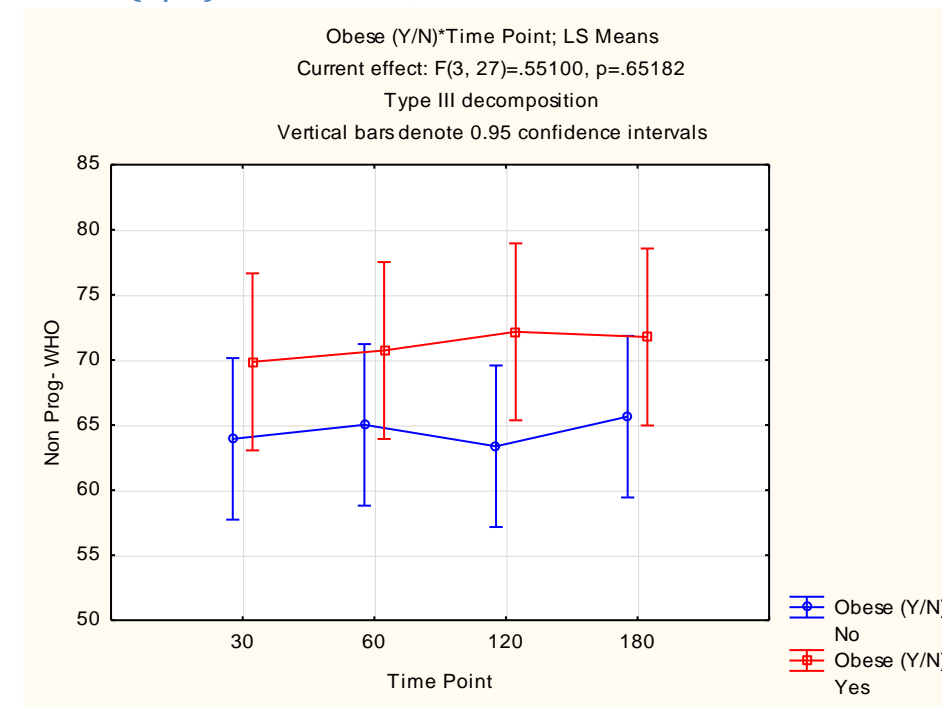


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.55100, p=.65182  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	No	30	63.93667	3.024298	57.73132	70.14201	30
2	No	60	65.01333	3.024298	58.80799	71.21868	30
3	No	120	63.37000	3.024298	57.16465	69.57535	30
4	No	180	65.64333	3.024298	59.43799	71.84868	30
5	Yes	30	69.85200	3.312953	63.05438	76.64962	25
6	Yes	60	70.72400	3.312953	63.92638	77.52162	25
7	Yes	120	72.16000	3.312953	65.36238	78.95762	25
8	Yes	180	71.76400	3.312953	64.96638	78.56162	25

### Obese (Y/N)\*Time Point; LS Means

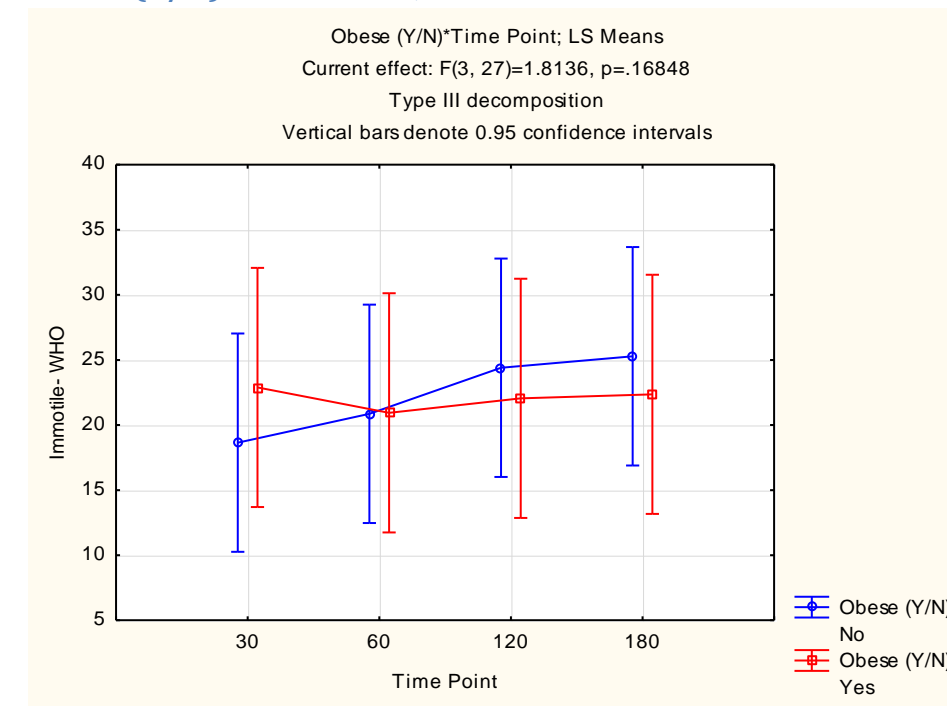


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.8136, p=.16848  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	No	30	18.64667	4.087461	10.25989	27.03344	30
2	No	60	20.86000	4.087461	12.47322	29.24678	30
3	No	120	24.40000	4.087461	16.01322	32.78678	30
4	No	180	25.28333	4.087461	16.89656	33.67011	30
5	Yes	30	22.88800	4.477589	13.70075	32.07525	25
6	Yes	60	20.94000	4.477589	11.75275	30.12725	25
7	Yes	120	22.04800	4.477589	12.86075	31.23525	25
8	Yes	180	22.35600	4.477589	13.16875	31.54325	25

### Obese (Y/N)\*Time Point; LS Means

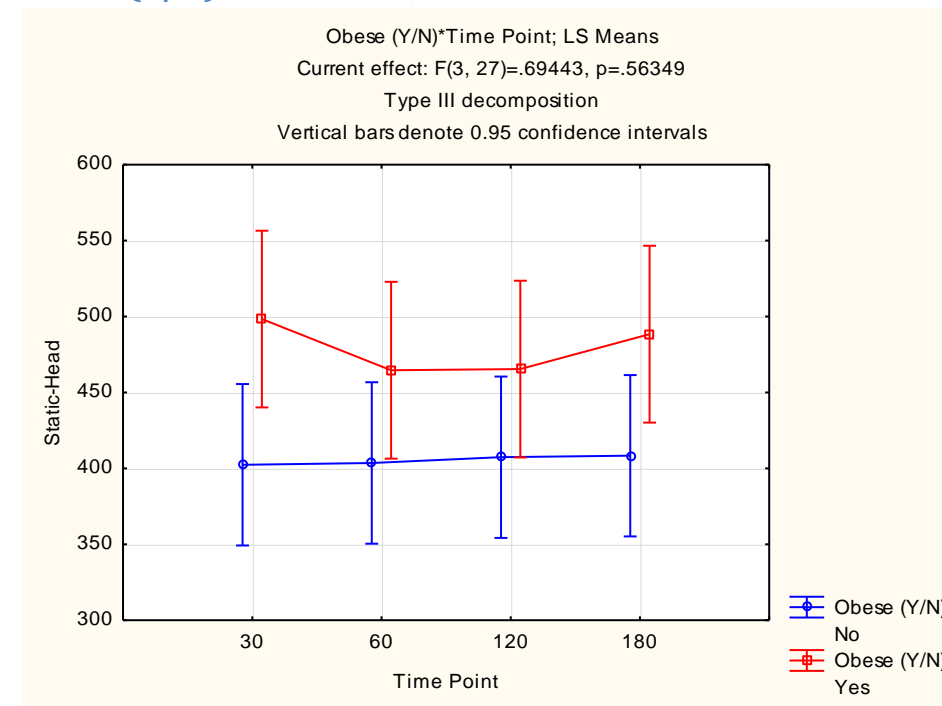


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.69443, p=.56349  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	No	30	402.4100	25.89943	349.2688	455.5512	30
2	No	60	403.5800	25.89943	350.4388	456.7212	30
3	No	120	407.3733	25.89943	354.2321	460.5146	30
4	No	180	408.3567	25.89943	355.2154	461.4979	30
5	Yes	30	498.3560	28.37140	440.1427	556.5693	25
6	Yes	60	464.6440	28.37140	406.4307	522.8573	25
7	Yes	120	465.3960	28.37140	407.1827	523.6093	25
8	Yes	180	488.3760	28.37140	430.1627	546.5893	25

### Obese (Y/N)\*Time Point; LS Means

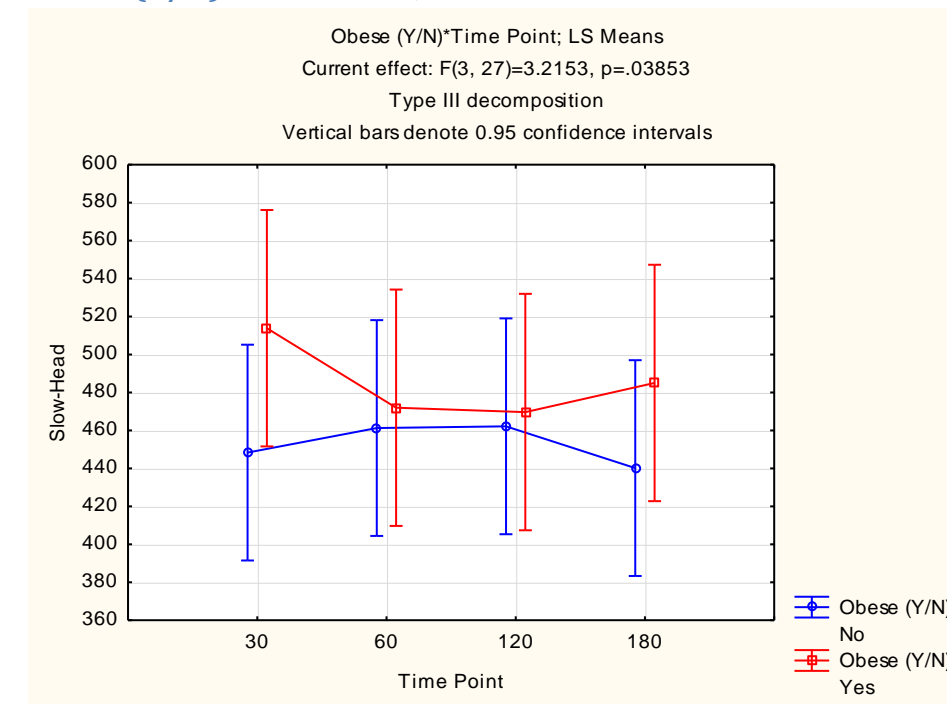


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=3.2153, p=.03853  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	No	30	448.3600	27.70420	391.5157	505.2043	30
2	No	60	461.2833	27.70420	404.4390	518.1277	30
3	No	120	462.1933	27.70420	405.3490	519.0377	30
4	No	180	440.1767	27.70420	383.3323	497.0210	30
5	Yes	30	513.8840	30.34843	451.6142	576.1538	25
6	Yes	60	471.9680	30.34843	409.6982	534.2378	25
7	Yes	120	469.6840	30.34843	407.4142	531.9538	25
8	Yes	180	485.0080	30.34843	422.7382	547.2778	25

### Obese (Y/N)\*Time Point; LS Means

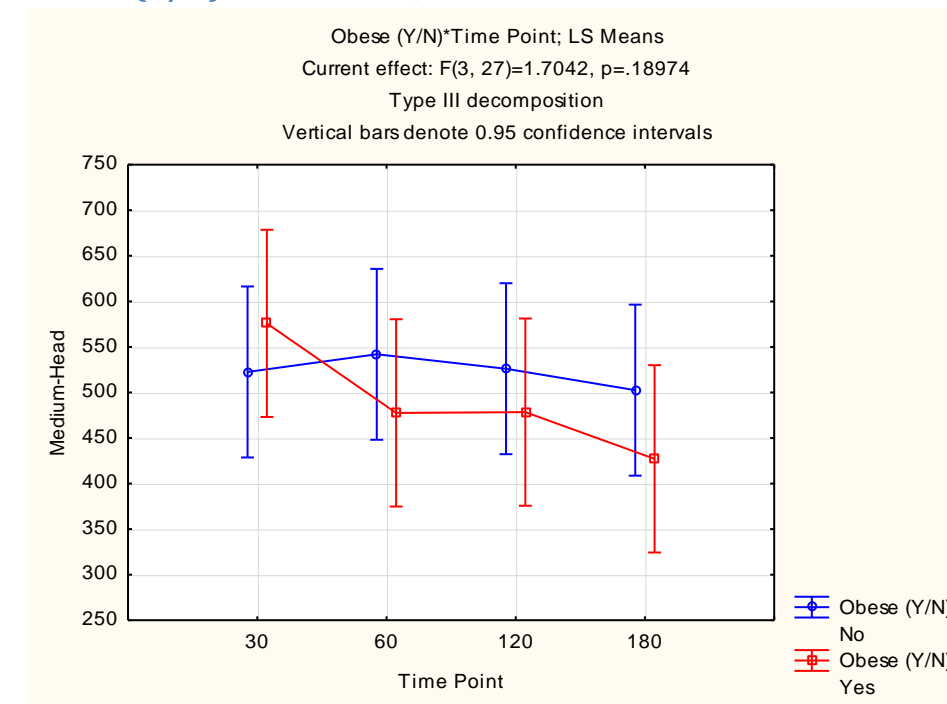


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=1.7042, p=.18974$   
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	No	30	522.5300	45.72106	428.7181	616.3419	30
2	No	60	541.9333	45.72106	448.1215	635.7452	30
3	No	120	526.0533	45.72106	432.2415	619.8652	30
4	No	180	502.5800	45.72106	408.7681	596.3919	30
5	Yes	30	575.8280	50.08492	473.0622	678.5938	25
6	Yes	60	477.6120	50.08492	374.8462	580.3778	25
7	Yes	120	478.4320	50.08492	375.6662	581.1978	25
8	Yes	180	427.1800	50.08492	324.4142	529.9458	25

### Obese (Y/N)\*Time Point; LS Means

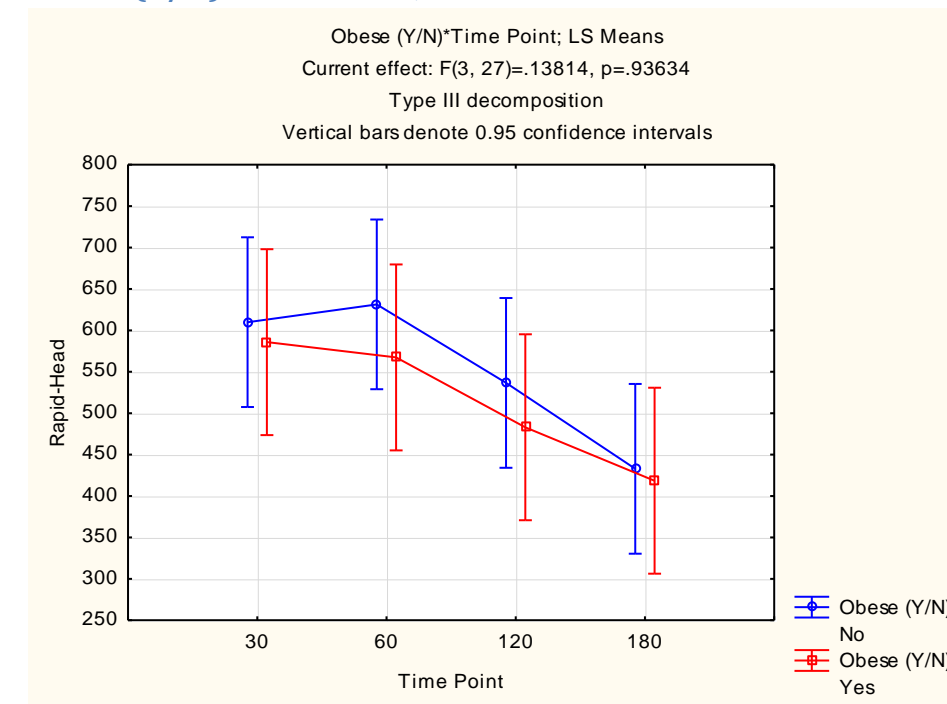


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=.13814, p=.93634$   
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	No	30	609.8633	49.93398	507.4073	712.3194	30
2	No	60	631.3333	49.93398	528.8773	733.7894	30
3	No	120	536.5900	49.93398	434.1339	639.0461	30
4	No	180	432.8533	49.93398	330.3973	535.3094	30
5	Yes	30	585.8080	54.69994	473.5730	698.0430	25
6	Yes	60	567.3400	54.69994	455.1050	679.5750	25
7	Yes	120	483.0040	54.69994	370.7690	595.2390	25
8	Yes	180	418.4520	54.69994	306.2170	530.6870	25

### Obese (Y/N)\*Time Point; LS Means



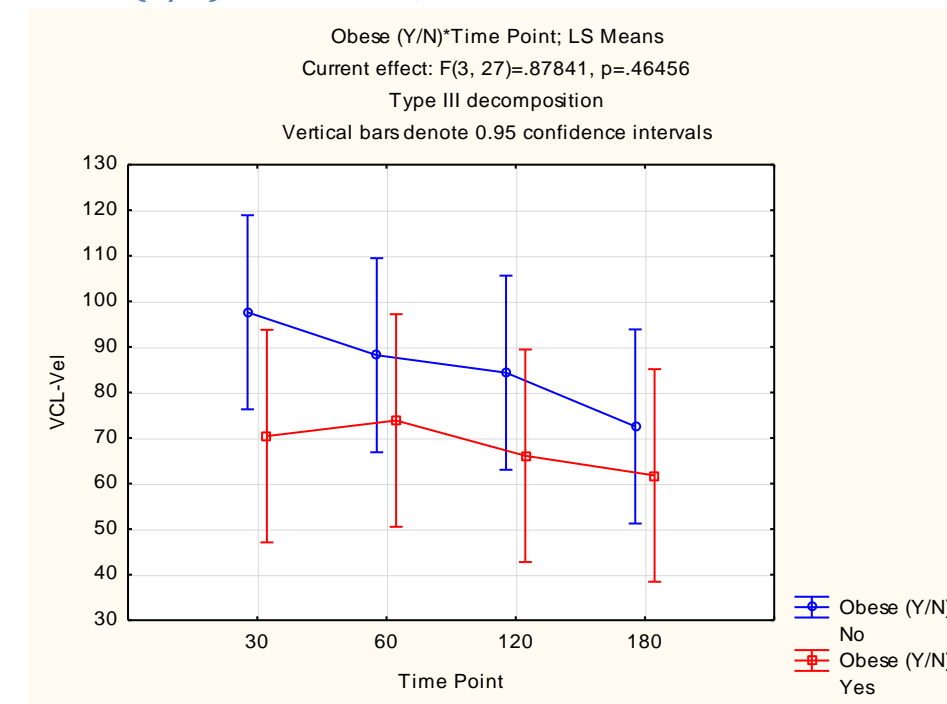
### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.87841, p=.46456  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	No	30	97.60333	10.38144	76.30239	118.9043	30
2	No	60	88.18000	10.38144	66.87905	109.4809	30
3	No	120	84.34667	10.38144	63.04572	105.6476	30
4	No	180	72.54667	10.38144	51.24572	93.8476	30
5	Yes	30	70.43600	11.37229	47.10198	93.7700	25
6	Yes	60	73.85200	11.37229	50.51798	97.1860	25
7	Yes	120	66.11200	11.37229	42.77798	89.4460	25
8	Yes	180	61.78400	11.37229	38.44998	85.1180	25



### Obese (Y/N)\*Time Point; LS Means

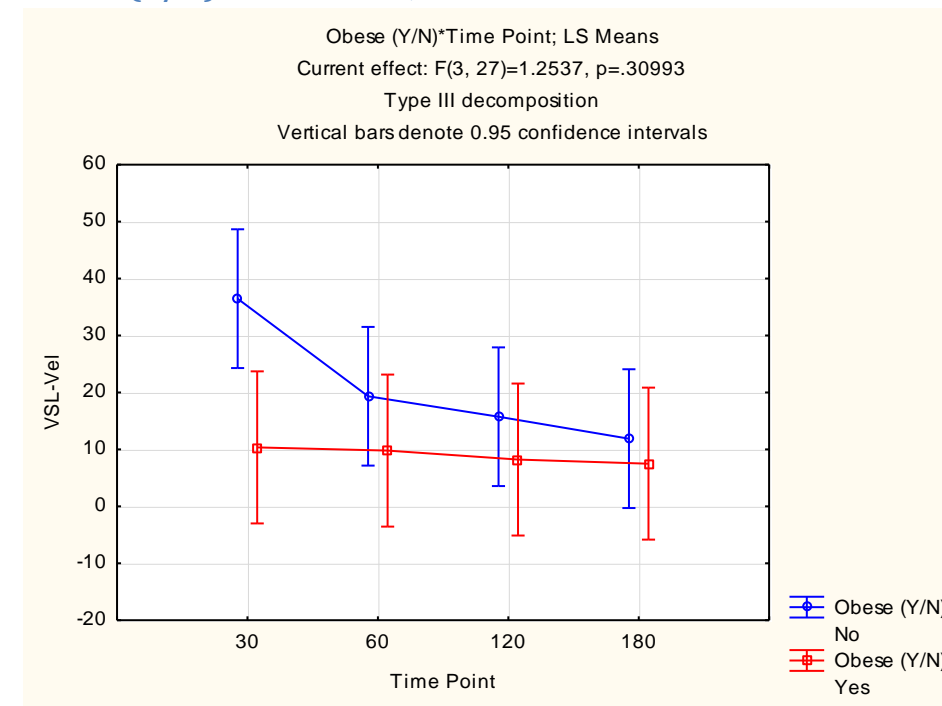


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.2537, p=.30993  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	No	30	36.47333	5.936803	24.29202	48.65465	30
2	No	60	19.34000	5.936803	7.15869	31.52131	30
3	No	120	15.74333	5.936803	3.56202	27.92465	30
4	No	180	11.89000	5.936803	-0.29131	24.07131	30
5	Yes	30	10.36000	6.503441	-2.98396	23.70396	25
6	Yes	60	9.80000	6.503441	-3.54396	23.14396	25
7	Yes	120	8.22400	6.503441	-5.11996	21.56796	25
8	Yes	180	7.50800	6.503441	-5.83596	20.85196	25

**Obese (Y/N)\*Time Point; LS Means**

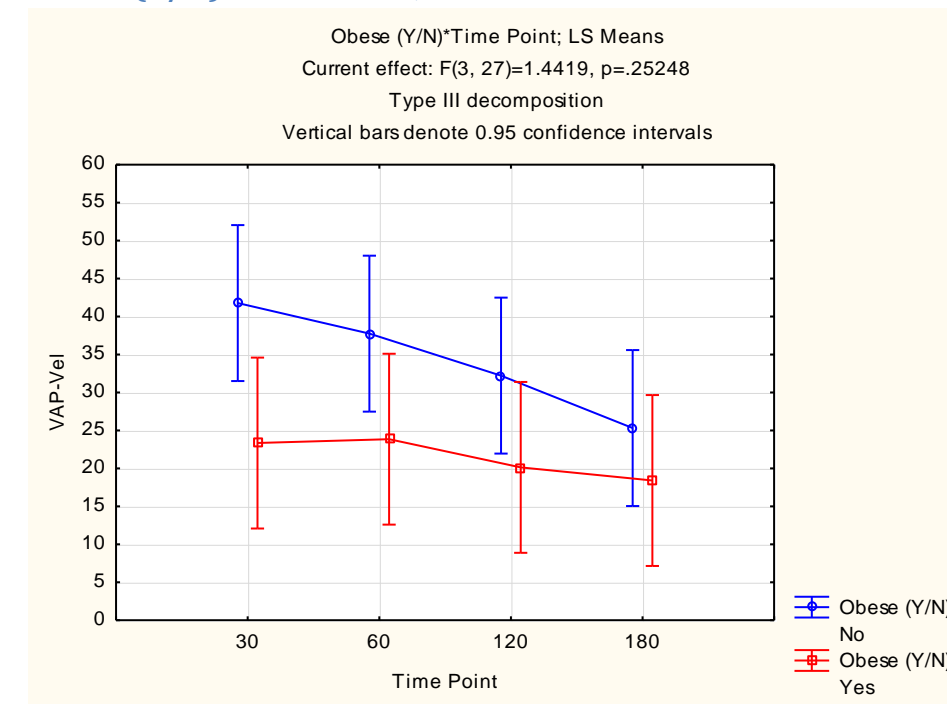


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.4419, p=.25248  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	No	30	41.77667	5.007032	31.50308	52.05025	30
2	No	60	37.75000	5.007032	27.47642	48.02358	30
3	No	120	32.22333	5.007032	21.94975	42.49692	30
4	No	180	25.31667	5.007032	15.04308	35.59025	30
5	Yes	30	23.34400	5.484929	12.08986	34.59814	25
6	Yes	60	23.84800	5.484929	12.59386	35.10214	25
7	Yes	120	20.14000	5.484929	8.88586	31.39414	25
8	Yes	180	18.41200	5.484929	7.15786	29.66614	25

### Obese (Y/N)\*Time Point; LS Means

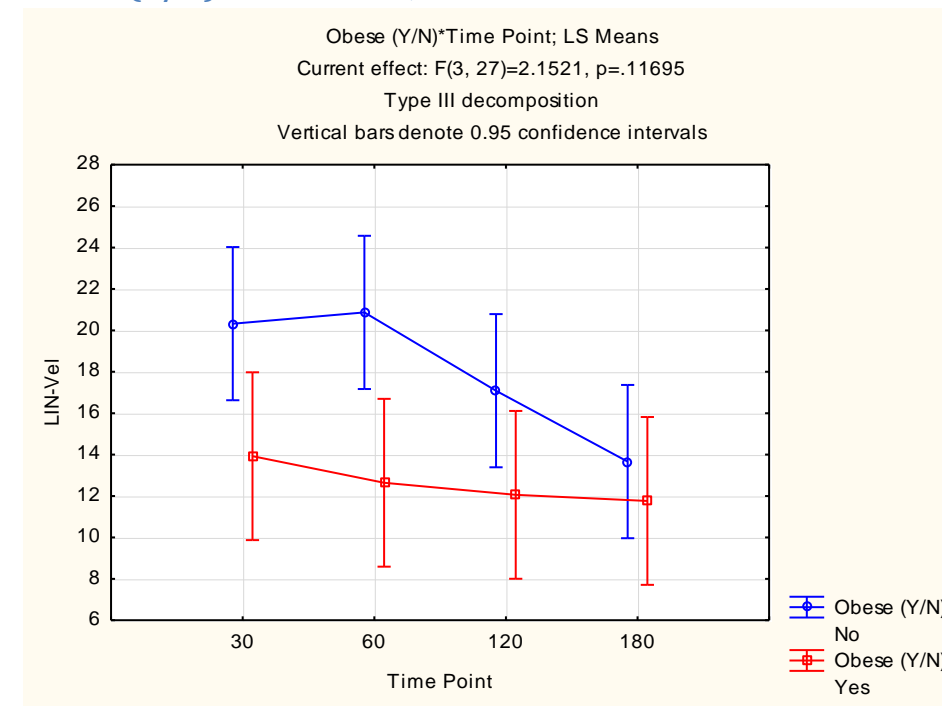


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=2.1521, p=.11695  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	No	30	20.32333	1.802598	16.62471	24.02196	30
2	No	60	20.86667	1.802598	17.16804	24.56529	30
3	No	120	17.08667	1.802598	13.38804	20.78529	30
4	No	180	13.66333	1.802598	9.96471	17.36196	30
5	Yes	30	13.92400	1.974647	9.87236	17.97564	25
6	Yes	60	12.64000	1.974647	8.58836	16.69164	25
7	Yes	120	12.05600	1.974647	8.00436	16.10764	25
8	Yes	180	11.76400	1.974647	7.71236	15.81564	25

**Obese (Y/N)\*Time Point; LS Means**

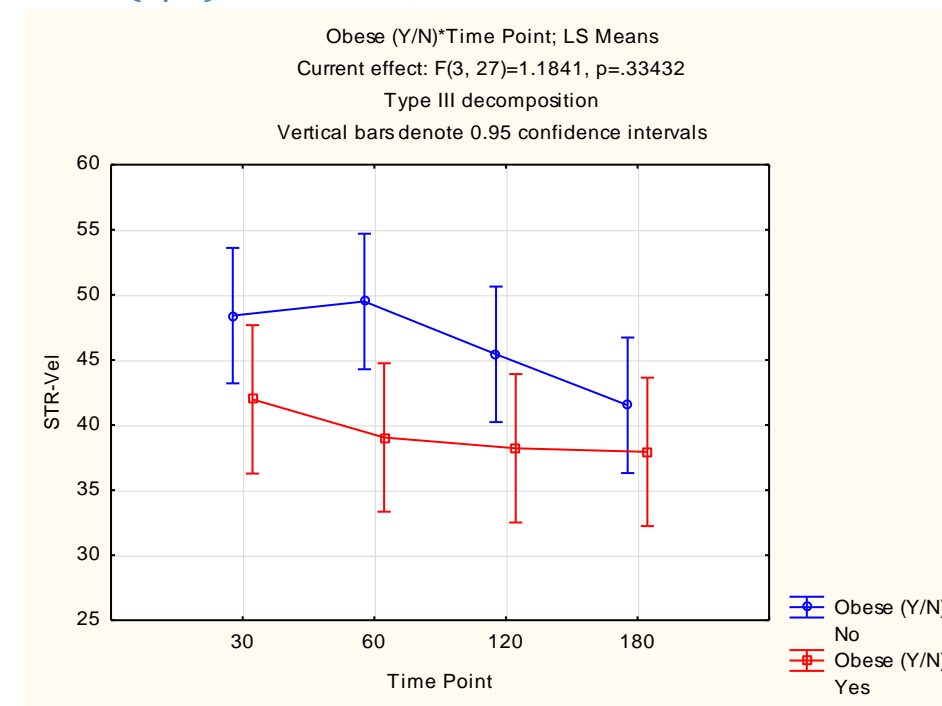


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.1841, p=.33432  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	No	30	48.40667	2.537820	43.19949	53.61384	30
2	No	60	49.49333	2.537820	44.28616	54.70051	30
3	No	120	45.43333	2.537820	40.22616	50.64051	30
4	No	180	41.52000	2.537820	36.31282	46.72718	30
5	Yes	30	41.97600	2.780042	36.27182	47.68018	25
6	Yes	60	39.04400	2.780042	33.33982	44.74818	25
7	Yes	120	38.21200	2.780042	32.50782	43.91618	25
8	Yes	180	37.93600	2.780042	32.23182	43.64018	25

**Obese (Y/N)\*Time Point; LS Means**

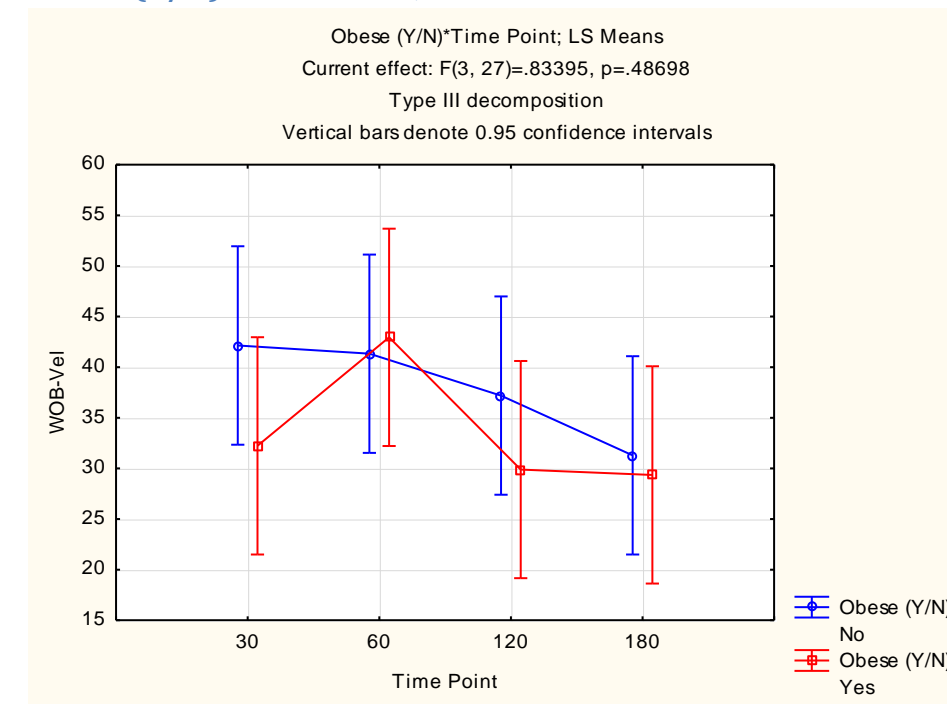


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=.83395, p=.48698  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	No	30	42.14333	4.773642	32.34863	51.93804	30
2	No	60	41.33000	4.773642	31.53530	51.12470	30
3	No	120	37.19000	4.773642	27.39530	46.98470	30
4	No	180	31.29000	4.773642	21.49530	41.08470	30
5	Yes	30	32.23200	5.229263	21.50244	42.96156	25
6	Yes	60	42.94800	5.229263	32.21844	53.67756	25
7	Yes	120	29.88800	5.229263	19.15844	40.61756	25
8	Yes	180	29.35600	5.229263	18.62644	40.08556	25

### Obese (Y/N)\*Time Point; LS Means

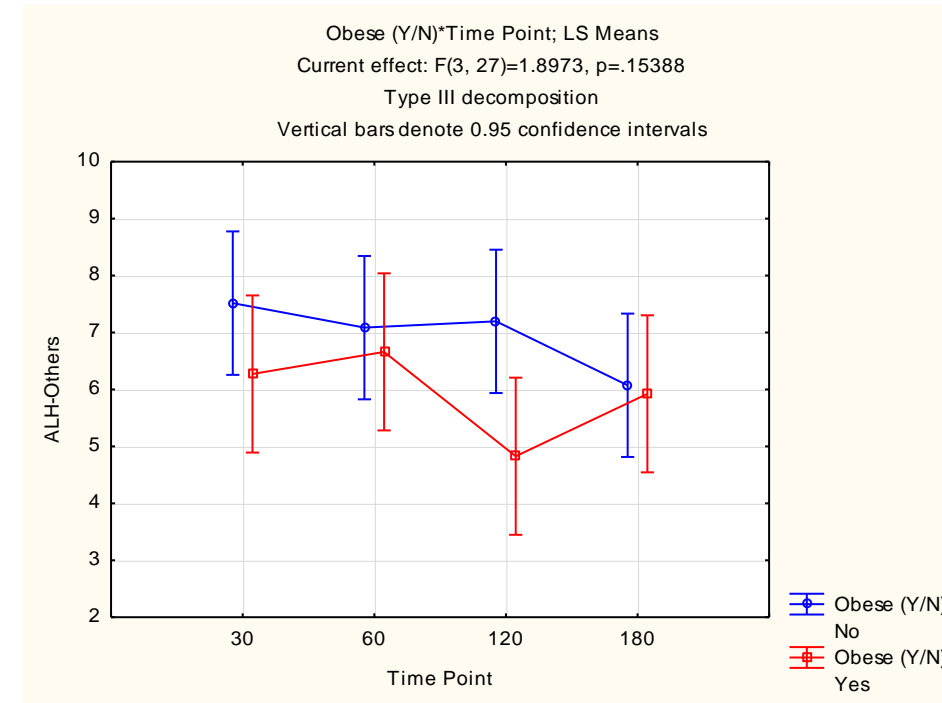


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.8973, p=.15388  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	No	30	7.516667	0.613561	6.257744	8.775589	30
2	No	60	7.086667	0.613561	5.827744	8.345589	30
3	No	120	7.196667	0.613561	5.937744	8.455589	30
4	No	180	6.073333	0.613561	4.814411	7.332256	30
5	Yes	30	6.272000	0.672122	4.892920	7.651080	25
6	Yes	60	6.660000	0.672122	5.280920	8.039080	25
7	Yes	120	4.828000	0.672122	3.448920	6.207080	25
8	Yes	180	5.924000	0.672122	4.544920	7.303080	25

**Obese (Y/N)\*Time Point; LS Means**

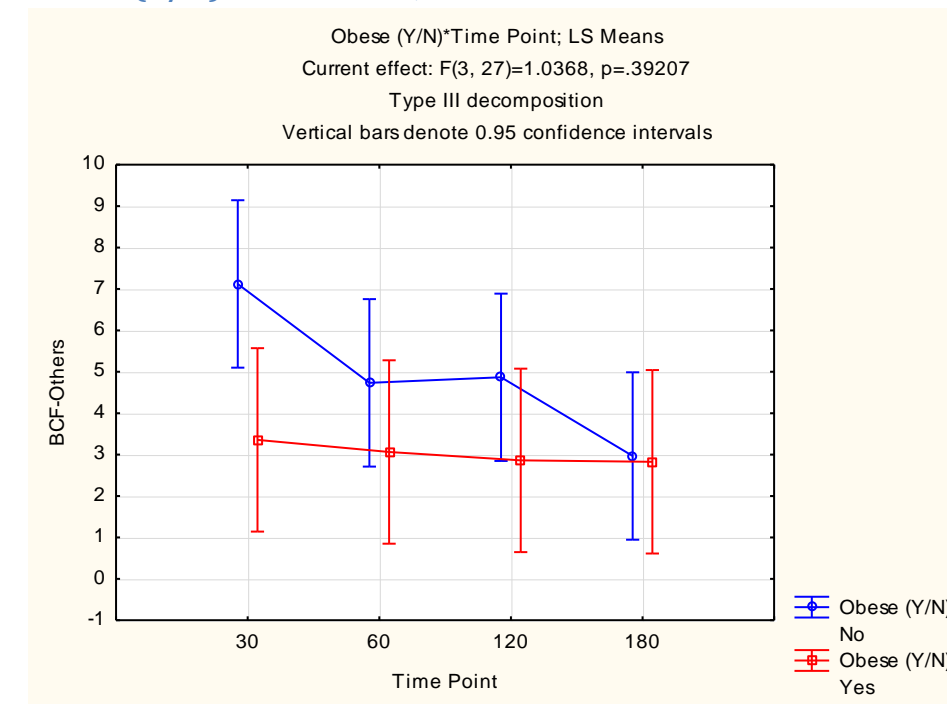


**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=1.0368, p=.39207  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	No	30	7.120000	0.985155	5.098628	9.141372	30
2	No	60	4.733333	0.985155	2.711961	6.754705	30
3	No	120	4.866667	0.985155	2.845295	6.888039	30
4	No	180	2.966667	0.985155	0.945295	4.988039	30
5	Yes	30	3.356000	1.079184	1.141698	5.570302	25
6	Yes	60	3.064000	1.079184	0.849698	5.278302	25
7	Yes	120	2.860000	1.079184	0.645698	5.074302	25
8	Yes	180	2.828000	1.079184	0.613698	5.042302	25

### Obese (Y/N)\*Time Point; LS Means



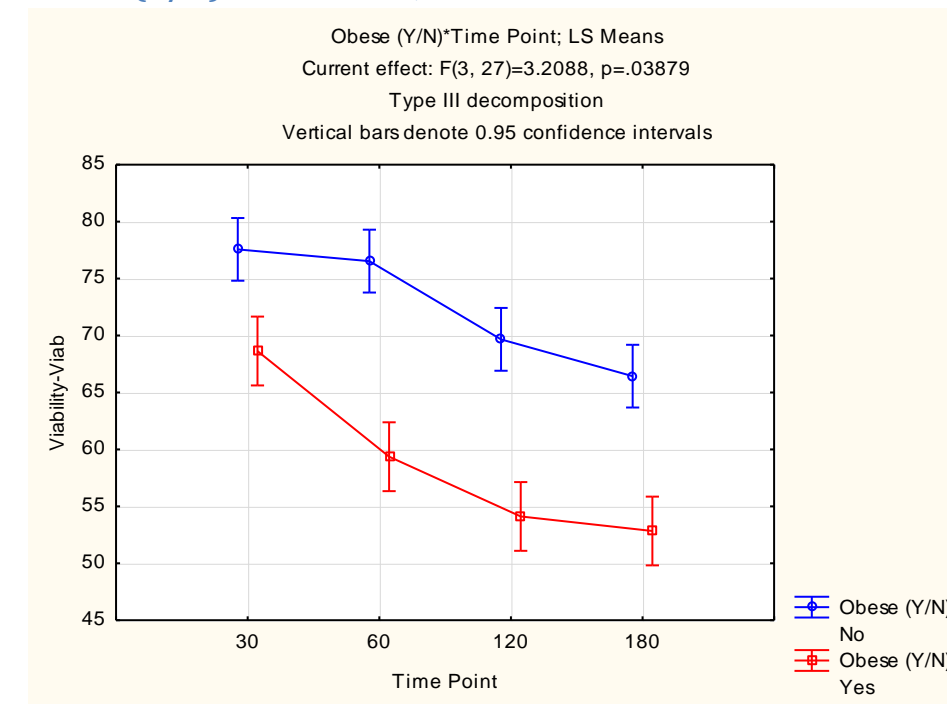
### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect:  $F(3, 27)=3.2088, p=.03879$   
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	No	30	77.56667	1.343429	74.81018	80.32316	30
2	No	60	76.53333	1.343429	73.77684	79.28982	30
3	No	120	69.66667	1.343429	66.91018	72.42316	30
4	No	180	66.43333	1.343429	63.67684	69.18982	30
5	Yes	30	68.64000	1.471653	65.62042	71.65958	25
6	Yes	60	59.36000	1.471653	56.34042	62.37958	25
7	Yes	120	54.12000	1.471653	51.10042	57.13958	25
8	Yes	180	52.84000	1.471653	49.82042	55.85958	25



### Obese (Y/N)\*Time Point; LS Means

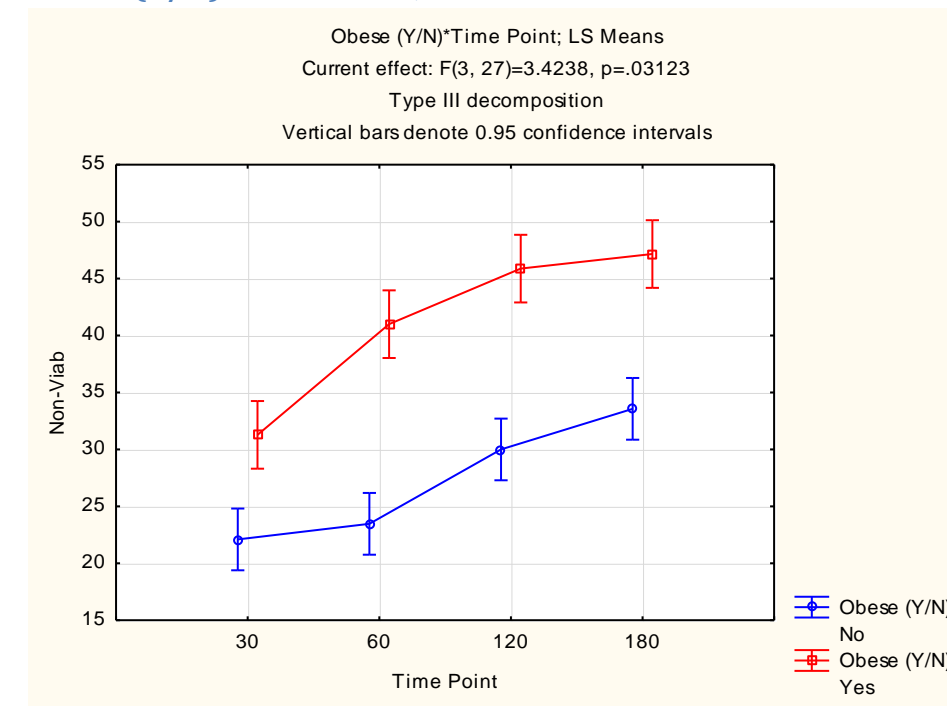


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=3.4238, p=.03123  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	No	30	22.10000	1.320577	19.39040	24.80960	30
2	No	60	23.46667	1.320577	20.75707	26.17627	30
3	No	120	30.00000	1.320577	27.29040	32.70960	30
4	No	180	33.56667	1.320577	30.85707	36.27627	30
5	Yes	30	31.28000	1.446619	28.31178	34.24822	25
6	Yes	60	41.00000	1.446619	38.03178	43.96822	25
7	Yes	120	45.88000	1.446619	42.91178	48.84822	25
8	Yes	180	47.16000	1.446619	44.19178	50.12822	25

### Obese (Y/N)\*Time Point; LS Means

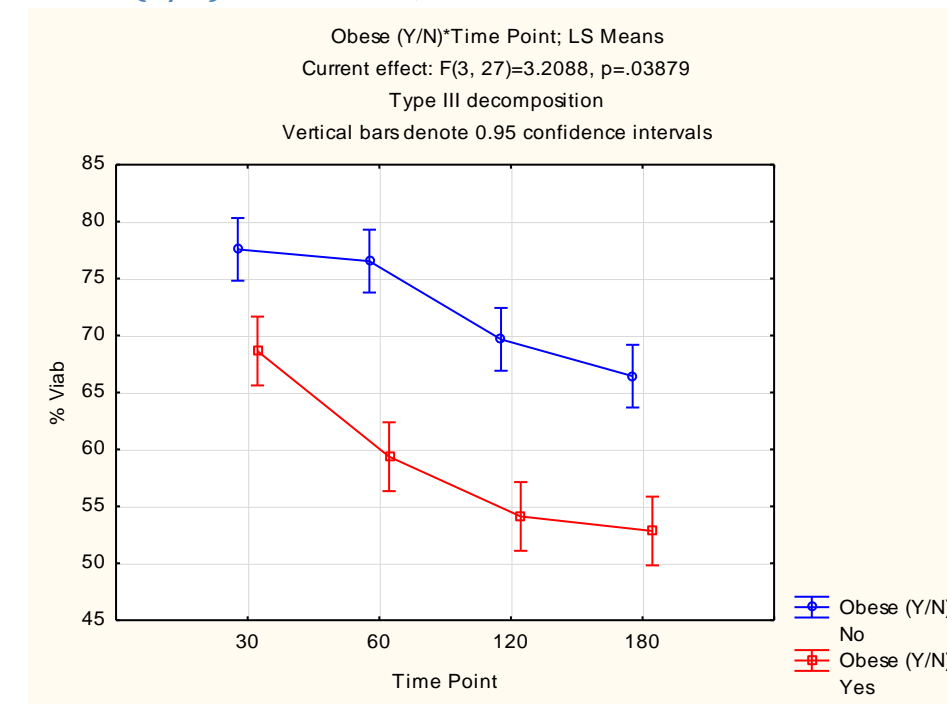


### Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Current effect: F(3, 27)=3.2088, p=.03879  
 Type III decomposition

Cell No.	Obese (Y/N)	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	No	30	77.56667	1.343429	74.81018	80.32316	30
2	No	60	76.53333	1.343429	73.77684	79.28982	30
3	No	120	69.66667	1.343429	66.91018	72.42316	30
4	No	180	66.43333	1.343429	63.67684	69.18982	30
5	Yes	30	68.64000	1.471653	65.62042	71.65958	25
6	Yes	60	59.36000	1.471653	56.34042	62.37958	25
7	Yes	120	54.12000	1.471653	51.10042	57.13958	25
8	Yes	180	52.84000	1.471653	49.82042	55.85958	25

### Obese (Y/N)\*Time Point; LS Means



### LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 19.917	{2} - 22.184	{3} - 23.889	{4} - 22.120	{5} - 22.779
1	0		0.212503	0.032509	0.225368	0.117768
2	1	0.212503		0.346056	0.971726	0.740808
3	2	0.032509	0.346056		0.328555	0.538229
4	3	0.225368	0.971726	0.328555		0.714263
5	4	0.117768	0.740808	0.538229	0.714263	

### LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	-2.26708	1.786187	0.212503	-5.88964	1.355472
{1}-{3}	0	2	-3.97250	1.786187	0.032509	-7.59506	-0.349944
{1}-{4}	0	3	-2.20333	1.786187	0.225368	-5.82589	1.419222
{1}-{5}	0	4	-2.86250	1.786187	0.117768	-6.48506	0.760056
{2}-{3}	1	2	-1.70542	1.786187	0.346056	-5.32797	1.917139
{2}-{4}	1	3	0.06375	1.786187	0.971726	-3.55881	3.686306
{2}-{5}	1	4	-0.59542	1.786187	0.740808	-4.21797	3.027139
{3}-{4}	2	3	1.76917	1.786187	0.328555	-1.85339	5.391722
{3}-{5}	2	4	1.11000	1.786187	0.538229	-2.51256	4.732556
{4}-{5}	3	4	-0.65917	1.786187	0.714263	-4.28172	2.963389

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 74.209	{2} - 72.627	{3} - 71.868	{4} - 74.301	{5} - 74.356
1	0		0.300161	0.128538	0.951769	0.922907
2	1	0.300161		0.617031	0.273452	0.258264
3	2	0.128538	0.617031		0.114702	0.107004
4	3	0.951769	0.273452	0.114702		0.971050
5	4	0.922907	0.258264	0.107004	0.971050	

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	1.58208	1.504989	0.300161	-1.47018	4.634343
{1}-{3}	0	2	2.34125	1.504989	0.128538	-0.71101	5.393510
{1}-{4}	0	3	-0.09167	1.504989	0.951769	-3.14393	2.960593
{1}-{5}	0	4	-0.14667	1.504989	0.922907	-3.19893	2.905593
{2}-{3}	1	2	0.75917	1.504989	0.617031	-2.29309	3.811427
{2}-{4}	1	3	-1.67375	1.504989	0.273452	-4.72601	1.378510
{2}-{5}	1	4	-1.72875	1.504989	0.258264	-4.78101	1.323510
{3}-{4}	2	3	-2.43292	1.504989	0.114702	-5.48518	0.619343
{3}-{5}	2	4	-2.48792	1.504989	0.107004	-5.54018	0.564343
{4}-{5}	3	4	-0.05500	1.504989	0.971050	-3.10726	2.997260

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 5.8742	{2} - 5.1787	{3} - 4.2337	{4} - 3.5800	{5} - 2.8671
1	0		0.403229	0.053627	0.008366	0.000808
2	1	0.403229		0.257966	0.059672	0.007927
3	2	0.053627	0.257966		0.431732	0.105140

4	3	0.008366	0.059672	0.431732		0.391616
5	4	0.000808	0.007927	0.105140	0.391616	

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	0.695417	0.822161	0.403229	-0.97200	2.362836
{1}-{3}	0	2	1.640417	0.822161	0.053627	-0.02700	3.307836
{1}-{4}	0	3	2.294167	0.822161	0.008366	0.62675	3.961586
{1}-{5}	0	4	3.007083	0.822161	0.000808	1.33966	4.674503
{2}-{3}	1	2	0.945000	0.822161	0.257966	-0.72242	2.612419
{2}-{4}	1	3	1.598750	0.822161	0.059672	-0.06867	3.266169
{2}-{5}	1	4	2.311667	0.822161	0.007927	0.64425	3.979086
{3}-{4}	2	3	0.653750	0.822161	0.431732	-1.01367	2.321169
{3}-{5}	2	4	1.366667	0.822161	0.105140	-0.30075	3.034086
{4}-{5}	3	4	0.712917	0.822161	0.391616	-0.95450	2.380336

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 9.5383	{2} - 7.7058	{3} - 6.4446	{4} - 6.1250	{5} - 5.1287

1	0		0.256109	0.059215	0.038391	0.008658
2	1	0.256109		0.432254	0.326136	0.113342
3	2	0.059215	0.432254		0.841634	0.412777
4	3	0.038391	0.326136	0.841634		0.534374
5	4	0.008658	0.113342	0.412777	0.534374	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	1.832500	1.587973	0.256109	-1.38806	5.053058
{1}-{3}	0	2	3.093750	1.587973	0.059215	-0.12681	6.314308
{1}-{4}	0	3	3.413333	1.587973	0.038391	0.19278	6.633891
{1}-{5}	0	4	4.409583	1.587973	0.008658	1.18903	7.630141
{2}-{3}	1	2	1.261250	1.587973	0.432254	-1.95931	4.481808
{2}-{4}	1	3	1.580833	1.587973	0.326136	-1.63972	4.801391
{2}-{5}	1	4	2.577083	1.587973	0.113342	-0.64347	5.797641
{3}-{4}	2	3	0.319583	1.587973	0.841634	-2.90097	3.540141
{3}-{5}	2	4	1.315833	1.587973	0.412777	-1.90472	4.536391
{4}-{5}	3	4	0.996250	1.587973	0.534374	-2.22431	4.216808

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)	
Probabilities for Post Hoc Tests	

Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 12.885	{2} - 12.936	{3} - 12.187	{4} - 10.662	{5} - 9.8142
1	0		0.967089	0.571709	0.077630	0.016715
2	1	0.967089		0.544184	0.071357	0.015122
3	2	0.571709	0.544184		0.220912	0.060360
4	3	0.077630	0.071357	0.220912		0.492535
5	4	0.016715	0.015122	0.060360	0.492535	

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	-0.050833	1.223516	0.967089	-2.53224	2.430572
{1}-{3}	0	2	0.698333	1.223516	0.571709	-1.78307	3.179739
{1}-{4}	0	3	2.222500	1.223516	0.077630	-0.25891	4.703905
{1}-{5}	0	4	3.070833	1.223516	0.016715	0.58943	5.552239
{2}-{3}	1	2	0.749167	1.223516	0.544184	-1.73224	3.230572
{2}-{4}	1	3	2.273333	1.223516	0.071357	-0.20807	4.754739
{2}-{5}	1	4	3.121667	1.223516	0.015122	0.64026	5.603072
{3}-{4}	2	3	1.524167	1.223516	0.220912	-0.95724	4.005572
{3}-{5}	2	4	2.372500	1.223516	0.060360	-0.10891	4.853905
{4}-{5}	3	4	0.848333	1.223516	0.492535	-1.63307	3.329739



**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 57.649	{2} - 57.187	{3} - 57.720	{4} - 61.114	{5} - 62.279
1	0		0.808978	0.970427	0.076098	0.019735
2	1	0.808978		0.780425	0.045696	0.010933
3	2	0.970427	0.780425		0.082027	0.021550
4	3	0.076098	0.045696	0.082027		0.543230
5	4	0.019735	0.010933	0.021550	0.543230	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	0.46208	1.897442	0.808978	-3.38611	4.31027
{1}-{3}	0	2	-0.07083	1.897442	0.970427	-3.91902	3.77736
{1}-{4}	0	3	-3.46542	1.897442	0.076098	-7.31361	0.38277
{1}-{5}	0	4	-4.63000	1.897442	0.019735	-8.47819	-0.78181
{2}-{3}	1	2	-0.53292	1.897442	0.780425	-4.38111	3.31527
{2}-{4}	1	3	-3.92750	1.897442	0.045696	-7.77569	-0.07931
{2}-{5}	1	4	-5.09208	1.897442	0.010933	-8.94027	-1.24389
{3}-{4}	2	3	-3.39458	1.897442	0.082027	-7.24277	0.45361

{3}-{5}	2	4	-4.55917	1.897442	0.021550	-8.40736	-0.71098
{4}-{5}	3	4	-1.16458	1.897442	0.543230	-5.01277	2.68361

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 19.917	{2} - 22.184	{3} - 24.389	{4} - 22.120	{5} - 22.779
1	0		0.216365	0.017846	0.229288	0.120842
2	1	0.216365		0.228857	0.971969	0.742947
3	2	0.017846	0.228857		0.215952	0.377453
4	3	0.229288	0.971969	0.215952		0.716602
5	4	0.120842	0.742947	0.377453	0.716602	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	-2.26708	1.801631	0.216365	-5.92096	1.386793
{1}-{3}	0	2	-4.47250	1.801631	0.017846	-8.12638	-0.818624
{1}-{4}	0	3	-2.20333	1.801631	0.229288	-5.85721	1.450543
{1}-{5}	0	4	-2.86250	1.801631	0.120842	-6.51638	0.791376
{2}-{3}	1	2	-2.20542	1.801631	0.228857	-5.85929	1.448459

{2}-{4}	1	3	0.06375	1.801631	0.971969	-3.59013	3.717626
{2}-{5}	1	4	-0.59542	1.801631	0.742947	-4.24929	3.058459
{3}-{4}	2	3	2.26917	1.801631	0.215952	-1.38471	5.923043
{3}-{5}	2	4	1.61000	1.801631	0.377453	-2.04388	5.263876
{4}-{5}	3	4	-0.65917	1.801631	0.716602	-4.31304	2.994709

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Probabilities for Post Hoc Tests  
 Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 2.6879	{2} - 1.8425	{3} - 1.4004	{4} - 1.3000	{5} - .70875
1	0		0.081079	0.009658	0.005606	0.000167
2	1	0.081079		0.354215	0.257020	0.021339
3	2	0.009658	0.354215		0.832384	0.150673
4	3	0.005606	0.257020	0.832384		0.217480
5	4	0.000167	0.021339	0.150673	0.217480	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Simultaneous confidence intervals  
 Effect: Concentration\_New

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	0.845417	0.471026	0.081079	-0.109869	1.800702
{1}-{3}	0	2	1.287500	0.471026	0.009658	0.332214	2.242786

{1}-{4}	0	3	1.387917	0.471026	0.005606	0.432631	2.343202
{1}-{5}	0	4	1.979167	0.471026	0.000167	1.023881	2.934452
{2}-{3}	1	2	0.442083	0.471026	0.354215	-0.513202	1.397369
{2}-{4}	1	3	0.542500	0.471026	0.257020	-0.412786	1.497786
{2}-{5}	1	4	1.133750	0.471026	0.021339	0.178464	2.089036
{3}-{4}	2	3	0.100417	0.471026	0.832384	-0.854869	1.055702
{3}-{5}	2	4	0.691667	0.471026	0.150673	-0.263619	1.646952
{4}-{5}	3	4	0.591250	0.471026	0.217480	-0.364036	1.546536

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
<b>Cell No.</b>	<b>Concentration_New</b>	<b>{1} - 10.248</b>	<b>{2} - 9.2396</b>	<b>{3} - 8.1917</b>	<b>{4} - 7.1150</b>	<b>{5} - 6.4587</b>
1	0		0.480737	0.154884	0.033264	0.011101
2	1	0.480737		0.463806	0.142001	0.057165
3	2	0.154884	0.463806		0.451729	0.228706
4	3	0.033264	0.142001	0.451729		0.645636
5	4	0.011101	0.057165	0.228706	0.645636	

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>

Cell {#1}-{#2}							
{1}-{2}	0	1	1.008333	1.415170	0.480737	-1.86177	3.878432
{1}-{3}	0	2	2.056250	1.415170	0.154884	-0.81385	4.926348
{1}-{4}	0	3	3.132917	1.415170	0.033264	0.26282	6.003015
{1}-{5}	0	4	3.789167	1.415170	0.011101	0.91907	6.659265
{2}-{3}	1	2	1.047917	1.415170	0.463806	-1.82218	3.918015
{2}-{4}	1	3	2.124583	1.415170	0.142001	-0.74552	4.994682
{2}-{5}	1	4	2.780833	1.415170	0.057165	-0.08927	5.650932
{3}-{4}	2	3	1.076667	1.415170	0.451729	-1.79343	3.946765
{3}-{5}	2	4	1.732917	1.415170	0.228706	-1.13718	4.603015
{4}-{5}	3	4	0.656250	1.415170	0.645636	-2.21385	3.526348

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 66.820	{2} - 66.462	{3} - 66.410	{4} - 69.478	{5} - 69.868
1	0		0.823103	0.797876	0.102698	0.062786
2	1	0.823103		0.974009	0.065506	0.038742
3	2	0.797876	0.974009		0.061194	0.036023
4	3	0.102698	0.065506	0.061194		0.807337
5	4	0.062786	0.038742	0.036023	0.807337	

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)	
Simultaneous confidence intervals	

Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	0.35750	1.587529	0.823103	-2.86216	3.577157
{1}-{3}	0	2	0.40958	1.587529	0.797876	-2.81007	3.629240
{1}-{4}	0	3	-2.65833	1.587529	0.102698	-5.87799	0.561324
{1}-{5}	0	4	-3.04833	1.587529	0.062786	-6.26799	0.171324
{2}-{3}	1	2	0.05208	1.587529	0.974009	-3.16757	3.271740
{2}-{4}	1	3	-3.01583	1.587529	0.065506	-6.23549	0.203824
{2}-{5}	1	4	-3.40583	1.587529	0.038742	-6.62549	-0.186176
{3}-{4}	2	3	-3.06792	1.587529	0.061194	-6.28757	0.151740
{3}-{5}	2	4	-3.45792	1.587529	0.036023	-6.67757	-0.238260
{4}-{5}	3	4	-0.39000	1.587529	0.807337	-3.60966	2.829657

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 19.917	{2} - 22.184	{3} - 23.889	{4} - 22.120	{5} - 22.779
1	0		0.212503	0.032509	0.225368	0.117768
2	1	0.212503		0.346056	0.971726	0.740808
3	2	0.032509	0.346056		0.328555	0.538229
4	3	0.225368	0.971726	0.328555		0.714263
5	4	0.117768	0.740808	0.538229	0.714263	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	-2.26708	1.786187	0.212503	-5.88964	1.355472
{1}-{3}	0	2	-3.97250	1.786187	0.032509	-7.59506	-0.349944
{1}-{4}	0	3	-2.20333	1.786187	0.225368	-5.82589	1.419222
{1}-{5}	0	4	-2.86250	1.786187	0.117768	-6.48506	0.760056
{2}-{3}	1	2	-1.70542	1.786187	0.346056	-5.32797	1.917139
{2}-{4}	1	3	0.06375	1.786187	0.971726	-3.55881	3.686306
{2}-{5}	1	4	-0.59542	1.786187	0.740808	-4.21797	3.027139
{3}-{4}	2	3	1.76917	1.786187	0.328555	-1.85339	5.391722
{3}-{5}	2	4	1.11000	1.786187	0.538229	-2.51256	4.732556
{4}-{5}	3	4	-0.65917	1.786187	0.714263	-4.28172	2.963389

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 448.22	{2} - 449.31	{3} - 438.41	{4} - 430.75	{5} - 444.86
1	0		0.951744	0.587423	0.335816	0.852270
2	1	0.951744		0.546724	0.306903	0.805155
3	2	0.587423	0.546724		0.671183	0.721010

4	3	0.335816	0.306903	0.671183		0.435886
5	4	0.852270	0.805155	0.721010	0.435886	

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	-1.0917	17.91368	0.951744	-37.4223	35.23895
{1}-{3}	0	2	9.8075	17.91368	0.587423	-26.5231	46.13812
{1}-{4}	0	3	17.4750	17.91368	0.335816	-18.8556	53.80562
{1}-{5}	0	4	3.3600	17.91368	0.852270	-32.9706	39.69062
{2}-{3}	1	2	10.8992	17.91368	0.546724	-25.4315	47.22979
{2}-{4}	1	3	18.5667	17.91368	0.306903	-17.7640	54.89729
{2}-{5}	1	4	4.4517	17.91368	0.805155	-31.8790	40.78229
{3}-{4}	2	3	7.6675	17.91368	0.671183	-28.6631	43.99812
{3}-{5}	2	4	-6.4475	17.91368	0.721010	-42.7781	29.88312
{4}-{5}	3	4	-14.1150	17.91368	0.435886	-50.4456	22.21562

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 465.75	{2} - 471.68	{3} - 465.33	{4} - 469.13	{5} - 473.46



1	0		0.538586	0.965056	0.725719	0.424575
2	1	0.538586		0.510288	0.790756	0.852864
3	2	0.965056	0.510288		0.693206	0.399954
4	3	0.725719	0.790756	0.693206		0.652474
5	4	0.424575	0.852864	0.399954	0.652474	

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	-5.92875	9.548852	0.538586	-25.2947	13.43722
{1}-{3}	0	2	0.42125	9.548852	0.965056	-18.9447	19.78722
{1}-{4}	0	3	-3.37625	9.548852	0.725719	-22.7422	15.98972
{1}-{5}	0	4	-7.71250	9.548852	0.424575	-27.0785	11.65347
{2}-{3}	1	2	6.35000	9.548852	0.510288	-13.0160	25.71597
{2}-{4}	1	3	2.55250	9.548852	0.790756	-16.8135	21.91847
{2}-{5}	1	4	-1.78375	9.548852	0.852864	-21.1497	17.58222
{3}-{4}	2	3	-3.79750	9.548852	0.693206	-23.1635	15.56847
{3}-{5}	2	4	-8.13375	9.548852	0.399954	-27.4997	11.23222
{4}-{5}	3	4	-4.33625	9.548852	0.652474	-23.7022	15.02972

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)	
Probabilities for Post Hoc Tests	

Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 535.55	{2} - 521.70	{3} - 520.73	{4} - 465.55	{5} - 489.06
1	0		0.633374	0.609697	0.020129	0.115047
2	1	0.633374		0.973120	0.058912	0.264330
3	2	0.609697	0.973120		0.063233	0.278646
4	3	0.020129	0.058912	0.063233		0.419421
5	4	0.115047	0.264330	0.278646	0.419421	

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	13.8475	28.78444	0.633374	-44.5301	72.2251
{1}-{3}	0	2	14.8242	28.78444	0.609697	-43.5534	73.2017
{1}-{4}	0	3	69.9971	28.78444	0.020129	11.6195	128.3746
{1}-{5}	0	4	46.4863	28.78444	0.115047	-11.8913	104.8638
{2}-{3}	1	2	0.9767	28.78444	0.973120	-57.4009	59.3542
{2}-{4}	1	3	56.1496	28.78444	0.058912	-2.2280	114.5271
{2}-{5}	1	4	32.6388	28.78444	0.264330	-25.7388	91.0163
{3}-{4}	2	3	55.1729	28.78444	0.063233	-3.2046	113.5505
{3}-{5}	2	4	31.6621	28.78444	0.278646	-26.7155	90.0396
{4}-{5}	3	4	-23.5108	28.78444	0.419421	-81.8884	34.8667

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 607.33	{2} - 594.49	{3} - 529.26	{4} - 491.89	{5} - 442.81
1	0		0.799338	0.128082	0.027153	0.002295
2	1	0.799338		0.201360	0.048000	0.004554
3	2	0.128082	0.201360		0.460737	0.093161
4	3	0.027153	0.048000	0.460737		0.334080
5	4	0.002295	0.004554	0.093161	0.334080	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	12.8363	50.12377	0.799338	-88.8195	114.4920
{1}-{3}	0	2	78.0717	50.12377	0.128082	-23.5841	179.7274
{1}-{4}	0	3	115.4450	50.12377	0.027153	13.7893	217.1007
{1}-{5}	0	4	164.5196	50.12377	0.002295	62.8639	266.1753
{2}-{3}	1	2	65.2354	50.12377	0.201360	-36.4203	166.8911
{2}-{4}	1	3	102.6087	50.12377	0.048000	0.9530	204.2645
{2}-{5}	1	4	151.6833	50.12377	0.004554	50.0276	253.3391
{3}-{4}	2	3	37.3733	50.12377	0.460737	-64.2824	139.0291

{3}-{5}	2	4	86.4479	50.12377	0.093161	-15.2078	188.1036
{4}-{5}	3	4	49.0746	50.12377	0.334080	-52.5811	150.7303

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 86.345	{2} - 80.887	{3} - 75.055	{4} - 73.085	{5} - 68.916
1	0		0.340099	0.053121	0.024450	0.003875
2	1	0.340099		0.308530	0.175525	0.040926
3	2	0.053121	0.308530		0.729154	0.284027
4	3	0.024450	0.175525	0.729154		0.464949
5	4	0.003875	0.040926	0.284027	0.464949	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	5.45792	5.645395	0.340099	-5.99147	16.90731
{1}-{3}	0	2	11.28917	5.645395	0.053121	-0.16022	22.73856
{1}-{4}	0	3	13.25917	5.645395	0.024450	1.80978	24.70856
{1}-{5}	0	4	17.42875	5.645395	0.003875	5.97936	28.87814
{2}-{3}	1	2	5.83125	5.645395	0.308530	-5.61814	17.28064

{2}-{4}	1	3	7.80125	5.645395	0.175525	-3.64814	19.25064
{2}-{5}	1	4	11.97083	5.645395	0.040926	0.52144	23.42022
{3}-{4}	2	3	1.97000	5.645395	0.729154	-9.47939	13.41939
{3}-{5}	2	4	6.13958	5.645395	0.284027	-5.30981	17.58897
{4}-{5}	3	4	4.16958	5.645395	0.464949	-7.27981	15.61897

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Probabilities for Post Hoc Tests							
Effect: Concentration_New							
Cell No.	Concentration_New	{1} - 16.955	{2} - 15.678	{3} - 13.092	{4} - 10.308	{5} - 18.554	
1	0		0.861199	0.597686	0.365574	0.826769	
2	1	0.861199		0.723663	0.463943	0.694039	
3	2	0.597686	0.723663		0.703300	0.456408	
4	3	0.365574	0.463943	0.703300		0.263128	
5	4	0.826769	0.694039	0.456408	0.263128		

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	1.27750	7.254214	0.861199	-13.4347	15.98973
{1}-{3}	0	2	3.86250	7.254214	0.597686	-10.8497	18.57473

{1}-{4}	0	3	6.64750	7.254214	0.365574	-8.0647	21.35973
{1}-{5}	0	4	-1.59917	7.254214	0.826769	-16.3114	13.11306
{2}-{3}	1	2	2.58500	7.254214	0.723663	-12.1272	17.29723
{2}-{4}	1	3	5.37000	7.254214	0.463943	-9.3422	20.08223
{2}-{5}	1	4	-2.87667	7.254214	0.694039	-17.5889	11.83556
{3}-{4}	2	3	2.78500	7.254214	0.703300	-11.9272	17.49723
{3}-{5}	2	4	-5.46167	7.254214	0.456408	-20.1739	9.25056
{4}-{5}	3	4	-8.24667	7.254214	0.263128	-22.9589	6.46556

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 34.270	{2} - 32.280	{3} - 28.116	{4} - 23.914	{5} - 20.676
1	0		0.536295	0.061368	0.002508	0.000138
2	1	0.536295		0.199588	0.012634	0.000846
3	2	0.061368	0.199588		0.195705	0.025266
4	3	0.002508	0.012634	0.195705		0.316360
5	4	0.000138	0.000846	0.025266	0.316360	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Cell {#1}-{#2}							
{1}-{2}	0	1	1.99000	3.187004	0.536295	-4.47354	8.45354
{1}-{3}	0	2	6.15458	3.187004	0.061368	-0.30896	12.61813
{1}-{4}	0	3	10.35625	3.187004	0.002508	3.89271	16.81979
{1}-{5}	0	4	13.59458	3.187004	0.000138	7.13104	20.05813
{2}-{3}	1	2	4.16458	3.187004	0.199588	-2.29896	10.62813
{2}-{4}	1	3	8.36625	3.187004	0.012634	1.90271	14.82979
{2}-{5}	1	4	11.60458	3.187004	0.000846	5.14104	18.06813
{3}-{4}	2	3	4.20167	3.187004	0.195705	-2.26188	10.66521
{3}-{5}	2	4	7.44000	3.187004	0.025266	0.97646	13.90354
{4}-{5}	3	4	3.23833	3.187004	0.316360	-3.22521	9.70188

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 18.173	{2} - 17.560	{3} - 16.122	{4} - 13.305	{5} - 11.292
1	0		0.537296	0.044360	0.000018	0.000000
2	1	0.537296		0.152771	0.000117	0.000000
3	2	0.044360	0.152771		0.007007	0.000020
4	3	0.000018	0.000117	0.007007		0.048255
5	4	0.000000	0.000000	0.000020	0.048255	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)	
Simultaneous confidence intervals	

Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	0.613333	0.984688	0.537296	-1.38371	2.610374
{1}-{3}	0	2	2.051667	0.984688	0.044360	0.05463	4.048707
{1}-{4}	0	3	4.867917	0.984688	0.000018	2.87088	6.864957
{1}-{5}	0	4	6.881250	0.984688	0.000000	4.88421	8.878290
{2}-{3}	1	2	1.438333	0.984688	0.152771	-0.55871	3.435374
{2}-{4}	1	3	4.254583	0.984688	0.000117	2.25754	6.251624
{2}-{5}	1	4	6.267917	0.984688	0.000000	4.27088	8.264957
{3}-{4}	2	3	2.816250	0.984688	0.007007	0.81921	4.813290
{3}-{5}	2	4	4.829583	0.984688	0.000020	2.83254	6.826624
{4}-{5}	3	4	2.013333	0.984688	0.048255	0.01629	4.010374

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 46.377	{2} - 45.310	{3} - 43.055	{4} - 40.279	{5} - 38.741
1	0		0.562039	0.076775	0.001935	0.000173
2	1	0.562039		0.224190	0.009048	0.000943
3	2	0.076775	0.224190		0.136590	0.023468
4	3	0.001935	0.009048	0.136590		0.404413
5	4	0.000173	0.000943	0.023468	0.404413	



**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	1.067083	1.823337	0.562039	-2.63082	4.76498
{1}-{3}	0	2	3.322083	1.823337	0.076775	-0.37582	7.01998
{1}-{4}	0	3	6.098333	1.823337	0.001935	2.40043	9.79623
{1}-{5}	0	4	7.636667	1.823337	0.000173	3.93877	11.33457
{2}-{3}	1	2	2.255000	1.823337	0.224190	-1.44290	5.95290
{2}-{4}	1	3	5.031250	1.823337	0.009048	1.33335	8.72915
{2}-{5}	1	4	6.569583	1.823337	0.000943	2.87168	10.26748
{3}-{4}	2	3	2.776250	1.823337	0.136590	-0.92165	6.47415
{3}-{5}	2	4	4.314583	1.823337	0.023468	0.61668	8.01248
{4}-{5}	3	4	1.538333	1.823337	0.404413	-2.15957	5.23623

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 37.747	{2} - 37.955	{3} - 35.880	{4} - 39.190	{5} - 28.214
1	0		0.963337	0.680665	0.750379	0.041139
2	1	0.963337		0.647427	0.785424	0.037145
3	2	0.680665	0.647427		0.466800	0.097155

4	3	0.750379	0.785424	0.466800		0.019803
5	4	0.041139	0.037145	0.097155	0.019803	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	-0.20833	4.500903	0.963337	-9.3366	8.91992
{1}-{3}	0	2	1.86750	4.500903	0.680665	-7.2608	10.99575
{1}-{4}	0	3	-1.44292	4.500903	0.750379	-10.5712	7.68534
{1}-{5}	0	4	9.53333	4.500903	0.041139	0.4051	18.66159
{2}-{3}	1	2	2.07583	4.500903	0.647427	-7.0524	11.20409
{2}-{4}	1	3	-1.23458	4.500903	0.785424	-10.3628	7.89367
{2}-{5}	1	4	9.74167	4.500903	0.037145	0.6134	18.86992
{3}-{4}	2	3	-3.31042	4.500903	0.466800	-12.4387	5.81784
{3}-{5}	2	4	7.66583	4.500903	0.097155	-1.4624	16.79409
{4}-{5}	3	4	10.97625	4.500903	0.019803	1.8480	20.10450

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 8.1758	{2} - 6.9354	{3} - 5.8308	{4} - 5.7271	{5} - 5.5542

1	0		0.036706	0.000224	0.000131	0.000053
2	1	0.036706		0.061242	0.041545	0.020888
3	2	0.000224	0.061242		0.857009	0.631356
4	3	0.000131	0.041545	0.857009		0.764038
5	4	0.000053	0.020888	0.631356	0.764038	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	1.240417	0.571691	0.036706	0.08097	2.399860
{1}-{3}	0	2	2.345000	0.571691	0.000224	1.18556	3.504443
{1}-{4}	0	3	2.448750	0.571691	0.000131	1.28931	3.608193
{1}-{5}	0	4	2.621667	0.571691	0.000053	1.46222	3.781110
{2}-{3}	1	2	1.104583	0.571691	0.061242	-0.05486	2.264027
{2}-{4}	1	3	1.208333	0.571691	0.041545	0.04889	2.367777
{2}-{5}	1	4	1.381250	0.571691	0.020888	0.22181	2.540693
{3}-{4}	2	3	0.103750	0.571691	0.857009	-1.05569	1.263193
{3}-{5}	2	4	0.276667	0.571691	0.631356	-0.88278	1.436110
{4}-{5}	3	4	0.172917	0.571691	0.764038	-0.98653	1.332360

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)	
Probabilities for Post Hoc Tests	

Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 4.9283	{2} - 3.8525	{3} - 3.7792	{4} - 3.7467	{5} - 3.5650
1	0		0.327441	0.295999	0.282760	0.216457
2	1	0.327441		0.946421	0.922741	0.792286
3	2	0.295999	0.946421		0.976240	0.844443
4	3	0.282760	0.922741	0.976240		0.867802
5	4	0.216457	0.792286	0.844443	0.867802	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	1.075833	1.083650	0.327441	-1.12191	3.273578
{1}-{3}	0	2	1.149167	1.083650	0.295999	-1.04858	3.346912
{1}-{4}	0	3	1.181667	1.083650	0.282760	-1.01608	3.379412
{1}-{5}	0	4	1.363333	1.083650	0.216457	-0.83441	3.561078
{2}-{3}	1	2	0.073333	1.083650	0.946421	-2.12441	2.271078
{2}-{4}	1	3	0.105833	1.083650	0.922741	-2.09191	2.303578
{2}-{5}	1	4	0.287500	1.083650	0.792286	-1.91025	2.485245
{3}-{4}	2	3	0.032500	1.083650	0.976240	-2.16525	2.230245
{3}-{5}	2	4	0.214167	1.083650	0.844443	-1.98358	2.411912
{4}-{5}	3	4	0.181667	1.083650	0.867802	-2.01608	2.379412

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)						
Probabilities for Post Hoc Tests						
Effect: Concentration_New						
Cell No.	Concentration_New	{1} - 72.250	{2} - 70.383	{3} - 65.300	{4} - 61.404	{5} - 58.888
1	0		0.232754	0.000065	0.000000	0.000000
2	1	0.232754		0.002155	0.000001	0.000000
3	2	0.000065	0.002155		0.015804	0.000183
4	3	0.000000	0.000001	0.015804		0.110477
5	4	0.000000	0.000000	0.000183	0.110477	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	1.86667	1.537958	0.232754	-1.25246	4.98579
{1}-{3}	0	2	6.95000	1.537958	0.000065	3.83088	10.06912
{1}-{4}	0	3	10.84583	1.537958	0.000000	7.72671	13.96496
{1}-{5}	0	4	13.36250	1.537958	0.000000	10.24338	16.48162
{2}-{3}	1	2	5.08333	1.537958	0.002155	1.96421	8.20246
{2}-{4}	1	3	8.97917	1.537958	0.000001	5.86004	12.09829
{2}-{5}	1	4	11.49583	1.537958	0.000000	8.37671	14.61496
{3}-{4}	2	3	3.89583	1.537958	0.015804	0.77671	7.01496

{3}-{5}	2	4	6.41250	1.537958	0.000183	3.29338	9.53162
{4}-{5}	3	4	2.51667	1.537958	0.110477	-0.60246	5.63579

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 27.750	{2} - 29.617	{3} - 34.258	{4} - 38.596	{5} - 41.313
1	0		0.235891	0.000166	0.000000	0.000000
2	1	0.235891		0.004909	0.000001	0.000000
3	2	0.000166	0.004909		0.008143	0.000058
4	3	0.000000	0.000001	0.008143		0.087877
5	4	0.000000	0.000000	0.000058	0.087877	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	-1.8667	1.548514	0.235891	-5.0072	1.2739
{1}-{3}	0	2	-6.5083	1.548514	0.000166	-9.6489	-3.3678
{1}-{4}	0	3	-10.8458	1.548514	0.000000	-13.9864	-7.7053
{1}-{5}	0	4	-13.5625	1.548514	0.000000	-16.7030	-10.4220
{2}-{3}	1	2	-4.6417	1.548514	0.004909	-7.7822	-1.5011

{2}-{4}	1	3	-8.9792	1.548514	0.000001	-12.1197	-5.8386
{2}-{5}	1	4	-11.6958	1.548514	0.000000	-14.8364	-8.5553
{3}-{4}	2	3	-4.3375	1.548514	0.008143	-7.4780	-1.1970
{3}-{5}	2	4	-7.0542	1.548514	0.000058	-10.1947	-3.9136
{4}-{5}	3	4	-2.7167	1.548514	0.087877	-5.8572	0.4239

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Probabilities for Post Hoc Tests  
 Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 72.250	{2} - 70.383	{3} - 65.300	{4} - 61.404	{5} - 58.888
1	0		0.232754	0.000065	0.000000	0.000000
2	1	0.232754		0.002155	0.000001	0.000000
3	2	0.000065	0.002155		0.015804	0.000183
4	3	0.000000	0.000001	0.015804		0.110477
5	4	0.000000	0.000000	0.000183	0.110477	

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Simultaneous confidence intervals  
 Effect: Concentration\_New

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0	1	1.86667	1.537958	0.232754	-1.25246	4.98579
{1}-{3}	0	2	6.95000	1.537958	0.000065	3.83088	10.06912

{1}-{4}	0	3	10.84583	1.537958	0.000000	7.72671	13.96496
{1}-{5}	0	4	13.36250	1.537958	0.000000	10.24338	16.48162
{2}-{3}	1	2	5.08333	1.537958	0.002155	1.96421	8.20246
{2}-{4}	1	3	8.97917	1.537958	0.000001	5.86004	12.09829
{2}-{5}	1	4	11.49583	1.537958	0.000000	8.37671	14.61496
{3}-{4}	2	3	3.89583	1.537958	0.015804	0.77671	7.01496
{3}-{5}	2	4	6.41250	1.537958	0.000183	3.29338	9.53162
{4}-{5}	3	4	2.51667	1.537958	0.110477	-0.60246	5.63579

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 22.298	{2} - 22.058
1	No		0.967338
2	Yes	0.967338	

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	0.239500	5.688884	0.967338	-12.6296	13.10865



**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 71.623	{2} - 75.321
1	No		0.488591
2	Yes	0.488591	

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	-3.69767	5.120975	0.488591	-15.2821	7.886785

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 6.0725	{2} - 2.6210
1	No		0.043960
2	Yes	0.043960	

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	3.451500	1.474474	0.043960	0.116007	6.786993

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 9.3150	{2} - 4.6620
1	No		0.213884
2	Yes	0.213884	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	4.653000	3.478958	0.213884	-3.21695	12.52295

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 13.837	{2} - 9.5570
1	No		0.225293
2	Yes	0.225293	

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	4.279667	3.287318	0.225293	-3.15676	11.71610

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 54.549	{2} - 63.830
1	No		0.017535
2	Yes	0.017535	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	-9.28083	3.197971	0.017535	-16.5151	-2.04652

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 22.298	{2} - 22.258
1	No		0.994682
2	Yes	0.994682	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	0.039500	5.764592	0.994682	-13.0009	13.07991

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 2.4258	{2} - .75000
1	No		0.100634
2	Yes	0.100634	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	1.675833	0.916190	0.100634	-0.396733	3.748400

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 10.614	{2} - 5.8870
1	No		0.168729
2	Yes	0.168729	

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	4.727167	3.158700	0.168729	-2.41831	11.87264

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 64.491	{2} - 71.125
1	No		0.144889
2	Yes	0.144889	

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	-6.63417	4.155994	0.144889	-16.0357	2.767345

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 22.298	{2} - 22.058
1	No		0.967338
2	Yes	0.967338	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	0.239500	5.688884	0.967338	-12.6296	13.10865

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 405.43	{2} - 479.19
1	No		0.056495
2	Yes	0.056495	

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	-73.7630	33.72270	0.056495	-150.049	2.523042

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 453.00	{2} - 485.14
1	No		0.429126
2	Yes	0.429126	

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	-32.1327	38.81158	0.429126	-119.931	55.66523



**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 523.27	{2} - 489.76
1	No		0.560088
2	Yes	0.560088	

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	33.51117	55.38550	0.560088	-91.7795	158.8019

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 552.66	{2} - 513.65
1	No		0.452729
2	Yes	0.452729	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	39.00900	49.70528	0.452729	-73.4322	151.4502

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 85.669	{2} - 68.046
1	No		0.238203
2	Yes	0.238203	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	17.62317	13.94942	0.238203	-13.9326	49.17894

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 20.862	{2} - 8.9730
1	No		0.029153
2	Yes	0.029153	

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	11.88867	4.587968	0.029153	1.509962	22.26737

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 34.267	{2} - 21.436
1	No		0.083072
2	Yes	0.083072	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	12.83067	6.582492	0.083072	-2.05996	27.72130

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 17.985	{2} - 12.596
1	No		0.034138
2	Yes	0.034138	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	5.389000	2.159878	0.034138	0.503016	10.27498

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 46.213	{2} - 39.292
1	No		0.047625
2	Yes	0.047625	

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	6.921333	3.019886	0.047625	0.089877	13.75279

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 37.988	{2} - 33.606
1	No		0.410865
2	Yes	0.410865	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	4.382333	5.081643	0.410865	-7.11314	15.87781

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 6.9683	{2} - 5.9210
1	No		0.147172
2	Yes	0.147172	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No	Yes	1.047333	0.660309	0.147172	-0.446389	2.541055

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 4.9217	{2} - 3.0270
1	No		0.029057
2	Yes	0.029057	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	1.894667	0.730611	0.029057	0.241910	3.547423

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 72.550	{2} - 58.740
1	No		0.000000
2	Yes	0.000000	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	13.81000	0.996314	0.000000	11.55618	16.06382

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)			
Probabilities for Post Hoc Tests			
Effect: Obese (Y/N)			
Cell No.	Obese (Y/N)	{1} - 27.283	{2} - 41.330
1	No		0.000000
2	Yes	0.000000	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	-14.0467	0.979366	0.000000	-16.2621	-11.8312



**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 72.550	{2} - 58.740
1	No		0.000000
2	Yes	0.000000	

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	13.81000	0.996314	0.000000	11.55618	16.06382

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 20.767	{2} - 20.900	{3} - 23.224	{4} - 23.820
1	30		0.938778	0.162610	0.085726
2	60	0.938778		0.185691	0.099464
3	120	0.162610	0.185691		0.730478

4	180	0.085726	0.099464	0.730478	
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**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-0.13267	1.711286	0.938778	-3.64394	3.378603
{1}-{3}	30	120	-2.45667	1.711286	0.162610	-5.96794	1.054603
{1}-{4}	30	180	-3.05233	1.711286	0.085726	-6.56360	0.458936
{2}-{3}	60	120	-2.32400	1.711286	0.185691	-5.83527	1.187269
{2}-{4}	60	180	-2.91967	1.711286	0.099464	-6.43094	0.591603
{3}-{4}	120	180	-0.59567	1.711286	0.730478	-4.10694	2.915603

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 73.982	{2} - 73.866	{3} - 72.882	{4} - 73.158
1	30		0.934741	0.440157	0.562181
2	60	0.934741		0.489396	0.618211
3	120	0.440157	0.489396		0.845578
4	180	0.562181	0.618211	0.845578	

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.116000	1.403543	0.934741	-2.76383	2.995832
{1}-{3}	30	120	1.099667	1.403543	0.440157	-1.78017	3.979499
{1}-{4}	30	180	0.823667	1.403543	0.562181	-2.05617	3.703499
{2}-{3}	60	120	0.983667	1.403543	0.489396	-1.89617	3.863499
{2}-{4}	60	180	0.707667	1.403543	0.618211	-2.17217	3.587499
{3}-{4}	120	180	-0.276000	1.403543	0.845578	-3.15583	2.603832

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)					
Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 5.2447	{2} - 5.2343	{3} - 3.8933	{4} - 3.0147
1	30		0.990147	0.114725	0.012109
2	60	0.990147		0.117399	0.012469
3	120	0.114725	0.117399		0.298612
4	180	0.012109	0.012469	0.298612	

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)
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Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.010333	0.829065	0.990147	-1.69077	1.711433
{1}-{3}	30	120	1.351333	0.829065	0.114725	-0.34977	3.052433
{1}-{4}	30	180	2.230000	0.829065	0.012109	0.52890	3.931100
{2}-{3}	60	120	1.341000	0.829065	0.117399	-0.36010	3.042100
{2}-{4}	60	180	2.219667	0.829065	0.012469	0.51857	3.920767
{3}-{4}	120	180	0.878667	0.829065	0.298612	-0.82243	2.579767

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 8.4590	{2} - 7.6120	{3} - 6.6527	{4} - 5.2303
1	30		0.544040	0.201078	0.026787
2	60	0.544040		0.492390	0.095437
3	120	0.201078	0.492390		0.311285
4	180	0.026787	0.095437	0.311285	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)	
Simultaneous confidence intervals	
Effect: Time Point	

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.847000	1.378394	0.544040	-1.98123	3.675232
{1}-{3}	30	120	1.806333	1.378394	0.201078	-1.02190	4.634565
{1}-{4}	30	180	3.228667	1.378394	0.026787	0.40043	6.056898
{2}-{3}	60	120	0.959333	1.378394	0.492390	-1.86890	3.787565
{2}-{4}	60	180	2.381667	1.378394	0.095437	-0.44657	5.209898
{3}-{4}	120	180	1.422333	1.378394	0.311285	-1.40590	4.250565

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 13.558	{2} - 12.875	{3} - 11.123	{4} - 9.2310
1	30		0.633091	0.096720	0.004985
2	60	0.633091		0.226376	0.015826
3	120	0.096720	0.226376		0.192405
4	180	0.004985	0.015826	0.192405	

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Cell {#1}-{#2}							
{1}-{2}	30	60	0.683333	1.415193	0.633091	-2.22040	3.587070
{1}-{3}	30	120	2.435333	1.415193	0.096720	-0.46840	5.339070
{1}-{4}	30	180	4.327333	1.415193	0.004985	1.42360	7.231070
{2}-{3}	60	120	1.752000	1.415193	0.226376	-1.15174	4.655737
{2}-{4}	60	180	3.644000	1.415193	0.015826	0.74026	6.547737
{3}-{4}	120	180	1.892000	1.415193	0.192405	-1.01174	4.795737

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 57.220	{2} - 58.616	{3} - 59.001	{4} - 61.922
1	30		0.387355	0.272184	0.006339
2	60	0.387355		0.810367	0.047030
3	120	0.272184	0.810367		0.076958
4	180	0.006339	0.047030	0.076958	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-1.39600	1.588841	0.387355	-4.65603	1.86403

{1}-{3}	30	120	-1.78100	1.588841	0.272184	-5.04103	1.47903
{1}-{4}	30	180	-4.70267	1.588841	0.006339	-7.96270	-1.44263
{2}-{3}	60	120	-0.38500	1.588841	0.810367	-3.64503	2.87503
{2}-{4}	60	180	-3.30667	1.588841	0.047030	-6.56670	-0.04663
{3}-{4}	120	180	-2.92167	1.588841	0.076958	-6.18170	0.33837

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 20.767	{2} - 20.900	{3} - 23.624	{4} - 23.820
1	30		0.939800	0.112317	0.090809
2	60	0.939800		0.129193	0.104969
3	120	0.112317	0.129193		0.911317
4	180	0.090809	0.104969	0.911317	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-0.13267	1.740401	0.939800	-3.70367	3.438341
{1}-{3}	30	120	-2.85667	1.740401	0.112317	-6.42767	0.714341
{1}-{4}	30	180	-3.05233	1.740401	0.090809	-6.62334	0.518674

{2}-{3}	60	120	-2.72400	1.740401	0.129193	-6.29501	0.847007
{2}-{4}	60	180	-2.91967	1.740401	0.104969	-6.49067	0.651341
{3}-{4}	120	180	-0.19567	1.740401	0.911317	-3.76667	3.375341

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 1.8367	{2} - 1.8330	{3} - 1.5300	{4} - 1.1520
1	30		0.993193	0.477613	0.119502
2	60	0.993193		0.482845	0.121407
3	120	0.477613	0.482845		0.382553
4	180	0.119502	0.121407	0.382553	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.003667	0.425830	0.993193	-0.870064	0.877397
{1}-{3}	30	120	0.306667	0.425830	0.477613	-0.567064	1.180397
{1}-{4}	30	180	0.684667	0.425830	0.119502	-0.189064	1.558397
{2}-{3}	60	120	0.303000	0.425830	0.482845	-0.570730	1.176730
{2}-{4}	60	180	0.681000	0.425830	0.121407	-0.192730	1.554730



{3}-{4}	120	180	0.378000	0.425830	0.382553	-0.495730	1.251730
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**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 10.198	{2} - 9.2197	{3} - 7.4810	{4} - 6.1033
1	30		0.491582	0.063392	0.007024
2	60	0.491582		0.226088	0.034978
3	120	0.063392	0.226088		0.335024
4	180	0.007024	0.034978	0.335024	

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.978667	1.403528	0.491582	-1.90113	3.858467
{1}-{3}	30	120	2.717333	1.403528	0.063392	-0.16247	5.597134
{1}-{4}	30	180	4.095000	1.403528	0.007024	1.21520	6.974801
{2}-{3}	60	120	1.738667	1.403528	0.226088	-1.14113	4.618467
{2}-{4}	60	180	3.116333	1.403528	0.034978	0.23653	5.996134
{3}-{4}	120	180	1.377667	1.403528	0.335024	-1.50213	4.257467

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 66.894	{2} - 67.869	{3} - 67.765	{4} - 68.704
1	30		0.485693	0.532911	0.200338
2	60	0.485693		0.940601	0.549707
3	120	0.532911	0.940601		0.501664
4	180	0.200338	0.549707	0.501664	

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-0.97433	1.378344	0.485693	-3.80246	1.853795
{1}-{3}	30	120	-0.87067	1.378344	0.532911	-3.69879	1.957461
{1}-{4}	30	180	-1.80933	1.378344	0.200338	-4.63746	1.018795
{2}-{3}	60	120	0.10367	1.378344	0.940601	-2.72446	2.931795
{2}-{4}	60	180	-0.83500	1.378344	0.549707	-3.66313	1.993128
{3}-{4}	120	180	-0.93867	1.378344	0.501664	-3.76679	1.889461

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 20.767	{2} - 20.900	{3} - 23.224	{4} - 23.820
1	30		0.938778	0.162610	0.085726
2	60	0.938778		0.185691	0.099464
3	120	0.162610	0.185691		0.730478
4	180	0.085726	0.099464	0.730478	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-0.13267	1.711286	0.938778	-3.64394	3.378603
{1}-{3}	30	120	-2.45667	1.711286	0.162610	-5.96794	1.054603
{1}-{4}	30	180	-3.05233	1.711286	0.085726	-6.56360	0.458936
{2}-{3}	60	120	-2.32400	1.711286	0.185691	-5.83527	1.187269
{2}-{4}	60	180	-2.91967	1.711286	0.099464	-6.43094	0.591603
{3}-{4}	120	180	-0.59567	1.711286	0.730478	-4.10694	2.915603

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)	
Probabilities for Post Hoc Tests	
Effect: Time Point	

Cell No.	Time Point	{1} - 450.38	{2} - 434.11	{3} - 436.38	{4} - 448.37
1	30		0.288327	0.359674	0.894203
2	60	0.288327		0.880873	0.351094
3	120	0.359674	0.880873		0.432061
4	180	0.894203	0.351094	0.432061	

### LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	16.2710	15.02213	0.288327	-14.5519	47.09387
{1}-{3}	30	120	13.9983	15.02213	0.359674	-16.8245	44.82120
{1}-{4}	30	180	2.0167	15.02213	0.894203	-28.8062	32.83954
{2}-{3}	60	120	-2.2727	15.02213	0.880873	-33.0955	28.55020
{2}-{4}	60	180	-14.2543	15.02213	0.351094	-45.0772	16.56854
{3}-{4}	120	180	-11.9817	15.02213	0.432061	-42.8045	18.84120

### LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)					
Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 481.12	{2} - 466.63	{3} - 465.94	{4} - 462.59

1	30		0.199479	0.179638	0.104253
2	60	0.199479		0.950757	0.717254
3	120	0.179638	0.950757		0.763747
4	180	0.104253	0.717254	0.763747	

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	14.49633	11.02153	0.199479	-8.1180	37.11065
{1}-{3}	30	120	15.18333	11.02153	0.179638	-7.4310	37.79765
{1}-{4}	30	180	18.52967	11.02153	0.104253	-4.0847	41.14399
{2}-{3}	60	120	0.68700	11.02153	0.950757	-21.9273	23.30132
{2}-{4}	60	180	4.03333	11.02153	0.717254	-18.5810	26.64765
{3}-{4}	120	180	3.34633	11.02153	0.763747	-19.2680	25.96065

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)					
Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 549.18	{2} - 509.77	{3} - 502.24	{4} - 464.88
1	30		0.228089	0.153394	0.013660
2	60	0.228089		0.815468	0.171417

3	120	0.153394	0.815468		0.252482
4	180	0.013660	0.171417	0.252482	

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	39.40633	31.95164	0.228089	-26.1530	104.9657
{1}-{3}	30	120	46.93633	31.95164	0.153394	-18.6230	112.4957
{1}-{4}	30	180	84.29900	31.95164	0.013660	18.7396	149.8584
{2}-{3}	60	120	7.53000	31.95164	0.815468	-58.0294	73.0894
{2}-{4}	60	180	44.89267	31.95164	0.171417	-20.6667	110.4520
{3}-{4}	120	180	37.36267	31.95164	0.252482	-28.1967	102.9220

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 597.84	{2} - 599.34	{3} - 509.80	{4} - 425.65
1	30		0.973538	0.059934	0.000674
2	60	0.973538		0.055970	0.000617
3	120	0.059934	0.055970		0.071381
4	180	0.000674	0.000617	0.071381	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-1.5010	44.83206	0.973538	-93.4888	90.4868
{1}-{3}	30	120	88.0387	44.83206	0.059934	-3.9491	180.0265
{1}-{4}	30	180	172.1830	44.83206	0.000674	80.1952	264.1708
{2}-{3}	60	120	89.5397	44.83206	0.055970	-2.4481	181.5275
{2}-{4}	60	180	173.6840	44.83206	0.000617	81.6962	265.6718
{3}-{4}	120	180	84.1443	44.83206	0.071381	-7.8435	176.1321

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 84.020	{2} - 81.016	{3} - 75.229	{4} - 67.165
1	30		0.577290	0.110307	0.003813
2	60	0.577290		0.286686	0.014879
3	120	0.110307	0.286686		0.141479
4	180	0.003813	0.014879	0.141479	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	3.00367	5.323969	0.577290	-7.92021	13.92755
{1}-{3}	30	120	8.79033	5.323969	0.110307	-2.13355	19.71421
{1}-{4}	30	180	16.85433	5.323969	0.003813	5.93045	27.77821
{2}-{3}	60	120	5.78667	5.323969	0.286686	-5.13721	16.71055
{2}-{4}	60	180	13.85067	5.323969	0.014879	2.92679	24.77455
{3}-{4}	120	180	8.06400	5.323969	0.141479	-2.85988	18.98788

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)					
Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 23.417	{2} - 14.570	{3} - 11.984	{4} - 9.6990
1	30		0.160922	0.073373	0.033865
2	60	0.160922		0.676767	0.434272
3	120	0.073373	0.676767		0.712585
4	180	0.033865	0.434272	0.712585	

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)
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Simultaneous confidence intervals							
Effect: Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	8.84667	6.136825	0.160922	-3.7451	21.43839
{1}-{3}	30	120	11.43300	6.136825	0.073373	-1.1587	24.02472
{1}-{4}	30	180	13.71767	6.136825	0.033865	1.1259	26.30939
{2}-{3}	60	120	2.58633	6.136825	0.676767	-10.0054	15.17806
{2}-{4}	60	180	4.87100	6.136825	0.434272	-7.7207	17.46272
{3}-{4}	120	180	2.28467	6.136825	0.712585	-10.3071	14.87639

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 32.560	{2} - 30.799	{3} - 26.182	{4} - 21.864
1	30		0.535732	0.031283	0.000731
2	60	0.535732		0.111675	0.003660
3	120	0.031283	0.111675		0.135779
4	180	0.000731	0.003660	0.135779	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)	
Simultaneous confidence intervals	
Effect: Time Point	

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	1.76133	2.807801	0.535732	-3.99980	7.52247
{1}-{3}	30	120	6.37867	2.807801	0.031283	0.61753	12.13980
{1}-{4}	30	180	10.69600	2.807801	0.000731	4.93487	16.45713
{2}-{3}	60	120	4.61733	2.807801	0.111675	-1.14380	10.37847
{2}-{4}	60	180	8.93467	2.807801	0.003660	3.17353	14.69580
{3}-{4}	120	180	4.31733	2.807801	0.135779	-1.44380	10.07847

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 17.124	{2} - 16.753	{3} - 14.571	{4} - 12.714
1	30		0.775690	0.057557	0.001968
2	60	0.775690		0.101433	0.004071
3	120	0.057557	0.101433		0.160325
4	180	0.001968	0.004071	0.160325	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Cell {#1}-{#2}							
{1}-{2}	30	60	0.370333	1.286732	0.775690	-2.26982	3.010489
{1}-{3}	30	120	2.552333	1.286732	0.057557	-0.08782	5.192489
{1}-{4}	30	180	4.410000	1.286732	0.001968	1.76984	7.050156
{2}-{3}	60	120	2.182000	1.286732	0.101433	-0.45816	4.822156
{2}-{4}	60	180	4.039667	1.286732	0.004071	1.39951	6.679823
{3}-{4}	120	180	1.857667	1.286732	0.160325	-0.78249	4.497823

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 45.191	{2} - 44.269	{3} - 41.823	{4} - 39.728
1	30		0.619123	0.077388	0.006068
2	60	0.619123		0.193622	0.019902
3	120	0.077388	0.193622		0.263618
4	180	0.006068	0.019902	0.263618	

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.922667	1.834748	0.619123	-2.84193	4.687259

{1}-{3}	30	120	3.368667	1.834748	0.077388	-0.39593	7.133259
{1}-{4}	30	180	5.463333	1.834748	0.006068	1.69874	9.227926
{2}-{3}	60	120	2.446000	1.834748	0.193622	-1.31859	6.210593
{2}-{4}	60	180	4.540667	1.834748	0.019902	0.77607	8.305259
{3}-{4}	120	180	2.094667	1.834748	0.263618	-1.66993	5.859259

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 37.188	{2} - 42.139	{3} - 33.539	{4} - 30.323
1	30		0.229336	0.372776	0.099639
2	60	0.229336		0.041876	0.006732
3	120	0.372776	0.041876		0.431342
4	180	0.099639	0.006732	0.431342	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-4.95133	4.025730	0.229336	-13.2114	3.30878
{1}-{3}	30	120	3.64867	4.025730	0.372776	-4.6114	11.90878
{1}-{4}	30	180	6.86467	4.025730	0.099639	-1.3954	15.12478

{2}-{3}	60	120	8.60000	4.025730	0.041876	0.3399	16.86012
{2}-{4}	60	180	11.81600	4.025730	0.006732	3.5559	20.07612
{3}-{4}	120	180	3.21600	4.025730	0.431342	-5.0441	11.47612

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 6.8943	{2} - 6.8733	{3} - 6.0123	{4} - 5.9987
1	30		0.967543	0.095978	0.091193
2	60	0.967543		0.103744	0.098632
3	120	0.095978	0.103744		0.978874
4	180	0.091193	0.098632	0.978874	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.021000	0.511336	0.967543	-1.02817	1.070175
{1}-{3}	30	120	0.882000	0.511336	0.095978	-0.16717	1.931175
{1}-{4}	30	180	0.895667	0.511336	0.091193	-0.15351	1.944842
{2}-{3}	60	120	0.861000	0.511336	0.103744	-0.18817	1.910175
{2}-{4}	60	180	0.874667	0.511336	0.098632	-0.17451	1.923842

{3}-{4}	120	180	0.013667	0.511336	0.978874	-1.03551	1.062842
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**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 5.2380	{2} - 3.8987	{3} - 3.8633	{4} - 2.8973
1	30		0.205861	0.194501	0.031723
2	60	0.205861		0.972972	0.341087
3	120	0.194501	0.972972		0.358115
4	180	0.031723	0.341087	0.358115	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	1.339333	1.033240	0.205861	-0.78070	3.459366
{1}-{3}	30	120	1.374667	1.033240	0.194501	-0.74537	3.494699
{1}-{4}	30	180	2.340667	1.033240	0.031723	0.22063	4.460699
{2}-{3}	60	120	0.035333	1.033240	0.972972	-2.08470	2.155366
{2}-{4}	60	180	1.001333	1.033240	0.341087	-1.11870	3.121366
{3}-{4}	120	180	0.966000	1.033240	0.358115	-1.15403	3.086033

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 73.103	{2} - 67.947	{3} - 61.893	{4} - 59.637
1	30		0.001081	0.000000	0.000000
2	60	0.001081		0.000201	0.000003
3	120	0.000000	0.000201		0.120879
4	180	0.000000	0.000003	0.120879	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	5.15667	1.409001	0.001081	2.26564	8.04770
{1}-{3}	30	120	11.21000	1.409001	0.000000	8.31897	14.10103
{1}-{4}	30	180	13.46667	1.409001	0.000000	10.57564	16.35770
{2}-{3}	60	120	6.05333	1.409001	0.000201	3.16230	8.94436
{2}-{4}	60	180	8.31000	1.409001	0.000003	5.41897	11.20103
{3}-{4}	120	180	2.25667	1.409001	0.120879	-0.63436	5.14770

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 26.690	{2} - 32.233	{3} - 37.940	{4} - 40.363
1	30		0.000440	0.000000	0.000000
2	60	0.000440		0.000322	0.000003
3	120	0.000000	0.000322		0.091537
4	180	0.000000	0.000003	0.091537	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-5.5433	1.385033	0.000440	-8.3852	-2.7015
{1}-{3}	30	120	-11.2500	1.385033	0.000000	-14.0919	-8.4081
{1}-{4}	30	180	-13.6733	1.385033	0.000000	-16.5152	-10.8315
{2}-{3}	60	120	-5.7067	1.385033	0.000322	-8.5485	-2.8648
{2}-{4}	60	180	-8.1300	1.385033	0.000003	-10.9719	-5.2881
{3}-{4}	120	180	-2.4233	1.385033	0.091537	-5.2652	0.4185

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)	
Probabilities for Post Hoc Tests	
Effect: Time Point	





1	0	No		0.786961	0.178590	0.638910	0.101313	0.369603	0.099967	0.744942	0.061430	0.656907
2	0	Yes	0.786961		0.790598	0.643884	0.699302	0.148561	0.697307	0.898180	0.628942	0.686092
3	1	No	0.178590	0.790598		0.947290	0.758599	0.714433	0.753385	0.833325	0.579767	0.927291
4	1	Yes	0.638910	0.643884	0.947290		0.851607	0.319192	0.849489	0.737828	0.776183	0.953477
5	2	No	0.101313	0.699302	0.758599	0.851607		0.806343	0.994517	0.740455	0.804685	0.831955
6	2	Yes	0.369603	0.148561	0.714433	0.319192	0.806343		0.808435	0.186264	0.882434	0.292256
7	3	No	0.099967	0.697307	0.753385	0.849489	0.994517	0.808435		0.738418	0.810001	0.829848
8	3	Yes	0.744942	0.898180	0.833325	0.737828	0.740455	0.186264	0.738418		0.668435	0.782161
9	4	No	0.061430	0.628942	0.579767	0.776183	0.804685	0.882434	0.810001	0.668435		0.757020
10	4	Yes	0.656907	0.686092	0.927291	0.953477	0.831955	0.292256	0.829848	0.782161	0.757020	

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-1.66667	6.121122	0.786961	-14.0809	10.74755
{1}-{3}	0*No	1*No	-3.30417	2.408495	0.178590	-8.1888	1.58049
{1}-{4}	0*No	1*Yes	-2.89667	6.121122	0.638910	-15.3109	9.51755
{1}-{5}	0*No	2*No	-4.05000	2.408495	0.101313	-8.9347	0.83465
{1}-{6}	0*No	2*Yes	-5.56167	6.121122	0.369603	-17.9759	6.85255
{1}-{7}	0*No	3*No	-4.06667	2.408495	0.099967	-8.9513	0.81799
{1}-{8}	0*No	3*Yes	-2.00667	6.121122	0.744942	-14.4209	10.40755
{1}-{9}	0*No	4*No	-4.65000	2.408495	0.061430	-9.5347	0.23465

{1}-{10}	0*No	4*Yes	-2.74167	6.121122	0.656907	-15.1559	9.67255
{2}-{3}	0*Yes	1*No	-1.63750	6.121122	0.790598	-14.0517	10.77671
{2}-{4}	0*Yes	1*Yes	-1.23000	2.638374	0.643884	-6.5809	4.12087
{2}-{5}	0*Yes	2*No	-2.38333	6.121122	0.699302	-14.7975	10.03088
{2}-{6}	0*Yes	2*Yes	-3.89500	2.638374	0.148561	-9.2459	1.45587
{2}-{7}	0*Yes	3*No	-2.40000	6.121122	0.697307	-14.8142	10.01421
{2}-{8}	0*Yes	3*Yes	-0.34000	2.638374	0.898180	-5.6909	5.01087
{2}-{9}	0*Yes	4*No	-2.98333	6.121122	0.628942	-15.3975	9.43088
{2}-{10}	0*Yes	4*Yes	-1.07500	2.638374	0.686092	-6.4259	4.27587
{3}-{4}	1*No	1*Yes	0.40750	6.121122	0.947290	-12.0067	12.82171
{3}-{5}	1*No	2*No	-0.74583	2.408495	0.758599	-5.6305	4.13882
{3}-{6}	1*No	2*Yes	-2.25750	6.121122	0.714433	-14.6717	10.15671
{3}-{7}	1*No	3*No	-0.76250	2.408495	0.753385	-5.6472	4.12215
{3}-{8}	1*No	3*Yes	1.29750	6.121122	0.833325	-11.1167	13.71171
{3}-{9}	1*No	4*No	-1.34583	2.408495	0.579767	-6.2305	3.53882
{3}-{10}	1*No	4*Yes	0.56250	6.121122	0.927291	-11.8517	12.97671
{4}-{5}	1*Yes	2*No	-1.15333	6.121122	0.851607	-13.5675	11.26088
{4}-{6}	1*Yes	2*Yes	-2.66500	2.638374	0.319192	-8.0159	2.68587
{4}-{7}	1*Yes	3*No	-1.17000	6.121122	0.849489	-13.5842	11.24421
{4}-{8}	1*Yes	3*Yes	0.89000	2.638374	0.737828	-4.4609	6.24087
{4}-{9}	1*Yes	4*No	-1.75333	6.121122	0.776183	-14.1675	10.66088
{4}-{10}	1*Yes	4*Yes	0.15500	2.638374	0.953477	-5.1959	5.50587
{5}-{6}	2*No	2*Yes	-1.51167	6.121122	0.806343	-13.9259	10.90255
{5}-{7}	2*No	3*No	-0.01667	2.408495	0.994517	-4.9013	4.86799
{5}-{8}	2*No	3*Yes	2.04333	6.121122	0.740455	-10.3709	14.45755
{5}-{9}	2*No	4*No	-0.60000	2.408495	0.804685	-5.4847	4.28465

{5}-{10}	2*No	4*Yes	1.30833	6.121122	0.831955	-11.1059	13.72255
{6}-{7}	2*Yes	3*No	1.49500	6.121122	0.808435	-10.9192	13.90921
{6}-{8}	2*Yes	3*Yes	3.55500	2.638374	0.186264	-1.7959	8.90587
{6}-{9}	2*Yes	4*No	0.91167	6.121122	0.882434	-11.5025	13.32588
{6}-{10}	2*Yes	4*Yes	2.82000	2.638374	0.292256	-2.5309	8.17087
{7}-{8}	3*No	3*Yes	2.06000	6.121122	0.738418	-10.3542	14.47421
{7}-{9}	3*No	4*No	-0.58333	2.408495	0.810001	-5.4680	4.30132
{7}-{10}	3*No	4*Yes	1.32500	6.121122	0.829848	-11.0892	13.73921
{8}-{9}	3*Yes	4*No	-2.64333	6.121122	0.668435	-15.0575	9.77088
{8}-{10}	3*Yes	4*Yes	-0.73500	2.638374	0.782161	-6.0859	4.61587
{9}-{10}	4*No	4*Yes	1.90833	6.121122	0.757020	-10.5059	14.32255

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 72.483	{2} - 75.935	{3} - 70.554	{4} - 74.700	{5} - 71.021	{6} - 72.715	{7} - 71.492	{8} - 77.110	{9} - 72.567	{10} - 76.145
1	0	No		0.531520	0.348124	0.687340	0.475759	0.966411	0.628041	0.402672	0.967471	0.506993
2	0	Yes	0.531520		0.331250	0.581954	0.374377	0.156137	0.421395	0.600354	0.541424	0.925263
3	1	No	0.348124	0.331250		0.452887	0.819424	0.694798	0.646879	0.237992	0.327959	0.312979
4	1	Yes	0.687340	0.581954	0.452887		0.504978	0.377825	0.560705	0.285522	0.698483	0.519808
5	2	No	0.475759	0.374377	0.819424	0.504978		0.758276	0.817841	0.272431	0.451173	0.354539
6	2	Yes	0.966411	0.156137	0.694798	0.377825	0.758276		0.824089	0.055734	0.978490	0.131589
7	3	No	0.628041	0.421395	0.646879	0.560705	0.817841	0.824089		0.310639	0.599550	0.399993
8	3	Yes	0.402672	0.600354	0.237992	0.285522	0.272431	0.055734	0.310639		0.411117	0.666810

9	4	No	0.967471	0.541424	0.327959	0.698483	0.451173	0.978490	0.599550	0.411117		0.516651
10	4	Yes	0.506993	0.925263	0.312979	0.519808	0.354539	0.131589	0.399993	0.666810	0.516651	

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-3.45167	5.463367	0.531520	-14.5319	7.62856
{1}-{3}	0*No	1*No	1.92917	2.029327	0.348124	-2.1865	6.04483
{1}-{4}	0*No	1*Yes	-2.21667	5.463367	0.687340	-13.2969	8.86356
{1}-{5}	0*No	2*No	1.46250	2.029327	0.475759	-2.6532	5.57817
{1}-{6}	0*No	2*Yes	-0.23167	5.463367	0.966411	-11.3119	10.84856
{1}-{7}	0*No	3*No	0.99167	2.029327	0.628041	-3.1240	5.10733
{1}-{8}	0*No	3*Yes	-4.62667	5.463367	0.402672	-15.7069	6.45356
{1}-{9}	0*No	4*No	-0.08333	2.029327	0.967471	-4.1990	4.03233
{1}-{10}	0*No	4*Yes	-3.66167	5.463367	0.506993	-14.7419	7.41856
{2}-{3}	0*Yes	1*No	5.38083	5.463367	0.331250	-5.6994	16.46106
{2}-{4}	0*Yes	1*Yes	1.23500	2.223017	0.581954	-3.2735	5.74349
{2}-{5}	0*Yes	2*No	4.91417	5.463367	0.374377	-6.1661	15.99439
{2}-{6}	0*Yes	2*Yes	3.22000	2.223017	0.156137	-1.2885	7.72849
{2}-{7}	0*Yes	3*No	4.44333	5.463367	0.421395	-6.6369	15.52356
{2}-{8}	0*Yes	3*Yes	-1.17500	2.223017	0.600354	-5.6835	3.33349
{2}-{9}	0*Yes	4*No	3.36833	5.463367	0.541424	-7.7119	14.44856

{2}-{10}	0*Yes	4*Yes	-0.21000	2.223017	0.925263	-4.7185	4.29849
{3}-{4}	1*No	1*Yes	-4.14583	5.463367	0.452887	-15.2261	6.93439
{3}-{5}	1*No	2*No	-0.46667	2.029327	0.819424	-4.5823	3.64900
{3}-{6}	1*No	2*Yes	-2.16083	5.463367	0.694798	-13.2411	8.91939
{3}-{7}	1*No	3*No	-0.93750	2.029327	0.646879	-5.0532	3.17817
{3}-{8}	1*No	3*Yes	-6.55583	5.463367	0.237992	-17.6361	4.52439
{3}-{9}	1*No	4*No	-2.01250	2.029327	0.327959	-6.1282	2.10317
{3}-{10}	1*No	4*Yes	-5.59083	5.463367	0.312979	-16.6711	5.48939
{4}-{5}	1*Yes	2*No	3.67917	5.463367	0.504978	-7.4011	14.75939
{4}-{6}	1*Yes	2*Yes	1.98500	2.223017	0.377825	-2.5235	6.49349
{4}-{7}	1*Yes	3*No	3.20833	5.463367	0.560705	-7.8719	14.28856
{4}-{8}	1*Yes	3*Yes	-2.41000	2.223017	0.285522	-6.9185	2.09849
{4}-{9}	1*Yes	4*No	2.13333	5.463367	0.698483	-8.9469	13.21356
{4}-{10}	1*Yes	4*Yes	-1.44500	2.223017	0.519808	-5.9535	3.06349
{5}-{6}	2*No	2*Yes	-1.69417	5.463367	0.758276	-12.7744	9.38606
{5}-{7}	2*No	3*No	-0.47083	2.029327	0.817841	-4.5865	3.64483
{5}-{8}	2*No	3*Yes	-6.08917	5.463367	0.272431	-17.1694	4.99106
{5}-{9}	2*No	4*No	-1.54583	2.029327	0.451173	-5.6615	2.56983
{5}-{10}	2*No	4*Yes	-5.12417	5.463367	0.354539	-16.2044	5.95606
{6}-{7}	2*Yes	3*No	1.22333	5.463367	0.824089	-9.8569	12.30356
{6}-{8}	2*Yes	3*Yes	-4.39500	2.223017	0.055734	-8.9035	0.11349
{6}-{9}	2*Yes	4*No	0.14833	5.463367	0.978490	-10.9319	11.22856
{6}-{10}	2*Yes	4*Yes	-3.43000	2.223017	0.131589	-7.9385	1.07849
{7}-{8}	3*No	3*Yes	-5.61833	5.463367	0.310639	-16.6986	5.46189
{7}-{9}	3*No	4*No	-1.07500	2.029327	0.599550	-5.1907	3.04067
{7}-{10}	3*No	4*Yes	-4.65333	5.463367	0.399993	-15.7336	6.42689



Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	5.11833	1.804326	0.007438	1.45899	8.77768
{1}-{3}	0*No	1*No	1.39583	1.108601	0.216100	-0.85251	3.64418
{1}-{4}	0*No	1*Yes	5.11333	1.804326	0.007491	1.45399	8.77268
{1}-{5}	0*No	2*No	2.59583	1.108601	0.024857	0.34749	4.84418
{1}-{6}	0*No	2*Yes	5.80333	1.804326	0.002744	2.14399	9.46268
{1}-{7}	0*No	3*No	3.08333	1.108601	0.008562	0.83499	5.33168
{1}-{8}	0*No	3*Yes	6.62333	1.804326	0.000778	2.96399	10.28268
{1}-{9}	0*No	4*No	4.72917	1.108601	0.000138	2.48082	6.97751
{1}-{10}	0*No	4*Yes	6.40333	1.804326	0.001098	2.74399	10.06268
{2}-{3}	0*Yes	1*No	-3.72250	1.804326	0.046372	-7.38184	-0.06316
{2}-{4}	0*Yes	1*Yes	-0.00500	1.214412	0.996738	-2.46794	2.45794
{2}-{5}	0*Yes	2*No	-2.52250	1.804326	0.170659	-6.18184	1.13684
{2}-{6}	0*Yes	2*Yes	0.68500	1.214412	0.576211	-1.77794	3.14794
{2}-{7}	0*Yes	3*No	-2.03500	1.804326	0.266846	-5.69434	1.62434
{2}-{8}	0*Yes	3*Yes	1.50500	1.214412	0.223260	-0.95794	3.96794
{2}-{9}	0*Yes	4*No	-0.38917	1.804326	0.830450	-4.04851	3.27018
{2}-{10}	0*Yes	4*Yes	1.28500	1.214412	0.297047	-1.17794	3.74794
{3}-{4}	1*No	1*Yes	3.71750	1.804326	0.046651	0.05816	7.37684
{3}-{5}	1*No	2*No	1.20000	1.108601	0.286252	-1.04835	3.44835
{3}-{6}	1*No	2*Yes	4.40750	1.804326	0.019614	0.74816	8.06684
{3}-{7}	1*No	3*No	1.68750	1.108601	0.136698	-0.56085	3.93585
{3}-{8}	1*No	3*Yes	5.22750	1.804326	0.006370	1.56816	8.88684
{3}-{9}	1*No	4*No	3.33333	1.108601	0.004791	1.08499	5.58168
{3}-{10}	1*No	4*Yes	5.00750	1.804326	0.008693	1.34816	8.66684
{4}-{5}	1*Yes	2*No	-2.51750	1.804326	0.171486	-6.17684	1.14184



{4}-{6}	1*Yes	2*Yes	0.69000	1.214412	0.573443	-1.77294	3.15294
{4}-{7}	1*Yes	3*No	-2.03000	1.804326	0.268003	-5.68934	1.62934
{4}-{8}	1*Yes	3*Yes	1.51000	1.214412	0.221757	-0.95294	3.97294
{4}-{9}	1*Yes	4*No	-0.38417	1.804326	0.832595	-4.04351	3.27518
{4}-{10}	1*Yes	4*Yes	1.29000	1.214412	0.295200	-1.17294	3.75294
{5}-{6}	2*No	2*Yes	3.20750	1.804326	0.083907	-0.45184	6.86684
{5}-{7}	2*No	3*No	0.48750	1.108601	0.662752	-1.76085	2.73585
{5}-{8}	2*No	3*Yes	4.02750	1.804326	0.031919	0.36816	7.68684
{5}-{9}	2*No	4*No	2.13333	1.108601	0.062244	-0.11501	4.38168
{5}-{10}	2*No	4*Yes	3.80750	1.804326	0.041856	0.14816	7.46684
{6}-{7}	2*Yes	3*No	-2.72000	1.804326	0.140412	-6.37934	0.93934
{6}-{8}	2*Yes	3*Yes	0.82000	1.214412	0.503848	-1.64294	3.28294
{6}-{9}	2*Yes	4*No	-1.07417	1.804326	0.555348	-4.73351	2.58518
{6}-{10}	2*Yes	4*Yes	0.60000	1.214412	0.624261	-1.86294	3.06294
{7}-{8}	3*No	3*Yes	3.54000	1.804326	0.057535	-0.11934	7.19934
{7}-{9}	3*No	4*No	1.64583	1.108601	0.146353	-0.60251	3.89418
{7}-{10}	3*No	4*Yes	3.32000	1.804326	0.074021	-0.33934	6.97934
{8}-{9}	3*Yes	4*No	-1.89417	1.804326	0.300810	-5.55351	1.76518
{8}-{10}	3*Yes	4*Yes	-0.22000	1.214412	0.857260	-2.68294	2.24294
{9}-{10}	4*No	4*Yes	1.67417	1.804326	0.359658	-1.98518	5.33351

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)											
Probabilities for Post Hoc Tests											
Effect: Concentration_New*Obese (Y/N)											
Concentration_New	Obese (Y/N)	{1} - 14.317	{2} - 4.7600	{3} - 11.167	{4} - 4.2450	{5} - 9.1542	{6} - 3.7350	{7} - 6.9750	{8} - 5.2750	{9} - 4.9625	{10} - 5.2950

Cell No.												
1	0	No		0.022787	0.149946	0.016823	0.021138	0.012358	0.001535	0.030604	0.000101	0.030951
2	0	Yes	0.022787		0.119497	0.827453	0.281290	0.664729	0.584779	0.827453	0.960076	0.820869
3	1	No	0.149946	0.119497		0.093467	0.353541	0.072540	0.058063	0.151163	0.006365	0.152516
4	1	Yes	0.016823	0.827453	0.093467		0.229634	0.829102	0.501117	0.663198	0.859247	0.657089
5	2	No	0.021138	0.281290	0.353541	0.229634		0.185763	0.315602	0.340666	0.058063	0.343130
6	2	Yes	0.012358	0.664729	0.072540	0.829102	0.185763		0.425231	0.515645	0.761698	0.510239
7	3	No	0.001535	0.584779	0.058063	0.501117	0.315602	0.425231		0.674680	0.353541	0.678283
8	3	Yes	0.030604	0.827453	0.151163	0.663198	0.340666	0.515645	0.674680		0.938425	0.993244
9	4	No	0.000101	0.960076	0.006365	0.859247	0.058063	0.761698	0.353541	0.938425		0.934493
10	4	Yes	0.030951	0.820869	0.152516	0.657089	0.343130	0.510239	0.678283	0.993244	0.934493	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	9.55667	4.017188	0.022787	1.4094	17.70390
{1}-{3}	0*No	1*No	3.15000	2.141222	0.149946	-1.1926	7.49260
{1}-{4}	0*No	1*Yes	10.07167	4.017188	0.016823	1.9244	18.21890
{1}-{5}	0*No	2*No	5.16250	2.141222	0.021138	0.8199	9.50510
{1}-{6}	0*No	2*Yes	10.58167	4.017188	0.012358	2.4344	18.72890
{1}-{7}	0*No	3*No	7.34167	2.141222	0.001535	2.9991	11.68427
{1}-{8}	0*No	3*Yes	9.04167	4.017188	0.030604	0.8944	17.18890

{1}-{9}	0*No	4*No	9.35417	2.141222	0.000101	5.0116	13.69677
{1}-{10}	0*No	4*Yes	9.02167	4.017188	0.030951	0.8744	17.16890
{2}-{3}	0*Yes	1*No	-6.40667	4.017188	0.119497	-14.5539	1.74057
{2}-{4}	0*Yes	1*Yes	0.51500	2.345591	0.827453	-4.2421	5.27208
{2}-{5}	0*Yes	2*No	-4.39417	4.017188	0.281290	-12.5414	3.75307
{2}-{6}	0*Yes	2*Yes	1.02500	2.345591	0.664729	-3.7321	5.78208
{2}-{7}	0*Yes	3*No	-2.21500	4.017188	0.584779	-10.3622	5.93223
{2}-{8}	0*Yes	3*Yes	-0.51500	2.345591	0.827453	-5.2721	4.24208
{2}-{9}	0*Yes	4*No	-0.20250	4.017188	0.960076	-8.3497	7.94473
{2}-{10}	0*Yes	4*Yes	-0.53500	2.345591	0.820869	-5.2921	4.22208
{3}-{4}	1*No	1*Yes	6.92167	4.017188	0.093467	-1.2256	15.06890
{3}-{5}	1*No	2*No	2.01250	2.141222	0.353541	-2.3301	6.35510
{3}-{6}	1*No	2*Yes	7.43167	4.017188	0.072540	-0.7156	15.57890
{3}-{7}	1*No	3*No	4.19167	2.141222	0.058063	-0.1509	8.53427
{3}-{8}	1*No	3*Yes	5.89167	4.017188	0.151163	-2.2556	14.03890
{3}-{9}	1*No	4*No	6.20417	2.141222	0.006365	1.8616	10.54677
{3}-{10}	1*No	4*Yes	5.87167	4.017188	0.152516	-2.2756	14.01890
{4}-{5}	1*Yes	2*No	-4.90917	4.017188	0.229634	-13.0564	3.23807
{4}-{6}	1*Yes	2*Yes	0.51000	2.345591	0.829102	-4.2471	5.26708
{4}-{7}	1*Yes	3*No	-2.73000	4.017188	0.501117	-10.8772	5.41723
{4}-{8}	1*Yes	3*Yes	-1.03000	2.345591	0.663198	-5.7871	3.72708
{4}-{9}	1*Yes	4*No	-0.71750	4.017188	0.859247	-8.8647	7.42973
{4}-{10}	1*Yes	4*Yes	-1.05000	2.345591	0.657089	-5.8071	3.70708
{5}-{6}	2*No	2*Yes	5.41917	4.017188	0.185763	-2.7281	13.56640
{5}-{7}	2*No	3*No	2.17917	2.141222	0.315602	-2.1634	6.52177
{5}-{8}	2*No	3*Yes	3.87917	4.017188	0.340666	-4.2681	12.02640

{5}-{9}	2*No	4*No	4.19167	2.141222	0.058063	-0.1509	8.53427
{5}-{10}	2*No	4*Yes	3.85917	4.017188	0.343130	-4.2881	12.00640
{6}-{7}	2*Yes	3*No	-3.24000	4.017188	0.425231	-11.3872	4.90723
{6}-{8}	2*Yes	3*Yes	-1.54000	2.345591	0.515645	-6.2971	3.21708
{6}-{9}	2*Yes	4*No	-1.22750	4.017188	0.761698	-9.3747	6.91973
{6}-{10}	2*Yes	4*Yes	-1.56000	2.345591	0.510239	-6.3171	3.19708
{7}-{8}	3*No	3*Yes	1.70000	4.017188	0.674680	-6.4472	9.84723
{7}-{9}	3*No	4*No	2.01250	2.141222	0.353541	-2.3301	6.35510
{7}-{10}	3*No	4*Yes	1.68000	4.017188	0.678283	-6.4672	9.82723
{8}-{9}	3*Yes	4*No	0.31250	4.017188	0.938425	-7.8347	8.45973
{8}-{10}	3*Yes	4*Yes	-0.02000	2.345591	0.993244	-4.7771	4.73708
{9}-{10}	4*No	4*Yes	-0.33250	4.017188	0.934493	-8.4797	7.81473

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 15.575	{2} - 10.195	{3} - 15.192	{4} - 10.680	{5} - 14.733	{6} - 9.6400	{7} - 12.800	{8} - 8.5250	{9} - 10.883	{10} - 8.7450
1	0	No		0.147385	0.817580	0.186328	0.613049	0.111091	0.101218	0.060204	0.007305	0.068251
2	0	Yes	0.147385		0.177567	0.789952	0.219705	0.760540	0.478026	0.361611	0.850808	0.427631
3	1	No	0.817580	0.177567		0.222370	0.782745	0.135264	0.155804	0.074806	0.013065	0.084476
4	1	Yes	0.186328	0.789952	0.222370		0.271996	0.568561	0.563212	0.240898	0.955681	0.291437
5	2	No	0.613049	0.219705	0.782745	0.271996		0.169537	0.248948	0.096120	0.025316	0.108027
6	2	Yes	0.111091	0.760540	0.135264	0.568561	0.169537		0.390223	0.541145	0.734194	0.623449
7	3	No	0.101218	0.478026	0.155804	0.563212	0.248948	0.390223		0.247084	0.252976	0.271802

8	3	Yes	0.060204	0.361611	0.074806	0.240898	0.096120	0.541145	0.247084		0.520413	0.903788
9	4	No	0.007305	0.850808	0.013065	0.955681	0.025316	0.734194	0.252976	0.520413		0.559858
10	4	Yes	0.068251	0.427631	0.084476	0.291437	0.108027	0.623449	0.271802	0.903788	0.559858	

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	5.38000	3.633407	0.147385	-1.9889	12.74889
{1}-{3}	0*No	1*No	0.38333	1.649789	0.817580	-2.9626	3.72926
{1}-{4}	0*No	1*Yes	4.89500	3.633407	0.186328	-2.4739	12.26389
{1}-{5}	0*No	2*No	0.84167	1.649789	0.613049	-2.5043	4.18759
{1}-{6}	0*No	2*Yes	5.93500	3.633407	0.111091	-1.4339	13.30389
{1}-{7}	0*No	3*No	2.77500	1.649789	0.101218	-0.5709	6.12093
{1}-{8}	0*No	3*Yes	7.05000	3.633407	0.060204	-0.3189	14.41889
{1}-{9}	0*No	4*No	4.69167	1.649789	0.007305	1.3457	8.03759
{1}-{10}	0*No	4*Yes	6.83000	3.633407	0.068251	-0.5389	14.19889
{2}-{3}	0*Yes	1*No	-4.99667	3.633407	0.177567	-12.3656	2.37222
{2}-{4}	0*Yes	1*Yes	-0.48500	1.807253	0.789952	-4.1503	3.18028
{2}-{5}	0*Yes	2*No	-4.53833	3.633407	0.219705	-11.9072	2.83056
{2}-{6}	0*Yes	2*Yes	0.55500	1.807253	0.760540	-3.1103	4.22028
{2}-{7}	0*Yes	3*No	-2.60500	3.633407	0.478026	-9.9739	4.76389
{2}-{8}	0*Yes	3*Yes	1.67000	1.807253	0.361611	-1.9953	5.33528

{2}-{9}	0*Yes	4*No	-0.68833	3.633407	0.850808	-8.0572	6.68056
{2}-{10}	0*Yes	4*Yes	1.45000	1.807253	0.427631	-2.2153	5.11528
{3}-{4}	1*No	1*Yes	4.51167	3.633407	0.222370	-2.8572	11.88056
{3}-{5}	1*No	2*No	0.45833	1.649789	0.782745	-2.8876	3.80426
{3}-{6}	1*No	2*Yes	5.55167	3.633407	0.135264	-1.8172	12.92056
{3}-{7}	1*No	3*No	2.39167	1.649789	0.155804	-0.9543	5.73759
{3}-{8}	1*No	3*Yes	6.66667	3.633407	0.074806	-0.7022	14.03556
{3}-{9}	1*No	4*No	4.30833	1.649789	0.013065	0.9624	7.65426
{3}-{10}	1*No	4*Yes	6.44667	3.633407	0.084476	-0.9222	13.81556
{4}-{5}	1*Yes	2*No	-4.05333	3.633407	0.271996	-11.4222	3.31556
{4}-{6}	1*Yes	2*Yes	1.04000	1.807253	0.568561	-2.6253	4.70528
{4}-{7}	1*Yes	3*No	-2.12000	3.633407	0.563212	-9.4889	5.24889
{4}-{8}	1*Yes	3*Yes	2.15500	1.807253	0.240898	-1.5103	5.82028
{4}-{9}	1*Yes	4*No	-0.20333	3.633407	0.955681	-7.5722	7.16556
{4}-{10}	1*Yes	4*Yes	1.93500	1.807253	0.291437	-1.7303	5.60028
{5}-{6}	2*No	2*Yes	5.09333	3.633407	0.169537	-2.2756	12.46222
{5}-{7}	2*No	3*No	1.93333	1.649789	0.248948	-1.4126	5.27926
{5}-{8}	2*No	3*Yes	6.20833	3.633407	0.096120	-1.1606	13.57722
{5}-{9}	2*No	4*No	3.85000	1.649789	0.025316	0.5041	7.19593
{5}-{10}	2*No	4*Yes	5.98833	3.633407	0.108027	-1.3806	13.35722
{6}-{7}	2*Yes	3*No	-3.16000	3.633407	0.390223	-10.5289	4.20889
{6}-{8}	2*Yes	3*Yes	1.11500	1.807253	0.541145	-2.5503	4.78028
{6}-{9}	2*Yes	4*No	-1.24333	3.633407	0.734194	-8.6122	6.12556
{6}-{10}	2*Yes	4*Yes	0.89500	1.807253	0.623449	-2.7703	4.56028
{7}-{8}	3*No	3*Yes	4.27500	3.633407	0.247084	-3.0939	11.64389
{7}-{9}	3*No	4*No	1.91667	1.649789	0.252976	-1.4293	5.26259

{7}-{10}	3*No	4*Yes	4.05500	3.633407	0.271802	-3.3139	11.42389
{8}-{9}	3*Yes	4*No	-2.35833	3.633407	0.520413	-9.7272	5.01056
{8}-{10}	3*Yes	4*Yes	-0.22000	1.807253	0.903788	-3.8853	3.44528
{9}-{10}	4*No	4*Yes	2.13833	3.633407	0.559858	-5.2306	9.50722

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 51.012	{2} - 64.285	{3} - 51.258	{4} - 63.115	{5} - 52.979	{6} - 62.460	{7} - 57.083	{8} - 65.145	{9} - 60.413	{10} - 64.145
1	0	No		0.002074	0.923986	0.004546	0.447099	0.006955	0.023116	0.001143	0.000771	0.002281
2	0	Yes	0.002074		0.002452	0.678826	0.007613	0.519081	0.080065	0.760728	0.339255	0.960437
3	1	No	0.923986	0.002452		0.005339	0.505502	0.008134	0.028849	0.001357	0.001012	0.002695
4	1	Yes	0.004546	0.678826	0.005339		0.015735	0.816540	0.140152	0.473563	0.503430	0.715397
5	2	No	0.447099	0.007613	0.505502	0.015735		0.023206	0.117425	0.004360	0.006237	0.008321
6	2	Yes	0.006955	0.519081	0.008134	0.816540	0.023206		0.187136	0.344452	0.611726	0.551471
7	3	No	0.023116	0.080065	0.028849	0.140152	0.117425	0.187136		0.051287	0.201452	0.085858
8	3	Yes	0.001143	0.760728	0.001357	0.473563	0.004360	0.344452	0.051287		0.244333	0.723326
9	4	No	0.000771	0.339255	0.001012	0.503430	0.006237	0.611726	0.201452	0.244333		0.356786
10	4	Yes	0.002281	0.960437	0.002695	0.715397	0.008321	0.551471	0.085858	0.723326	0.356786	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-13.2725	3.998435	0.002074	-21.3817	-5.16330
{1}-{3}	0*No	1*No	-0.2458	2.558511	0.923986	-5.4347	4.94307
{1}-{4}	0*No	1*Yes	-12.1025	3.998435	0.004546	-20.2117	-3.99330
{1}-{5}	0*No	2*No	-1.9667	2.558511	0.447099	-7.1556	3.22223
{1}-{6}	0*No	2*Yes	-11.4475	3.998435	0.006955	-19.5567	-3.33830
{1}-{7}	0*No	3*No	-6.0708	2.558511	0.023116	-11.2597	-0.88193
{1}-{8}	0*No	3*Yes	-14.1325	3.998435	0.001143	-22.2417	-6.02330
{1}-{9}	0*No	4*No	-9.4000	2.558511	0.000771	-14.5889	-4.21110
{1}-{10}	0*No	4*Yes	-13.1325	3.998435	0.002281	-21.2417	-5.02330
{2}-{3}	0*Yes	1*No	13.0267	3.998435	0.002452	4.9175	21.13587
{2}-{4}	0*Yes	1*Yes	1.1700	2.802708	0.678826	-4.5142	6.85416
{2}-{5}	0*Yes	2*No	11.3058	3.998435	0.007613	3.1966	19.41503
{2}-{6}	0*Yes	2*Yes	1.8250	2.802708	0.519081	-3.8592	7.50916
{2}-{7}	0*Yes	3*No	7.2017	3.998435	0.080065	-0.9075	15.31087
{2}-{8}	0*Yes	3*Yes	-0.8600	2.802708	0.760728	-6.5442	4.82416
{2}-{9}	0*Yes	4*No	3.8725	3.998435	0.339255	-4.2367	11.98170
{2}-{10}	0*Yes	4*Yes	0.1400	2.802708	0.960437	-5.5442	5.82416
{3}-{4}	1*No	1*Yes	-11.8567	3.998435	0.005339	-19.9659	-3.74747
{3}-{5}	1*No	2*No	-1.7208	2.558511	0.505502	-6.9097	3.46807
{3}-{6}	1*No	2*Yes	-11.2017	3.998435	0.008134	-19.3109	-3.09247
{3}-{7}	1*No	3*No	-5.8250	2.558511	0.028849	-11.0139	-0.63610
{3}-{8}	1*No	3*Yes	-13.8867	3.998435	0.001357	-21.9959	-5.77747
{3}-{9}	1*No	4*No	-9.1542	2.558511	0.001012	-14.3431	-3.96527
{3}-{10}	1*No	4*Yes	-12.8867	3.998435	0.002695	-20.9959	-4.77747



{4}-{5}	1*Yes	2*No	10.1358	3.998435	0.015735	2.0266	18.24503
{4}-{6}	1*Yes	2*Yes	0.6550	2.802708	0.816540	-5.0292	6.33916
{4}-{7}	1*Yes	3*No	6.0317	3.998435	0.140152	-2.0775	14.14087
{4}-{8}	1*Yes	3*Yes	-2.0300	2.802708	0.473563	-7.7142	3.65416
{4}-{9}	1*Yes	4*No	2.7025	3.998435	0.503430	-5.4067	10.81170
{4}-{10}	1*Yes	4*Yes	-1.0300	2.802708	0.715397	-6.7142	4.65416
{5}-{6}	2*No	2*Yes	-9.4808	3.998435	0.023206	-17.5900	-1.37163
{5}-{7}	2*No	3*No	-4.1042	2.558511	0.117425	-9.2931	1.08473
{5}-{8}	2*No	3*Yes	-12.1658	3.998435	0.004360	-20.2750	-4.05663
{5}-{9}	2*No	4*No	-7.4333	2.558511	0.006237	-12.6222	-2.24443
{5}-{10}	2*No	4*Yes	-11.1658	3.998435	0.008321	-19.2750	-3.05663
{6}-{7}	2*Yes	3*No	5.3767	3.998435	0.187136	-2.7325	13.48587
{6}-{8}	2*Yes	3*Yes	-2.6850	2.802708	0.344452	-8.3692	2.99916
{6}-{9}	2*Yes	4*No	2.0475	3.998435	0.611726	-6.0617	10.15670
{6}-{10}	2*Yes	4*Yes	-1.6850	2.802708	0.551471	-7.3692	3.99916
{7}-{8}	3*No	3*Yes	-8.0617	3.998435	0.051287	-16.1709	0.04753
{7}-{9}	3*No	4*No	-3.3292	2.558511	0.201452	-8.5181	1.85973
{7}-{10}	3*No	4*Yes	-7.0617	3.998435	0.085858	-15.1709	1.04753
{8}-{9}	3*Yes	4*No	4.7325	3.998435	0.244333	-3.3767	12.84170
{8}-{10}	3*Yes	4*Yes	1.0000	2.802708	0.723326	-4.6842	6.68416
{9}-{10}	4*No	4*Yes	-3.7325	3.998435	0.356786	-11.8417	4.37670

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 19.083	{2} - 20.750	{3} - 22.388	{4} - 21.980	{5} - 23.133	{6} - 25.645	{7} - 23.150	{8} - 21.090	{9} - 23.733	{10} - 21.825

Cell No.												
1	0	No		0.789562	0.182249	0.643100	0.104166	0.296854	0.102800	0.748021	0.063581	0.660920
2	0	Yes	0.789562		0.793157	0.646719	0.702878	0.074114	0.700904	0.899048	0.633228	0.688635
3	1	No	0.182249	0.793157		0.947949	0.760602	0.602449	0.755428	0.835380	0.583006	0.928198
4	1	Yes	0.643100	0.646719	0.947949		0.853442	0.176952	0.851349	0.739990	0.778908	0.953876
5	2	No	0.104166	0.702878	0.760602	0.853442		0.687734	0.994564	0.743583	0.806325	0.834026
6	2	Yes	0.296854	0.074114	0.602449	0.176952	0.687734		0.689694	0.095566	0.759557	0.159791
7	3	No	0.102800	0.700904	0.755428	0.851349	0.994564	0.689694		0.741569	0.811598	0.831945
8	3	Yes	0.748021	0.899048	0.835380	0.739990	0.743583	0.095566	0.741569		0.672331	0.783979
9	4	No	0.063581	0.633228	0.583006	0.778908	0.806325	0.759557	0.811598	0.672331		0.759963
10	4	Yes	0.660920	0.688635	0.928198	0.953876	0.834026	0.159791	0.831945	0.783979	0.759963	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-1.66667	6.198703	0.789562	-14.2382	10.90489
{1}-{3}	0*No	1*No	-3.30417	2.429318	0.182249	-8.2311	1.62272
{1}-{4}	0*No	1*Yes	-2.89667	6.198703	0.643100	-15.4682	9.67489
{1}-{5}	0*No	2*No	-4.05000	2.429318	0.104166	-8.9769	0.87689
{1}-{6}	0*No	2*Yes	-6.56167	6.198703	0.296854	-19.1332	6.00989
{1}-{7}	0*No	3*No	-4.06667	2.429318	0.102800	-8.9936	0.86022
{1}-{8}	0*No	3*Yes	-2.00667	6.198703	0.748021	-14.5782	10.56489

{1}-{9}	0*No	4*No	-4.65000	2.429318	0.063581	-9.5769	0.27689
{1}-{10}	0*No	4*Yes	-2.74167	6.198703	0.660920	-15.3132	9.82989
{2}-{3}	0*Yes	1*No	-1.63750	6.198703	0.793157	-14.2091	10.93405
{2}-{4}	0*Yes	1*Yes	-1.23000	2.661185	0.646719	-6.6271	4.16713
{2}-{5}	0*Yes	2*No	-2.38333	6.198703	0.702878	-14.9549	10.18822
{2}-{6}	0*Yes	2*Yes	-4.89500	2.661185	0.074114	-10.2921	0.50213
{2}-{7}	0*Yes	3*No	-2.40000	6.198703	0.700904	-14.9716	10.17155
{2}-{8}	0*Yes	3*Yes	-0.34000	2.661185	0.899048	-5.7371	5.05713
{2}-{9}	0*Yes	4*No	-2.98333	6.198703	0.633228	-15.5549	9.58822
{2}-{10}	0*Yes	4*Yes	-1.07500	2.661185	0.688635	-6.4721	4.32213
{3}-{4}	1*No	1*Yes	0.40750	6.198703	0.947949	-12.1641	12.97905
{3}-{5}	1*No	2*No	-0.74583	2.429318	0.760602	-5.6727	4.18105
{3}-{6}	1*No	2*Yes	-3.25750	6.198703	0.602449	-15.8291	9.31405
{3}-{7}	1*No	3*No	-0.76250	2.429318	0.755428	-5.6894	4.16439
{3}-{8}	1*No	3*Yes	1.29750	6.198703	0.835380	-11.2741	13.86905
{3}-{9}	1*No	4*No	-1.34583	2.429318	0.583006	-6.2727	3.58105
{3}-{10}	1*No	4*Yes	0.56250	6.198703	0.928198	-12.0091	13.13405
{4}-{5}	1*Yes	2*No	-1.15333	6.198703	0.853442	-13.7249	11.41822
{4}-{6}	1*Yes	2*Yes	-3.66500	2.661185	0.176952	-9.0621	1.73213
{4}-{7}	1*Yes	3*No	-1.17000	6.198703	0.851349	-13.7416	11.40155
{4}-{8}	1*Yes	3*Yes	0.89000	2.661185	0.739990	-4.5071	6.28713
{4}-{9}	1*Yes	4*No	-1.75333	6.198703	0.778908	-14.3249	10.81822
{4}-{10}	1*Yes	4*Yes	0.15500	2.661185	0.953876	-5.2421	5.55213
{5}-{6}	2*No	2*Yes	-2.51167	6.198703	0.687734	-15.0832	10.05989
{5}-{7}	2*No	3*No	-0.01667	2.429318	0.994564	-4.9436	4.91022
{5}-{8}	2*No	3*Yes	2.04333	6.198703	0.743583	-10.5282	14.61489

{5}-{9}	2*No	4*No	-0.60000	2.429318	0.806325	-5.5269	4.32689
{5}-{10}	2*No	4*Yes	1.30833	6.198703	0.834026	-11.2632	13.87989
{6}-{7}	2*Yes	3*No	2.49500	6.198703	0.689694	-10.0766	15.06655
{6}-{8}	2*Yes	3*Yes	4.55500	2.661185	0.095566	-0.8421	9.95213
{6}-{9}	2*Yes	4*No	1.91167	6.198703	0.759557	-10.6599	14.48322
{6}-{10}	2*Yes	4*Yes	3.82000	2.661185	0.159791	-1.5771	9.21713
{7}-{8}	3*No	3*Yes	2.06000	6.198703	0.741569	-10.5116	14.63155
{7}-{9}	3*No	4*No	-0.58333	2.429318	0.811598	-5.5102	4.34355
{7}-{10}	3*No	4*Yes	1.32500	6.198703	0.831945	-11.2466	13.89655
{8}-{9}	3*Yes	4*No	-2.64333	6.198703	0.672331	-15.2149	9.92822
{8}-{10}	3*Yes	4*Yes	-0.73500	2.661185	0.783979	-6.1321	4.66213
{9}-{10}	4*No	4*Yes	1.90833	6.198703	0.759963	-10.6632	14.47989

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 4.2208	{2} - 1.1550	{3} - 3.0000	{4} - .68500	{5} - 2.1708	{6} - .63000	{7} - 1.9000	{8} - .70000	{9} - .83750	{10} - .58000
1	0	No		0.008057	0.062526	0.002606	0.002661	0.002274	0.000816	0.002705	0.000006	0.002007
2	0	Yes	0.008057		0.100019	0.503657	0.358821	0.455410	0.499801	0.517288	0.773088	0.413996
3	1	No	0.062526	0.100019		0.041124	0.200004	0.036801	0.091849	0.042379	0.001640	0.033225
4	1	Yes	0.002606	0.503657	0.041124		0.182426	0.937430	0.273620	0.982918	0.889802	0.880885
5	2	No	0.002661	0.358821	0.200004	0.182426		0.167156	0.672340	0.186772	0.042865	0.154160
6	2	Yes	0.002274	0.455410	0.036801	0.937430	0.167156		0.252855	0.920418	0.850481	0.943107
7	3	No	0.000816	0.499801	0.091849	0.273620	0.672340	0.252855		0.279488	0.103021	0.234993

8	3	Yes	0.002705	0.517288	0.042379	0.982918	0.186772	0.920418	0.279488		0.900579	0.864030
9	4	No	0.000006	0.773088	0.001640	0.889802	0.042865	0.850481	0.103021	0.900579		0.815066
10	4	Yes	0.002007	0.413996	0.033225	0.880885	0.154160	0.943107	0.234993	0.864030	0.815066	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	3.06583	1.092882	0.008057	0.84937	5.282300
{1}-{3}	0*No	1*No	1.22083	0.635132	0.062526	-0.06727	2.508940
{1}-{4}	0*No	1*Yes	3.53583	1.092882	0.002606	1.31937	5.752300
{1}-{5}	0*No	2*No	2.05000	0.635132	0.002661	0.76189	3.338107
{1}-{6}	0*No	2*Yes	3.59083	1.092882	0.002274	1.37437	5.807300
{1}-{7}	0*No	3*No	2.32083	0.635132	0.000816	1.03273	3.608940
{1}-{8}	0*No	3*Yes	3.52083	1.092882	0.002705	1.30437	5.737300
{1}-{9}	0*No	4*No	3.38333	0.635132	0.000006	2.09523	4.671440
{1}-{10}	0*No	4*Yes	3.64083	1.092882	0.002007	1.42437	5.857300
{2}-{3}	0*Yes	1*No	-1.84500	1.092882	0.100019	-4.06147	0.371466
{2}-{4}	0*Yes	1*Yes	0.47000	0.695752	0.503657	-0.94105	1.881050
{2}-{5}	0*Yes	2*No	-1.01583	1.092882	0.358821	-3.23230	1.200633
{2}-{6}	0*Yes	2*Yes	0.52500	0.695752	0.455410	-0.88605	1.936050
{2}-{7}	0*Yes	3*No	-0.74500	1.092882	0.499801	-2.96147	1.471466
{2}-{8}	0*Yes	3*Yes	0.45500	0.695752	0.517288	-0.95605	1.866050

{2}-{9}	0*Yes	4*No	0.31750	1.092882	0.773088	-1.89897	2.533966
{2}-{10}	0*Yes	4*Yes	0.57500	0.695752	0.413996	-0.83605	1.986050
{3}-{4}	1*No	1*Yes	2.31500	1.092882	0.041124	0.09853	4.531466
{3}-{5}	1*No	2*No	0.82917	0.635132	0.200004	-0.45894	2.117274
{3}-{6}	1*No	2*Yes	2.37000	1.092882	0.036801	0.15353	4.586466
{3}-{7}	1*No	3*No	1.10000	0.635132	0.091849	-0.18811	2.388107
{3}-{8}	1*No	3*Yes	2.30000	1.092882	0.042379	0.08353	4.516466
{3}-{9}	1*No	4*No	2.16250	0.635132	0.001640	0.87439	3.450607
{3}-{10}	1*No	4*Yes	2.42000	1.092882	0.033225	0.20353	4.636466
{4}-{5}	1*Yes	2*No	-1.48583	1.092882	0.182426	-3.70230	0.730633
{4}-{6}	1*Yes	2*Yes	0.05500	0.695752	0.937430	-1.35605	1.466050
{4}-{7}	1*Yes	3*No	-1.21500	1.092882	0.273620	-3.43147	1.001466
{4}-{8}	1*Yes	3*Yes	-0.01500	0.695752	0.982918	-1.42605	1.396050
{4}-{9}	1*Yes	4*No	-0.15250	1.092882	0.889802	-2.36897	2.063966
{4}-{10}	1*Yes	4*Yes	0.10500	0.695752	0.880885	-1.30605	1.516050
{5}-{6}	2*No	2*Yes	1.54083	1.092882	0.167156	-0.67563	3.757300
{5}-{7}	2*No	3*No	0.27083	0.635132	0.672340	-1.01727	1.558940
{5}-{8}	2*No	3*Yes	1.47083	1.092882	0.186772	-0.74563	3.687300
{5}-{9}	2*No	4*No	1.33333	0.635132	0.042865	0.04523	2.621440
{5}-{10}	2*No	4*Yes	1.59083	1.092882	0.154160	-0.62563	3.807300
{6}-{7}	2*Yes	3*No	-1.27000	1.092882	0.252855	-3.48647	0.946466
{6}-{8}	2*Yes	3*Yes	-0.07000	0.695752	0.920418	-1.48105	1.341050
{6}-{9}	2*Yes	4*No	-0.20750	1.092882	0.850481	-2.42397	2.008966
{6}-{10}	2*Yes	4*Yes	0.05000	0.695752	0.943107	-1.36105	1.461050
{7}-{8}	3*No	3*Yes	1.20000	1.092882	0.279488	-1.01647	3.416466
{7}-{9}	3*No	4*No	1.06250	0.635132	0.103021	-0.22561	2.350607



Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	8.94583	3.630664	0.018651	1.5825	16.30916
{1}-{3}	0*No	1*No	2.54167	1.908215	0.191245	-1.3284	6.41171
{1}-{4}	0*No	1*Yes	8.42083	3.630664	0.026163	1.0575	15.78416
{1}-{5}	0*No	2*No	4.08750	1.908215	0.039026	0.2175	7.95754
{1}-{6}	0*No	2*Yes	8.97083	3.630664	0.018348	1.6075	16.33416
{1}-{7}	0*No	3*No	6.17083	1.908215	0.002617	2.3008	10.04087
{1}-{8}	0*No	3*Yes	9.04083	3.630664	0.017523	1.6775	16.40416
{1}-{9}	0*No	4*No	7.73333	1.908215	0.000258	3.8633	11.60337
{1}-{10}	0*No	4*Yes	8.79083	3.630664	0.020634	1.4275	16.15416
{2}-{3}	0*Yes	1*No	-6.40417	3.630664	0.086232	-13.7675	0.95916
{2}-{4}	0*Yes	1*Yes	-0.52500	2.090345	0.803123	-4.7644	3.71442
{2}-{5}	0*Yes	2*No	-4.85833	3.630664	0.189242	-12.2217	2.50499
{2}-{6}	0*Yes	2*Yes	0.02500	2.090345	0.990524	-4.2144	4.26442
{2}-{7}	0*Yes	3*No	-2.77500	3.630664	0.449656	-10.1383	4.58833
{2}-{8}	0*Yes	3*Yes	0.09500	2.090345	0.964002	-4.1444	4.33442
{2}-{9}	0*Yes	4*No	-1.21250	3.630664	0.740347	-8.5758	6.15083
{2}-{10}	0*Yes	4*Yes	-0.15500	2.090345	0.941301	-4.3944	4.08442
{3}-{4}	1*No	1*Yes	5.87917	3.630664	0.114110	-1.4842	13.24249
{3}-{5}	1*No	2*No	1.54583	1.908215	0.423209	-2.3242	5.41587
{3}-{6}	1*No	2*Yes	6.42917	3.630664	0.085062	-0.9342	13.79249
{3}-{7}	1*No	3*No	3.62917	1.908215	0.065214	-0.2409	7.49921
{3}-{8}	1*No	3*Yes	6.49917	3.630664	0.081856	-0.8642	13.86249
{3}-{9}	1*No	4*No	5.19167	1.908215	0.009970	1.3216	9.06171
{3}-{10}	1*No	4*Yes	6.24917	3.630664	0.093796	-1.1142	13.61249



{4}-{5}	1*Yes	2*No	-4.33333	3.630664	0.240465	-11.6967	3.02999
{4}-{6}	1*Yes	2*Yes	0.55000	2.090345	0.793962	-3.6894	4.78942
{4}-{7}	1*Yes	3*No	-2.25000	3.630664	0.539344	-9.6133	5.11333
{4}-{8}	1*Yes	3*Yes	0.62000	2.090345	0.768475	-3.6194	4.85942
{4}-{9}	1*Yes	4*No	-0.68750	3.630664	0.850875	-8.0508	6.67583
{4}-{10}	1*Yes	4*Yes	0.37000	2.090345	0.860497	-3.8694	4.60942
{5}-{6}	2*No	2*Yes	4.88333	3.630664	0.187030	-2.4800	12.24666
{5}-{7}	2*No	3*No	2.08333	1.908215	0.282187	-1.7867	5.95337
{5}-{8}	2*No	3*Yes	4.95333	3.630664	0.180940	-2.4100	12.31666
{5}-{9}	2*No	4*No	3.64583	1.908215	0.064046	-0.2242	7.51587
{5}-{10}	2*No	4*Yes	4.70333	3.630664	0.203412	-2.6600	12.06666
{6}-{7}	2*Yes	3*No	-2.80000	3.630664	0.445616	-10.1633	4.56333
{6}-{8}	2*Yes	3*Yes	0.07000	2.090345	0.973471	-4.1694	4.30942
{6}-{9}	2*Yes	4*No	-1.23750	3.630664	0.735200	-8.6008	6.12583
{6}-{10}	2*Yes	4*Yes	-0.18000	2.090345	0.931856	-4.4194	4.05942
{7}-{8}	3*No	3*Yes	2.87000	3.630664	0.434419	-4.4933	10.23333
{7}-{9}	3*No	4*No	1.56250	1.908215	0.418272	-2.3075	5.43254
{7}-{10}	3*No	4*Yes	2.62000	3.630664	0.475182	-4.7433	9.98333
{8}-{9}	3*Yes	4*No	-1.30750	3.630664	0.720856	-8.6708	6.05583
{8}-{10}	3*Yes	4*Yes	-0.25000	2.090345	0.905467	-4.4894	3.98942
{9}-{10}	4*No	4*Yes	1.05750	3.630664	0.772517	-6.3058	8.42083

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 61.325	{2} - 72.315	{3} - 62.225	{4} - 70.700	{5} - 64.046	{6} - 68.775	{7} - 66.417	{8} - 72.540	{9} - 68.442	{10} - 71.295

Cell No.												
1	0	No		0.022678	0.676664	0.049678	0.211864	0.115248	0.022806	0.020225	0.002045	0.037506
2	0	Yes	0.022678		0.035399	0.495415	0.081618	0.139864	0.209469	0.924091	0.406915	0.666173
3	1	No	0.676664	0.035399		0.074609	0.400609	0.164479	0.057996	0.031730	0.006257	0.057163
4	1	Yes	0.049678	0.495415	0.074609		0.158048	0.417096	0.359592	0.437780	0.627617	0.801141
5	2	No	0.211864	0.081618	0.400609	0.158048		0.312396	0.275404	0.073983	0.047340	0.125037
6	2	Yes	0.115248	0.139864	0.164479	0.417096	0.312396		0.612514	0.117102	0.942829	0.289679
7	3	No	0.022806	0.209469	0.057996	0.359592	0.275404	0.612514		0.192985	0.350462	0.297598
8	3	Yes	0.020225	0.924091	0.031730	0.437780	0.073983	0.117102	0.192985		0.380482	0.598727
9	4	No	0.002045	0.406915	0.006257	0.627617	0.047340	0.942829	0.350462	0.380482		0.540348
10	4	Yes	0.037506	0.666173	0.057163	0.801141	0.125037	0.289679	0.297598	0.598727	0.540348	

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-10.9900	4.615699	0.022678	-20.3511	-1.62893
{1}-{3}	0*No	1*No	-0.9000	2.140623	0.676664	-5.2414	3.44138
{1}-{4}	0*No	1*Yes	-9.3750	4.615699	0.049678	-18.7361	-0.01393
{1}-{5}	0*No	2*No	-2.7208	2.140623	0.211864	-7.0622	1.62055
{1}-{6}	0*No	2*Yes	-7.4500	4.615699	0.115248	-16.8111	1.91107
{1}-{7}	0*No	3*No	-5.0917	2.140623	0.022806	-9.4331	-0.75028
{1}-{8}	0*No	3*Yes	-11.2150	4.615699	0.020225	-20.5761	-1.85393

{1}-{9}	0*No	4*No	-7.1167	2.140623	0.002045	-11.4581	-2.77528
{1}-{10}	0*No	4*Yes	-9.9700	4.615699	0.037506	-19.3311	-0.60893
{2}-{3}	0*Yes	1*No	10.0900	4.615699	0.035399	0.7289	19.45107
{2}-{4}	0*Yes	1*Yes	1.6150	2.344935	0.495415	-3.1407	6.37075
{2}-{5}	0*Yes	2*No	8.2692	4.615699	0.081618	-1.0919	17.63024
{2}-{6}	0*Yes	2*Yes	3.5400	2.344935	0.139864	-1.2157	8.29575
{2}-{7}	0*Yes	3*No	5.8983	4.615699	0.209469	-3.4627	15.25941
{2}-{8}	0*Yes	3*Yes	-0.2250	2.344935	0.924091	-4.9807	4.53075
{2}-{9}	0*Yes	4*No	3.8733	4.615699	0.406915	-5.4877	13.23441
{2}-{10}	0*Yes	4*Yes	1.0200	2.344935	0.666173	-3.7357	5.77575
{3}-{4}	1*No	1*Yes	-8.4750	4.615699	0.074609	-17.8361	0.88607
{3}-{5}	1*No	2*No	-1.8208	2.140623	0.400609	-6.1622	2.52055
{3}-{6}	1*No	2*Yes	-6.5500	4.615699	0.164479	-15.9111	2.81107
{3}-{7}	1*No	3*No	-4.1917	2.140623	0.057996	-8.5331	0.14972
{3}-{8}	1*No	3*Yes	-10.3150	4.615699	0.031730	-19.6761	-0.95393
{3}-{9}	1*No	4*No	-6.2167	2.140623	0.006257	-10.5581	-1.87528
{3}-{10}	1*No	4*Yes	-9.0700	4.615699	0.057163	-18.4311	0.29107
{4}-{5}	1*Yes	2*No	6.6542	4.615699	0.158048	-2.7069	16.01524
{4}-{6}	1*Yes	2*Yes	1.9250	2.344935	0.417096	-2.8307	6.68075
{4}-{7}	1*Yes	3*No	4.2833	4.615699	0.359592	-5.0777	13.64441
{4}-{8}	1*Yes	3*Yes	-1.8400	2.344935	0.437780	-6.5957	2.91575
{4}-{9}	1*Yes	4*No	2.2583	4.615699	0.627617	-7.1027	11.61941
{4}-{10}	1*Yes	4*Yes	-0.5950	2.344935	0.801141	-5.3507	4.16075
{5}-{6}	2*No	2*Yes	-4.7292	4.615699	0.312396	-14.0902	4.63191
{5}-{7}	2*No	3*No	-2.3708	2.140623	0.275404	-6.7122	1.97055
{5}-{8}	2*No	3*Yes	-8.4942	4.615699	0.073983	-17.8552	0.86691

{5}-{9}	2*No	4*No	-4.3958	2.140623	0.047340	-8.7372	-0.05445
{5}-{10}	2*No	4*Yes	-7.2492	4.615699	0.125037	-16.6102	2.11191
{6}-{7}	2*Yes	3*No	2.3583	4.615699	0.612514	-7.0027	11.71941
{6}-{8}	2*Yes	3*Yes	-3.7650	2.344935	0.117102	-8.5207	0.99075
{6}-{9}	2*Yes	4*No	0.3333	4.615699	0.942829	-9.0277	9.69441
{6}-{10}	2*Yes	4*Yes	-2.5200	2.344935	0.289679	-7.2757	2.23575
{7}-{8}	3*No	3*Yes	-6.1233	4.615699	0.192985	-15.4844	3.23774
{7}-{9}	3*No	4*No	-2.0250	2.140623	0.350462	-6.3664	2.31638
{7}-{10}	3*No	4*Yes	-4.8783	4.615699	0.297598	-14.2394	4.48274
{8}-{9}	3*Yes	4*No	4.0983	4.615699	0.380482	-5.2627	13.45941
{8}-{10}	3*Yes	4*Yes	1.2450	2.344935	0.598727	-3.5107	6.00075
{9}-{10}	4*No	4*Yes	-2.8533	4.615699	0.540348	-12.2144	6.50774

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 19.083	{2} - 20.750	{3} - 22.388	{4} - 21.980	{5} - 23.133	{6} - 24.645	{7} - 23.150	{8} - 21.090	{9} - 23.733	{10} - 21.825
1	0	No		0.786961	0.178590	0.638910	0.101313	0.369603	0.099967	0.744942	0.061430	0.656907
2	0	Yes	0.786961		0.790598	0.643884	0.699302	0.148561	0.697307	0.898180	0.628942	0.686092
3	1	No	0.178590	0.790598		0.947290	0.758599	0.714433	0.753385	0.833325	0.579767	0.927291
4	1	Yes	0.638910	0.643884	0.947290		0.851607	0.319192	0.849489	0.737828	0.776183	0.953477
5	2	No	0.101313	0.699302	0.758599	0.851607		0.806343	0.994517	0.740455	0.804685	0.831955
6	2	Yes	0.369603	0.148561	0.714433	0.319192	0.806343		0.808435	0.186264	0.882434	0.292256
7	3	No	0.099967	0.697307	0.753385	0.849489	0.994517	0.808435		0.738418	0.810001	0.829848

8	3	Yes	0.744942	0.898180	0.833325	0.737828	0.740455	0.186264	0.738418		0.668435	0.782161
9	4	No	0.061430	0.628942	0.579767	0.776183	0.804685	0.882434	0.810001	0.668435		0.757020
10	4	Yes	0.656907	0.686092	0.927291	0.953477	0.831955	0.292256	0.829848	0.782161	0.757020	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-1.66667	6.121122	0.786961	-14.0809	10.74755
{1}-{3}	0*No	1*No	-3.30417	2.408495	0.178590	-8.1888	1.58049
{1}-{4}	0*No	1*Yes	-2.89667	6.121122	0.638910	-15.3109	9.51755
{1}-{5}	0*No	2*No	-4.05000	2.408495	0.101313	-8.9347	0.83465
{1}-{6}	0*No	2*Yes	-5.56167	6.121122	0.369603	-17.9759	6.85255
{1}-{7}	0*No	3*No	-4.06667	2.408495	0.099967	-8.9513	0.81799
{1}-{8}	0*No	3*Yes	-2.00667	6.121122	0.744942	-14.4209	10.40755
{1}-{9}	0*No	4*No	-4.65000	2.408495	0.061430	-9.5347	0.23465
{1}-{10}	0*No	4*Yes	-2.74167	6.121122	0.656907	-15.1559	9.67255
{2}-{3}	0*Yes	1*No	-1.63750	6.121122	0.790598	-14.0517	10.77671
{2}-{4}	0*Yes	1*Yes	-1.23000	2.638374	0.643884	-6.5809	4.12087
{2}-{5}	0*Yes	2*No	-2.38333	6.121122	0.699302	-14.7975	10.03088
{2}-{6}	0*Yes	2*Yes	-3.89500	2.638374	0.148561	-9.2459	1.45587
{2}-{7}	0*Yes	3*No	-2.40000	6.121122	0.697307	-14.8142	10.01421
{2}-{8}	0*Yes	3*Yes	-0.34000	2.638374	0.898180	-5.6909	5.01087

{2}-{9}	0*Yes	4*No	-2.98333	6.121122	0.628942	-15.3975	9.43088
{2}-{10}	0*Yes	4*Yes	-1.07500	2.638374	0.686092	-6.4259	4.27587
{3}-{4}	1*No	1*Yes	0.40750	6.121122	0.947290	-12.0067	12.82171
{3}-{5}	1*No	2*No	-0.74583	2.408495	0.758599	-5.6305	4.13882
{3}-{6}	1*No	2*Yes	-2.25750	6.121122	0.714433	-14.6717	10.15671
{3}-{7}	1*No	3*No	-0.76250	2.408495	0.753385	-5.6472	4.12215
{3}-{8}	1*No	3*Yes	1.29750	6.121122	0.833325	-11.1167	13.71171
{3}-{9}	1*No	4*No	-1.34583	2.408495	0.579767	-6.2305	3.53882
{3}-{10}	1*No	4*Yes	0.56250	6.121122	0.927291	-11.8517	12.97671
{4}-{5}	1*Yes	2*No	-1.15333	6.121122	0.851607	-13.5675	11.26088
{4}-{6}	1*Yes	2*Yes	-2.66500	2.638374	0.319192	-8.0159	2.68587
{4}-{7}	1*Yes	3*No	-1.17000	6.121122	0.849489	-13.5842	11.24421
{4}-{8}	1*Yes	3*Yes	0.89000	2.638374	0.737828	-4.4609	6.24087
{4}-{9}	1*Yes	4*No	-1.75333	6.121122	0.776183	-14.1675	10.66088
{4}-{10}	1*Yes	4*Yes	0.15500	2.638374	0.953477	-5.1959	5.50587
{5}-{6}	2*No	2*Yes	-1.51167	6.121122	0.806343	-13.9259	10.90255
{5}-{7}	2*No	3*No	-0.01667	2.408495	0.994517	-4.9013	4.86799
{5}-{8}	2*No	3*Yes	2.04333	6.121122	0.740455	-10.3709	14.45755
{5}-{9}	2*No	4*No	-0.60000	2.408495	0.804685	-5.4847	4.28465
{5}-{10}	2*No	4*Yes	1.30833	6.121122	0.831955	-11.1059	13.72255
{6}-{7}	2*Yes	3*No	1.49500	6.121122	0.808435	-10.9192	13.90921
{6}-{8}	2*Yes	3*Yes	3.55500	2.638374	0.186264	-1.7959	8.90587
{6}-{9}	2*Yes	4*No	0.91167	6.121122	0.882434	-11.5025	13.32588
{6}-{10}	2*Yes	4*Yes	2.82000	2.638374	0.292256	-2.5309	8.17087
{7}-{8}	3*No	3*Yes	2.06000	6.121122	0.738418	-10.3542	14.47421
{7}-{9}	3*No	4*No	-0.58333	2.408495	0.810001	-5.4680	4.30132



Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-82.327	40.62832	0.050188	-164.725	0.0714
{1}-{3}	0*No	1*No	-8.483	24.15480	0.727480	-57.472	40.5049
{1}-{4}	0*No	1*Yes	-76.027	40.62832	0.069452	-158.425	6.3714
{1}-{5}	0*No	2*No	1.925	24.15480	0.936922	-47.063	50.9132
{1}-{6}	0*No	2*Yes	-64.637	40.62832	0.120371	-147.035	17.7614
{1}-{7}	0*No	3*No	28.250	24.15480	0.249871	-20.738	77.2382
{1}-{8}	0*No	3*Yes	-75.627	40.62832	0.070865	-158.025	6.7714
{1}-{9}	0*No	4*No	-13.550	24.15480	0.578296	-62.538	35.4382
{1}-{10}	0*No	4*Yes	-62.057	40.62832	0.135395	-144.455	20.3414
{2}-{3}	0*Yes	1*No	73.843	40.62832	0.077466	-8.555	156.2414
{2}-{4}	0*Yes	1*Yes	6.300	26.46025	0.813159	-47.364	59.9639
{2}-{5}	0*Yes	2*No	84.252	40.62832	0.045318	1.854	166.6497
{2}-{6}	0*Yes	2*Yes	17.690	26.46025	0.508047	-35.974	71.3539
{2}-{7}	0*Yes	3*No	110.577	40.62832	0.009946	28.179	192.9747
{2}-{8}	0*Yes	3*Yes	6.700	26.46025	0.801546	-46.964	60.3639
{2}-{9}	0*Yes	4*No	68.777	40.62832	0.099127	-13.621	151.1747
{2}-{10}	0*Yes	4*Yes	20.270	26.46025	0.448638	-33.394	73.9339
{3}-{4}	1*No	1*Yes	-67.543	40.62832	0.105103	-149.941	14.8547
{3}-{5}	1*No	2*No	10.408	24.15480	0.669109	-38.580	59.3965
{3}-{6}	1*No	2*Yes	-56.153	40.62832	0.175450	-138.551	26.2447
{3}-{7}	1*No	3*No	36.733	24.15480	0.137059	-12.255	85.7215
{3}-{8}	1*No	3*Yes	-67.143	40.62832	0.107104	-149.541	15.2547
{3}-{9}	1*No	4*No	-5.067	24.15480	0.835039	-54.055	43.9215
{3}-{10}	1*No	4*Yes	-53.573	40.62832	0.195624	-135.971	28.8247



{4}-{5}	1*Yes	2*No	77.952	40.62832	0.062985	-4.446	160.3497
{4}-{6}	1*Yes	2*Yes	11.390	26.46025	0.669429	-42.274	65.0539
{4}-{7}	1*Yes	3*No	104.277	40.62832	0.014574	21.879	186.6747
{4}-{8}	1*Yes	3*Yes	0.400	26.46025	0.988022	-53.264	54.0639
{4}-{9}	1*Yes	4*No	62.477	40.62832	0.132851	-19.921	144.8747
{4}-{10}	1*Yes	4*Yes	13.970	26.46025	0.600765	-39.694	67.6339
{5}-{6}	2*No	2*Yes	-66.562	40.62832	0.110070	-148.960	15.8364
{5}-{7}	2*No	3*No	26.325	24.15480	0.283023	-22.663	75.3132
{5}-{8}	2*No	3*Yes	-77.552	40.62832	0.064284	-159.950	4.8464
{5}-{9}	2*No	4*No	-15.475	24.15480	0.525801	-64.463	33.5132
{5}-{10}	2*No	4*Yes	-63.982	40.62832	0.124050	-146.380	18.4164
{6}-{7}	2*Yes	3*No	92.887	40.62832	0.028228	10.489	175.2847
{6}-{8}	2*Yes	3*Yes	-10.990	26.46025	0.680358	-64.654	42.6739
{6}-{9}	2*Yes	4*No	51.087	40.62832	0.216700	-31.311	133.4847
{6}-{10}	2*Yes	4*Yes	2.580	26.46025	0.922866	-51.084	56.2439
{7}-{8}	3*No	3*Yes	-103.877	40.62832	0.014927	-186.275	-21.4786
{7}-{9}	3*No	4*No	-41.800	24.15480	0.092105	-90.788	7.1882
{7}-{10}	3*No	4*Yes	-90.307	40.62832	0.032602	-172.705	-7.9086
{8}-{9}	3*Yes	4*No	62.077	40.62832	0.135273	-20.321	144.4747
{8}-{10}	3*Yes	4*Yes	13.570	26.46025	0.611193	-40.094	67.2339
{9}-{10}	4*No	4*Yes	-48.507	40.62832	0.240320	-130.905	33.8914

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)											
Probabilities for Post Hoc Tests											
Effect: Concentration_New*Obese (Y/N)											
Concentration_New	Obese (Y/N)	{1} - 445.00	{2} - 486.50	{3} - 445.56	{4} - 497.80	{5} - 448.28	{6} - 482.37	{7} - 460.28	{8} - 477.97	{9} - 465.90	{10} - 481.03

Cell No.												
1	0	No		0.313975	0.965395	0.202178	0.799924	0.363908	0.242878	0.422570	0.113269	0.381231
2	0	Yes	0.313975		0.320486	0.428499	0.353322	0.771347	0.522954	0.548894	0.615232	0.700175
3	1	No	0.965395	0.320486		0.206918	0.833582	0.371089	0.260325	0.430457	0.122962	0.388630
4	1	Yes	0.202178	0.428499	0.206918		0.231074	0.281388	0.362166	0.168319	0.437649	0.242233
5	2	No	0.799924	0.353322	0.833582	0.231074		0.407165	0.357550	0.469907	0.179825	0.425749
6	2	Yes	0.363908	0.771347	0.371089	0.281388	0.407165		0.590141	0.756607	0.687572	0.924558
7	3	No	0.242878	0.522954	0.260325	0.362166	0.357550	0.590141		0.666071	0.665512	0.612885
8	3	Yes	0.422570	0.548894	0.430457	0.168319	0.469907	0.756607	0.666071		0.768139	0.829472
9	4	No	0.113269	0.615232	0.122962	0.437649	0.179825	0.687572	0.665512	0.768139		0.711833
10	4	Yes	0.381231	0.700175	0.388630	0.242233	0.425749	0.924558	0.612885	0.829472	0.711833	

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-41.5092	40.64760	0.313975	-123.946	40.9280
{1}-{3}	0*No	1*No	-0.5625	12.87567	0.965395	-26.676	25.5506
{1}-{4}	0*No	1*Yes	-52.8042	40.64760	0.202178	-135.241	29.6330
{1}-{5}	0*No	2*No	-3.2875	12.87567	0.799924	-29.401	22.8256
{1}-{6}	0*No	2*Yes	-37.3792	40.64760	0.363908	-119.816	45.0580
{1}-{7}	0*No	3*No	-15.2875	12.87567	0.242878	-41.401	10.8256
{1}-{8}	0*No	3*Yes	-32.9742	40.64760	0.422570	-115.411	49.4630

{1}-{9}	0*No	4*No	-20.9000	12.87567	0.113269	-47.013	5.2131
{1}-{10}	0*No	4*Yes	-36.0342	40.64760	0.381231	-118.471	46.4030
{2}-{3}	0*Yes	1*No	40.9467	40.64760	0.320486	-41.490	123.3838
{2}-{4}	0*Yes	1*Yes	-11.2950	14.10459	0.428499	-39.900	17.3104
{2}-{5}	0*Yes	2*No	38.2217	40.64760	0.353322	-44.215	120.6588
{2}-{6}	0*Yes	2*Yes	4.1300	14.10459	0.771347	-24.475	32.7354
{2}-{7}	0*Yes	3*No	26.2217	40.64760	0.522954	-56.215	108.6588
{2}-{8}	0*Yes	3*Yes	8.5350	14.10459	0.548894	-20.070	37.1404
{2}-{9}	0*Yes	4*No	20.6092	40.64760	0.615232	-61.828	103.0463
{2}-{10}	0*Yes	4*Yes	5.4750	14.10459	0.700175	-23.130	34.0804
{3}-{4}	1*No	1*Yes	-52.2417	40.64760	0.206918	-134.679	30.1955
{3}-{5}	1*No	2*No	-2.7250	12.87567	0.833582	-28.838	23.3881
{3}-{6}	1*No	2*Yes	-36.8167	40.64760	0.371089	-119.254	45.6205
{3}-{7}	1*No	3*No	-14.7250	12.87567	0.260325	-40.838	11.3881
{3}-{8}	1*No	3*Yes	-32.4117	40.64760	0.430457	-114.849	50.0255
{3}-{9}	1*No	4*No	-20.3375	12.87567	0.122962	-46.451	5.7756
{3}-{10}	1*No	4*Yes	-35.4717	40.64760	0.388630	-117.909	46.9655
{4}-{5}	1*Yes	2*No	49.5167	40.64760	0.231074	-32.920	131.9538
{4}-{6}	1*Yes	2*Yes	15.4250	14.10459	0.281388	-13.180	44.0304
{4}-{7}	1*Yes	3*No	37.5167	40.64760	0.362166	-44.920	119.9538
{4}-{8}	1*Yes	3*Yes	19.8300	14.10459	0.168319	-8.775	48.4354
{4}-{9}	1*Yes	4*No	31.9042	40.64760	0.437649	-50.533	114.3413
{4}-{10}	1*Yes	4*Yes	16.7700	14.10459	0.242233	-11.835	45.3754
{5}-{6}	2*No	2*Yes	-34.0917	40.64760	0.407165	-116.529	48.3455
{5}-{7}	2*No	3*No	-12.0000	12.87567	0.357550	-38.113	14.1131
{5}-{8}	2*No	3*Yes	-29.6867	40.64760	0.469907	-112.124	52.7505

{5}-{9}	2*No	4*No	-17.6125	12.87567	0.179825	-43.726	8.5006
{5}-{10}	2*No	4*Yes	-32.7467	40.64760	0.425749	-115.184	49.6905
{6}-{7}	2*Yes	3*No	22.0917	40.64760	0.590141	-60.345	104.5288
{6}-{8}	2*Yes	3*Yes	4.4050	14.10459	0.756607	-24.200	33.0104
{6}-{9}	2*Yes	4*No	16.4792	40.64760	0.687572	-65.958	98.9163
{6}-{10}	2*Yes	4*Yes	1.3450	14.10459	0.924558	-27.260	29.9504
{7}-{8}	3*No	3*Yes	-17.6867	40.64760	0.666071	-100.124	64.7505
{7}-{9}	3*No	4*No	-5.6125	12.87567	0.665512	-31.726	20.5006
{7}-{10}	3*No	4*Yes	-20.7467	40.64760	0.612885	-103.184	61.6905
{8}-{9}	3*Yes	4*No	12.0742	40.64760	0.768139	-70.363	94.5113
{8}-{10}	3*Yes	4*Yes	-3.0600	14.10459	0.829472	-31.665	25.5454
{9}-{10}	4*No	4*Yes	-15.1342	40.64760	0.711833	-97.571	67.3030

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 518.53	{2} - 552.57	{3} - 520.95	{4} - 522.45	{5} - 553.45	{6} - 488.01	{7} - 495.90	{8} - 435.21	{9} - 527.54	{10} - 450.59
1	0	No		0.610683	0.950527	0.953156	0.374304	0.647910	0.563507	0.216803	0.817695	0.312161
2	0	Yes	0.610683		0.636249	0.483250	0.989530	0.137609	0.398211	0.009025	0.707940	0.021760
3	1	No	0.950527	0.636249		0.982120	0.408040	0.622134	0.522690	0.204003	0.866177	0.295455
4	1	Yes	0.953156	0.483250	0.982120		0.642861	0.423184	0.691108	0.047499	0.939193	0.099623
5	2	No	0.374304	0.989530	0.408040	0.642861		0.330076	0.146871	0.082868	0.508766	0.129439
6	2	Yes	0.647910	0.137609	0.622134	0.423184	0.330076		0.905848	0.222324	0.554576	0.384638
7	3	No	0.563507	0.398211	0.522690	0.691108	0.146871	0.905848		0.365909	0.420299	0.498557

8	3	Yes	0.216803	0.009025	0.204003	0.047499	0.082868	0.222324	0.365909		0.172133	0.719666
9	4	No	0.817695	0.707940	0.866177	0.939193	0.508766	0.554576	0.420299	0.172133		0.253259
10	4	Yes	0.312161	0.021760	0.295455	0.099623	0.129439	0.384638	0.498557	0.719666	0.253259	

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-34.0408	66.28140	0.610683	-168.466	100.3841
{1}-{3}	0*No	1*No	-2.4250	38.81294	0.950527	-81.141	76.2913
{1}-{4}	0*No	1*Yes	-3.9208	66.28140	0.953156	-138.346	130.5041
{1}-{5}	0*No	2*No	-34.9167	38.81294	0.374304	-113.633	43.7996
{1}-{6}	0*No	2*Yes	30.5242	66.28140	0.647910	-103.901	164.9491
{1}-{7}	0*No	3*No	22.6292	38.81294	0.563507	-56.087	101.3455
{1}-{8}	0*No	3*Yes	83.3242	66.28140	0.216803	-51.101	217.7491
{1}-{9}	0*No	4*No	-9.0125	38.81294	0.817695	-87.729	69.7038
{1}-{10}	0*No	4*Yes	67.9442	66.28140	0.312161	-66.481	202.3691
{2}-{3}	0*Yes	1*No	31.6158	66.28140	0.636249	-102.809	166.0408
{2}-{4}	0*Yes	1*Yes	30.1200	42.51744	0.483250	-56.109	116.3494
{2}-{5}	0*Yes	2*No	-0.8758	66.28140	0.989530	-135.301	133.5491
{2}-{6}	0*Yes	2*Yes	64.5650	42.51744	0.137609	-21.664	150.7944
{2}-{7}	0*Yes	3*No	56.6700	66.28140	0.398211	-77.755	191.0949
{2}-{8}	0*Yes	3*Yes	117.3650	42.51744	0.009025	31.136	203.5944

{2}-{9}	0*Yes	4*No	25.0283	66.28140	0.707940	-109.397	159.4533
{2}-{10}	0*Yes	4*Yes	101.9850	42.51744	0.021760	15.756	188.2144
{3}-{4}	1*No	1*Yes	-1.4958	66.28140	0.982120	-135.921	132.9291
{3}-{5}	1*No	2*No	-32.4917	38.81294	0.408040	-111.208	46.2246
{3}-{6}	1*No	2*Yes	32.9492	66.28140	0.622134	-101.476	167.3741
{3}-{7}	1*No	3*No	25.0542	38.81294	0.522690	-53.662	103.7705
{3}-{8}	1*No	3*Yes	85.7492	66.28140	0.204003	-48.676	220.1741
{3}-{9}	1*No	4*No	-6.5875	38.81294	0.866177	-85.304	72.1288
{3}-{10}	1*No	4*Yes	70.3692	66.28140	0.295455	-64.056	204.7941
{4}-{5}	1*Yes	2*No	-30.9958	66.28140	0.642861	-165.421	103.4291
{4}-{6}	1*Yes	2*Yes	34.4450	42.51744	0.423184	-51.784	120.6744
{4}-{7}	1*Yes	3*No	26.5500	66.28140	0.691108	-107.875	160.9749
{4}-{8}	1*Yes	3*Yes	87.2450	42.51744	0.047499	1.016	173.4744
{4}-{9}	1*Yes	4*No	-5.0917	66.28140	0.939193	-139.517	129.3333
{4}-{10}	1*Yes	4*Yes	71.8650	42.51744	0.099623	-14.364	158.0944
{5}-{6}	2*No	2*Yes	65.4408	66.28140	0.330076	-68.984	199.8658
{5}-{7}	2*No	3*No	57.5458	38.81294	0.146871	-21.170	136.2621
{5}-{8}	2*No	3*Yes	118.2408	66.28140	0.082868	-16.184	252.6658
{5}-{9}	2*No	4*No	25.9042	38.81294	0.508766	-52.812	104.6205
{5}-{10}	2*No	4*Yes	102.8608	66.28140	0.129439	-31.564	237.2858
{6}-{7}	2*Yes	3*No	-7.8950	66.28140	0.905848	-142.320	126.5299
{6}-{8}	2*Yes	3*Yes	52.8000	42.51744	0.222324	-33.429	139.0294
{6}-{9}	2*Yes	4*No	-39.5367	66.28140	0.554576	-173.962	94.8883
{6}-{10}	2*Yes	4*Yes	37.4200	42.51744	0.384638	-48.809	123.6494
{7}-{8}	3*No	3*Yes	60.6950	66.28140	0.365909	-73.730	195.1199
{7}-{9}	3*No	4*No	-31.6417	38.81294	0.420299	-110.358	47.0746

{7}-{10}	3*No	4*Yes	45.3150	66.28140	0.498557	-89.110	179.7399
{8}-{9}	3*Yes	4*No	-92.3367	66.28140	0.172133	-226.762	42.0883
{8}-{10}	3*Yes	4*Yes	-15.3800	42.51744	0.719666	-101.609	70.8494
{9}-{10}	4*No	4*Yes	76.9567	66.28140	0.253259	-57.468	211.3816

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 633.80	{2} - 580.86	{3} - 605.51	{4} - 583.47	{5} - 605.27	{6} - 453.25	{7} - 495.70	{8} - 488.07	{9} - 423.02	{10} - 462.60
1	0	No		0.515281	0.678042	0.536131	0.675410	0.031280	0.048395	0.078826	0.003565	0.040516
2	0	Yes	0.515281		0.761366	0.972020	0.763672	0.093363	0.297528	0.218183	0.057870	0.118942
3	1	No	0.678042	0.761366		0.785999	0.997118	0.066834	0.112938	0.153574	0.010495	0.084536
4	1	Yes	0.536131	0.972020	0.785999		0.788327	0.087093	0.283166	0.205757	0.054037	0.111268
5	2	No	0.675410	0.763672	0.997118	0.788327		0.067255	0.113719	0.154412	0.010591	0.085051
6	2	Yes	0.031280	0.093363	0.066834	0.087093	0.067255		0.601485	0.640977	0.709697	0.900207
7	3	No	0.048395	0.297528	0.112938	0.283166	0.113719	0.601485		0.925072	0.289375	0.683613
8	3	Yes	0.078826	0.218183	0.153574	0.205757	0.154412	0.640977	0.925072		0.424722	0.732837
9	4	No	0.003565	0.057870	0.010495	0.054037	0.010591	0.709697	0.289375	0.424722		0.626210
10	4	Yes	0.040516	0.118942	0.084536	0.111268	0.085051	0.900207	0.683613	0.732837	0.626210	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	52.9400	80.56329	0.515281	-110.450	216.3299
{1}-{3}	0*No	1*No	28.2875	67.58688	0.678042	-108.785	165.3600
{1}-{4}	0*No	1*Yes	50.3250	80.56329	0.536131	-113.065	213.7149
{1}-{5}	0*No	2*No	28.5333	67.58688	0.675410	-108.539	165.6059
{1}-{6}	0*No	2*Yes	180.5500	80.56329	0.031280	17.160	343.9399
{1}-{7}	0*No	3*No	138.1000	67.58688	0.048395	1.027	275.1725
{1}-{8}	0*No	3*Yes	145.7300	80.56329	0.078826	-17.660	309.1199
{1}-{9}	0*No	4*No	210.7792	67.58688	0.003565	73.707	347.8517
{1}-{10}	0*No	4*Yes	171.2000	80.56329	0.040516	7.810	334.5899
{2}-{3}	0*Yes	1*No	-24.6525	80.56329	0.761366	-188.042	138.7374
{2}-{4}	0*Yes	1*Yes	-2.6150	74.03772	0.972020	-152.770	147.5404
{2}-{5}	0*Yes	2*No	-24.4067	80.56329	0.763672	-187.797	138.9833
{2}-{6}	0*Yes	2*Yes	127.6100	74.03772	0.093363	-22.545	277.7654
{2}-{7}	0*Yes	3*No	85.1600	80.56329	0.297528	-78.230	248.5499
{2}-{8}	0*Yes	3*Yes	92.7900	74.03772	0.218183	-57.365	242.9454
{2}-{9}	0*Yes	4*No	157.8392	80.56329	0.057870	-5.551	321.2291
{2}-{10}	0*Yes	4*Yes	118.2600	74.03772	0.118942	-31.895	268.4154
{3}-{4}	1*No	1*Yes	22.0375	80.56329	0.785999	-141.352	185.4274
{3}-{5}	1*No	2*No	0.2458	67.58688	0.997118	-136.827	137.3184
{3}-{6}	1*No	2*Yes	152.2625	80.56329	0.066834	-11.127	315.6524
{3}-{7}	1*No	3*No	109.8125	67.58688	0.112938	-27.260	246.8850
{3}-{8}	1*No	3*Yes	117.4425	80.56329	0.153574	-45.947	280.8324
{3}-{9}	1*No	4*No	182.4917	67.58688	0.010495	45.419	319.5642
{3}-{10}	1*No	4*Yes	142.9125	80.56329	0.084536	-20.477	306.3024



{4}-{5}	1*Yes	2*No	-21.7917	80.56329	0.788327	-185.182	141.5983
{4}-{6}	1*Yes	2*Yes	130.2250	74.03772	0.087093	-19.930	280.3804
{4}-{7}	1*Yes	3*No	87.7750	80.56329	0.283166	-75.615	251.1649
{4}-{8}	1*Yes	3*Yes	95.4050	74.03772	0.205757	-54.750	245.5604
{4}-{9}	1*Yes	4*No	160.4542	80.56329	0.054037	-2.936	323.8441
{4}-{10}	1*Yes	4*Yes	120.8750	74.03772	0.111268	-29.280	271.0304
{5}-{6}	2*No	2*Yes	152.0167	80.56329	0.067255	-11.373	315.4066
{5}-{7}	2*No	3*No	109.5667	67.58688	0.113719	-27.506	246.6392
{5}-{8}	2*No	3*Yes	117.1967	80.56329	0.154412	-46.193	280.5866
{5}-{9}	2*No	4*No	182.2458	67.58688	0.010591	45.173	319.3184
{5}-{10}	2*No	4*Yes	142.6667	80.56329	0.085051	-20.723	306.0566
{6}-{7}	2*Yes	3*No	-42.4500	80.56329	0.601485	-205.840	120.9399
{6}-{8}	2*Yes	3*Yes	-34.8200	74.03772	0.640977	-184.975	115.3354
{6}-{9}	2*Yes	4*No	30.2292	80.56329	0.709697	-133.161	193.6191
{6}-{10}	2*Yes	4*Yes	-9.3500	74.03772	0.900207	-159.505	140.8054
{7}-{8}	3*No	3*Yes	7.6300	80.56329	0.925072	-155.760	171.0199
{7}-{9}	3*No	4*No	72.6792	67.58688	0.289375	-64.393	209.7517
{7}-{10}	3*No	4*Yes	33.1000	80.56329	0.683613	-130.290	196.4899
{8}-{9}	3*Yes	4*No	65.0492	80.56329	0.424722	-98.341	228.4391
{8}-{10}	3*Yes	4*Yes	25.4700	74.03772	0.732837	-124.685	175.6254
{9}-{10}	4*No	4*Yes	-39.5792	80.56329	0.626210	-202.969	123.8108

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 103.75	{2} - 68.935	{3} - 93.683	{4} - 68.090	{5} - 85.921	{6} - 64.190	{7} - 76.321	{8} - 69.850	{9} - 68.667	{10} - 69.165

Cell No.												
1	0	No	0.032665	0.194185	0.028909	0.024789	0.016129	0.000941	0.037218	0.000049	0.033760	
2	0	Yes	0.032665	0.123027	0.919848	0.285613	0.572871	0.640265	0.913234	0.986433	0.978148	
3	1	No	0.194185	0.123027	0.111151	0.314657	0.067935	0.028578	0.137031	0.002269	0.126433	
4	1	Yes	0.028909	0.919848	0.111151	0.262709	0.642823	0.602645	0.834029	0.970849	0.898142	
5	2	No	0.024789	0.285613	0.314657	0.262709	0.174063	0.215375	0.311961	0.029520	0.292084	
6	2	Yes	0.016129	0.572871	0.067935	0.642823	0.174063	0.443928	0.501634	0.776771	0.554502	
7	3	No	0.000941	0.640265	0.028578	0.602645	0.215375	0.443928	0.682115	0.321364	0.650680	
8	3	Yes	0.037218	0.913234	0.137031	0.834029	0.311961	0.501634	0.682115	0.940226	0.934986	
9	4	No	0.000049	0.986433	0.002269	0.970849	0.029520	0.776771	0.321364	0.940226	0.974807	
10	4	Yes	0.033760	0.978148	0.126433	0.898142	0.292084	0.554502	0.650680	0.934986	0.974807	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	34.8192	15.67096	0.032665	3.0370	66.60135
{1}-{3}	0*No	1*No	10.0708	7.61225	0.194185	-5.3675	25.50919
{1}-{4}	0*No	1*Yes	35.6642	15.67096	0.028909	3.8820	67.44635
{1}-{5}	0*No	2*No	17.8333	7.61225	0.024789	2.3950	33.27169
{1}-{6}	0*No	2*Yes	39.5642	15.67096	0.016129	7.7820	71.34635
{1}-{7}	0*No	3*No	27.4333	7.61225	0.000941	11.9950	42.87169
{1}-{8}	0*No	3*Yes	33.9042	15.67096	0.037218	2.1220	65.68635

{1}-{9}	0*No	4*No	35.0875	7.61225	0.000049	19.6491	50.52586
{1}-{10}	0*No	4*Yes	34.5892	15.67096	0.033760	2.8070	66.37135
{2}-{3}	0*Yes	1*No	-24.7483	15.67096	0.123027	-56.5305	7.03385
{2}-{4}	0*Yes	1*Yes	0.8450	8.33880	0.919848	-16.0669	17.75687
{2}-{5}	0*Yes	2*No	-16.9858	15.67096	0.285613	-48.7680	14.79635
{2}-{6}	0*Yes	2*Yes	4.7450	8.33880	0.572871	-12.1669	21.65687
{2}-{7}	0*Yes	3*No	-7.3858	15.67096	0.640265	-39.1680	24.39635
{2}-{8}	0*Yes	3*Yes	-0.9150	8.33880	0.913234	-17.8269	15.99687
{2}-{9}	0*Yes	4*No	0.2683	15.67096	0.986433	-31.5139	32.05052
{2}-{10}	0*Yes	4*Yes	-0.2300	8.33880	0.978148	-17.1419	16.68187
{3}-{4}	1*No	1*Yes	25.5933	15.67096	0.111151	-6.1889	57.37552
{3}-{5}	1*No	2*No	7.7625	7.61225	0.314657	-7.6759	23.20086
{3}-{6}	1*No	2*Yes	29.4933	15.67096	0.067935	-2.2889	61.27552
{3}-{7}	1*No	3*No	17.3625	7.61225	0.028578	1.9241	32.80086
{3}-{8}	1*No	3*Yes	23.8333	15.67096	0.137031	-7.9489	55.61552
{3}-{9}	1*No	4*No	25.0167	7.61225	0.002269	9.5783	40.45502
{3}-{10}	1*No	4*Yes	24.5183	15.67096	0.126433	-7.2639	56.30052
{4}-{5}	1*Yes	2*No	-17.8308	15.67096	0.262709	-49.6130	13.95135
{4}-{6}	1*Yes	2*Yes	3.9000	8.33880	0.642823	-13.0119	20.81187
{4}-{7}	1*Yes	3*No	-8.2308	15.67096	0.602645	-40.0130	23.55135
{4}-{8}	1*Yes	3*Yes	-1.7600	8.33880	0.834029	-18.6719	15.15187
{4}-{9}	1*Yes	4*No	-0.5767	15.67096	0.970849	-32.3589	31.20552
{4}-{10}	1*Yes	4*Yes	-1.0750	8.33880	0.898142	-17.9869	15.83687
{5}-{6}	2*No	2*Yes	21.7308	15.67096	0.174063	-10.0514	53.51302
{5}-{7}	2*No	3*No	9.6000	7.61225	0.215375	-5.8384	25.03836
{5}-{8}	2*No	3*Yes	16.0708	15.67096	0.311961	-15.7114	47.85302

{5}-{9}	2*No	4*No	17.2542	7.61225	0.029520	1.8158	32.69252
{5}-{10}	2*No	4*Yes	16.7558	15.67096	0.292084	-15.0264	48.53802
{6}-{7}	2*Yes	3*No	-12.1308	15.67096	0.443928	-43.9130	19.65135
{6}-{8}	2*Yes	3*Yes	-5.6600	8.33880	0.501634	-22.5719	11.25187
{6}-{9}	2*Yes	4*No	-4.4767	15.67096	0.776771	-36.2589	27.30552
{6}-{10}	2*Yes	4*Yes	-4.9750	8.33880	0.554502	-21.8869	11.93687
{7}-{8}	3*No	3*Yes	6.4708	15.67096	0.682115	-25.3114	38.25302
{7}-{9}	3*No	4*No	7.6542	7.61225	0.321364	-7.7842	23.09252
{7}-{10}	3*No	4*Yes	7.1558	15.67096	0.650680	-24.6264	38.93802
{8}-{9}	3*Yes	4*No	1.1833	15.67096	0.940226	-30.5989	32.96552
{8}-{10}	3*Yes	4*Yes	0.6850	8.33880	0.934986	-16.2269	17.59687
{9}-{10}	4*No	4*Yes	-0.4983	15.67096	0.974807	-32.2805	31.28385

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 23.525	{2} - 10.385	{3} - 20.450	{4} - 10.905	{5} - 17.800	{6} - 8.3850	{7} - 13.225	{8} - 7.3900	{9} - 29.308	{10} - 7.8000
1	0	No		0.208445	0.755057	0.226624	0.562008	0.148698	0.299358	0.124522	0.558049	0.134067
2	0	Yes	0.208445		0.333097	0.961563	0.474485	0.852982	0.783494	0.781453	0.073343	0.810733
3	1	No	0.755057	0.333097		0.358361	0.788002	0.247298	0.464918	0.211168	0.371162	0.225544
4	1	Yes	0.226624	0.961563	0.358361		0.505816	0.815402	0.822370	0.744782	0.081237	0.773650
5	2	No	0.562008	0.474485	0.788002	0.505816		0.364868	0.642807	0.317012	0.247104	0.336187
6	2	Yes	0.148698	0.852982	0.247298	0.815402	0.364868		0.639931	0.926531	0.048791	0.956763
7	3	No	0.299358	0.783494	0.464918	0.822370	0.642807	0.639931		0.573045	0.108831	0.600187

8	3	Yes	0.124522	0.781453	0.211168	0.744782	0.317012	0.926531	0.573045		0.039508	0.969689
9	4	No	0.558049	0.073343	0.371162	0.081237	0.247104	0.048791	0.108831	0.039508		0.043125
10	4	Yes	0.134067	0.810733	0.225544	0.773650	0.336187	0.956763	0.600187	0.969689	0.043125	

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	13.1400	10.25901	0.208445	-7.6662	33.94623
{1}-{3}	0*No	1*No	3.0750	9.78158	0.755057	-16.7630	22.91297
{1}-{4}	0*No	1*Yes	12.6200	10.25901	0.226624	-8.1862	33.42623
{1}-{5}	0*No	2*No	5.7250	9.78158	0.562008	-14.1130	25.56297
{1}-{6}	0*No	2*Yes	15.1400	10.25901	0.148698	-5.6662	35.94623
{1}-{7}	0*No	3*No	10.3000	9.78158	0.299358	-9.5380	30.13797
{1}-{8}	0*No	3*Yes	16.1350	10.25901	0.124522	-4.6712	36.94123
{1}-{9}	0*No	4*No	-5.7833	9.78158	0.558049	-25.6213	14.05463
{1}-{10}	0*No	4*Yes	15.7250	10.25901	0.134067	-5.0812	36.53123
{2}-{3}	0*Yes	1*No	-10.0650	10.25901	0.333097	-30.8712	10.74123
{2}-{4}	0*Yes	1*Yes	-0.5200	10.71518	0.961563	-22.2514	21.21140
{2}-{5}	0*Yes	2*No	-7.4150	10.25901	0.474485	-28.2212	13.39123
{2}-{6}	0*Yes	2*Yes	2.0000	10.71518	0.852982	-19.7314	23.73140
{2}-{7}	0*Yes	3*No	-2.8400	10.25901	0.783494	-23.6462	17.96623
{2}-{8}	0*Yes	3*Yes	2.9950	10.71518	0.781453	-18.7364	24.72640

{2}-{9}	0*Yes	4*No	-18.9233	10.25901	0.073343	-39.7296	1.88290
{2}-{10}	0*Yes	4*Yes	2.5850	10.71518	0.810733	-19.1464	24.31640
{3}-{4}	1*No	1*Yes	9.5450	10.25901	0.358361	-11.2612	30.35123
{3}-{5}	1*No	2*No	2.6500	9.78158	0.788002	-17.1880	22.48797
{3}-{6}	1*No	2*Yes	12.0650	10.25901	0.247298	-8.7412	32.87123
{3}-{7}	1*No	3*No	7.2250	9.78158	0.464918	-12.6130	27.06297
{3}-{8}	1*No	3*Yes	13.0600	10.25901	0.211168	-7.7462	33.86623
{3}-{9}	1*No	4*No	-8.8583	9.78158	0.371162	-28.6963	10.97963
{3}-{10}	1*No	4*Yes	12.6500	10.25901	0.225544	-8.1562	33.45623
{4}-{5}	1*Yes	2*No	-6.8950	10.25901	0.505816	-27.7012	13.91123
{4}-{6}	1*Yes	2*Yes	2.5200	10.71518	0.815402	-19.2114	24.25140
{4}-{7}	1*Yes	3*No	-2.3200	10.25901	0.822370	-23.1262	18.48623
{4}-{8}	1*Yes	3*Yes	3.5150	10.71518	0.744782	-18.2164	25.24640
{4}-{9}	1*Yes	4*No	-18.4033	10.25901	0.081237	-39.2096	2.40290
{4}-{10}	1*Yes	4*Yes	3.1050	10.71518	0.773650	-18.6264	24.83640
{5}-{6}	2*No	2*Yes	9.4150	10.25901	0.364868	-11.3912	30.22123
{5}-{7}	2*No	3*No	4.5750	9.78158	0.642807	-15.2630	24.41297
{5}-{8}	2*No	3*Yes	10.4100	10.25901	0.317012	-10.3962	31.21623
{5}-{9}	2*No	4*No	-11.5083	9.78158	0.247104	-31.3463	8.32963
{5}-{10}	2*No	4*Yes	10.0000	10.25901	0.336187	-10.8062	30.80623
{6}-{7}	2*Yes	3*No	-4.8400	10.25901	0.639931	-25.6462	15.96623
{6}-{8}	2*Yes	3*Yes	0.9950	10.71518	0.926531	-20.7364	22.72640
{6}-{9}	2*Yes	4*No	-20.9233	10.25901	0.048791	-41.7296	-0.11710
{6}-{10}	2*Yes	4*Yes	0.5850	10.71518	0.956763	-21.1464	22.31640
{7}-{8}	3*No	3*Yes	5.8350	10.25901	0.573045	-14.9712	26.64123
{7}-{9}	3*No	4*No	-16.0833	9.78158	0.108831	-35.9213	3.75463

{7}-{10}	3*No	4*Yes	5.4250	10.25901	0.600187	-15.3812	26.23123
{8}-{9}	3*Yes	4*No	-21.9183	10.25901	0.039508	-42.7246	-1.11210
{8}-{10}	3*Yes	4*Yes	-0.4100	10.71518	0.969689	-22.1414	21.32140
{9}-{10}	4*No	4*Yes	21.5083	10.25901	0.043125	0.7021	42.31457

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 45.271	{2} - 23.270	{3} - 40.221	{4} - 24.340	{5} - 36.167	{6} - 20.065	{7} - 27.633	{8} - 20.195	{9} - 22.042	{10} - 19.310
1	0	No		0.007185	0.247652	0.010197	0.041097	0.002402	0.000222	0.002514	0.000004	0.001839
2	0	Yes	0.007185		0.034616	0.821479	0.103433	0.500337	0.575387	0.517771	0.874452	0.405785
3	1	No	0.247652	0.034616		0.046945	0.351760	0.013071	0.005865	0.013620	0.000153	0.010264
4	1	Yes	0.010197	0.821479	0.046945		0.134219	0.369853	0.672166	0.384425	0.767601	0.292406
5	2	No	0.041097	0.103433	0.351760	0.134219		0.044123	0.054721	0.045766	0.002266	0.035572
6	2	Yes	0.002402	0.500337	0.013071	0.369853	0.044123		0.333382	0.978121	0.799344	0.873477
7	3	No	0.000222	0.575387	0.005865	0.672166	0.054721	0.333382		0.341645	0.201461	0.288066
8	3	Yes	0.002514	0.517771	0.013620	0.384425	0.045766	0.978121	0.341645		0.812275	0.851935
9	4	No	0.000004	0.874452	0.000153	0.767601	0.002266	0.799344	0.201461	0.812275		0.725481
10	4	Yes	0.001839	0.405785	0.010264	0.292406	0.035572	0.873477	0.288066	0.851935	0.725481	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	22.0008	7.718833	0.007185	6.3463	37.65535
{1}-{3}	0*No	1*No	5.0500	4.297355	0.247652	-3.6654	13.76544
{1}-{4}	0*No	1*Yes	20.9308	7.718833	0.010197	5.2763	36.58535
{1}-{5}	0*No	2*No	9.1042	4.297355	0.041097	0.3887	17.81961
{1}-{6}	0*No	2*Yes	25.2058	7.718833	0.002402	9.5513	40.86035
{1}-{7}	0*No	3*No	17.6375	4.297355	0.000222	8.9221	26.35294
{1}-{8}	0*No	3*Yes	25.0758	7.718833	0.002514	9.4213	40.73035
{1}-{9}	0*No	4*No	23.2292	4.297355	0.000004	14.5137	31.94461
{1}-{10}	0*No	4*Yes	25.9608	7.718833	0.001839	10.3063	41.61535
{2}-{3}	0*Yes	1*No	-16.9508	7.718833	0.034616	-32.6054	-1.29631
{2}-{4}	0*Yes	1*Yes	-1.0700	4.707516	0.821479	-10.6173	8.47729
{2}-{5}	0*Yes	2*No	-12.8967	7.718833	0.103433	-28.5512	2.75785
{2}-{6}	0*Yes	2*Yes	3.2050	4.707516	0.500337	-6.3423	12.75229
{2}-{7}	0*Yes	3*No	-4.3633	7.718833	0.575387	-20.0179	11.29119
{2}-{8}	0*Yes	3*Yes	3.0750	4.707516	0.517771	-6.4723	12.62229
{2}-{9}	0*Yes	4*No	1.2283	7.718833	0.874452	-14.4262	16.88285
{2}-{10}	0*Yes	4*Yes	3.9600	4.707516	0.405785	-5.5873	13.50729
{3}-{4}	1*No	1*Yes	15.8808	7.718833	0.046945	0.2263	31.53535
{3}-{5}	1*No	2*No	4.0542	4.297355	0.351760	-4.6613	12.76961
{3}-{6}	1*No	2*Yes	20.1558	7.718833	0.013071	4.5013	35.81035
{3}-{7}	1*No	3*No	12.5875	4.297355	0.005865	3.8721	21.30294
{3}-{8}	1*No	3*Yes	20.0258	7.718833	0.013620	4.3713	35.68035
{3}-{9}	1*No	4*No	18.1792	4.297355	0.000153	9.4637	26.89461
{3}-{10}	1*No	4*Yes	20.9108	7.718833	0.010264	5.2563	36.56535



{4}-{5}	1*Yes	2*No	-11.8267	7.718833	0.134219	-27.4812	3.82785
{4}-{6}	1*Yes	2*Yes	4.2750	4.707516	0.369853	-5.2723	13.82229
{4}-{7}	1*Yes	3*No	-3.2933	7.718833	0.672166	-18.9479	12.36119
{4}-{8}	1*Yes	3*Yes	4.1450	4.707516	0.384425	-5.4023	13.69229
{4}-{9}	1*Yes	4*No	2.2983	7.718833	0.767601	-13.3562	17.95285
{4}-{10}	1*Yes	4*Yes	5.0300	4.707516	0.292406	-4.5173	14.57729
{5}-{6}	2*No	2*Yes	16.1017	7.718833	0.044123	0.4471	31.75619
{5}-{7}	2*No	3*No	8.5333	4.297355	0.054721	-0.1821	17.24877
{5}-{8}	2*No	3*Yes	15.9717	7.718833	0.045766	0.3171	31.62619
{5}-{9}	2*No	4*No	14.1250	4.297355	0.002266	5.4096	22.84044
{5}-{10}	2*No	4*Yes	16.8567	7.718833	0.035572	1.2021	32.51119
{6}-{7}	2*Yes	3*No	-7.5683	7.718833	0.333382	-23.2229	8.08619
{6}-{8}	2*Yes	3*Yes	-0.1300	4.707516	0.978121	-9.6773	9.41729
{6}-{9}	2*Yes	4*No	-1.9767	7.718833	0.799344	-17.6312	13.67785
{6}-{10}	2*Yes	4*Yes	0.7550	4.707516	0.873477	-8.7923	10.30229
{7}-{8}	3*No	3*Yes	7.4383	7.718833	0.341645	-8.2162	23.09285
{7}-{9}	3*No	4*No	5.5917	4.297355	0.201461	-3.1238	14.30711
{7}-{10}	3*No	4*Yes	8.3233	7.718833	0.288066	-7.3312	23.97785
{8}-{9}	3*Yes	4*No	-1.8467	7.718833	0.812275	-17.5012	13.80785
{8}-{10}	3*Yes	4*Yes	0.8850	4.707516	0.851935	-8.6623	10.43229
{9}-{10}	4*No	4*Yes	2.7317	7.718833	0.725481	-12.9229	18.38619

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 21.317	{2} - 15.030	{3} - 20.175	{4} - 14.945	{5} - 20.108	{6} - 12.135	{7} - 16.121	{8} - 10.490	{9} - 12.204	{10} - 10.380

Cell No.												
1	0	No		0.016255	0.395563	0.014971	0.368845	0.000753	0.000388	0.000110	0.000000	0.000096
2	0	Yes	0.016255		0.046327	0.953721	0.049075	0.054181	0.664356	0.003539	0.264547	0.002890
3	1	No	0.395563	0.046327		0.043021	0.960232	0.002683	0.004238	0.000422	0.000001	0.000371
4	1	Yes	0.014971	0.953721	0.043021		0.045596	0.061264	0.640058	0.004133	0.278940	0.003381
5	2	No	0.368845	0.049075	0.960232	0.045596		0.002883	0.004837	0.000456	0.000001	0.000401
6	2	Yes	0.000753	0.054181	0.002683	0.061264	0.002883		0.118644	0.265539	0.978022	0.235450
7	3	No	0.000388	0.664356	0.004238	0.640058	0.004837	0.118644		0.030077	0.005559	0.027196
8	3	Yes	0.000110	0.003539	0.000422	0.004133	0.000456	0.265539	0.030077		0.496165	0.940134
9	4	No	0.000000	0.264547	0.000001	0.278940	0.000001	0.978022	0.005559	0.496165		0.469129
10	4	Yes	0.000096	0.002890	0.000371	0.003381	0.000401	0.235450	0.027196	0.940134	0.469129	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	6.28667	2.493281	0.016255	1.2301	11.34328
{1}-{3}	0*No	1*No	1.14167	1.327753	0.395563	-1.5511	3.83448
{1}-{4}	0*No	1*Yes	6.37167	2.493281	0.014971	1.3151	11.42828
{1}-{5}	0*No	2*No	1.20833	1.327753	0.368845	-1.4845	3.90114
{1}-{6}	0*No	2*Yes	9.18167	2.493281	0.000753	4.1251	14.23828
{1}-{7}	0*No	3*No	5.19583	1.327753	0.000388	2.5030	7.88864
{1}-{8}	0*No	3*Yes	10.82667	2.493281	0.000110	5.7701	15.88328

{1}-{9}	0*No	4*No	9.11250	1.327753	0.000000	6.4197	11.80531
{1}-{10}	0*No	4*Yes	10.93667	2.493281	0.000096	5.8801	15.99328
{2}-{3}	0*Yes	1*No	-5.14500	2.493281	0.046327	-10.2016	-0.08839
{2}-{4}	0*Yes	1*Yes	0.08500	1.454481	0.953721	-2.8648	3.03482
{2}-{5}	0*Yes	2*No	-5.07833	2.493281	0.049075	-10.1349	-0.02172
{2}-{6}	0*Yes	2*Yes	2.89500	1.454481	0.054181	-0.0548	5.84482
{2}-{7}	0*Yes	3*No	-1.09083	2.493281	0.664356	-6.1474	3.96578
{2}-{8}	0*Yes	3*Yes	4.54000	1.454481	0.003539	1.5902	7.48982
{2}-{9}	0*Yes	4*No	2.82583	2.493281	0.264547	-2.2308	7.88244
{2}-{10}	0*Yes	4*Yes	4.65000	1.454481	0.002890	1.7002	7.59982
{3}-{4}	1*No	1*Yes	5.23000	2.493281	0.043021	0.1734	10.28661
{3}-{5}	1*No	2*No	0.06667	1.327753	0.960232	-2.6261	2.75948
{3}-{6}	1*No	2*Yes	8.04000	2.493281	0.002683	2.9834	13.09661
{3}-{7}	1*No	3*No	4.05417	1.327753	0.004238	1.3614	6.74698
{3}-{8}	1*No	3*Yes	9.68500	2.493281	0.000422	4.6284	14.74161
{3}-{9}	1*No	4*No	7.97083	1.327753	0.000001	5.2780	10.66364
{3}-{10}	1*No	4*Yes	9.79500	2.493281	0.000371	4.7384	14.85161
{4}-{5}	1*Yes	2*No	-5.16333	2.493281	0.045596	-10.2199	-0.10672
{4}-{6}	1*Yes	2*Yes	2.81000	1.454481	0.061264	-0.1398	5.75982
{4}-{7}	1*Yes	3*No	-1.17583	2.493281	0.640058	-6.2324	3.88078
{4}-{8}	1*Yes	3*Yes	4.45500	1.454481	0.004133	1.5052	7.40482
{4}-{9}	1*Yes	4*No	2.74083	2.493281	0.278940	-2.3158	7.79744
{4}-{10}	1*Yes	4*Yes	4.56500	1.454481	0.003381	1.6152	7.51482
{5}-{6}	2*No	2*Yes	7.97333	2.493281	0.002883	2.9167	13.02994
{5}-{7}	2*No	3*No	3.98750	1.327753	0.004837	1.2947	6.68031
{5}-{8}	2*No	3*Yes	9.61833	2.493281	0.000456	4.5617	14.67494

{5}-{9}	2*No	4*No	7.90417	1.327753	0.000001	5.2114	10.59698
{5}-{10}	2*No	4*Yes	9.72833	2.493281	0.000401	4.6717	14.78494
{6}-{7}	2*Yes	3*No	-3.98583	2.493281	0.118644	-9.0424	1.07078
{6}-{8}	2*Yes	3*Yes	1.64500	1.454481	0.265539	-1.3048	4.59482
{6}-{9}	2*Yes	4*No	-0.06917	2.493281	0.978022	-5.1258	4.98744
{6}-{10}	2*Yes	4*Yes	1.75500	1.454481	0.235450	-1.1948	4.70482
{7}-{8}	3*No	3*Yes	5.63083	2.493281	0.030077	0.5742	10.68744
{7}-{9}	3*No	4*No	3.91667	1.327753	0.005559	1.2239	6.60948
{7}-{10}	3*No	4*Yes	5.74083	2.493281	0.027196	0.6842	10.79744
{8}-{9}	3*Yes	4*No	-1.71417	2.493281	0.496165	-6.7708	3.34244
{8}-{10}	3*Yes	4*Yes	0.11000	1.454481	0.940134	-2.8398	3.05982
{9}-{10}	4*No	4*Yes	1.82417	2.493281	0.469129	-3.2324	6.88078

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 49.750	{2} - 43.005	{3} - 48.596	{4} - 42.025	{5} - 47.646	{6} - 38.465	{7} - 44.858	{8} - 35.700	{9} - 40.217	{10} - 37.265
1	0	No		0.084344	0.641584	0.049481	0.397745	0.005277	0.054270	0.000721	0.000430	0.002274
2	0	Yes	0.084344		0.149892	0.718081	0.229905	0.100504	0.628694	0.010180	0.467825	0.039966
3	1	No	0.641584	0.149892		0.092336	0.701474	0.011420	0.137200	0.001691	0.001625	0.005113
4	1	Yes	0.049481	0.718081	0.092336		0.147780	0.194565	0.460726	0.024461	0.637026	0.085641
5	2	No	0.397745	0.229905	0.701474	0.147780		0.020887	0.264380	0.003334	0.004607	0.009694
6	2	Yes	0.005277	0.100504	0.011420	0.194565	0.020887		0.101124	0.311438	0.647585	0.658584
7	3	No	0.054270	0.628694	0.137200	0.460726	0.264380	0.101124		0.021180	0.067115	0.053279

8	3	Yes	0.000721	0.010180	0.001691	0.024461	0.003334	0.311438	0.021180		0.242364	0.564805
9	4	No	0.000430	0.467825	0.001625	0.637026	0.004607	0.647585	0.067115	0.242364		0.442362
10	4	Yes	0.002274	0.039966	0.005113	0.085641	0.009694	0.658584	0.053279	0.564805	0.442362	

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	6.74500	3.799869	0.084344	-0.9615	14.45149
{1}-{3}	0*No	1*No	1.15417	2.458587	0.641584	-3.8321	6.14041
{1}-{4}	0*No	1*Yes	7.72500	3.799869	0.049481	0.0185	15.43149
{1}-{5}	0*No	2*No	2.10417	2.458587	0.397745	-2.8821	7.09041
{1}-{6}	0*No	2*Yes	11.28500	3.799869	0.005277	3.5785	18.99149
{1}-{7}	0*No	3*No	4.89167	2.458587	0.054270	-0.0946	9.87791
{1}-{8}	0*No	3*Yes	14.05000	3.799869	0.000721	6.3435	21.75649
{1}-{9}	0*No	4*No	9.53333	2.458587	0.000430	4.5471	14.51958
{1}-{10}	0*No	4*Yes	12.48500	3.799869	0.002274	4.7785	20.19149
{2}-{3}	0*Yes	1*No	-5.59083	3.799869	0.149892	-13.2973	2.11566
{2}-{4}	0*Yes	1*Yes	0.98000	2.693248	0.718081	-4.4822	6.44216
{2}-{5}	0*Yes	2*No	-4.64083	3.799869	0.229905	-12.3473	3.06566
{2}-{6}	0*Yes	2*Yes	4.54000	2.693248	0.100504	-0.9222	10.00216
{2}-{7}	0*Yes	3*No	-1.85333	3.799869	0.628694	-9.5598	5.85316
{2}-{8}	0*Yes	3*Yes	7.30500	2.693248	0.010180	1.8428	12.76716

{2}-{9}	0*Yes	4*No	2.78833	3.799869	0.467825	-4.9182	10.49483
{2}-{10}	0*Yes	4*Yes	5.74000	2.693248	0.039966	0.2778	11.20216
{3}-{4}	1*No	1*Yes	6.57083	3.799869	0.092336	-1.1357	14.27733
{3}-{5}	1*No	2*No	0.95000	2.458587	0.701474	-4.0362	5.93625
{3}-{6}	1*No	2*Yes	10.13083	3.799869	0.011420	2.4243	17.83733
{3}-{7}	1*No	3*No	3.73750	2.458587	0.137200	-1.2487	8.72375
{3}-{8}	1*No	3*Yes	12.89583	3.799869	0.001691	5.1893	20.60233
{3}-{9}	1*No	4*No	8.37917	2.458587	0.001625	3.3929	13.36541
{3}-{10}	1*No	4*Yes	11.33083	3.799869	0.005113	3.6243	19.03733
{4}-{5}	1*Yes	2*No	-5.62083	3.799869	0.147780	-13.3273	2.08566
{4}-{6}	1*Yes	2*Yes	3.56000	2.693248	0.194565	-1.9022	9.02216
{4}-{7}	1*Yes	3*No	-2.83333	3.799869	0.460726	-10.5398	4.87316
{4}-{8}	1*Yes	3*Yes	6.32500	2.693248	0.024461	0.8628	11.78716
{4}-{9}	1*Yes	4*No	1.80833	3.799869	0.637026	-5.8982	9.51483
{4}-{10}	1*Yes	4*Yes	4.76000	2.693248	0.085641	-0.7022	10.22216
{5}-{6}	2*No	2*Yes	9.18083	3.799869	0.020887	1.4743	16.88733
{5}-{7}	2*No	3*No	2.78750	2.458587	0.264380	-2.1987	7.77375
{5}-{8}	2*No	3*Yes	11.94583	3.799869	0.003334	4.2393	19.65233
{5}-{9}	2*No	4*No	7.42917	2.458587	0.004607	2.4429	12.41541
{5}-{10}	2*No	4*Yes	10.38083	3.799869	0.009694	2.6743	18.08733
{6}-{7}	2*Yes	3*No	-6.39333	3.799869	0.101124	-14.0998	1.31316
{6}-{8}	2*Yes	3*Yes	2.76500	2.693248	0.311438	-2.6972	8.22716
{6}-{9}	2*Yes	4*No	-1.75167	3.799869	0.647585	-9.4582	5.95483
{6}-{10}	2*Yes	4*Yes	1.20000	2.693248	0.658584	-4.2622	6.66216
{7}-{8}	3*No	3*Yes	9.15833	3.799869	0.021180	1.4518	16.86483
{7}-{9}	3*No	4*No	4.64167	2.458587	0.067115	-0.3446	9.62791

{7}-{10}	3*No	4*Yes	7.59333	3.799869	0.053279	-0.1132	15.29983
{8}-{9}	3*Yes	4*No	-4.51667	3.799869	0.242364	-12.2232	3.18983
{8}-{10}	3*Yes	4*Yes	-1.56500	2.693248	0.564805	-7.0272	3.89716
{9}-{10}	4*No	4*Yes	2.95167	3.799869	0.442362	-4.7548	10.65816

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 42.054	{2} - 33.440	{3} - 41.546	{4} - 34.365	{5} - 41.504	{6} - 30.255	{7} - 34.775	{8} - 43.605	{9} - 30.062	{10} - 26.365
1	0	No		0.266448	0.933712	0.320377	0.928294	0.130812	0.238208	0.840106	0.055871	0.047098
2	0	Yes	0.266448		0.295224	0.890120	0.297676	0.634785	0.862108	0.135012	0.660712	0.294331
3	1	No	0.933712	0.295224		0.352989	0.994560	0.147692	0.271969	0.788829	0.066539	0.054308
4	1	Yes	0.320377	0.890120	0.352989		0.355756	0.540332	0.957450	0.173115	0.576386	0.236706
5	2	No	0.928294	0.297676	0.994560	0.355756		0.149149	0.274880	0.784665	0.067486	0.054940
6	2	Yes	0.130812	0.634785	0.147692	0.540332	0.149149		0.557351	0.052188	0.980015	0.562121
7	3	No	0.238208	0.862108	0.271969	0.957450	0.274880	0.557351		0.254859	0.442535	0.277755
8	3	Yes	0.840106	0.135012	0.788829	0.173115	0.784665	0.052188	0.254859		0.084420	0.013662
9	4	No	0.055871	0.660712	0.066539	0.576386	0.067486	0.980015	0.442535	0.084420		0.630952
10	4	Yes	0.047098	0.294331	0.054308	0.236706	0.054940	0.562121	0.277755	0.013662	0.630952	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	8.6142	7.631258	0.266448	-6.8627	24.09108
{1}-{3}	0*No	1*No	0.5083	6.069017	0.933712	-11.8002	12.81687
{1}-{4}	0*No	1*Yes	7.6892	7.631258	0.320377	-7.7877	23.16608
{1}-{5}	0*No	2*No	0.5500	6.069017	0.928294	-11.7585	12.85854
{1}-{6}	0*No	2*Yes	11.7992	7.631258	0.130812	-3.6777	27.27608
{1}-{7}	0*No	3*No	7.2792	6.069017	0.238208	-5.0294	19.58770
{1}-{8}	0*No	3*Yes	-1.5508	7.631258	0.840106	-17.0277	13.92608
{1}-{9}	0*No	4*No	11.9917	6.069017	0.055871	-0.3169	24.30020
{1}-{10}	0*No	4*Yes	15.6892	7.631258	0.047098	0.2123	31.16608
{2}-{3}	0*Yes	1*No	-8.1058	7.631258	0.295224	-23.5827	7.37108
{2}-{4}	0*Yes	1*Yes	-0.9250	6.648275	0.890120	-14.4083	12.55833
{2}-{5}	0*Yes	2*No	-8.0642	7.631258	0.297676	-23.5411	7.41274
{2}-{6}	0*Yes	2*Yes	3.1850	6.648275	0.634785	-10.2983	16.66833
{2}-{7}	0*Yes	3*No	-1.3350	7.631258	0.862108	-16.8119	14.14191
{2}-{8}	0*Yes	3*Yes	-10.1650	6.648275	0.135012	-23.6483	3.31833
{2}-{9}	0*Yes	4*No	3.3775	7.631258	0.660712	-12.0994	18.85441
{2}-{10}	0*Yes	4*Yes	7.0750	6.648275	0.294331	-6.4083	20.55833
{3}-{4}	1*No	1*Yes	7.1808	7.631258	0.352989	-8.2961	22.65774
{3}-{5}	1*No	2*No	0.0417	6.069017	0.994560	-12.2669	12.35020
{3}-{6}	1*No	2*Yes	11.2908	7.631258	0.147692	-4.1861	26.76774
{3}-{7}	1*No	3*No	6.7708	6.069017	0.271969	-5.5377	19.07937
{3}-{8}	1*No	3*Yes	-2.0592	7.631258	0.788829	-17.5361	13.41774
{3}-{9}	1*No	4*No	11.4833	6.069017	0.066539	-0.8252	23.79187
{3}-{10}	1*No	4*Yes	15.1808	7.631258	0.054308	-0.2961	30.65774



{4}-{5}	1*Yes	2*No	-7.1392	7.631258	0.355756	-22.6161	8.33774
{4}-{6}	1*Yes	2*Yes	4.1100	6.648275	0.540332	-9.3733	17.59333
{4}-{7}	1*Yes	3*No	-0.4100	7.631258	0.957450	-15.8869	15.06691
{4}-{8}	1*Yes	3*Yes	-9.2400	6.648275	0.173115	-22.7233	4.24333
{4}-{9}	1*Yes	4*No	4.3025	7.631258	0.576386	-11.1744	19.77941
{4}-{10}	1*Yes	4*Yes	8.0000	6.648275	0.236706	-5.4833	21.48333
{5}-{6}	2*No	2*Yes	11.2492	7.631258	0.149149	-4.2277	26.72608
{5}-{7}	2*No	3*No	6.7292	6.069017	0.274880	-5.5794	19.03770
{5}-{8}	2*No	3*Yes	-2.1008	7.631258	0.784665	-17.5777	13.37608
{5}-{9}	2*No	4*No	11.4417	6.069017	0.067486	-0.8669	23.75020
{5}-{10}	2*No	4*Yes	15.1392	7.631258	0.054940	-0.3377	30.61608
{6}-{7}	2*Yes	3*No	-4.5200	7.631258	0.557351	-19.9969	10.95691
{6}-{8}	2*Yes	3*Yes	-13.3500	6.648275	0.052188	-26.8333	0.13333
{6}-{9}	2*Yes	4*No	0.1925	7.631258	0.980015	-15.2844	15.66941
{6}-{10}	2*Yes	4*Yes	3.8900	6.648275	0.562121	-9.5933	17.37333
{7}-{8}	3*No	3*Yes	-8.8300	7.631258	0.254859	-24.3069	6.64691
{7}-{9}	3*No	4*No	4.7125	6.069017	0.442535	-7.5960	17.02104
{7}-{10}	3*No	4*Yes	8.4100	7.631258	0.277755	-7.0669	23.88691
{8}-{9}	3*Yes	4*No	13.5425	7.631258	0.084420	-1.9344	29.01941
{8}-{10}	3*Yes	4*Yes	17.2400	6.648275	0.013662	3.7567	30.72333
{9}-{10}	4*No	4*Yes	3.6975	7.631258	0.630952	-11.7794	19.17441

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 8.5167	{2} - 7.8350	{3} - 7.5708	{4} - 6.3000	{5} - 7.0667	{6} - 4.5950	{7} - 6.0542	{8} - 5.4000	{9} - 5.6333	{10} - 5.4750

Cell No.												
1	0	No		0.490831	0.227797	0.029722	0.068080	0.000297	0.002910	0.003004	0.000638	0.003686
2	0	Yes	0.490831		0.788883	0.077430	0.437814	0.000484	0.077306	0.006597	0.030773	0.008275
3	1	No	0.227797	0.788883		0.202625	0.517252	0.004404	0.056870	0.033039	0.016572	0.039183
4	1	Yes	0.029722	0.077430	0.202625		0.438800	0.050973	0.803209	0.293614	0.500359	0.335102
5	2	No	0.068080	0.437814	0.517252	0.438800		0.016154	0.197340	0.097382	0.071162	0.112804
6	2	Yes	0.000297	0.000484	0.004404	0.050973	0.016154		0.144913	0.346800	0.296056	0.304311
7	3	No	0.002910	0.077306	0.056870	0.803209	0.197340	0.144913		0.508377	0.588487	0.557923
8	3	Yes	0.003004	0.006597	0.033039	0.293614	0.097382	0.346800	0.508377		0.813017	0.929721
9	4	No	0.000638	0.030773	0.016572	0.500359	0.071162	0.296056	0.588487	0.813017		0.872456
10	4	Yes	0.003686	0.008275	0.039183	0.335102	0.112804	0.304311	0.557923	0.929721	0.872456	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	0.68167	0.979253	0.490831	-1.30435	2.667684
{1}-{3}	0*No	1*No	0.94583	0.770868	0.227797	-0.61756	2.509226
{1}-{4}	0*No	1*Yes	2.21667	0.979253	0.029722	0.23065	4.202684
{1}-{5}	0*No	2*No	1.45000	0.770868	0.068080	-0.11339	3.013393
{1}-{6}	0*No	2*Yes	3.92167	0.979253	0.000297	1.93565	5.907684
{1}-{7}	0*No	3*No	2.46250	0.770868	0.002910	0.89911	4.025893
{1}-{8}	0*No	3*Yes	3.11667	0.979253	0.003004	1.13065	5.102684

{1}-{9}	0*No	4*No	2.88333	0.770868	0.000638	1.31994	4.446726
{1}-{10}	0*No	4*Yes	3.04167	0.979253	0.003686	1.05565	5.027684
{2}-{3}	0*Yes	1*No	0.26417	0.979253	0.788883	-1.72185	2.250184
{2}-{4}	0*Yes	1*Yes	1.53500	0.844444	0.077430	-0.17761	3.247611
{2}-{5}	0*Yes	2*No	0.76833	0.979253	0.437814	-1.21768	2.754351
{2}-{6}	0*Yes	2*Yes	3.24000	0.844444	0.000484	1.52739	4.952611
{2}-{7}	0*Yes	3*No	1.78083	0.979253	0.077306	-0.20518	3.766851
{2}-{8}	0*Yes	3*Yes	2.43500	0.844444	0.006597	0.72239	4.147611
{2}-{9}	0*Yes	4*No	2.20167	0.979253	0.030773	0.21565	4.187684
{2}-{10}	0*Yes	4*Yes	2.36000	0.844444	0.008275	0.64739	4.072611
{3}-{4}	1*No	1*Yes	1.27083	0.979253	0.202625	-0.71518	3.256851
{3}-{5}	1*No	2*No	0.50417	0.770868	0.517252	-1.05923	2.067560
{3}-{6}	1*No	2*Yes	2.97583	0.979253	0.004404	0.98982	4.961851
{3}-{7}	1*No	3*No	1.51667	0.770868	0.056870	-0.04673	3.080060
{3}-{8}	1*No	3*Yes	2.17083	0.979253	0.033039	0.18482	4.156851
{3}-{9}	1*No	4*No	1.93750	0.770868	0.016572	0.37411	3.500893
{3}-{10}	1*No	4*Yes	2.09583	0.979253	0.039183	0.10982	4.081851
{4}-{5}	1*Yes	2*No	-0.76667	0.979253	0.438800	-2.75268	1.219351
{4}-{6}	1*Yes	2*Yes	1.70500	0.844444	0.050973	-0.00761	3.417611
{4}-{7}	1*Yes	3*No	0.24583	0.979253	0.803209	-1.74018	2.231851
{4}-{8}	1*Yes	3*Yes	0.90000	0.844444	0.293614	-0.81261	2.612611
{4}-{9}	1*Yes	4*No	0.66667	0.979253	0.500359	-1.31935	2.652684
{4}-{10}	1*Yes	4*Yes	0.82500	0.844444	0.335102	-0.88761	2.537611
{5}-{6}	2*No	2*Yes	2.47167	0.979253	0.016154	0.48565	4.457684
{5}-{7}	2*No	3*No	1.01250	0.770868	0.197340	-0.55089	2.575893
{5}-{8}	2*No	3*Yes	1.66667	0.979253	0.097382	-0.31935	3.652684

{5}-{9}	2*No	4*No	1.43333	0.770868	0.071162	-0.13006	2.996726
{5}-{10}	2*No	4*Yes	1.59167	0.979253	0.112804	-0.39435	3.577684
{6}-{7}	2*Yes	3*No	-1.45917	0.979253	0.144913	-3.44518	0.526851
{6}-{8}	2*Yes	3*Yes	-0.80500	0.844444	0.346800	-2.51761	0.907611
{6}-{9}	2*Yes	4*No	-1.03833	0.979253	0.296056	-3.02435	0.947684
{6}-{10}	2*Yes	4*Yes	-0.88000	0.844444	0.304311	-2.59261	0.832611
{7}-{8}	3*No	3*Yes	0.65417	0.979253	0.508377	-1.33185	2.640184
{7}-{9}	3*No	4*No	0.42083	0.770868	0.588487	-1.14256	1.984226
{7}-{10}	3*No	4*Yes	0.57917	0.979253	0.557923	-1.40685	2.565184
{8}-{9}	3*Yes	4*No	-0.23333	0.979253	0.813017	-2.21935	1.752684
{8}-{10}	3*Yes	4*Yes	-0.07500	0.844444	0.929721	-1.78761	1.637611
{9}-{10}	4*No	4*Yes	0.15833	0.979253	0.872456	-1.82768	2.144351

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 5.9917	{2} - 3.8650	{3} - 4.2250	{4} - 3.4800	{5} - 4.3583	{6} - 3.2000	{7} - 4.9083	{8} - 2.5850	{9} - 5.1250	{10} - 2.0050
1	0	No		0.179435	0.234522	0.114606	0.271054	0.080685	0.463259	0.034835	0.556807	0.014574
2	0	Yes	0.179435		0.818031	0.811287	0.752617	0.680275	0.506064	0.429147	0.422589	0.252873
3	1	No	0.234522	0.818031		0.634391	0.927800	0.513521	0.642851	0.298079	0.541813	0.161557
4	1	Yes	0.114606	0.811287	0.634391		0.575261	0.862116	0.363923	0.579525	0.296631	0.362926
5	2	No	0.271054	0.752617	0.927800	0.575261		0.460669	0.708826	0.261128	0.603018	0.138485
6	2	Yes	0.080685	0.680275	0.513521	0.862116	0.460669		0.278709	0.703078	0.223248	0.460172
7	3	No	0.463259	0.506064	0.642851	0.363923	0.708826	0.278709		0.143431	0.882949	0.069752

8	3	Yes	0.034835	0.429147	0.298079	0.579525	0.261128	0.703078	0.143431		0.110711	0.719208
9	4	No	0.556807	0.422589	0.541813	0.296631	0.603018	0.223248	0.882949	0.110711		0.052120
10	4	Yes	0.014574	0.252873	0.161557	0.362926	0.138485	0.460172	0.069752	0.719208	0.052120	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	2.12667	1.553277	0.179435	-1.02353	5.276858
{1}-{3}	0*No	1*No	1.76667	1.461194	0.234522	-1.19677	4.730105
{1}-{4}	0*No	1*Yes	2.51167	1.553277	0.114606	-0.63853	5.661858
{1}-{5}	0*No	2*No	1.63333	1.461194	0.271054	-1.33011	4.596772
{1}-{6}	0*No	2*Yes	2.79167	1.553277	0.080685	-0.35853	5.941858
{1}-{7}	0*No	3*No	1.08333	1.461194	0.463259	-1.88011	4.046772
{1}-{8}	0*No	3*Yes	3.40667	1.553277	0.034835	0.25647	6.556858
{1}-{9}	0*No	4*No	0.86667	1.461194	0.556807	-2.09677	3.830105
{1}-{10}	0*No	4*Yes	3.98667	1.553277	0.014574	0.83647	7.136858
{2}-{3}	0*Yes	1*No	-0.36000	1.553277	0.818031	-3.51019	2.790192
{2}-{4}	0*Yes	1*Yes	0.38500	1.600658	0.811287	-2.86128	3.631285
{2}-{5}	0*Yes	2*No	-0.49333	1.553277	0.752617	-3.64353	2.656858
{2}-{6}	0*Yes	2*Yes	0.66500	1.600658	0.680275	-2.58128	3.911285
{2}-{7}	0*Yes	3*No	-1.04333	1.553277	0.506064	-4.19353	2.106858
{2}-{8}	0*Yes	3*Yes	1.28000	1.600658	0.429147	-1.96628	4.526285

{2}-{9}	0*Yes	4*No	-1.26000	1.553277	0.422589	-4.41019	1.890192
{2}-{10}	0*Yes	4*Yes	1.86000	1.600658	0.252873	-1.38628	5.106285
{3}-{4}	1*No	1*Yes	0.74500	1.553277	0.634391	-2.40519	3.895192
{3}-{5}	1*No	2*No	-0.13333	1.461194	0.927800	-3.09677	2.830105
{3}-{6}	1*No	2*Yes	1.02500	1.553277	0.513521	-2.12519	4.175192
{3}-{7}	1*No	3*No	-0.68333	1.461194	0.642851	-3.64677	2.280105
{3}-{8}	1*No	3*Yes	1.64000	1.553277	0.298079	-1.51019	4.790192
{3}-{9}	1*No	4*No	-0.90000	1.461194	0.541813	-3.86344	2.063439
{3}-{10}	1*No	4*Yes	2.22000	1.553277	0.161557	-0.93019	5.370192
{4}-{5}	1*Yes	2*No	-0.87833	1.553277	0.575261	-4.02853	2.271858
{4}-{6}	1*Yes	2*Yes	0.28000	1.600658	0.862116	-2.96628	3.526285
{4}-{7}	1*Yes	3*No	-1.42833	1.553277	0.363923	-4.57853	1.721858
{4}-{8}	1*Yes	3*Yes	0.89500	1.600658	0.579525	-2.35128	4.141285
{4}-{9}	1*Yes	4*No	-1.64500	1.553277	0.296631	-4.79519	1.505192
{4}-{10}	1*Yes	4*Yes	1.47500	1.600658	0.362926	-1.77128	4.721285
{5}-{6}	2*No	2*Yes	1.15833	1.553277	0.460669	-1.99186	4.308525
{5}-{7}	2*No	3*No	-0.55000	1.461194	0.708826	-3.51344	2.413439
{5}-{8}	2*No	3*Yes	1.77333	1.553277	0.261128	-1.37686	4.923525
{5}-{9}	2*No	4*No	-0.76667	1.461194	0.603018	-3.73011	2.196772
{5}-{10}	2*No	4*Yes	2.35333	1.553277	0.138485	-0.79686	5.503525
{6}-{7}	2*Yes	3*No	-1.70833	1.553277	0.278709	-4.85853	1.441858
{6}-{8}	2*Yes	3*Yes	0.61500	1.600658	0.703078	-2.63128	3.861285
{6}-{9}	2*Yes	4*No	-1.92500	1.553277	0.223248	-5.07519	1.225192
{6}-{10}	2*Yes	4*Yes	1.19500	1.600658	0.460172	-2.05128	4.441285
{7}-{8}	3*No	3*Yes	2.32333	1.553277	0.143431	-0.82686	5.473525
{7}-{9}	3*No	4*No	-0.21667	1.461194	0.882949	-3.18011	2.746772

{7}-{10}	3*No	4*Yes	2.90333	1.553277	0.069752	-0.24686	6.053525
{8}-{9}	3*Yes	4*No	-2.54000	1.553277	0.110711	-5.69019	0.610192
{8}-{10}	3*Yes	4*Yes	0.58000	1.600658	0.719208	-2.66628	3.826285
{9}-{10}	4*No	4*Yes	3.12000	1.553277	0.052120	-0.03019	6.270192

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
Cell No.	Concentration_New	Obese (Y/N)	{1} - 81.500	{2} - 63.000	{3} - 77.417	{4} - 63.350	{5} - 73.250	{6} - 57.350	{7} - 67.208	{8} - 55.600	{9} - 63.375	{10} - 54.400
1	0	No		0.000000	0.056685	0.000000	0.000321	0.000000	0.000000	0.000000	0.000000	0.000000
2	0	Yes	0.000000		0.000000	0.878416	0.000039	0.017650	0.062105	0.002455	0.864735	0.000561
3	1	No	0.056685	0.000000		0.000000	0.052058	0.000000	0.000019	0.000000	0.000000	0.000000
4	1	Yes	0.000000	0.878416	0.000000		0.000063	0.012145	0.085997	0.001610	0.990937	0.000359
5	2	No	0.000321	0.000039	0.052058	0.000063		0.000000	0.006110	0.000000	0.000031	0.000000
6	2	Yes	0.000000	0.017650	0.000000	0.012145	0.000000		0.000066	0.446123	0.009112	0.202346
7	3	No	0.000000	0.062105	0.000019	0.085997	0.006110	0.000066		0.000006	0.072761	0.000001
8	3	Yes	0.000000	0.002455	0.000000	0.001610	0.000000	0.446123	0.000006		0.001072	0.600578
9	4	No	0.000000	0.864735	0.000000	0.990937	0.000031	0.009112	0.072761	0.001072		0.000221
10	4	Yes	0.000000	0.000561	0.000000	0.000359	0.000000	0.202346	0.000001	0.600578	0.000221	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	18.5000	2.185669	0.000000	14.0673	22.93274
{1}-{3}	0*No	1*No	4.0833	2.073783	0.056685	-0.1225	8.28916
{1}-{4}	0*No	1*Yes	18.1500	2.185669	0.000000	13.7173	22.58274
{1}-{5}	0*No	2*No	8.2500	2.073783	0.000321	4.0442	12.45583
{1}-{6}	0*No	2*Yes	24.1500	2.185669	0.000000	19.7173	28.58274
{1}-{7}	0*No	3*No	14.2917	2.073783	0.000000	10.0858	18.49749
{1}-{8}	0*No	3*Yes	25.9000	2.185669	0.000000	21.4673	30.33274
{1}-{9}	0*No	4*No	18.1250	2.073783	0.000000	13.9192	22.33083
{1}-{10}	0*No	4*Yes	27.1000	2.185669	0.000000	22.6673	31.53274
{2}-{3}	0*Yes	1*No	-14.4167	2.185669	0.000000	-18.8494	-9.98393
{2}-{4}	0*Yes	1*Yes	-0.3500	2.271715	0.878416	-4.9573	4.25725
{2}-{5}	0*Yes	2*No	-10.2500	2.185669	0.000039	-14.6827	-5.81726
{2}-{6}	0*Yes	2*Yes	5.6500	2.271715	0.017650	1.0427	10.25725
{2}-{7}	0*Yes	3*No	-4.2083	2.185669	0.062105	-8.6411	0.22441
{2}-{8}	0*Yes	3*Yes	7.4000	2.271715	0.002455	2.7927	12.00725
{2}-{9}	0*Yes	4*No	-0.3750	2.185669	0.864735	-4.8077	4.05774
{2}-{10}	0*Yes	4*Yes	8.6000	2.271715	0.000561	3.9927	13.20725
{3}-{4}	1*No	1*Yes	14.0667	2.185669	0.000000	9.6339	18.49941
{3}-{5}	1*No	2*No	4.1667	2.073783	0.052058	-0.0392	8.37249
{3}-{6}	1*No	2*Yes	20.0667	2.185669	0.000000	15.6339	24.49941
{3}-{7}	1*No	3*No	10.2083	2.073783	0.000019	6.0025	14.41416
{3}-{8}	1*No	3*Yes	21.8167	2.185669	0.000000	17.3839	26.24941
{3}-{9}	1*No	4*No	14.0417	2.073783	0.000000	9.8358	18.24749
{3}-{10}	1*No	4*Yes	23.0167	2.185669	0.000000	18.5839	27.44941



{4}-{5}	1*Yes	2*No	-9.9000	2.185669	0.000063	-14.3327	-5.46726
{4}-{6}	1*Yes	2*Yes	6.0000	2.271715	0.012145	1.3927	10.60725
{4}-{7}	1*Yes	3*No	-3.8583	2.185669	0.085997	-8.2911	0.57441
{4}-{8}	1*Yes	3*Yes	7.7500	2.271715	0.001610	3.1427	12.35725
{4}-{9}	1*Yes	4*No	-0.0250	2.185669	0.990937	-4.4577	4.40774
{4}-{10}	1*Yes	4*Yes	8.9500	2.271715	0.000359	4.3427	13.55725
{5}-{6}	2*No	2*Yes	15.9000	2.185669	0.000000	11.4673	20.33274
{5}-{7}	2*No	3*No	6.0417	2.073783	0.006110	1.8358	10.24749
{5}-{8}	2*No	3*Yes	17.6500	2.185669	0.000000	13.2173	22.08274
{5}-{9}	2*No	4*No	9.8750	2.073783	0.000031	5.6692	14.08083
{5}-{10}	2*No	4*Yes	18.8500	2.185669	0.000000	14.4173	23.28274
{6}-{7}	2*Yes	3*No	-9.8583	2.185669	0.000066	-14.2911	-5.42559
{6}-{8}	2*Yes	3*Yes	1.7500	2.271715	0.446123	-2.8573	6.35725
{6}-{9}	2*Yes	4*No	-6.0250	2.185669	0.009112	-10.4577	-1.59226
{6}-{10}	2*Yes	4*Yes	2.9500	2.271715	0.202346	-1.6573	7.55725
{7}-{8}	3*No	3*Yes	11.6083	2.185669	0.000006	7.1756	16.04107
{7}-{9}	3*No	4*No	3.8333	2.073783	0.072761	-0.3725	8.03916
{7}-{10}	3*No	4*Yes	12.8083	2.185669	0.000001	8.3756	17.24107
{8}-{9}	3*Yes	4*No	-7.7750	2.185669	0.001072	-12.2077	-3.34226
{8}-{10}	3*Yes	4*Yes	1.2000	2.271715	0.600578	-3.4073	5.80725
{9}-{10}	4*No	4*Yes	8.9750	2.185669	0.000221	4.5423	13.40774

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)												
Probabilities for Post Hoc Tests												
Effect: Concentration_New*Obese (Y/N)												
	Concentration_New	Obese (Y/N)	{1} - 18.500	{2} - 37.000	{3} - 22.583	{4} - 36.650	{5} - 25.917	{6} - 42.600	{7} - 32.792	{8} - 44.400	{9} - 36.625	{10} - 46.000

Cell No.												
1	0	No		0.000000	0.058308	0.000000	0.001088	0.000000	0.000000	0.000000	0.000000	0.000000
2	0	Yes	0.000000		0.000000	0.879238	0.000012	0.019357	0.062590	0.002607	0.864995	0.000365
3	1	No	0.058308	0.000000		0.000000	0.119139	0.000000	0.000021	0.000000	0.000000	0.000000
4	1	Yes	0.000000	0.879238	0.000000		0.000020	0.013393	0.086585	0.001716	0.990955	0.000233
5	2	No	0.001088	0.000012	0.119139	0.000020		0.000000	0.002231	0.000000	0.000010	0.000000
6	2	Yes	0.000000	0.019357	0.000000	0.013393	0.000000		0.000073	0.436460	0.009780	0.145862
7	3	No	0.000000	0.062590	0.000021	0.086585	0.002231	0.000073		0.000006	0.074647	0.000001
8	3	Yes	0.000000	0.002607	0.000000	0.001716	0.000000	0.436460	0.000006		0.001094	0.488727
9	4	No	0.000000	0.864995	0.000000	0.990955	0.000010	0.009780	0.074647	0.001094		0.000132
10	4	Yes	0.000000	0.000365	0.000000	0.000233	0.000000	0.145862	0.000001	0.488727	0.000132	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Obese (Y/N)							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-18.5000	2.189929	0.000000	-22.9414	-14.0586
{1}-{3}	0*No	1*No	-4.0833	2.088015	0.058308	-8.3180	0.1514
{1}-{4}	0*No	1*Yes	-18.1500	2.189929	0.000000	-22.5914	-13.7086
{1}-{5}	0*No	2*No	-7.4167	2.088015	0.001088	-11.6514	-3.1820
{1}-{6}	0*No	2*Yes	-24.1000	2.189929	0.000000	-28.5414	-19.6586
{1}-{7}	0*No	3*No	-14.2917	2.088015	0.000000	-18.5264	-10.0570
{1}-{8}	0*No	3*Yes	-25.9000	2.189929	0.000000	-30.3414	-21.4586

{1}-{9}	0*No	4*No	-18.1250	2.088015	0.000000	-22.3597	-13.8903
{1}-{10}	0*No	4*Yes	-27.5000	2.189929	0.000000	-31.9414	-23.0586
{2}-{3}	0*Yes	1*No	14.4167	2.189929	0.000000	9.9753	18.8580
{2}-{4}	0*Yes	1*Yes	0.3500	2.287306	0.879238	-4.2889	4.9889
{2}-{5}	0*Yes	2*No	11.0833	2.189929	0.000012	6.6420	15.5247
{2}-{6}	0*Yes	2*Yes	-5.6000	2.287306	0.019357	-10.2389	-0.9611
{2}-{7}	0*Yes	3*No	4.2083	2.189929	0.062590	-0.2330	8.6497
{2}-{8}	0*Yes	3*Yes	-7.4000	2.287306	0.002607	-12.0389	-2.7611
{2}-{9}	0*Yes	4*No	0.3750	2.189929	0.864995	-4.0664	4.8164
{2}-{10}	0*Yes	4*Yes	-9.0000	2.287306	0.000365	-13.6389	-4.3611
{3}-{4}	1*No	1*Yes	-14.0667	2.189929	0.000000	-18.5080	-9.6253
{3}-{5}	1*No	2*No	-3.3333	2.088015	0.119139	-7.5680	0.9014
{3}-{6}	1*No	2*Yes	-20.0167	2.189929	0.000000	-24.4580	-15.5753
{3}-{7}	1*No	3*No	-10.2083	2.088015	0.000021	-14.4430	-5.9736
{3}-{8}	1*No	3*Yes	-21.8167	2.189929	0.000000	-26.2580	-17.3753
{3}-{9}	1*No	4*No	-14.0417	2.088015	0.000000	-18.2764	-9.8070
{3}-{10}	1*No	4*Yes	-23.4167	2.189929	0.000000	-27.8580	-18.9753
{4}-{5}	1*Yes	2*No	10.7333	2.189929	0.000020	6.2920	15.1747
{4}-{6}	1*Yes	2*Yes	-5.9500	2.287306	0.013393	-10.5889	-1.3111
{4}-{7}	1*Yes	3*No	3.8583	2.189929	0.086585	-0.5830	8.2997
{4}-{8}	1*Yes	3*Yes	-7.7500	2.287306	0.001716	-12.3889	-3.1111
{4}-{9}	1*Yes	4*No	0.0250	2.189929	0.990955	-4.4164	4.4664
{4}-{10}	1*Yes	4*Yes	-9.3500	2.287306	0.000233	-13.9889	-4.7111
{5}-{6}	2*No	2*Yes	-16.6833	2.189929	0.000000	-21.1247	-12.2420
{5}-{7}	2*No	3*No	-6.8750	2.088015	0.002231	-11.1097	-2.6403
{5}-{8}	2*No	3*Yes	-18.4833	2.189929	0.000000	-22.9247	-14.0420

{5}-{9}	2*No	4*No	-10.7083	2.088015	0.000010	-14.9430	-6.4736
{5}-{10}	2*No	4*Yes	-20.0833	2.189929	0.000000	-24.5247	-15.6420
{6}-{7}	2*Yes	3*No	9.8083	2.189929	0.000073	5.3670	14.2497
{6}-{8}	2*Yes	3*Yes	-1.8000	2.287306	0.436460	-6.4389	2.8389
{6}-{9}	2*Yes	4*No	5.9750	2.189929	0.009780	1.5336	10.4164
{6}-{10}	2*Yes	4*Yes	-3.4000	2.287306	0.145862	-8.0389	1.2389
{7}-{8}	3*No	3*Yes	-11.6083	2.189929	0.000006	-16.0497	-7.1670
{7}-{9}	3*No	4*No	-3.8333	2.088015	0.074647	-8.0680	0.4014
{7}-{10}	3*No	4*Yes	-13.2083	2.189929	0.000001	-17.6497	-8.7670
{8}-{9}	3*Yes	4*No	7.7750	2.189929	0.001094	3.3336	12.2164
{8}-{10}	3*Yes	4*Yes	-1.6000	2.287306	0.488727	-6.2389	3.0389
{9}-{10}	4*No	4*Yes	-9.3750	2.189929	0.000132	-13.8164	-4.9336

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 81.500	{2} - 63.000	{3} - 77.417	{4} - 63.350	{5} - 73.250	{6} - 57.350	{7} - 67.208	{8} - 55.600	{9} - 63.375	{10} - 54.400
1	0	No		0.000000	0.056685	0.000000	0.000321	0.000000	0.000000	0.000000	0.000000	0.000000
2	0	Yes	0.000000		0.000000	0.878416	0.000039	0.017650	0.062105	0.002455	0.864735	0.000561
3	1	No	0.056685	0.000000		0.000000	0.052058	0.000000	0.000019	0.000000	0.000000	0.000000
4	1	Yes	0.000000	0.878416	0.000000		0.000063	0.012145	0.085997	0.001610	0.990937	0.000359
5	2	No	0.000321	0.000039	0.052058	0.000063		0.000000	0.006110	0.000000	0.000031	0.000000
6	2	Yes	0.000000	0.017650	0.000000	0.012145	0.000000		0.000066	0.446123	0.009112	0.202346
7	3	No	0.000000	0.062105	0.000019	0.085997	0.006110	0.000066		0.000006	0.072761	0.000001

8	3	Yes	0.000000	0.002455	0.000000	0.001610	0.000000	0.446123	0.000006		0.001072	0.600578
9	4	No	0.000000	0.864735	0.000000	0.990937	0.000031	0.009112	0.072761	0.001072		0.000221
10	4	Yes	0.000000	0.000561	0.000000	0.000359	0.000000	0.202346	0.000001	0.600578	0.000221	

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	18.5000	2.185669	0.000000	14.0673	22.93274
{1}-{3}	0*No	1*No	4.0833	2.073783	0.056685	-0.1225	8.28916
{1}-{4}	0*No	1*Yes	18.1500	2.185669	0.000000	13.7173	22.58274
{1}-{5}	0*No	2*No	8.2500	2.073783	0.000321	4.0442	12.45583
{1}-{6}	0*No	2*Yes	24.1500	2.185669	0.000000	19.7173	28.58274
{1}-{7}	0*No	3*No	14.2917	2.073783	0.000000	10.0858	18.49749
{1}-{8}	0*No	3*Yes	25.9000	2.185669	0.000000	21.4673	30.33274
{1}-{9}	0*No	4*No	18.1250	2.073783	0.000000	13.9192	22.33083
{1}-{10}	0*No	4*Yes	27.1000	2.185669	0.000000	22.6673	31.53274
{2}-{3}	0*Yes	1*No	-14.4167	2.185669	0.000000	-18.8494	-9.98393
{2}-{4}	0*Yes	1*Yes	-0.3500	2.271715	0.878416	-4.9573	4.25725
{2}-{5}	0*Yes	2*No	-10.2500	2.185669	0.000039	-14.6827	-5.81726
{2}-{6}	0*Yes	2*Yes	5.6500	2.271715	0.017650	1.0427	10.25725
{2}-{7}	0*Yes	3*No	-4.2083	2.185669	0.062105	-8.6411	0.22441
{2}-{8}	0*Yes	3*Yes	7.4000	2.271715	0.002455	2.7927	12.00725

{2}-{9}	0*Yes	4*No	-0.3750	2.185669	0.864735	-4.8077	4.05774
{2}-{10}	0*Yes	4*Yes	8.6000	2.271715	0.000561	3.9927	13.20725
{3}-{4}	1*No	1*Yes	14.0667	2.185669	0.000000	9.6339	18.49941
{3}-{5}	1*No	2*No	4.1667	2.073783	0.052058	-0.0392	8.37249
{3}-{6}	1*No	2*Yes	20.0667	2.185669	0.000000	15.6339	24.49941
{3}-{7}	1*No	3*No	10.2083	2.073783	0.000019	6.0025	14.41416
{3}-{8}	1*No	3*Yes	21.8167	2.185669	0.000000	17.3839	26.24941
{3}-{9}	1*No	4*No	14.0417	2.073783	0.000000	9.8358	18.24749
{3}-{10}	1*No	4*Yes	23.0167	2.185669	0.000000	18.5839	27.44941
{4}-{5}	1*Yes	2*No	-9.9000	2.185669	0.000063	-14.3327	-5.46726
{4}-{6}	1*Yes	2*Yes	6.0000	2.271715	0.012145	1.3927	10.60725
{4}-{7}	1*Yes	3*No	-3.8583	2.185669	0.085997	-8.2911	0.57441
{4}-{8}	1*Yes	3*Yes	7.7500	2.271715	0.001610	3.1427	12.35725
{4}-{9}	1*Yes	4*No	-0.0250	2.185669	0.990937	-4.4577	4.40774
{4}-{10}	1*Yes	4*Yes	8.9500	2.271715	0.000359	4.3427	13.55725
{5}-{6}	2*No	2*Yes	15.9000	2.185669	0.000000	11.4673	20.33274
{5}-{7}	2*No	3*No	6.0417	2.073783	0.006110	1.8358	10.24749
{5}-{8}	2*No	3*Yes	17.6500	2.185669	0.000000	13.2173	22.08274
{5}-{9}	2*No	4*No	9.8750	2.073783	0.000031	5.6692	14.08083
{5}-{10}	2*No	4*Yes	18.8500	2.185669	0.000000	14.4173	23.28274
{6}-{7}	2*Yes	3*No	-9.8583	2.185669	0.000066	-14.2911	-5.42559
{6}-{8}	2*Yes	3*Yes	1.7500	2.271715	0.446123	-2.8573	6.35725
{6}-{9}	2*Yes	4*No	-6.0250	2.185669	0.009112	-10.4577	-1.59226
{6}-{10}	2*Yes	4*Yes	2.9500	2.271715	0.202346	-1.6573	7.55725
{7}-{8}	3*No	3*Yes	11.6083	2.185669	0.000006	7.1756	16.04107
{7}-{9}	3*No	4*No	3.8333	2.073783	0.072761	-0.3725	8.03916

{7}-{10}	3*No	4*Yes	12.8083	2.185669	0.000001	8.3756	17.24107
{8}-{9}	3*Yes	4*No	-7.7750	2.185669	0.001072	-12.2077	-3.34226
{8}-{10}	3*Yes	4*Yes	1.2000	2.271715	0.600578	-3.4073	5.80725
{9}-{10}	4*No	4*Yes	8.9750	2.185669	0.000221	4.5423	13.40774

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 19.961	{2} - 18.963	{3} - 19.925	{4} - 20.817	{5} - 18.576	{6} - 23.287	{7} - 24.285	{8} - 22.587	{9} - 22.581	{10} - 21.501	{11} - 25.545	{12} - 25.928	{13} - 19.674	{14} - 19.775	{15} - 23.065	{16} - 25.966	{17} - 23.044	{18} - 20.973	{19} - 23.299	{20} - 23.800
1	0	30		0.751582	0.990874	0.786043	0.657711	0.316056	0.193002	0.428308	0.402459	0.641870	0.093521	0.073352	0.926681	0.955233	0.349317	0.071579	0.324850	0.759857	0.314300	0.247466
2	0	60	0.751582		0.760272	0.556740	0.906942	0.168158	0.109741	0.274842	0.275515	0.417269	0.048559	0.037052	0.830019	0.794912	0.216735	0.036060	0.219046	0.520411	0.191795	0.145702
3	0	120	0.990874	0.760272		0.777265	0.683685	0.310859	0.164637	0.422009	0.422896	0.634100	0.074023	0.071654	0.939432	0.963914	0.316061	0.069916	0.346943	0.751581	0.281475	0.243078
4	0	180	0.786043	0.556740	0.777265		0.498772	0.456123	0.295844	0.571522	0.594256	0.836258	0.154914	0.103840	0.729803	0.753015	0.497529	0.101346	0.501486	0.962407	0.453917	0.340728
5	1	30	0.657711	0.906942	0.683685	0.498772		0.136943	0.072072	0.204878	0.201477	0.377596	0.036946	0.027894	0.725481	0.717173	0.176716	0.027119	0.154522	0.469427	0.155365	0.116388
6	1	60	0.316056	0.168158	0.310859	0.456123	0.136943		0.751509	0.824230	0.831252	0.568024	0.495461	0.425485	0.276207	0.262409	0.946523	0.418935	0.941550	0.459589	0.997073	0.876779
7	1	120	0.193002	0.109741	0.164637	0.295844	0.072072	0.751509		0.590218	0.606903	0.400999	0.686913	0.619840	0.165244	0.174696	0.696201	0.611850	0.707749	0.318007	0.752321	0.883448
8	1	180	0.428308	0.274842	0.422009	0.571522	0.204878	0.824230	0.590218		0.998771	0.743092	0.372179	0.286054	0.379624	0.396443	0.885110	0.280686	0.890045	0.626145	0.829593	0.697849
9	2	30	0.402459	0.275515	0.422896	0.594256	0.201477	0.831252	0.606903	0.998771		0.731984	0.348056	0.289569	0.352986	0.397298	0.883894	0.307602	0.882292	0.627235	0.828393	0.712819
10	2	60	0.641870	0.417269	0.634100	0.836258	0.377596	0.568024	0.400999	0.743092	0.731984		0.201148	0.161996	0.581070	0.580976	0.636844	0.179046	0.641304	0.865791	0.587306	0.487825
11	2	120	0.093521	0.048559	0.074023	0.154914	0.036946	0.495461	0.686913	0.372179	0.348056	0.201148		0.903330	0.078003	0.083232	0.427940	0.898893	0.450408	0.168875	0.472723	0.598232
12	2	180	0.073352	0.037052	0.071654	0.103840	0.027894	0.425485	0.619840	0.286054	0.289569	0.161996	0.903330		0.060696	0.064947	0.387738	0.990387	0.384330	0.136215	0.427611	0.496280
13	3	30	0.926681	0.830019	0.939432	0.729803	0.725481	0.276207	0.165244	0.379624	0.352986	0.581070	0.078003	0.060696		0.974253	0.283258	0.047764	0.281949	0.694703	0.274604	0.214006
14	3	60	0.955233	0.794912	0.963914	0.753015	0.717173	0.262409	0.174696	0.396443	0.397298	0.580976	0.083232	0.064947	0.974253		0.297885	0.051420	0.324371	0.701589	0.288234	0.225447
15	3	120	0.349317	0.216735	0.316061	0.497529	0.176716	0.946523	0.696201	0.885110	0.883894	0.636844	0.427940	0.387738	0.283258	0.297885		0.358332	0.995015	0.527794	0.940269	0.824226

16	3	180	0.071579	0.036060	0.069916	0.101346	0.027119	0.418935	0.611850	0.280686	0.307602	0.179046	0.898893	0.990387	0.047764	0.051420	0.358332	0.378174	0.133290	0.421041	0.488707
17	4	30	0.324850	0.219046	0.346943	0.501486	0.154522	0.941550	0.707749	0.890045	0.882292	0.641304	0.450408	0.384330	0.281949	0.324371	0.995015	0.378174	0.511648	0.935576	0.810526
18	4	60	0.759857	0.520411	0.751581	0.962407	0.469427	0.459589	0.318007	0.626145	0.627235	0.865791	0.168875	0.136215	0.694703	0.701589	0.527794	0.133290	0.511648	0.461207	0.370712
19	4	120	0.314300	0.191795	0.281475	0.453917	0.155365	0.997073	0.752321	0.829593	0.828393	0.587306	0.472723	0.427611	0.274604	0.288234	0.940269	0.421041	0.935576	0.461207	0.873719
20	4	180	0.247466	0.145702	0.243078	0.340728	0.116388	0.876779	0.883448	0.697849	0.712819	0.487825	0.598232	0.496280	0.214006	0.225447	0.824226	0.488707	0.810526	0.370712	0.873719

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	0.99824	3.146244	0.751582	-5.2311	7.22759
{1}-{3}	0*30	0*120	0.03606	3.146244	0.990874	-6.1933	6.26540
{1}-{4}	0*30	0*180	-0.85597	3.146244	0.786043	-7.0853	5.37337
{1}-{5}	0*30	1*30	1.38519	3.118520	0.657711	-4.7893	7.55964
{1}-{6}	0*30	1*60	-3.32566	3.303192	0.316056	-9.8658	3.21443
{1}-{7}	0*30	1*120	-4.32420	3.303192	0.193002	-10.8643	2.21589
{1}-{8}	0*30	1*180	-2.62533	3.303192	0.428308	-9.1654	3.91477
{1}-{9}	0*30	2*30	-2.62023	3.118520	0.402459	-8.7947	3.55423
{1}-{10}	0*30	2*60	-1.54017	3.303192	0.641870	-8.0803	4.99992
{1}-{11}	0*30	2*120	-5.58417	3.303192	0.093521	-12.1243	0.95592
{1}-{12}	0*30	2*180	-5.96711	3.303192	0.073352	-12.5072	0.57299
{1}-{13}	0*30	3*30	0.28758	3.118520	0.926681	-5.8869	6.46203
{1}-{14}	0*30	3*60	0.18582	3.303192	0.955233	-6.3543	6.72591



{1}-{15}	0*30	3*120	-3.10364	3.303192	0.349317	-9.6437	3.43645
{1}-{16}	0*30	3*180	-6.00476	3.303192	0.071579	-12.5448	0.53533
{1}-{17}	0*30	4*30	-3.08295	3.118520	0.324850	-9.2574	3.09150
{1}-{18}	0*30	4*60	-1.01198	3.303192	0.759857	-7.5521	5.52811
{1}-{19}	0*30	4*120	-3.33780	3.303192	0.314300	-9.8779	3.20229
{1}-{20}	0*30	4*180	-3.83892	3.303192	0.247466	-10.3790	2.70117
{2}-{3}	0*60	0*120	-0.96218	3.146244	0.760272	-7.1915	5.26716
{2}-{4}	0*60	0*180	-1.85421	3.146244	0.556740	-8.0836	4.37513
{2}-{5}	0*60	1*30	0.38695	3.303192	0.906942	-6.1531	6.92704
{2}-{6}	0*60	1*60	-4.32390	3.118520	0.168158	-10.4984	1.85055
{2}-{7}	0*60	1*120	-5.32245	3.303192	0.109741	-11.8625	1.21764
{2}-{8}	0*60	1*180	-3.62357	3.303192	0.274842	-10.1637	2.91652
{2}-{9}	0*60	2*30	-3.61847	3.303192	0.275515	-10.1586	2.92162
{2}-{10}	0*60	2*60	-2.53841	3.118520	0.417269	-8.7129	3.63604
{2}-{11}	0*60	2*120	-6.58241	3.303192	0.048559	-13.1225	-0.04232
{2}-{12}	0*60	2*180	-6.96535	3.303192	0.037052	-13.5054	-0.42526
{2}-{13}	0*60	3*30	-0.71067	3.303192	0.830019	-7.2508	5.82942
{2}-{14}	0*60	3*60	-0.81242	3.118520	0.794912	-6.9869	5.36203
{2}-{15}	0*60	3*120	-4.10188	3.303192	0.216735	-10.6420	2.43821
{2}-{16}	0*60	3*180	-7.00300	3.303192	0.036060	-13.5431	-0.46291
{2}-{17}	0*60	4*30	-4.08120	3.303192	0.219046	-10.6213	2.45889
{2}-{18}	0*60	4*60	-2.01023	3.118520	0.520411	-8.1847	4.16423
{2}-{19}	0*60	4*120	-4.33605	3.303192	0.191795	-10.8761	2.20405
{2}-{20}	0*60	4*180	-4.83717	3.303192	0.145702	-11.3773	1.70292
{3}-{4}	0*120	0*180	-0.89203	3.146244	0.777265	-7.1214	5.33731
{3}-{5}	0*120	1*30	1.34913	3.303192	0.683685	-5.1910	7.88922

{3}-{6}	0*120	1*60	-3.36172	3.303192	0.310859	-9.9018	3.17837
{3}-{7}	0*120	1*120	-4.36027	3.118520	0.164637	-10.5347	1.81419
{3}-{8}	0*120	1*180	-2.66139	3.303192	0.422009	-9.2015	3.87870
{3}-{9}	0*120	2*30	-2.65629	3.303192	0.422896	-9.1964	3.88380
{3}-{10}	0*120	2*60	-1.57623	3.303192	0.634100	-8.1163	4.96386
{3}-{11}	0*120	2*120	-5.62023	3.118520	0.074023	-11.7947	0.55423
{3}-{12}	0*120	2*180	-6.00317	3.303192	0.071654	-12.5433	0.53692
{3}-{13}	0*120	3*30	0.25152	3.303192	0.939432	-6.2886	6.79161
{3}-{14}	0*120	3*60	0.14976	3.303192	0.963914	-6.3903	6.68985
{3}-{15}	0*120	3*120	-3.13970	3.118520	0.316061	-9.3141	3.03476
{3}-{16}	0*120	3*180	-6.04082	3.303192	0.069916	-12.5809	0.49927
{3}-{17}	0*120	4*30	-3.11902	3.303192	0.346943	-9.6591	3.42108
{3}-{18}	0*120	4*60	-1.04805	3.303192	0.751581	-7.5881	5.49205
{3}-{19}	0*120	4*120	-3.37386	3.118520	0.281475	-9.5483	2.80059
{3}-{20}	0*120	4*180	-3.87498	3.303192	0.243078	-10.4151	2.66511
{4}-{5}	0*180	1*30	2.24116	3.303192	0.498772	-4.2989	8.78125
{4}-{6}	0*180	1*60	-2.46969	3.303192	0.456123	-9.0098	4.07040
{4}-{7}	0*180	1*120	-3.46823	3.303192	0.295844	-10.0083	3.07186
{4}-{8}	0*180	1*180	-1.76936	3.118520	0.571522	-7.9438	4.40510
{4}-{9}	0*180	2*30	-1.76426	3.303192	0.594256	-8.3043	4.77583
{4}-{10}	0*180	2*60	-0.68420	3.303192	0.836258	-7.2243	5.85589
{4}-{11}	0*180	2*120	-4.72820	3.303192	0.154914	-11.2683	1.81189
{4}-{12}	0*180	2*180	-5.11114	3.118520	0.103840	-11.2856	1.06332
{4}-{13}	0*180	3*30	1.14355	3.303192	0.729803	-5.3965	7.68364
{4}-{14}	0*180	3*60	1.04179	3.303192	0.753015	-5.4983	7.58188
{4}-{15}	0*180	3*120	-2.24767	3.303192	0.497529	-8.7878	4.29242

{4}-{16}	0*180	3*180	-5.14879	3.118520	0.101346	-11.3232	1.02566
{4}-{17}	0*180	4*30	-2.22698	3.303192	0.501486	-8.7671	4.31311
{4}-{18}	0*180	4*60	-0.15602	3.303192	0.962407	-6.6961	6.38408
{4}-{19}	0*180	4*120	-2.48183	3.303192	0.453917	-9.0219	4.05826
{4}-{20}	0*180	4*180	-2.98295	3.118520	0.340728	-9.1574	3.19150
{5}-{6}	1*30	1*60	-4.71085	3.146244	0.136943	-10.9402	1.51849
{5}-{7}	1*30	1*120	-5.70939	3.146244	0.072072	-11.9387	0.51995
{5}-{8}	1*30	1*180	-4.01052	3.146244	0.204878	-10.2399	2.21883
{5}-{9}	1*30	2*30	-4.00542	3.118520	0.201477	-10.1799	2.16904
{5}-{10}	1*30	2*60	-2.92536	3.303192	0.377596	-9.4654	3.61474
{5}-{11}	1*30	2*120	-6.96936	3.303192	0.036946	-13.5094	-0.42926
{5}-{12}	1*30	2*180	-7.35230	3.303192	0.027894	-13.8924	-0.81220
{5}-{13}	1*30	3*30	-1.09761	3.118520	0.725481	-7.2721	5.07684
{5}-{14}	1*30	3*60	-1.19937	3.303192	0.717173	-7.7395	5.34072
{5}-{15}	1*30	3*120	-4.48883	3.303192	0.176716	-11.0289	2.05127
{5}-{16}	1*30	3*180	-7.38995	3.303192	0.027119	-13.9300	-0.84986
{5}-{17}	1*30	4*30	-4.46814	3.118520	0.154522	-10.6426	1.70631
{5}-{18}	1*30	4*60	-2.39717	3.303192	0.469427	-8.9373	4.14292
{5}-{19}	1*30	4*120	-4.72299	3.303192	0.155365	-11.2631	1.81710
{5}-{20}	1*30	4*180	-5.22411	3.303192	0.116388	-11.7642	1.31598
{6}-{7}	1*60	1*120	-0.99855	3.146244	0.751509	-7.2279	5.23080
{6}-{8}	1*60	1*180	0.70033	3.146244	0.824230	-5.5290	6.92968
{6}-{9}	1*60	2*30	0.70543	3.303192	0.831252	-5.8347	7.24552
{6}-{10}	1*60	2*60	1.78549	3.118520	0.568024	-4.3890	7.95994
{6}-{11}	1*60	2*120	-2.25851	3.303192	0.495461	-8.7986	4.28158
{6}-{12}	1*60	2*180	-2.64145	3.303192	0.425485	-9.1815	3.89864

{6}-{13}	1*60	3*30	3.61323	3.303192	0.276207	-2.9269	10.15333
{6}-{14}	1*60	3*60	3.51148	3.118520	0.262409	-2.6630	9.68593
{6}-{15}	1*60	3*120	0.22202	3.303192	0.946523	-6.3181	6.76211
{6}-{16}	1*60	3*180	-2.67910	3.303192	0.418935	-9.2192	3.86099
{6}-{17}	1*60	4*30	0.24270	3.303192	0.941550	-6.2974	6.78280
{6}-{18}	1*60	4*60	2.31367	3.118520	0.459589	-3.8608	8.48813
{6}-{19}	1*60	4*120	-0.01214	3.303192	0.997073	-6.5522	6.52795
{6}-{20}	1*60	4*180	-0.51327	3.303192	0.876779	-7.0534	6.02683
{7}-{8}	1*120	1*180	1.69888	3.146244	0.590218	-4.5305	7.92822
{7}-{9}	1*120	2*30	1.70398	3.303192	0.606903	-4.8361	8.24407
{7}-{10}	1*120	2*60	2.78404	3.303192	0.400999	-3.7561	9.32413
{7}-{11}	1*120	2*120	-1.25996	3.118520	0.686913	-7.4344	4.91449
{7}-{12}	1*120	2*180	-1.64290	3.303192	0.619840	-8.1830	4.89719
{7}-{13}	1*120	3*30	4.61178	3.303192	0.165244	-1.9283	11.15187
{7}-{14}	1*120	3*60	4.51002	3.303192	0.174696	-2.0301	11.05011
{7}-{15}	1*120	3*120	1.22057	3.118520	0.696201	-4.9539	7.39502
{7}-{16}	1*120	3*180	-1.68055	3.303192	0.611850	-8.2206	4.85954
{7}-{17}	1*120	4*30	1.24125	3.303192	0.707749	-5.2988	7.78134
{7}-{18}	1*120	4*60	3.31222	3.303192	0.318007	-3.2279	9.85231
{7}-{19}	1*120	4*120	0.98640	3.118520	0.752321	-5.1881	7.16085
{7}-{20}	1*120	4*180	0.48528	3.303192	0.883448	-6.0548	7.02537
{8}-{9}	1*180	2*30	0.00510	3.303192	0.998771	-6.5350	6.54519
{8}-{10}	1*180	2*60	1.08516	3.303192	0.743092	-5.4549	7.62525
{8}-{11}	1*180	2*120	-2.95884	3.303192	0.372179	-9.4989	3.58125
{8}-{12}	1*180	2*180	-3.34178	3.118520	0.286054	-9.5162	2.83267
{8}-{13}	1*180	3*30	2.91290	3.303192	0.379624	-3.6272	9.45299

{8}-{14}	1*180	3*60	2.81114	3.303192	0.396443	-3.7289	9.35124
{8}-{15}	1*180	3*120	-0.47831	3.303192	0.885110	-7.0184	6.06178
{8}-{16}	1*180	3*180	-3.37943	3.118520	0.280686	-9.5539	2.79502
{8}-{17}	1*180	4*30	-0.45763	3.303192	0.890045	-6.9977	6.08246
{8}-{18}	1*180	4*60	1.61334	3.303192	0.626145	-4.9268	8.15343
{8}-{19}	1*180	4*120	-0.71248	3.303192	0.829593	-7.2526	5.82761
{8}-{20}	1*180	4*180	-1.21360	3.118520	0.697849	-7.3881	4.96085
{9}-{10}	2*30	2*60	1.08006	3.146244	0.731984	-5.1493	7.30940
{9}-{11}	2*30	2*120	-2.96394	3.146244	0.348056	-9.1933	3.26540
{9}-{12}	2*30	2*180	-3.34688	3.146244	0.289569	-9.5762	2.88246
{9}-{13}	2*30	3*30	2.90780	3.118520	0.352986	-3.2666	9.08226
{9}-{14}	2*30	3*60	2.80605	3.303192	0.397298	-3.7340	9.34614
{9}-{15}	2*30	3*120	-0.48341	3.303192	0.883894	-7.0235	6.05668
{9}-{16}	2*30	3*180	-3.38453	3.303192	0.307602	-9.9246	3.15556
{9}-{17}	2*30	4*30	-0.46273	3.118520	0.882292	-6.6372	5.71173
{9}-{18}	2*30	4*60	1.60824	3.303192	0.627235	-4.9318	8.14833
{9}-{19}	2*30	4*120	-0.71758	3.303192	0.828393	-7.2577	5.82252
{9}-{20}	2*30	4*180	-1.21870	3.303192	0.712819	-7.7588	5.32139
{10}-{11}	2*60	2*120	-4.04400	3.146244	0.201148	-10.2733	2.18534
{10}-{12}	2*60	2*180	-4.42694	3.146244	0.161996	-10.6563	1.80240
{10}-{13}	2*60	3*30	1.82774	3.303192	0.581070	-4.7123	8.36783
{10}-{14}	2*60	3*60	1.72598	3.118520	0.580976	-4.4485	7.90044
{10}-{15}	2*60	3*120	-1.56347	3.303192	0.636844	-8.1036	4.97662
{10}-{16}	2*60	3*180	-4.46459	3.303192	0.179046	-11.0047	2.07550
{10}-{17}	2*60	4*30	-1.54279	3.303192	0.641304	-8.0829	4.99730
{10}-{18}	2*60	4*60	0.52818	3.118520	0.865791	-5.6463	6.70263

{10}-{19}	2*60	4*120	-1.79764	3.303192	0.587306	-8.3377	4.74245
{10}-{20}	2*60	4*180	-2.29876	3.303192	0.487825	-8.8388	4.24133
{11}-{12}	2*120	2*180	-0.38294	3.146244	0.903330	-6.6123	5.84640
{11}-{13}	2*120	3*30	5.87174	3.303192	0.078003	-0.6683	12.41183
{11}-{14}	2*120	3*60	5.76998	3.303192	0.083232	-0.7701	12.31008
{11}-{15}	2*120	3*120	2.48053	3.118520	0.427940	-3.6939	8.65498
{11}-{16}	2*120	3*180	-0.42059	3.303192	0.898893	-6.9607	6.11950
{11}-{17}	2*120	4*30	2.50121	3.303192	0.450408	-4.0389	9.04130
{11}-{18}	2*120	4*60	4.57218	3.303192	0.168875	-1.9679	11.11227
{11}-{19}	2*120	4*120	2.24636	3.118520	0.472723	-3.9281	8.42082
{11}-{20}	2*120	4*180	1.74524	3.303192	0.598232	-4.7948	8.28533
{12}-{13}	2*180	3*30	6.25468	3.303192	0.060696	-0.2854	12.79477
{12}-{14}	2*180	3*60	6.15292	3.303192	0.064947	-0.3872	12.69302
{12}-{15}	2*180	3*120	2.86347	3.303192	0.387738	-3.6766	9.40356
{12}-{16}	2*180	3*180	-0.03765	3.118520	0.990387	-6.2121	6.13680
{12}-{17}	2*180	4*30	2.88415	3.303192	0.384330	-3.6559	9.42424
{12}-{18}	2*180	4*60	4.95512	3.303192	0.136215	-1.5850	11.49521
{12}-{19}	2*180	4*120	2.62930	3.303192	0.427611	-3.9108	9.16939
{12}-{20}	2*180	4*180	2.12818	3.118520	0.496280	-4.0463	8.30263
{13}-{14}	3*30	3*60	-0.10176	3.146244	0.974253	-6.3311	6.12759
{13}-{15}	3*30	3*120	-3.39121	3.146244	0.283258	-9.6206	2.83813
{13}-{16}	3*30	3*180	-6.29233	3.146244	0.047764	-12.5217	-0.06299
{13}-{17}	3*30	4*30	-3.37053	3.118520	0.281949	-9.5450	2.80392
{13}-{18}	3*30	4*60	-1.29956	3.303192	0.694703	-7.8397	5.24053
{13}-{19}	3*30	4*120	-3.62538	3.303192	0.274604	-10.1655	2.91471
{13}-{20}	3*30	4*180	-4.12650	3.303192	0.214006	-10.6666	2.41359

{14}-{15}	3*60	3*120	-3.28945	3.146244	0.297885	-9.5188	2.93989
{14}-{16}	3*60	3*180	-6.19058	3.146244	0.051420	-12.4199	0.03877
{14}-{17}	3*60	4*30	-3.26877	3.303192	0.324371	-9.8089	3.27132
{14}-{18}	3*60	4*60	-1.19780	3.118520	0.701589	-7.3723	4.97665
{14}-{19}	3*60	4*120	-3.52362	3.303192	0.288234	-10.0637	3.01647
{14}-{20}	3*60	4*180	-4.02474	3.303192	0.225447	-10.5648	2.51535
{15}-{16}	3*120	3*180	-2.90112	3.146244	0.358332	-9.1305	3.32822
{15}-{17}	3*120	4*30	0.02068	3.303192	0.995015	-6.5194	6.56077
{15}-{18}	3*120	4*60	2.09165	3.303192	0.527794	-4.4484	8.63174
{15}-{19}	3*120	4*120	-0.23417	3.118520	0.940269	-6.4086	5.94029
{15}-{20}	3*120	4*180	-0.73529	3.303192	0.824226	-7.2754	5.80480
{16}-{17}	3*180	4*30	2.92180	3.303192	0.378174	-3.6183	9.46189
{16}-{18}	3*180	4*60	4.99277	3.303192	0.133290	-1.5473	11.53286
{16}-{19}	3*180	4*120	2.66695	3.303192	0.421041	-3.8731	9.20705
{16}-{20}	3*180	4*180	2.16583	3.118520	0.488707	-4.0086	8.34029
{17}-{18}	4*30	4*60	2.07097	3.146244	0.511648	-4.1584	8.30031
{17}-{19}	4*30	4*120	-0.25485	3.146244	0.935576	-6.4842	5.97449
{17}-{20}	4*30	4*180	-0.75597	3.146244	0.810526	-6.9853	5.47337
{18}-{19}	4*60	4*120	-2.32582	3.146244	0.461207	-8.5552	3.90353
{18}-{20}	4*60	4*180	-2.82694	3.146244	0.370712	-9.0563	3.40240
{19}-{20}	4*120	4*180	-0.50112	3.146244	0.873719	-6.7305	5.72822

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Concentration_New	Time Point	{1} - 73.944	{2} - 73.777	{3} - 73.806	{4} - 75.311	{5} - 74.675	{6} - 71.554	{7} - 70.737	{8} - 73.542	{9} - 72.200	{10} - 74.124	{11} - 70.589	{12} - 70.558	{13} - 76.087	{14} - 74.602	{15} - 74.441	{16} - 72.073	{17} - 73.004	{18} - 75.273	{19} - 74.839	{20} - 74.307
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Cell No.																						
1	0	30		0.954628	0.962522	0.641320	0.801763	0.421323	0.281187	0.892477	0.549840	0.951513	0.259710	0.255317	0.462306	0.824346	0.867023	0.528865	0.747095	0.654269	0.762994	0.902419
2	0	60	0.954628		0.992096	0.601209	0.762152	0.446004	0.306872	0.937081	0.595497	0.905090	0.284050	0.279374	0.436807	0.776881	0.823019	0.566217	0.794606	0.607648	0.720532	0.858068
3	0	120	0.962522	0.992096		0.608110	0.769622	0.448535	0.293357	0.929297	0.588742	0.914591	0.270831	0.275077	0.442581	0.788402	0.827519	0.559622	0.787067	0.621151	0.722976	0.865762
4	0	180	0.641320	0.601209	0.608110		0.830423	0.207070	0.125185	0.544159	0.295701	0.689365	0.113555	0.104734	0.793591	0.811380	0.769405	0.267639	0.437581	0.989923	0.873637	0.730621
5	1	30	0.801763	0.762152	0.769622	0.830423		0.288446	0.181118	0.699486	0.396289	0.852713	0.170329	0.167107	0.627995	0.980457	0.937012	0.381391	0.566478	0.840282	0.956035	0.901423
6	1	60	0.421323	0.446004	0.448535	0.207070	0.288446		0.780822	0.498242	0.827617	0.378411	0.745340	0.737384	0.128464	0.296453	0.331672	0.861125	0.625291	0.203225	0.269591	0.354362
7	1	120	0.281187	0.306872	0.293357	0.125185	0.181118	0.780822		0.339891	0.622300	0.255121	0.959539	0.951889	0.073365	0.194398	0.205206	0.652836	0.445616	0.128280	0.160912	0.230422
8	1	180	0.892477	0.937081	0.929297	0.544159	0.699486	0.498242	0.339891		0.651221	0.844636	0.320782	0.306757	0.391883	0.721045	0.762218	0.614191	0.856039	0.560035	0.662394	0.792874
9	2	30	0.549840	0.595497	0.588742	0.295701	0.396289	0.827617	0.622300	0.651221		0.512297	0.583233	0.575952	0.183714	0.418911	0.450856	0.965839	0.782654	0.301532	0.374767	0.478139
10	2	60	0.951513	0.905090	0.914591	0.689365	0.852713	0.378411	0.255121	0.844636	0.512297		0.229660	0.225590	0.508655	0.869584	0.915073	0.489954	0.705950	0.693322	0.809732	0.950720
11	2	120	0.259710	0.284050	0.270831	0.113555	0.170329	0.745340	0.959539	0.320782	0.583233	0.229660		0.991495	0.065866	0.178001	0.187818	0.617389	0.416592	0.116420	0.146474	0.211809
12	2	180	0.255317	0.279374	0.275077	0.104734	0.167107	0.737384	0.951889	0.306757	0.575952	0.225590	0.991495		0.064364	0.174670	0.192431	0.603325	0.410598	0.114026	0.151000	0.199674
13	3	30	0.462306	0.436807	0.442581	0.793591	0.627995	0.128464	0.073365	0.391883	0.183714	0.508655	0.065866	0.064364		0.612880	0.574770	0.172827	0.290985	0.783874	0.674061	0.548983
14	3	60	0.824346	0.776881	0.788402	0.811380	0.980457	0.296453	0.194398	0.721045	0.418911	0.869584	0.178001	0.174670	0.612880		0.956003	0.389284	0.590396	0.817892	0.936535	0.920844
15	3	120	0.867023	0.823019	0.827519	0.769405	0.937012	0.331672	0.205206	0.762218	0.450856	0.915073	0.187818	0.192431	0.574770	0.956003		0.420252	0.628513	0.779071	0.891294	0.964234
16	3	180	0.528865	0.566217	0.559622	0.267639	0.381391	0.861125	0.652836	0.614191	0.965839	0.489954	0.617389	0.603325	0.172827	0.389284	0.420252		0.753831	0.282069	0.352275	0.443649
17	4	30	0.747095	0.794606	0.787067	0.437581	0.566478	0.625291	0.445616	0.856039	0.782654	0.705950	0.416592	0.410598	0.290985	0.590396	0.628513	0.753831		0.439731	0.531995	0.656905
18	4	60	0.654269	0.607648	0.621151	0.989923	0.840282	0.203225	0.128280	0.560035	0.301532	0.693322	0.116420	0.114026	0.783874	0.817892	0.779071	0.282069	0.439731		0.882239	0.742032
19	4	120	0.762994	0.720532	0.722976	0.873637	0.956035	0.269591	0.160912	0.662394	0.374767	0.809732	0.146474	0.151000	0.674061	0.936535	0.891294	0.352275	0.531995	0.882239		0.856299
20	4	180	0.902419	0.858068	0.865762	0.730621	0.901423	0.354362	0.230422	0.792874	0.478139	0.950720	0.211809	0.199674	0.548983	0.920844	0.964234	0.443649	0.656905	0.742032	0.856299	

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point



Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	0.16691	2.927476	0.954628	-5.6293	5.96311
{1}-{3}	0*30	0*120	0.13785	2.927476	0.962522	-5.6583	5.93405
{1}-{4}	0*30	0*180	-1.36724	2.927476	0.641320	-7.1634	4.42896
{1}-{5}	0*30	1*30	-0.73155	2.907347	0.801763	-6.4879	5.02479
{1}-{6}	0*30	1*60	2.38990	2.961849	0.421323	-3.4744	8.25416
{1}-{7}	0*30	1*120	3.20630	2.961849	0.281187	-2.6580	9.07055
{1}-{8}	0*30	1*180	0.40120	2.961849	0.892477	-5.4631	6.26546
{1}-{9}	0*30	2*30	1.74352	2.907347	0.549840	-4.0128	7.49987
{1}-{10}	0*30	2*60	-0.18048	2.961849	0.951513	-6.0447	5.68378
{1}-{11}	0*30	2*120	3.35410	2.961849	0.259710	-2.5102	9.21835
{1}-{12}	0*30	2*180	3.38537	2.961849	0.255317	-2.4789	9.24963
{1}-{13}	0*30	3*30	-2.14394	2.907347	0.462306	-7.9003	3.61240
{1}-{14}	0*30	3*60	-0.65885	2.961849	0.824346	-6.5231	5.20541
{1}-{15}	0*30	3*120	-0.49700	2.961849	0.867023	-6.3613	5.36726
{1}-{16}	0*30	3*180	1.87064	2.961849	0.528865	-3.9936	7.73489
{1}-{17}	0*30	4*30	0.93970	2.907347	0.747095	-4.8166	6.69604
{1}-{18}	0*30	4*60	-1.32976	2.961849	0.654269	-7.1940	4.53450
{1}-{19}	0*30	4*120	-0.89518	2.961849	0.762994	-6.7594	4.96907
{1}-{20}	0*30	4*180	-0.36391	2.961849	0.902419	-6.2282	5.50035
{2}-{3}	0*60	0*120	-0.02906	2.927476	0.992096	-5.8253	5.76714
{2}-{4}	0*60	0*180	-1.53415	2.927476	0.601209	-7.3303	4.26205
{2}-{5}	0*60	1*30	-0.89846	2.961849	0.762152	-6.7627	4.96579
{2}-{6}	0*60	1*60	2.22299	2.907347	0.446004	-3.5334	7.97934

{2}-{7}	0*60	1*120	3.03939	2.961849	0.306872	-2.8249	8.90364
{2}-{8}	0*60	1*180	0.23430	2.961849	0.937081	-5.6300	6.09855
{2}-{9}	0*60	2*30	1.57661	2.961849	0.595497	-4.2876	7.44087
{2}-{10}	0*60	2*60	-0.34739	2.907347	0.905090	-6.1037	5.40896
{2}-{11}	0*60	2*120	3.18719	2.961849	0.284050	-2.6771	9.05144
{2}-{12}	0*60	2*180	3.21846	2.961849	0.279374	-2.6458	9.08272
{2}-{13}	0*60	3*30	-2.31085	2.961849	0.436807	-8.1751	3.55341
{2}-{14}	0*60	3*60	-0.82576	2.907347	0.776881	-6.5821	4.93059
{2}-{15}	0*60	3*120	-0.66391	2.961849	0.823019	-6.5282	5.20035
{2}-{16}	0*60	3*180	1.70373	2.961849	0.566217	-4.1605	7.56798
{2}-{17}	0*60	4*30	0.77279	2.961849	0.794606	-5.0915	6.63704
{2}-{18}	0*60	4*60	-1.49667	2.907347	0.607648	-7.2530	4.25968
{2}-{19}	0*60	4*120	-1.06209	2.961849	0.720532	-6.9263	4.80216
{2}-{20}	0*60	4*180	-0.53082	2.961849	0.858068	-6.3951	5.33344
{3}-{4}	0*120	0*180	-1.50509	2.927476	0.608110	-7.3013	4.29111
{3}-{5}	0*120	1*30	-0.86940	2.961849	0.769622	-6.7337	4.99485
{3}-{6}	0*120	1*60	2.25205	2.961849	0.448535	-3.6122	8.11631
{3}-{7}	0*120	1*120	3.06845	2.907347	0.293357	-2.6879	8.82479
{3}-{8}	0*120	1*180	0.26336	2.961849	0.929297	-5.6009	6.12761
{3}-{9}	0*120	2*30	1.60567	2.961849	0.588742	-4.2586	7.46993
{3}-{10}	0*120	2*60	-0.31833	2.961849	0.914591	-6.1826	5.54593
{3}-{11}	0*120	2*120	3.21625	2.907347	0.270831	-2.5401	8.97259
{3}-{12}	0*120	2*180	3.24752	2.961849	0.275077	-2.6167	9.11178
{3}-{13}	0*120	3*30	-2.28179	2.961849	0.442581	-8.1460	3.58247
{3}-{14}	0*120	3*60	-0.79670	2.961849	0.788402	-6.6610	5.06756
{3}-{15}	0*120	3*120	-0.63485	2.907347	0.827519	-6.3912	5.12150

{3}-{16}	0*120	3*180	1.73279	2.961849	0.559622	-4.1315	7.59704
{3}-{17}	0*120	4*30	0.80185	2.961849	0.787067	-5.0624	6.66610
{3}-{18}	0*120	4*60	-1.46761	2.961849	0.621151	-7.3319	4.39665
{3}-{19}	0*120	4*120	-1.03303	2.907347	0.722976	-6.7894	4.72331
{3}-{20}	0*120	4*180	-0.50176	2.961849	0.865762	-6.3660	5.36250
{4}-{5}	0*180	1*30	0.63569	2.961849	0.830423	-5.2286	6.49994
{4}-{6}	0*180	1*60	3.75714	2.961849	0.207070	-2.1071	9.62140
{4}-{7}	0*180	1*120	4.57354	2.961849	0.125185	-1.2907	10.43779
{4}-{8}	0*180	1*180	1.76845	2.907347	0.544159	-3.9879	7.52479
{4}-{9}	0*180	2*30	3.11077	2.961849	0.295701	-2.7535	8.97502
{4}-{10}	0*180	2*60	1.18677	2.961849	0.689365	-4.6775	7.05102
{4}-{11}	0*180	2*120	4.72134	2.961849	0.113555	-1.1429	10.58560
{4}-{12}	0*180	2*180	4.75261	2.907347	0.104734	-1.0037	10.50896
{4}-{13}	0*180	3*30	-0.77670	2.961849	0.793591	-6.6410	5.08756
{4}-{14}	0*180	3*60	0.70839	2.961849	0.811380	-5.1559	6.57265
{4}-{15}	0*180	3*120	0.87024	2.961849	0.769405	-4.9940	6.73450
{4}-{16}	0*180	3*180	3.23788	2.907347	0.267639	-2.5185	8.99422
{4}-{17}	0*180	4*30	2.30694	2.961849	0.437581	-3.5573	8.17119
{4}-{18}	0*180	4*60	0.03748	2.961849	0.989923	-5.8268	5.90174
{4}-{19}	0*180	4*120	0.47206	2.961849	0.873637	-5.3922	6.33632
{4}-{20}	0*180	4*180	1.00333	2.907347	0.730621	-4.7530	6.75968
{5}-{6}	1*30	1*60	3.12145	2.927476	0.288446	-2.6747	8.91765
{5}-{7}	1*30	1*120	3.93785	2.927476	0.181118	-1.8583	9.73405
{5}-{8}	1*30	1*180	1.13276	2.927476	0.699486	-4.6634	6.92896
{5}-{9}	1*30	2*30	2.47508	2.907347	0.396289	-3.2813	8.23142
{5}-{10}	1*30	2*60	0.55108	2.961849	0.852713	-5.3132	6.41533

{5}-{11}	1*30	2*120	4.08565	2.961849	0.170329	-1.7786	9.94991
{5}-{12}	1*30	2*180	4.11692	2.961849	0.167107	-1.7473	9.98118
{5}-{13}	1*30	3*30	-1.41239	2.907347	0.627995	-7.1687	4.34396
{5}-{14}	1*30	3*60	0.07270	2.961849	0.980457	-5.7916	5.93696
{5}-{15}	1*30	3*120	0.23455	2.961849	0.937012	-5.6297	6.09881
{5}-{16}	1*30	3*180	2.60219	2.961849	0.381391	-3.2621	8.46644
{5}-{17}	1*30	4*30	1.67125	2.907347	0.566478	-4.0851	7.42759
{5}-{18}	1*30	4*60	-0.59820	2.961849	0.840282	-6.4625	5.26605
{5}-{19}	1*30	4*120	-0.16363	2.961849	0.956035	-6.0279	5.70063
{5}-{20}	1*30	4*180	0.36764	2.961849	0.901423	-5.4966	6.23190
{6}-{7}	1*60	1*120	0.81639	2.927476	0.780822	-4.9798	6.61259
{6}-{8}	1*60	1*180	-1.98870	2.927476	0.498242	-7.7849	3.80750
{6}-{9}	1*60	2*30	-0.64638	2.961849	0.827617	-6.5106	5.21788
{6}-{10}	1*60	2*60	-2.57038	2.907347	0.378411	-8.3267	3.18597
{6}-{11}	1*60	2*120	0.96420	2.961849	0.745340	-4.9001	6.82845
{6}-{12}	1*60	2*180	0.99547	2.961849	0.737384	-4.8688	6.85973
{6}-{13}	1*60	3*30	-4.53384	2.961849	0.128464	-10.3981	1.33041
{6}-{14}	1*60	3*60	-3.04875	2.907347	0.296453	-8.8051	2.70759
{6}-{15}	1*60	3*120	-2.88690	2.961849	0.331672	-8.7512	2.97735
{6}-{16}	1*60	3*180	-0.51927	2.961849	0.861125	-6.3835	5.34499
{6}-{17}	1*60	4*30	-1.45020	2.961849	0.625291	-7.3145	4.41405
{6}-{18}	1*60	4*60	-3.71966	2.907347	0.203225	-9.4760	2.03668
{6}-{19}	1*60	4*120	-3.28508	2.961849	0.269591	-9.1493	2.57917
{6}-{20}	1*60	4*180	-2.75381	2.961849	0.354362	-8.6181	3.11044
{7}-{8}	1*120	1*180	-2.80509	2.927476	0.339891	-8.6013	2.99111
{7}-{9}	1*120	2*30	-1.46277	2.961849	0.622300	-7.3270	4.40148

{7}-{10}	1*120	2*60	-3.38677	2.961849	0.255121	-9.2510	2.47748
{7}-{11}	1*120	2*120	0.14780	2.907347	0.959539	-5.6085	5.90415
{7}-{12}	1*120	2*180	0.17908	2.961849	0.951889	-5.6852	6.04333
{7}-{13}	1*120	3*30	-5.35023	2.961849	0.073365	-11.2145	0.51402
{7}-{14}	1*120	3*60	-3.86514	2.961849	0.194398	-9.7294	1.99911
{7}-{15}	1*120	3*120	-3.70330	2.907347	0.205206	-9.4596	2.05305
{7}-{16}	1*120	3*180	-1.33566	2.961849	0.652836	-7.1999	4.52860
{7}-{17}	1*120	4*30	-2.26660	2.961849	0.445616	-8.1309	3.59766
{7}-{18}	1*120	4*60	-4.53605	2.961849	0.128280	-10.4003	1.32820
{7}-{19}	1*120	4*120	-4.10148	2.907347	0.160912	-9.8578	1.65487
{7}-{20}	1*120	4*180	-3.57020	2.961849	0.230422	-9.4345	2.29405
{8}-{9}	1*180	2*30	1.34232	2.961849	0.651221	-4.5219	7.20657
{8}-{10}	1*180	2*60	-0.58168	2.961849	0.844636	-6.4459	5.28257
{8}-{11}	1*180	2*120	2.95289	2.961849	0.320782	-2.9114	8.81715
{8}-{12}	1*180	2*180	2.98417	2.907347	0.306757	-2.7722	8.74051
{8}-{13}	1*180	3*30	-2.54514	2.961849	0.391883	-8.4094	3.31911
{8}-{14}	1*180	3*60	-1.06005	2.961849	0.721045	-6.9243	4.80420
{8}-{15}	1*180	3*120	-0.89820	2.961849	0.762218	-6.7625	4.96605
{8}-{16}	1*180	3*180	1.46943	2.907347	0.614191	-4.2869	7.22578
{8}-{17}	1*180	4*30	0.53849	2.961849	0.856039	-5.3258	6.40275
{8}-{18}	1*180	4*60	-1.73096	2.961849	0.560035	-7.5952	4.13329
{8}-{19}	1*180	4*120	-1.29639	2.961849	0.662394	-7.1606	4.56787
{8}-{20}	1*180	4*180	-0.76511	2.907347	0.792874	-6.5215	4.99123
{9}-{10}	2*30	2*60	-1.92400	2.927476	0.512297	-7.7202	3.87220
{9}-{11}	2*30	2*120	1.61058	2.927476	0.583233	-4.1856	7.40677
{9}-{12}	2*30	2*180	1.64185	2.927476	0.575952	-4.1543	7.43805

{9}-{13}	2*30	3*30	-3.88746	2.907347	0.183714	-9.6438	1.86888
{9}-{14}	2*30	3*60	-2.40237	2.961849	0.418911	-8.2666	3.46188
{9}-{15}	2*30	3*120	-2.24052	2.961849	0.450856	-8.1048	3.62373
{9}-{16}	2*30	3*180	0.12711	2.961849	0.965839	-5.7371	5.99137
{9}-{17}	2*30	4*30	-0.80383	2.907347	0.782654	-6.5602	4.95252
{9}-{18}	2*30	4*60	-3.07328	2.961849	0.301532	-8.9375	2.79098
{9}-{19}	2*30	4*120	-2.63870	2.961849	0.374767	-8.5030	3.22555
{9}-{20}	2*30	4*180	-2.10743	2.961849	0.478139	-7.9717	3.75682
{10}-{11}	2*60	2*120	3.53458	2.927476	0.229660	-2.2616	9.33077
{10}-{12}	2*60	2*180	3.56585	2.927476	0.225590	-2.2303	9.36205
{10}-{13}	2*60	3*30	-1.96346	2.961849	0.508655	-7.8277	3.90079
{10}-{14}	2*60	3*60	-0.47837	2.907347	0.869584	-6.2347	5.27797
{10}-{15}	2*60	3*120	-0.31652	2.961849	0.915073	-6.1808	5.54773
{10}-{16}	2*60	3*180	2.05111	2.961849	0.489954	-3.8131	7.91537
{10}-{17}	2*60	4*30	1.12017	2.961849	0.705950	-4.7441	6.98443
{10}-{18}	2*60	4*60	-1.14928	2.907347	0.693322	-6.9056	4.60706
{10}-{19}	2*60	4*120	-0.71470	2.961849	0.809732	-6.5790	5.14955
{10}-{20}	2*60	4*180	-0.18343	2.961849	0.950720	-6.0477	5.68082
{11}-{12}	2*120	2*180	0.03127	2.927476	0.991495	-5.7649	5.82747
{11}-{13}	2*120	3*30	-5.49804	2.961849	0.065866	-11.3623	0.36622
{11}-{14}	2*120	3*60	-4.01295	2.961849	0.178001	-9.8772	1.85131
{11}-{15}	2*120	3*120	-3.85110	2.907347	0.187818	-9.6074	1.90525
{11}-{16}	2*120	3*180	-1.48346	2.961849	0.617389	-7.3477	4.38079
{11}-{17}	2*120	4*30	-2.41440	2.961849	0.416592	-8.2787	3.44985
{11}-{18}	2*120	4*60	-4.68386	2.961849	0.116420	-10.5481	1.18040
{11}-{19}	2*120	4*120	-4.24928	2.907347	0.146474	-10.0056	1.50706

{11}-{20}	2*120	4*180	-3.71801	2.961849	0.211809	-9.5823	2.14625
{12}-{13}	2*180	3*30	-5.52931	2.961849	0.064364	-11.3936	0.33494
{12}-{14}	2*180	3*60	-4.04422	2.961849	0.174670	-9.9085	1.82004
{12}-{15}	2*180	3*120	-3.88237	2.961849	0.192431	-9.7466	1.98188
{12}-{16}	2*180	3*180	-1.51473	2.907347	0.603325	-7.2711	4.24161
{12}-{17}	2*180	4*30	-2.44567	2.961849	0.410598	-8.3099	3.41858
{12}-{18}	2*180	4*60	-4.71513	2.961849	0.114026	-10.5794	1.14913
{12}-{19}	2*180	4*120	-4.28055	2.961849	0.151000	-10.1448	1.58370
{12}-{20}	2*180	4*180	-3.74928	2.907347	0.199674	-9.5056	2.00706
{13}-{14}	3*30	3*60	1.48509	2.927476	0.612880	-4.3111	7.28129
{13}-{15}	3*30	3*120	1.64694	2.927476	0.574770	-4.1493	7.44314
{13}-{16}	3*30	3*180	4.01458	2.927476	0.172827	-1.7816	9.81077
{13}-{17}	3*30	4*30	3.08364	2.907347	0.290985	-2.6727	8.83998
{13}-{18}	3*30	4*60	0.81418	2.961849	0.783874	-5.0501	6.67844
{13}-{19}	3*30	4*120	1.24876	2.961849	0.674061	-4.6155	7.11301
{13}-{20}	3*30	4*180	1.78003	2.961849	0.548983	-4.0842	7.64429
{14}-{15}	3*60	3*120	0.16185	2.927476	0.956003	-5.6343	5.95805
{14}-{16}	3*60	3*180	2.52948	2.927476	0.389284	-3.2667	8.32568
{14}-{17}	3*60	4*30	1.59855	2.961849	0.590396	-4.2657	7.46280
{14}-{18}	3*60	4*60	-0.67091	2.907347	0.817892	-6.4273	5.08543
{14}-{19}	3*60	4*120	-0.23633	2.961849	0.936535	-6.1006	5.62792
{14}-{20}	3*60	4*180	0.29494	2.961849	0.920844	-5.5693	6.15919
{15}-{16}	3*120	3*180	2.36764	2.927476	0.420252	-3.4286	8.16383
{15}-{17}	3*120	4*30	1.43670	2.961849	0.628513	-4.4276	7.30095
{15}-{18}	3*120	4*60	-0.83276	2.961849	0.779071	-6.6970	5.03150
{15}-{19}	3*120	4*120	-0.39818	2.907347	0.891294	-6.1545	5.35816

{15}-{20}	3*120	4*180	0.13309	2.961849	0.964234	-5.7312	5.99735
{16}-{17}	3*180	4*30	-0.93094	2.961849	0.753831	-6.7952	4.93332
{16}-{18}	3*180	4*60	-3.20039	2.961849	0.282069	-9.0646	2.66386
{16}-{19}	3*180	4*120	-2.76582	2.961849	0.352275	-8.6301	3.09844
{16}-{20}	3*180	4*180	-2.23455	2.907347	0.443649	-7.9909	3.52180
{17}-{18}	4*30	4*60	-2.26945	2.927476	0.439731	-8.0657	3.52674
{17}-{19}	4*30	4*120	-1.83488	2.927476	0.531995	-7.6311	3.96132
{17}-{20}	4*30	4*180	-1.30361	2.927476	0.656905	-7.0998	4.49259
{18}-{19}	4*60	4*120	0.43458	2.927476	0.882239	-5.3616	6.23077
{18}-{20}	4*60	4*180	0.96585	2.927476	0.742032	-4.8303	6.76205
{19}-{20}	4*120	4*180	0.53127	2.927476	0.856299	-5.2649	6.32747

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 6.0689	{2} - 7.2786	{3} - 6.2776	{4} - 3.8716	{5} - 6.7326	{6} - 5.1513	{7} - 4.9776	{8} - 3.8535	{9} - 5.2012	{10} - 4.3654	{11} - 3.8644	{12} - 3.5039	{13} - 4.2497	{14} - 5.6230	{15} - 2.4948	{16} - 1.9525	{17} - 3.9709	{18} - 3.7533	{19} - 1.8523	{20} - 1.8918
1	0	30		0.301870	0.858346	0.062061	0.562729	0.498479	0.420979	0.103775	0.449445	0.209944	0.105473	0.060109	0.114257	0.742041	0.009271	0.002852	0.069017	0.089220	0.002265	0.002482
2	0	60	0.301870		0.392586	0.004178	0.686930	0.065285	0.091236	0.012553	0.126896	0.012109	0.012830	0.006080	0.026855	0.150275	0.000571	0.000137	0.015834	0.002543	0.000104	0.000116
3	0	120	0.858346	0.392586		0.041337	0.736947	0.406304	0.257860	0.075383	0.427349	0.159695	0.036902	0.042313	0.136117	0.629046	0.001240	0.001757	0.090447	0.064228	0.000177	0.001521
4	0	180	0.062061	0.004178	0.041337		0.036331	0.345590	0.414775	0.987366	0.327187	0.715471	0.995755	0.748347	0.780131	0.197483	0.310348	0.095875	0.941561	0.930377	0.137753	0.085948
5	1	30	0.562729	0.686930	0.736947	0.036331		0.177836	0.135128	0.015001	0.183026	0.082406	0.035871	0.018453	0.031874	0.413278	0.002156	0.000576	0.017236	0.029397	0.000446	0.000494
6	1	60	0.498479	0.065285	0.406304	0.345590	0.177836		0.881871	0.268155	0.970620	0.493216	0.342891	0.225245	0.505970	0.680693	0.051642	0.019534	0.384165	0.223866	0.016103	0.017387
7	1	120	0.420979	0.091236	0.257860	0.414775	0.135128	0.881871		0.337201	0.868864	0.651382	0.332255	0.277710	0.591173	0.633817	0.031874	0.027037	0.457791	0.366798	0.007221	0.024172
8	1	180	0.103775	0.012553	0.075383	0.987366	0.015001	0.268155	0.337201		0.320655	0.705502	0.993555	0.760370	0.769874	0.192912	0.316740	0.099020	0.930906	0.941031	0.141292	0.088826



9	2	30	0.449445	0.126896	0.427349	0.327187	0.183026	0.970620	0.868864	0.320655		0.475127	0.254133	0.148320	0.407005	0.755486	0.047473	0.017752	0.284111	0.286154	0.014603	0.015780
10	2	60	0.209944	0.012109	0.159695	0.715471	0.082406	0.493216	0.651382	0.705502	0.475127		0.668370	0.461688	0.931924	0.273608	0.168873	0.076714	0.770853	0.593418	0.065397	0.069683
11	2	120	0.105473	0.012830	0.036902	0.995755	0.035871	0.342891	0.332255	0.993555	0.254133	0.668370		0.757859	0.776054	0.195659	0.233349	0.159735	0.937329	0.934606	0.081012	0.147010
12	2	180	0.060109	0.006080	0.042313	0.748347	0.018453	0.225245	0.277710	0.760370	0.148320	0.461688	0.757859		0.582081	0.119512	0.456687	0.177385	0.730301	0.853921	0.224060	0.161168
13	3	30	0.114257	0.026855	0.136117	0.780131	0.031874	0.505970	0.591173	0.769874	0.407005	0.931924	0.776054	0.582081		0.241461	0.135128	0.051239	0.807769	0.714020	0.078606	0.083594
14	3	60	0.742041	0.150275	0.629046	0.197483	0.413278	0.680693	0.633817	0.192912	0.755486	0.273608	0.195659	0.119512	0.241461		0.008362	0.002085	0.223923	0.104638	0.006131	0.006671
15	3	120	0.009271	0.000571	0.001240	0.310348	0.002156	0.051642	0.031874	0.316740	0.047473	0.168873	0.233349	0.456687	0.135128	0.008362		0.642883	0.276907	0.353597	0.575262	0.656296
16	3	180	0.002852	0.000137	0.001757	0.095875	0.000576	0.019534	0.027037	0.099020	0.017752	0.076714	0.159735	0.177385	0.051239	0.002085	0.642883		0.137923	0.185215	0.941045	0.957792
17	4	30	0.069017	0.015834	0.090447	0.941561	0.017236	0.384165	0.457791	0.930906	0.284111	0.770853	0.937329	0.730301	0.807769	0.223923	0.276907	0.137923		0.852347	0.071865	0.077255
18	4	60	0.089220	0.002543	0.064228	0.930377	0.029397	0.223866	0.366798	0.941031	0.286154	0.593418	0.934606	0.853921	0.714020	0.104638	0.353597	0.185215	0.852347		0.105832	0.113205
19	4	120	0.002265	0.000104	0.000177	0.137753	0.000446	0.016103	0.007221	0.141292	0.014603	0.065397	0.081012	0.224060	0.078606	0.006131	0.575262	0.941045	0.071865	0.105832		0.973036
20	4	180	0.002482	0.000116	0.001521	0.085948	0.000494	0.017387	0.024172	0.088826	0.015780	0.069683	0.147010	0.161168	0.083594	0.006671	0.656296	0.957792	0.077255	0.113205	0.973036	

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-1.20967	1.166625	0.301870	-3.51950	1.100169
{1}-{3}	0*30	0*120	-0.20867	1.166625	0.858346	-2.51850	2.101169
{1}-{4}	0*30	0*180	2.19727	1.166625	0.062061	-0.11256	4.507108
{1}-{5}	0*30	1*30	-0.66367	1.143464	0.562729	-2.92765	1.600304
{1}-{6}	0*30	1*60	0.91757	1.351459	0.498479	-1.75823	3.593363
{1}-{7}	0*30	1*120	1.09130	1.351459	0.420979	-1.58450	3.767090

{1}-{8}	0*30	1*180	2.21542	1.351459	0.103775	-0.46038	4.891211
{1}-{9}	0*30	2*30	0.86769	1.143464	0.449445	-1.39629	3.131668
{1}-{10}	0*30	2*60	1.70348	1.351459	0.209944	-0.97232	4.379272
{1}-{11}	0*30	2*120	2.20448	1.351459	0.105473	-0.47132	4.880272
{1}-{12}	0*30	2*180	2.56496	1.351459	0.060109	-0.11083	5.240757
{1}-{13}	0*30	3*30	1.81917	1.143464	0.114257	-0.44481	4.083145
{1}-{14}	0*30	3*60	0.44586	1.351459	0.742041	-2.22993	3.121658
{1}-{15}	0*30	3*120	3.57414	1.351459	0.009271	0.89834	6.249931
{1}-{16}	0*30	3*180	4.11644	1.351459	0.002852	1.44064	6.792234
{1}-{17}	0*30	4*30	2.09799	1.143464	0.069017	-0.16599	4.361971
{1}-{18}	0*30	4*60	2.31560	1.351459	0.089220	-0.36020	4.991393
{1}-{19}	0*30	4*120	4.21660	1.351459	0.002265	1.54080	6.892393
{1}-{20}	0*30	4*180	4.17708	1.351459	0.002482	1.50129	6.852878
{2}-{3}	0*60	0*120	1.00100	1.166625	0.392586	-1.30884	3.310836
{2}-{4}	0*60	0*180	3.40694	1.166625	0.004178	1.09710	5.716775
{2}-{5}	0*60	1*30	0.54599	1.351459	0.686930	-2.12980	3.221787
{2}-{6}	0*60	1*60	2.12723	1.143464	0.065285	-0.13674	4.391213
{2}-{7}	0*60	1*120	2.30096	1.351459	0.091236	-0.37483	4.976757
{2}-{8}	0*60	1*180	3.42508	1.351459	0.012553	0.74929	6.100878
{2}-{9}	0*60	2*30	2.07736	1.351459	0.126896	-0.59844	4.753151
{2}-{10}	0*60	2*60	2.91314	1.143464	0.012109	0.64917	5.177123
{2}-{11}	0*60	2*120	3.41414	1.351459	0.012830	0.73835	6.089938
{2}-{12}	0*60	2*180	3.77463	1.351459	0.006080	1.09883	6.450423
{2}-{13}	0*60	3*30	3.02883	1.351459	0.026855	0.35304	5.704628
{2}-{14}	0*60	3*60	1.65553	1.143464	0.150275	-0.60845	3.919509
{2}-{15}	0*60	3*120	4.78380	1.351459	0.000571	2.10801	7.459598

{2}-{16}	0*60	3*180	5.32611	1.351459	0.000137	2.65031	8.001901
{2}-{17}	0*60	4*30	3.30766	1.351459	0.015834	0.63186	5.983454
{2}-{18}	0*60	4*60	3.52527	1.143464	0.002543	1.26129	5.789244
{2}-{19}	0*60	4*120	5.42627	1.351459	0.000104	2.75047	8.102060
{2}-{20}	0*60	4*180	5.38675	1.351459	0.000116	2.71096	8.062545
{3}-{4}	0*120	0*180	2.40594	1.166625	0.041337	0.09610	4.715775
{3}-{5}	0*120	1*30	-0.45501	1.351459	0.736947	-3.13080	2.220787
{3}-{6}	0*120	1*60	1.12623	1.351459	0.406304	-1.54956	3.802029
{3}-{7}	0*120	1*120	1.29996	1.143464	0.257860	-0.96402	3.563941
{3}-{8}	0*120	1*180	2.42408	1.351459	0.075383	-0.25171	5.099878
{3}-{9}	0*120	2*30	1.07636	1.351459	0.427349	-1.59944	3.752151
{3}-{10}	0*120	2*60	1.91214	1.351459	0.159695	-0.76365	4.587938
{3}-{11}	0*120	2*120	2.41314	1.143464	0.036902	0.14917	4.677123
{3}-{12}	0*120	2*180	2.77363	1.351459	0.042313	0.09783	5.449423
{3}-{13}	0*120	3*30	2.02783	1.351459	0.136117	-0.64796	4.703628
{3}-{14}	0*120	3*60	0.65453	1.351459	0.629046	-2.02126	3.330325
{3}-{15}	0*120	3*120	3.78280	1.143464	0.001240	1.51882	6.046782
{3}-{16}	0*120	3*180	4.32511	1.351459	0.001757	1.64931	7.000901
{3}-{17}	0*120	4*30	2.30666	1.351459	0.090447	-0.36914	4.982454
{3}-{18}	0*120	4*60	2.52427	1.351459	0.064228	-0.15153	5.200060
{3}-{19}	0*120	4*120	4.42527	1.143464	0.000177	2.16129	6.689244
{3}-{20}	0*120	4*180	4.38575	1.351459	0.001521	1.70996	7.061545
{4}-{5}	0*180	1*30	-2.86095	1.351459	0.036331	-5.53674	-0.185152
{4}-{6}	0*180	1*60	-1.27970	1.351459	0.345590	-3.95550	1.396090
{4}-{7}	0*180	1*120	-1.10598	1.351459	0.414775	-3.78177	1.569817
{4}-{8}	0*180	1*180	0.01814	1.143464	0.987366	-2.24583	2.282123

{4}-{9}	0*180	2*30	-1.32958	1.351459	0.327187	-4.00538	1.346211
{4}-{10}	0*180	2*60	-0.49380	1.351459	0.715471	-3.16959	2.181999
{4}-{11}	0*180	2*120	0.00720	1.351459	0.995755	-2.66859	2.682999
{4}-{12}	0*180	2*180	0.36769	1.143464	0.748347	-1.89629	2.631668
{4}-{13}	0*180	3*30	-0.37811	1.351459	0.780131	-3.05390	2.297688
{4}-{14}	0*180	3*60	-1.75141	1.351459	0.197483	-4.42720	0.924385
{4}-{15}	0*180	3*120	1.37686	1.351459	0.310348	-1.29893	4.052658
{4}-{16}	0*180	3*180	1.91917	1.143464	0.095875	-0.34481	4.183145
{4}-{17}	0*180	4*30	-0.09928	1.351459	0.941561	-2.77507	2.576514
{4}-{18}	0*180	4*60	0.11833	1.351459	0.930377	-2.55747	2.794120
{4}-{19}	0*180	4*120	2.01933	1.351459	0.137753	-0.65647	4.695120
{4}-{20}	0*180	4*180	1.97981	1.143464	0.085948	-0.28417	4.243789
{5}-{6}	1*30	1*60	1.58124	1.166625	0.177836	-0.72859	3.891078
{5}-{7}	1*30	1*120	1.75497	1.166625	0.135128	-0.55487	4.064805
{5}-{8}	1*30	1*180	2.87909	1.166625	0.015001	0.56926	5.188926
{5}-{9}	1*30	2*30	1.53136	1.143464	0.183026	-0.73261	3.795342
{5}-{10}	1*30	2*60	2.36715	1.351459	0.082406	-0.30864	5.042946
{5}-{11}	1*30	2*120	2.86815	1.351459	0.035871	0.19236	5.543946
{5}-{12}	1*30	2*180	3.22864	1.351459	0.018453	0.55284	5.904431
{5}-{13}	1*30	3*30	2.48284	1.143464	0.031874	0.21886	4.746819
{5}-{14}	1*30	3*60	1.10954	1.351459	0.413278	-1.56626	3.785332
{5}-{15}	1*30	3*120	4.23781	1.351459	0.002156	1.56202	6.913605
{5}-{16}	1*30	3*180	4.78011	1.351459	0.000576	2.10432	7.455908
{5}-{17}	1*30	4*30	2.76167	1.143464	0.017236	0.49769	5.025645
{5}-{18}	1*30	4*60	2.97927	1.351459	0.029397	0.30348	5.655067
{5}-{19}	1*30	4*120	4.88027	1.351459	0.000446	2.20448	7.556067

{5}-{20}	1*30	4*180	4.84076	1.351459	0.000494	2.16496	7.516552
{6}-{7}	1*60	1*120	0.17373	1.166625	0.881871	-2.13611	2.483563
{6}-{8}	1*60	1*180	1.29785	1.166625	0.268155	-1.01199	3.607684
{6}-{9}	1*60	2*30	-0.04988	1.351459	0.970620	-2.72567	2.625916
{6}-{10}	1*60	2*60	0.78591	1.143464	0.493216	-1.47807	3.049888
{6}-{11}	1*60	2*120	1.28691	1.351459	0.342891	-1.38889	3.962704
{6}-{12}	1*60	2*180	1.64739	1.351459	0.225245	-1.02840	4.323188
{6}-{13}	1*60	3*30	0.90160	1.351459	0.505970	-1.77420	3.577393
{6}-{14}	1*60	3*60	-0.47170	1.143464	0.680693	-2.73568	1.792274
{6}-{15}	1*60	3*120	2.65657	1.351459	0.051642	-0.01923	5.332363
{6}-{16}	1*60	3*180	3.19887	1.351459	0.019534	0.52308	5.874666
{6}-{17}	1*60	4*30	1.18042	1.351459	0.384165	-1.49537	3.856219
{6}-{18}	1*60	4*60	1.39803	1.143464	0.223866	-0.86595	3.662009
{6}-{19}	1*60	4*120	3.29903	1.351459	0.016103	0.62324	5.974825
{6}-{20}	1*60	4*180	3.25952	1.351459	0.017387	0.58372	5.935310
{7}-{8}	1*120	1*180	1.12412	1.166625	0.337201	-1.18571	3.433957
{7}-{9}	1*120	2*30	-0.22361	1.351459	0.868864	-2.89940	2.452188
{7}-{10}	1*120	2*60	0.61218	1.351459	0.651382	-2.06361	3.287976
{7}-{11}	1*120	2*120	1.11318	1.143464	0.332255	-1.15080	3.377160
{7}-{12}	1*120	2*180	1.47367	1.351459	0.277710	-1.20213	4.149461
{7}-{13}	1*120	3*30	0.72787	1.351459	0.591173	-1.94792	3.403666
{7}-{14}	1*120	3*60	-0.64543	1.351459	0.633817	-3.32123	2.030363
{7}-{15}	1*120	3*120	2.48284	1.143464	0.031874	0.21886	4.746819
{7}-{16}	1*120	3*180	3.02514	1.351459	0.027037	0.34935	5.700938
{7}-{17}	1*120	4*30	1.00670	1.351459	0.457791	-1.66910	3.682492
{7}-{18}	1*120	4*60	1.22430	1.351459	0.366798	-1.45149	3.900098

{7}-{19}	1*120	4*120	3.12530	1.143464	0.007221	0.86132	5.389282
{7}-{20}	1*120	4*180	3.08579	1.351459	0.024172	0.40999	5.761582
{8}-{9}	1*180	2*30	-1.34773	1.351459	0.320655	-4.02352	1.328067
{8}-{10}	1*180	2*60	-0.51194	1.351459	0.705502	-3.18773	2.163855
{8}-{11}	1*180	2*120	-0.01094	1.351459	0.993555	-2.68673	2.664855
{8}-{12}	1*180	2*180	0.34955	1.143464	0.760370	-1.91443	2.613524
{8}-{13}	1*180	3*30	-0.39625	1.351459	0.769874	-3.07204	2.279545
{8}-{14}	1*180	3*60	-1.76955	1.351459	0.192912	-4.44535	0.906242
{8}-{15}	1*180	3*120	1.35872	1.351459	0.316740	-1.31707	4.034514
{8}-{16}	1*180	3*180	1.90102	1.143464	0.099020	-0.36296	4.165001
{8}-{17}	1*180	4*30	-0.11742	1.351459	0.930906	-2.79322	2.558370
{8}-{18}	1*180	4*60	0.10018	1.351459	0.941031	-2.57561	2.775976
{8}-{19}	1*180	4*120	2.00118	1.351459	0.141292	-0.67461	4.676976
{8}-{20}	1*180	4*180	1.96167	1.143464	0.088826	-0.30231	4.225645
{9}-{10}	2*30	2*60	0.83579	1.166625	0.475127	-1.47405	3.145623
{9}-{11}	2*30	2*120	1.33679	1.166625	0.254133	-0.97305	3.646623
{9}-{12}	2*30	2*180	1.69727	1.166625	0.148320	-0.61256	4.007108
{9}-{13}	2*30	3*30	0.95148	1.143464	0.407005	-1.31250	3.215456
{9}-{14}	2*30	3*60	-0.42183	1.351459	0.755486	-3.09762	2.253969
{9}-{15}	2*30	3*120	2.70645	1.351459	0.047473	0.03065	5.382242
{9}-{16}	2*30	3*180	3.24875	1.351459	0.017752	0.57296	5.924545
{9}-{17}	2*30	4*30	1.23030	1.143464	0.284111	-1.03368	3.494282
{9}-{18}	2*30	4*60	1.44791	1.351459	0.286154	-1.22789	4.123704
{9}-{19}	2*30	4*120	3.34891	1.351459	0.014603	0.67311	6.024704
{9}-{20}	2*30	4*180	3.30939	1.351459	0.015780	0.63360	5.985188
{10}-{11}	2*60	2*120	0.50100	1.166625	0.668370	-1.80884	2.810836

{10}-{12}	2*60	2*180	0.86148	1.166625	0.461688	-1.44835	3.171320
{10}-{13}	2*60	3*30	0.11569	1.351459	0.931924	-2.56011	2.791484
{10}-{14}	2*60	3*60	-1.25761	1.143464	0.273608	-3.52159	1.006365
{10}-{15}	2*60	3*120	1.87066	1.351459	0.168873	-0.80514	4.546454
{10}-{16}	2*60	3*180	2.41296	1.351459	0.076714	-0.26283	5.088757
{10}-{17}	2*60	4*30	0.39452	1.351459	0.770853	-2.28128	3.070310
{10}-{18}	2*60	4*60	0.61212	1.143464	0.593418	-1.65186	2.876100
{10}-{19}	2*60	4*120	2.51312	1.351459	0.065397	-0.16267	5.188916
{10}-{20}	2*60	4*180	2.47361	1.351459	0.069683	-0.20219	5.149401
{11}-{12}	2*120	2*180	0.36048	1.166625	0.757859	-1.94935	2.670320
{11}-{13}	2*120	3*30	-0.38531	1.351459	0.776054	-3.06111	2.290484
{11}-{14}	2*120	3*60	-1.75861	1.351459	0.195659	-4.43441	0.917181
{11}-{15}	2*120	3*120	1.36966	1.143464	0.233349	-0.89432	3.633638
{11}-{16}	2*120	3*180	1.91196	1.351459	0.159735	-0.76383	4.587757
{11}-{17}	2*120	4*30	-0.10648	1.351459	0.937329	-2.78228	2.569310
{11}-{18}	2*120	4*60	0.11112	1.351459	0.934606	-2.56467	2.786916
{11}-{19}	2*120	4*120	2.01212	1.143464	0.081012	-0.25186	4.276100
{11}-{20}	2*120	4*180	1.97261	1.351459	0.147010	-0.70319	4.648401
{12}-{13}	2*180	3*30	-0.74580	1.351459	0.582081	-3.42159	1.929999
{12}-{14}	2*180	3*60	-2.11910	1.351459	0.119512	-4.79489	0.556696
{12}-{15}	2*180	3*120	1.00917	1.351459	0.456687	-1.66662	3.684969
{12}-{16}	2*180	3*180	1.55148	1.143464	0.177385	-0.71250	3.815456
{12}-{17}	2*180	4*30	-0.46697	1.351459	0.730301	-3.14276	2.208825
{12}-{18}	2*180	4*60	-0.24936	1.351459	0.853921	-2.92516	2.426431
{12}-{19}	2*180	4*120	1.65164	1.351459	0.224060	-1.02416	4.327431
{12}-{20}	2*180	4*180	1.61212	1.143464	0.161168	-0.65186	3.876100

{13}-{14}	3*30	3*60	-1.37330	1.166625	0.241461	-3.68314	0.936532
{13}-{15}	3*30	3*120	1.75497	1.166625	0.135128	-0.55487	4.064805
{13}-{16}	3*30	3*180	2.29727	1.166625	0.051239	-0.01256	4.607108
{13}-{17}	3*30	4*30	0.27883	1.143464	0.807769	-1.98515	2.542804
{13}-{18}	3*30	4*60	0.49643	1.351459	0.714020	-2.17936	3.172226
{13}-{19}	3*30	4*120	2.39743	1.351459	0.078606	-0.27836	5.073226
{13}-{20}	3*30	4*180	2.35792	1.351459	0.083594	-0.31788	5.033711
{14}-{15}	3*60	3*120	3.12827	1.166625	0.008362	0.81844	5.438108
{14}-{16}	3*60	3*180	3.67058	1.166625	0.002085	1.36074	5.980411
{14}-{17}	3*60	4*30	1.65213	1.351459	0.223923	-1.02367	4.327923
{14}-{18}	3*60	4*60	1.86973	1.143464	0.104638	-0.39424	4.133713
{14}-{19}	3*60	4*120	3.77073	1.351459	0.006131	1.09494	6.446529
{14}-{20}	3*60	4*180	3.73122	1.351459	0.006671	1.05543	6.407014
{15}-{16}	3*120	3*180	0.54230	1.166625	0.642883	-1.76753	2.852139
{15}-{17}	3*120	4*30	-1.47614	1.351459	0.276907	-4.15194	1.199651
{15}-{18}	3*120	4*60	-1.25854	1.351459	0.353597	-3.93433	1.417257
{15}-{19}	3*120	4*120	0.64246	1.143464	0.575262	-1.62152	2.906441
{15}-{20}	3*120	4*180	0.60295	1.351459	0.656296	-2.07285	3.278742
{16}-{17}	3*180	4*30	-2.01845	1.351459	0.137923	-4.69424	0.657348
{16}-{18}	3*180	4*60	-1.80084	1.351459	0.185215	-4.47664	0.874954
{16}-{19}	3*180	4*120	0.10016	1.351459	0.941045	-2.57564	2.775954
{16}-{20}	3*180	4*180	0.06064	1.143464	0.957792	-2.20333	2.324623
{17}-{18}	4*30	4*60	0.21761	1.166625	0.852347	-2.09223	2.527442
{17}-{19}	4*30	4*120	2.11861	1.166625	0.071865	-0.19123	4.428442
{17}-{20}	4*30	4*180	2.07909	1.166625	0.077255	-0.23074	4.388926
{18}-{19}	4*60	4*120	1.90100	1.166625	0.105832	-0.40884	4.210836



{18}-{20}	4*60	4*180	1.86148	1.166625	0.113205	-0.44835	4.171320
{19}-{20}	4*120	4*180	-0.03952	1.166625	0.973036	-2.34935	2.270320

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 9.5143	{2} - 11.675	{3} - 9.4952	{4} - 7.4693	{5} - 10.698	{6} - 6.9216	{7} - 7.8877	{8} - 5.3163	{9} - 7.2842	{10} - 5.3717	{11} - 6.8742	{12} - 6.2482	{13} - 8.4078	{14} - 7.1044	{15} - 5.4433	{16} - 3.5446	{17} - 6.3911	{18} - 6.9877	{19} - 3.5629	{20} - 3.5733
1	0	30		0.274759	0.992292	0.301055	0.572594	0.283038	0.500010	0.083363	0.288465	0.087466	0.274372	0.176877	0.597765	0.318204	0.093005	0.014412	0.138006	0.295433	0.014708	0.014878
2	0	60	0.274759		0.270567	0.034725	0.685246	0.024843	0.117882	0.009274	0.070327	0.003152	0.048135	0.025821	0.176780	0.030832	0.010734	0.000974	0.029903	0.026879	0.000999	0.001013
3	0	120	0.992292	0.270567		0.305563	0.617896	0.286575	0.443672	0.084756	0.359612	0.088915	0.212601	0.179397	0.651871	0.322031	0.055065	0.014719	0.199154	0.299074	0.005360	0.015194
4	0	180	0.301055	0.034725	0.305563		0.181877	0.820204	0.862119	0.305395	0.938767	0.384725	0.804947	0.560469	0.696970	0.879640	0.401095	0.063029	0.654642	0.841594	0.106842	0.064956
5	1	30	0.572594	0.685246	0.617896	0.181877		0.057508	0.156132	0.007222	0.105299	0.028634	0.114403	0.066682	0.275790	0.137662	0.030799	0.003542	0.041658	0.125447	0.003625	0.003672
6	1	60	0.283038	0.024843	0.286575	0.820204	0.057508		0.624546	0.416506	0.880386	0.460140	0.984303	0.779906	0.537661	0.930501	0.539799	0.162726	0.825730	0.974842	0.165005	0.166306
7	1	120	0.500010	0.117882	0.443672	0.862119	0.156132	0.624546		0.194050	0.802219	0.297450	0.628867	0.496615	0.829122	0.745143	0.244840	0.073358	0.534798	0.708812	0.040818	0.075257
8	1	180	0.083363	0.009274	0.084756	0.305395	0.007222	0.416506	0.194050		0.414704	0.981649	0.518244	0.656720	0.200984	0.458503	0.957976	0.398641	0.655667	0.488290	0.467255	0.406316
9	2	30	0.288465	0.070327	0.359612	0.938767	0.105299	0.880386	0.802219	0.414704		0.333344	0.835410	0.599760	0.592129	0.940523	0.445370	0.122486	0.670148	0.902069	0.124314	0.125359
10	2	60	0.087466	0.003152	0.088915	0.384725	0.028634	0.460140	0.297450	0.981649	0.333344		0.446903	0.656996	0.209122	0.409088	0.976312	0.448771	0.672346	0.441276	0.453330	0.455924
11	2	120	0.274372	0.048135	0.212601	0.804947	0.114403	0.984303	0.628867	0.518244	0.835410	0.446903		0.751095	0.524789	0.923881	0.495208	0.168660	0.841080	0.962427	0.116024	0.172338
12	2	180	0.176877	0.025821	0.179397	0.560469	0.066682	0.779906	0.496615	0.656720	0.599760	0.656996	0.751095		0.370877	0.722389	0.738354	0.198623	0.952726	0.758948	0.266275	0.203406
13	3	30	0.597765	0.176780	0.651871	0.696970	0.275790	0.537661	0.829122	0.200984	0.592129	0.209122	0.524789	0.370877		0.509262	0.134785	0.014918	0.336890	0.555873	0.046130	0.046592
14	3	60	0.318204	0.030832	0.322031	0.879640	0.137662	0.930501	0.745143	0.458503	0.940523	0.409088	0.923881	0.722389	0.509262		0.400525	0.073109	0.767212	0.955597	0.143372	0.144540
15	3	120	0.093005	0.010734	0.055065	0.401095	0.030799	0.539799	0.244840	0.957976	0.445370	0.976312	0.495208	0.738354	0.134785	0.400525		0.336820	0.694121	0.521858	0.370457	0.438245
16	3	180	0.014412	0.000974	0.014719	0.063029	0.003542	0.162726	0.073358	0.398641	0.122486	0.448771	0.168660	0.198623	0.014918	0.073109	0.336820		0.238782	0.154720	0.993921	0.989056
17	4	30	0.138006	0.029903	0.199154	0.654642	0.041658	0.825730	0.534798	0.655667	0.670148	0.672346	0.841080	0.952726	0.336890	0.767212	0.694121	0.238782		0.762395	0.153493	0.154997

18	4	60	0.295433	0.026879	0.299074	0.841594	0.125447	0.974842	0.708812	0.488290	0.902069	0.441276	0.962427	0.758948	0.555873	0.955597	0.521858	0.154720	0.762395		0.084526	0.085462
19	4	120	0.014708	0.000999	0.005360	0.106842	0.003625	0.165005	0.040818	0.467255	0.124314	0.453330	0.116024	0.266275	0.046130	0.143372	0.370457	0.993921	0.153493	0.084526		0.995797
20	4	180	0.014878	0.001013	0.015194	0.064956	0.003672	0.166306	0.075257	0.406316	0.125359	0.455924	0.172338	0.203406	0.046592	0.144540	0.438245	0.989056	0.154997	0.085462	0.995797	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-2.16027	1.968929	0.274759	-6.05862	1.73807
{1}-{3}	0*30	0*120	0.01906	1.968929	0.992292	-3.87928	3.91740
{1}-{4}	0*30	0*180	2.04503	1.968929	0.301055	-1.85331	5.94337
{1}-{5}	0*30	1*30	-1.18341	2.091608	0.572594	-5.32465	2.95783
{1}-{6}	0*30	1*60	2.59268	2.404291	0.283038	-2.16765	7.35301
{1}-{7}	0*30	1*120	1.62656	2.404291	0.500010	-3.13377	6.38689
{1}-{8}	0*30	1*180	4.19798	2.404291	0.083363	-0.56234	8.95831
{1}-{9}	0*30	2*30	2.23011	2.091608	0.288465	-1.91112	6.37135
{1}-{10}	0*30	2*60	4.14257	2.404291	0.087466	-0.61776	8.90290
{1}-{11}	0*30	2*120	2.64008	2.404291	0.274372	-2.12025	7.40041
{1}-{12}	0*30	2*180	3.26605	2.404291	0.176877	-1.49428	8.02638
{1}-{13}	0*30	3*30	1.10652	2.091608	0.597765	-3.03472	5.24775
{1}-{14}	0*30	3*60	2.40988	2.404291	0.318204	-2.35045	7.17021
{1}-{15}	0*30	3*120	4.07103	2.404291	0.093005	-0.68930	8.83136
{1}-{16}	0*30	3*180	5.96973	2.404291	0.014412	1.20940	10.73006

{1}-{17}	0*30	4*30	3.12322	2.091608	0.138006	-1.01802	7.26446
{1}-{18}	0*30	4*60	2.52658	2.404291	0.295433	-2.23375	7.28691
{1}-{19}	0*30	4*120	5.95137	2.404291	0.014708	1.19104	10.71170
{1}-{20}	0*30	4*180	5.94098	2.404291	0.014878	1.18065	10.70131
{2}-{3}	0*60	0*120	2.17933	1.968929	0.270567	-1.71901	6.07768
{2}-{4}	0*60	0*180	4.20530	1.968929	0.034725	0.30696	8.10365
{2}-{5}	0*60	1*30	0.97686	2.404291	0.685246	-3.78347	5.73719
{2}-{6}	0*60	1*60	4.75295	2.091608	0.024843	0.61172	8.89419
{2}-{7}	0*60	1*120	3.78683	2.404291	0.117882	-0.97350	8.54716
{2}-{8}	0*60	1*180	6.35826	2.404291	0.009274	1.59793	11.11859
{2}-{9}	0*60	2*30	4.39039	2.404291	0.070327	-0.36994	9.15072
{2}-{10}	0*60	2*60	6.30284	2.091608	0.003152	2.16160	10.44408
{2}-{11}	0*60	2*120	4.80036	2.404291	0.048135	0.04003	9.56069
{2}-{12}	0*60	2*180	5.42633	2.404291	0.025821	0.66600	10.18666
{2}-{13}	0*60	3*30	3.26679	2.404291	0.176780	-1.49354	8.02712
{2}-{14}	0*60	3*60	4.57015	2.091608	0.030832	0.42891	8.71139
{2}-{15}	0*60	3*120	6.23130	2.404291	0.010734	1.47097	10.99163
{2}-{16}	0*60	3*180	8.13000	2.404291	0.000974	3.36967	12.89033
{2}-{17}	0*60	4*30	5.28349	2.404291	0.029903	0.52316	10.04382
{2}-{18}	0*60	4*60	4.68686	2.091608	0.026879	0.54562	8.82809
{2}-{19}	0*60	4*120	8.11164	2.404291	0.000999	3.35131	12.87197
{2}-{20}	0*60	4*180	8.10125	2.404291	0.001013	3.34092	12.86158
{3}-{4}	0*120	0*180	2.02597	1.968929	0.305563	-1.87237	5.92431
{3}-{5}	0*120	1*30	-1.20247	2.404291	0.617896	-5.96280	3.55786
{3}-{6}	0*120	1*60	2.57362	2.404291	0.286575	-2.18671	7.33395
{3}-{7}	0*120	1*120	1.60750	2.091608	0.443672	-2.53374	5.74874

{3}-{8}	0*120	1*180	4.17892	2.404291	0.084756	-0.58141	8.93925
{3}-{9}	0*120	2*30	2.21105	2.404291	0.359612	-2.54928	6.97138
{3}-{10}	0*120	2*60	4.12351	2.404291	0.088915	-0.63682	8.88384
{3}-{11}	0*120	2*120	2.62102	2.091608	0.212601	-1.52022	6.76226
{3}-{12}	0*120	2*180	3.24699	2.404291	0.179397	-1.51334	8.00732
{3}-{13}	0*120	3*30	1.08745	2.404291	0.651871	-3.67288	5.84778
{3}-{14}	0*120	3*60	2.39082	2.404291	0.322031	-2.36951	7.15115
{3}-{15}	0*120	3*120	4.05197	2.091608	0.055065	-0.08927	8.19321
{3}-{16}	0*120	3*180	5.95067	2.404291	0.014719	1.19034	10.71100
{3}-{17}	0*120	4*30	3.10416	2.404291	0.199154	-1.65617	7.86449
{3}-{18}	0*120	4*60	2.50752	2.404291	0.299074	-2.25281	7.26785
{3}-{19}	0*120	4*120	5.93231	2.091608	0.005360	1.79107	10.07355
{3}-{20}	0*120	4*180	5.92192	2.404291	0.015194	1.16159	10.68225
{4}-{5}	0*180	1*30	-3.22844	2.404291	0.181877	-7.98877	1.53189
{4}-{6}	0*180	1*60	0.54765	2.404291	0.820204	-4.21268	5.30798
{4}-{7}	0*180	1*120	-0.41847	2.404291	0.862119	-5.17880	4.34186
{4}-{8}	0*180	1*180	2.15295	2.091608	0.305395	-1.98828	6.29419
{4}-{9}	0*180	2*30	0.18508	2.404291	0.938767	-4.57525	4.94541
{4}-{10}	0*180	2*60	2.09754	2.404291	0.384725	-2.66279	6.85787
{4}-{11}	0*180	2*120	0.59505	2.404291	0.804947	-4.16528	5.35538
{4}-{12}	0*180	2*180	1.22102	2.091608	0.560469	-2.92022	5.36226
{4}-{13}	0*180	3*30	-0.93852	2.404291	0.696970	-5.69884	3.82181
{4}-{14}	0*180	3*60	0.36485	2.404291	0.879640	-4.39548	5.12518
{4}-{15}	0*180	3*120	2.02600	2.404291	0.401095	-2.73433	6.78633
{4}-{16}	0*180	3*180	3.92470	2.091608	0.063029	-0.21654	8.06594
{4}-{17}	0*180	4*30	1.07819	2.404291	0.654642	-3.68214	5.83852

{4}-{18}	0*180	4*60	0.48155	2.404291	0.841594	-4.27878	5.24188
{4}-{19}	0*180	4*120	3.90634	2.404291	0.106842	-0.85399	8.66667
{4}-{20}	0*180	4*180	3.89595	2.091608	0.064956	-0.24529	8.03719
{5}-{6}	1*30	1*60	3.77609	1.968929	0.057508	-0.12225	7.67443
{5}-{7}	1*30	1*120	2.80997	1.968929	0.156132	-1.08837	6.70831
{5}-{8}	1*30	1*180	5.38139	1.968929	0.007222	1.48305	9.27974
{5}-{9}	1*30	2*30	3.41352	2.091608	0.105299	-0.72772	7.55476
{5}-{10}	1*30	2*60	5.32598	2.404291	0.028634	0.56565	10.08631
{5}-{11}	1*30	2*120	3.82349	2.404291	0.114403	-0.93684	8.58382
{5}-{12}	1*30	2*180	4.44946	2.404291	0.066682	-0.31087	9.20979
{5}-{13}	1*30	3*30	2.28992	2.091608	0.275790	-1.85131	6.43116
{5}-{14}	1*30	3*60	3.59329	2.404291	0.137662	-1.16704	8.35362
{5}-{15}	1*30	3*120	5.25444	2.404291	0.030799	0.49411	10.01477
{5}-{16}	1*30	3*180	7.15314	2.404291	0.003542	2.39281	11.91347
{5}-{17}	1*30	4*30	4.30663	2.091608	0.041658	0.16539	8.44787
{5}-{18}	1*30	4*60	3.70999	2.404291	0.125447	-1.05034	8.47032
{5}-{19}	1*30	4*120	7.13478	2.404291	0.003625	2.37445	11.89511
{5}-{20}	1*30	4*180	7.12439	2.404291	0.003672	2.36406	11.88472
{6}-{7}	1*60	1*120	-0.96612	1.968929	0.624546	-4.86446	2.93222
{6}-{8}	1*60	1*180	1.60530	1.968929	0.416506	-2.29304	5.50365
{6}-{9}	1*60	2*30	-0.36257	2.404291	0.880386	-5.12290	4.39776
{6}-{10}	1*60	2*60	1.54989	2.091608	0.460140	-2.59135	5.69112
{6}-{11}	1*60	2*120	0.04740	2.404291	0.984303	-4.71293	4.80773
{6}-{12}	1*60	2*180	0.67337	2.404291	0.779906	-4.08696	5.43370
{6}-{13}	1*60	3*30	-1.48617	2.404291	0.537661	-6.24650	3.27416
{6}-{14}	1*60	3*60	-0.18280	2.091608	0.930501	-4.32404	3.95844

{6}-{15}	1*60	3*120	1.47835	2.404291	0.539799	-3.28198	6.23868
{6}-{16}	1*60	3*180	3.37705	2.404291	0.162726	-1.38328	8.13738
{6}-{17}	1*60	4*30	0.53054	2.404291	0.825730	-4.22979	5.29087
{6}-{18}	1*60	4*60	-0.06610	2.091608	0.974842	-4.20734	4.07514
{6}-{19}	1*60	4*120	3.35869	2.404291	0.165005	-1.40164	8.11902
{6}-{20}	1*60	4*180	3.34830	2.404291	0.166306	-1.41203	8.10863
{7}-{8}	1*120	1*180	2.57142	1.968929	0.194050	-1.32692	6.46977
{7}-{9}	1*120	2*30	0.60355	2.404291	0.802219	-4.15678	5.36388
{7}-{10}	1*120	2*60	2.51601	2.404291	0.297450	-2.24432	7.27634
{7}-{11}	1*120	2*120	1.01352	2.091608	0.628867	-3.12772	5.15476
{7}-{12}	1*120	2*180	1.63949	2.404291	0.496615	-3.12084	6.39982
{7}-{13}	1*120	3*30	-0.52005	2.404291	0.829122	-5.28038	4.24028
{7}-{14}	1*120	3*60	0.78332	2.404291	0.745143	-3.97701	5.54365
{7}-{15}	1*120	3*120	2.44447	2.091608	0.244840	-1.69677	6.58571
{7}-{16}	1*120	3*180	4.34317	2.404291	0.073358	-0.41716	9.10350
{7}-{17}	1*120	4*30	1.49666	2.404291	0.534798	-3.26367	6.25699
{7}-{18}	1*120	4*60	0.90002	2.404291	0.708812	-3.86031	5.66035
{7}-{19}	1*120	4*120	4.32481	2.091608	0.040818	0.18357	8.46605
{7}-{20}	1*120	4*180	4.31442	2.404291	0.075257	-0.44591	9.07475
{8}-{9}	1*180	2*30	-1.96787	2.404291	0.414704	-6.72820	2.79246
{8}-{10}	1*180	2*60	-0.05542	2.404291	0.981649	-4.81575	4.70491
{8}-{11}	1*180	2*120	-1.55790	2.404291	0.518244	-6.31823	3.20243
{8}-{12}	1*180	2*180	-0.93193	2.091608	0.656720	-5.07317	3.20931
{8}-{13}	1*180	3*30	-3.09147	2.404291	0.200984	-7.85180	1.66886
{8}-{14}	1*180	3*60	-1.78811	2.404291	0.458503	-6.54844	2.97222
{8}-{15}	1*180	3*120	-0.12695	2.404291	0.957976	-4.88728	4.63338

{8}-{16}	1*180	3*180	1.77174	2.091608	0.398641	-2.36950	5.91298
{8}-{17}	1*180	4*30	-1.07477	2.404291	0.655667	-5.83509	3.68556
{8}-{18}	1*180	4*60	-1.67140	2.404291	0.488290	-6.43173	3.08893
{8}-{19}	1*180	4*120	1.75339	2.404291	0.467255	-3.00694	6.51372
{8}-{20}	1*180	4*180	1.74299	2.091608	0.406316	-2.39825	5.88423
{9}-{10}	2*30	2*60	1.91245	1.968929	0.333344	-1.98589	5.81080
{9}-{11}	2*30	2*120	0.40997	1.968929	0.835410	-3.48837	4.30831
{9}-{12}	2*30	2*180	1.03594	1.968929	0.599760	-2.86240	4.93428
{9}-{13}	2*30	3*30	-1.12360	2.091608	0.592129	-5.26484	3.01764
{9}-{14}	2*30	3*60	0.17977	2.404291	0.940523	-4.58056	4.94009
{9}-{15}	2*30	3*120	1.84092	2.404291	0.445370	-2.91941	6.60125
{9}-{16}	2*30	3*180	3.73961	2.404291	0.122486	-1.02072	8.49994
{9}-{17}	2*30	4*30	0.89311	2.091608	0.670148	-3.24813	5.03434
{9}-{18}	2*30	4*60	0.29647	2.404291	0.902069	-4.46386	5.05680
{9}-{19}	2*30	4*120	3.72126	2.404291	0.124314	-1.03907	8.48159
{9}-{20}	2*30	4*180	3.71086	2.404291	0.125359	-1.04947	8.47119
{10}-{11}	2*60	2*120	-1.50248	1.968929	0.446903	-5.40083	2.39586
{10}-{12}	2*60	2*180	-0.87652	1.968929	0.656996	-4.77486	3.02183
{10}-{13}	2*60	3*30	-3.03605	2.404291	0.209122	-7.79638	1.72428
{10}-{14}	2*60	3*60	-1.73269	2.091608	0.409088	-5.87393	2.40855
{10}-{15}	2*60	3*120	-0.07154	2.404291	0.976312	-4.83187	4.68879
{10}-{16}	2*60	3*180	1.82716	2.404291	0.448771	-2.93317	6.58749
{10}-{17}	2*60	4*30	-1.01935	2.404291	0.672346	-5.77968	3.74098
{10}-{18}	2*60	4*60	-1.61598	2.091608	0.441276	-5.75722	2.52525
{10}-{19}	2*60	4*120	1.80880	2.404291	0.453330	-2.95153	6.56913
{10}-{20}	2*60	4*180	1.79841	2.404291	0.455924	-2.96192	6.55874

{11}-{12}	2*120	2*180	0.62597	1.968929	0.751095	-3.27237	4.52431
{11}-{13}	2*120	3*30	-1.53357	2.404291	0.524789	-6.29390	3.22676
{11}-{14}	2*120	3*60	-0.23020	2.404291	0.923881	-4.99053	4.53013
{11}-{15}	2*120	3*120	1.43095	2.091608	0.495208	-2.71029	5.57219
{11}-{16}	2*120	3*180	3.32964	2.404291	0.168660	-1.43069	8.08997
{11}-{17}	2*120	4*30	0.48314	2.404291	0.841080	-4.27719	5.24347
{11}-{18}	2*120	4*60	-0.11350	2.404291	0.962427	-4.87383	4.64683
{11}-{19}	2*120	4*120	3.31129	2.091608	0.116024	-0.82995	7.45253
{11}-{20}	2*120	4*180	3.30089	2.404291	0.172338	-1.45944	8.06122
{12}-{13}	2*180	3*30	-2.15954	2.404291	0.370877	-6.91987	2.60079
{12}-{14}	2*180	3*60	-0.85617	2.404291	0.722389	-5.61650	3.90416
{12}-{15}	2*180	3*120	0.80498	2.404291	0.738354	-3.95535	5.56531
{12}-{16}	2*180	3*180	2.70367	2.091608	0.198623	-1.43756	6.84491
{12}-{17}	2*180	4*30	-0.14283	2.404291	0.952726	-4.90316	4.61750
{12}-{18}	2*180	4*60	-0.73947	2.404291	0.758948	-5.49980	4.02086
{12}-{19}	2*180	4*120	2.68532	2.404291	0.266275	-2.07501	7.44565
{12}-{20}	2*180	4*180	2.67492	2.091608	0.203406	-1.46631	6.81616
{13}-{14}	3*30	3*60	1.30336	1.968929	0.509262	-2.59498	5.20171
{13}-{15}	3*30	3*120	2.96452	1.968929	0.134785	-0.93383	6.86286
{13}-{16}	3*30	3*180	4.86321	1.968929	0.014918	0.96487	8.76156
{13}-{17}	3*30	4*30	2.01670	2.091608	0.336890	-2.12453	6.15794
{13}-{18}	3*30	4*60	1.42007	2.404291	0.555873	-3.34026	6.18040
{13}-{19}	3*30	4*120	4.84486	2.404291	0.046130	0.08453	9.60519
{13}-{20}	3*30	4*180	4.83446	2.404291	0.046592	0.07413	9.59479
{14}-{15}	3*60	3*120	1.66115	1.968929	0.400525	-2.23719	5.55949
{14}-{16}	3*60	3*180	3.55985	1.968929	0.073109	-0.33849	7.45819





1	0	30		0.722622	0.792299	0.087589	0.286052	0.999304	0.905741	0.078976	0.931382	0.821711	0.157154	0.510315	0.843789	0.901146	0.042286	0.014153	0.423709	0.193814	0.088059	0.011680	
2	0	60	0.722622		0.926949	0.039832	0.548447	0.701083	0.650332	0.037154	0.795091	0.522162	0.081060	0.321207	0.611996	0.599825	0.018482	0.005531	0.301299	0.062910	0.041999	0.004484	
3	0	120	0.792299	0.926949		0.049287	0.492465	0.803058	0.675019	0.045525	0.862492	0.635715	0.058288	0.364968	0.673891	0.709401	0.009639	0.007107	0.343306	0.122397	0.026256	0.005788	
4	0	180	0.087589	0.039832	0.049287		0.011613	0.106878	0.134495	0.867487	0.091545	0.164212	0.840391	0.272197	0.148927	0.135991	0.670030	0.325226	0.357810	0.750474	0.925035	0.287146	
5	1	30	0.286052	0.548447	0.492465	0.011613		0.322041	0.265297	0.004841	0.326454	0.246971	0.019828	0.112697	0.206871	0.290346	0.003384	0.000836	0.063315	0.026648	0.008949	0.000657	
6	1	60	0.999304	0.701083	0.803058	0.106878	0.322041		0.900884	0.063029	0.939252	0.797525	0.157407	0.510874	0.863803	0.887893	0.042372	0.014187	0.484367	0.138196	0.088219	0.011708	
7	1	120	0.905741	0.650332	0.675019	0.134495	0.265297	0.900884		0.082399	0.846381	0.914828	0.138457	0.589059	0.956933	0.995371	0.028975	0.019330	0.560528	0.237166	0.069741	0.016055	
8	1	180	0.078976	0.037154	0.045525	0.867487	0.004841	0.063029	0.082399		0.067176	0.124762	0.728355	0.206437	0.112459	0.102120	0.779301	0.413492	0.287039	0.642745	0.958611	0.368893	
9	2	30	0.931382	0.795091	0.862492	0.091545	0.326454	0.939252	0.846381	0.067176		0.750060	0.114816	0.437123	0.777081	0.841841	0.035375	0.011543	0.375765	0.169480	0.075134	0.009488	
10	2	60	0.821711	0.522162	0.635715	0.164212	0.246971	0.797525	0.914828	0.124762	0.750060		0.206842	0.646081	0.957772	0.907964	0.070221	0.025377	0.634579	0.219108	0.137828	0.021202	
11	2	120	0.157154	0.081060	0.058288	0.840391	0.019828	0.157407	0.138457	0.728355	0.114816	0.206842		0.420241	0.213429	0.196388	0.473600	0.288514	0.472149	0.907123	0.735614	0.257693	
12	2	180	0.510315	0.321207	0.364968	0.272197	0.112697	0.510874	0.589059	0.206437	0.437123	0.646081	0.420241		0.626765	0.593059	0.166412	0.038646	0.966547	0.519268	0.291539	0.031804	
13	3	30	0.843789	0.611996	0.673891	0.148927	0.206871	0.863803	0.956933	0.112459	0.777081	0.957772	0.213429	0.626765		0.959267	0.048658	0.015521	0.546144	0.259089	0.124507	0.018496	
14	3	60	0.901146	0.599825	0.709401	0.135991	0.290346	0.887893	0.995371	0.102120	0.841841	0.907964	0.196388	0.593059	0.959267		0.043239	0.013542	0.564435	0.179168	0.113285	0.016303	
15	3	120	0.042286	0.018482	0.009639	0.670030	0.003384	0.042372	0.028975	0.779301	0.035375	0.070221	0.473600	0.166412	0.048658	0.043239			0.644079	0.179476	0.457185	0.704285	0.612191
16	3	180	0.014153	0.005531	0.007107	0.325226	0.000836	0.014187	0.019330	0.413492	0.011543	0.025377	0.288514	0.038646	0.015521	0.013542	0.644079		0.076401	0.239138	0.442820	0.935316	
17	4	30	0.423709	0.301299	0.343306	0.357810	0.063315	0.484367	0.560528	0.287039	0.375765	0.634579	0.472149	0.966547	0.546144	0.564435	0.179476	0.076401		0.523154	0.283187	0.051224	
18	4	60	0.193814	0.062910	0.122397	0.750474	0.026648	0.138196	0.237166	0.642745	0.169480	0.219108	0.907123	0.519268	0.259089	0.179168	0.457185	0.239138	0.523154		0.662426	0.186394	
19	4	120	0.088059	0.041999	0.026256	0.925035	0.008949	0.088219	0.069741	0.958611	0.075134	0.137828	0.735614	0.291539	0.124507	0.113285	0.704285	0.442820	0.283187	0.662426		0.374566	
20	4	180	0.011680	0.004484	0.005788	0.287146	0.000657	0.011708	0.016055	0.368893	0.009488	0.021202	0.257693	0.031804	0.018496	0.016303	0.612191	0.935316	0.051224	0.186394	0.374566		

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons							
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.78576	2.208483	0.722622	-5.1584	3.58688
{1}-{3}	0*30	0*120	-0.58285	2.208483	0.792299	-4.9555	3.78979
{1}-{4}	0*30	0*180	3.80370	2.208483	0.087589	-0.5689	8.17634
{1}-{5}	0*30	1*30	-2.19402	2.047426	0.286052	-6.2478	1.85975
{1}-{6}	0*30	1*60	0.00205	2.340100	0.999304	-4.6312	4.63528
{1}-{7}	0*30	1*120	0.27768	2.340100	0.905741	-4.3556	4.91092
{1}-{8}	0*30	1*180	4.14605	2.340100	0.078976	-0.4872	8.77928
{1}-{9}	0*30	2*30	-0.17667	2.047426	0.931382	-4.2304	3.87709
{1}-{10}	0*30	2*60	0.52848	2.340100	0.821711	-4.1048	5.16172
{1}-{11}	0*30	2*120	3.33139	2.340100	0.157154	-1.3018	7.96463
{1}-{12}	0*30	2*180	1.54521	2.340100	0.510315	-3.0880	6.17845
{1}-{13}	0*30	3*30	0.40432	2.047426	0.843789	-3.6494	4.45808
{1}-{14}	0*30	3*60	0.29129	2.340100	0.901146	-4.3419	4.92452
{1}-{15}	0*30	3*120	4.80329	2.340100	0.042286	0.1701	9.43652
{1}-{16}	0*30	3*180	5.82620	2.340100	0.014153	1.1930	10.45943
{1}-{17}	0*30	4*30	1.64356	2.047426	0.423709	-2.4102	5.69732
{1}-{18}	0*30	4*60	3.05780	2.340100	0.193814	-1.5754	7.69104
{1}-{19}	0*30	4*120	4.02435	2.340100	0.088059	-0.6089	8.65758
{1}-{20}	0*30	4*180	5.99271	2.340100	0.011680	1.3595	10.62595
{2}-{3}	0*60	0*120	0.20291	2.208483	0.926949	-4.1697	4.57555
{2}-{4}	0*60	0*180	4.58945	2.208483	0.039832	0.2168	8.96210
{2}-{5}	0*60	1*30	-1.40826	2.340100	0.548447	-6.0415	3.22498
{2}-{6}	0*60	1*60	0.78780	2.047426	0.701083	-3.2660	4.84156
{2}-{7}	0*60	1*120	1.06344	2.340100	0.650332	-3.5698	5.69667

{2}-{8}	0*60	1*180	4.93180	2.340100	0.037154	0.2986	9.56504
{2}-{9}	0*60	2*30	0.60909	2.340100	0.795091	-4.0241	5.24233
{2}-{10}	0*60	2*60	1.31424	2.047426	0.522162	-2.7395	5.36800
{2}-{11}	0*60	2*120	4.11715	2.340100	0.081060	-0.5161	8.75039
{2}-{12}	0*60	2*180	2.33097	2.340100	0.321207	-2.3023	6.96420
{2}-{13}	0*60	3*30	1.19008	2.340100	0.611996	-3.4432	5.82331
{2}-{14}	0*60	3*60	1.07705	2.047426	0.599825	-2.9767	5.13081
{2}-{15}	0*60	3*120	5.58905	2.340100	0.018482	0.9558	10.22228
{2}-{16}	0*60	3*180	6.61195	2.340100	0.005531	1.9787	11.24519
{2}-{17}	0*60	4*30	2.42932	2.340100	0.301299	-2.2039	7.06255
{2}-{18}	0*60	4*60	3.84356	2.047426	0.062910	-0.2102	7.89732
{2}-{19}	0*60	4*120	4.81011	2.340100	0.041999	0.1769	9.44334
{2}-{20}	0*60	4*180	6.77847	2.340100	0.004484	2.1452	11.41170
{3}-{4}	0*120	0*180	4.38655	2.208483	0.049287	0.0139	8.75919
{3}-{5}	0*120	1*30	-1.61117	2.340100	0.492465	-6.2444	3.02207
{3}-{6}	0*120	1*60	0.58489	2.340100	0.803058	-4.0483	5.21813
{3}-{7}	0*120	1*120	0.86053	2.047426	0.675019	-3.1932	4.91429
{3}-{8}	0*120	1*180	4.72889	2.340100	0.045525	0.0957	9.36213
{3}-{9}	0*120	2*30	0.40618	2.340100	0.862492	-4.2271	5.03942
{3}-{10}	0*120	2*60	1.11133	2.340100	0.635715	-3.5219	5.74457
{3}-{11}	0*120	2*120	3.91424	2.047426	0.058288	-0.1395	7.96800
{3}-{12}	0*120	2*180	2.12806	2.340100	0.364968	-2.5052	6.76130
{3}-{13}	0*120	3*30	0.98717	2.340100	0.673891	-3.6461	5.62040
{3}-{14}	0*120	3*60	0.87414	2.340100	0.709401	-3.7591	5.50737
{3}-{15}	0*120	3*120	5.38614	2.047426	0.009639	1.3324	9.43990
{3}-{16}	0*120	3*180	6.40905	2.340100	0.007107	1.7758	11.04228

{3}-{17}	0*120	4*30	2.22641	2.340100	0.343306	-2.4068	6.85964
{3}-{18}	0*120	4*60	3.64065	2.340100	0.122397	-0.9926	8.27389
{3}-{19}	0*120	4*120	4.60720	2.047426	0.026256	0.5534	8.66096
{3}-{20}	0*120	4*180	6.57556	2.340100	0.005788	1.9423	11.20880
{4}-{5}	0*180	1*30	-5.99771	2.340100	0.011613	-10.6309	-1.36448
{4}-{6}	0*180	1*60	-3.80165	2.340100	0.106878	-8.4349	0.83158
{4}-{7}	0*180	1*120	-3.52602	2.340100	0.134495	-8.1593	1.10722
{4}-{8}	0*180	1*180	0.34235	2.047426	0.867487	-3.7114	4.39611
{4}-{9}	0*180	2*30	-3.98036	2.340100	0.091545	-8.6136	0.65287
{4}-{10}	0*180	2*60	-3.27521	2.340100	0.164212	-7.9084	1.35802
{4}-{11}	0*180	2*120	-0.47230	2.340100	0.840391	-5.1055	4.16093
{4}-{12}	0*180	2*180	-2.25848	2.047426	0.272197	-6.3122	1.79528
{4}-{13}	0*180	3*30	-3.39938	2.340100	0.148927	-8.0326	1.23386
{4}-{14}	0*180	3*60	-3.51241	2.340100	0.135991	-8.1456	1.12083
{4}-{15}	0*180	3*120	0.99959	2.340100	0.670030	-3.6336	5.63283
{4}-{16}	0*180	3*180	2.02250	2.047426	0.325226	-2.0313	6.07626
{4}-{17}	0*180	4*30	-2.16014	2.340100	0.357810	-6.7934	2.47310
{4}-{18}	0*180	4*60	-0.74589	2.340100	0.750474	-5.3791	3.88734
{4}-{19}	0*180	4*120	0.22065	2.340100	0.925035	-4.4126	4.85389
{4}-{20}	0*180	4*180	2.18902	2.047426	0.287146	-1.8647	6.24278
{5}-{6}	1*30	1*60	2.19606	2.208483	0.322041	-2.1766	6.56870
{5}-{7}	1*30	1*120	2.47170	2.208483	0.265297	-1.9009	6.84434
{5}-{8}	1*30	1*180	6.34006	2.208483	0.004841	1.9674	10.71270
{5}-{9}	1*30	2*30	2.01735	2.047426	0.326454	-2.0364	6.07111
{5}-{10}	1*30	2*60	2.72250	2.340100	0.246971	-1.9107	7.35574
{5}-{11}	1*30	2*120	5.52541	2.340100	0.019828	0.8922	10.15864

{5}-{12}	1*30	2*180	3.73923	2.340100	0.112697	-0.8940	8.37246
{5}-{13}	1*30	3*30	2.59833	2.047426	0.206871	-1.4554	6.65209
{5}-{14}	1*30	3*60	2.48530	2.340100	0.290346	-2.1479	7.11854
{5}-{15}	1*30	3*120	6.99730	2.340100	0.003384	2.3641	11.63054
{5}-{16}	1*30	3*180	8.02021	2.340100	0.000836	3.3870	12.65345
{5}-{17}	1*30	4*30	3.83758	2.047426	0.063315	-0.2162	7.89134
{5}-{18}	1*30	4*60	5.25182	2.340100	0.026648	0.6186	9.88505
{5}-{19}	1*30	4*120	6.21836	2.340100	0.008949	1.5851	10.85160
{5}-{20}	1*30	4*180	8.18673	2.340100	0.000657	3.5535	12.81996
{6}-{7}	1*60	1*120	0.27564	2.208483	0.900884	-4.0970	4.64828
{6}-{8}	1*60	1*180	4.14400	2.208483	0.063029	-0.2286	8.51664
{6}-{9}	1*60	2*30	-0.17871	2.340100	0.939252	-4.8119	4.45452
{6}-{10}	1*60	2*60	0.52644	2.047426	0.797525	-3.5273	4.58020
{6}-{11}	1*60	2*120	3.32935	2.340100	0.157407	-1.3039	7.96258
{6}-{12}	1*60	2*180	1.54317	2.340100	0.510874	-3.0901	6.17640
{6}-{13}	1*60	3*30	0.40227	2.340100	0.863803	-4.2310	5.03551
{6}-{14}	1*60	3*60	0.28924	2.047426	0.887893	-3.7645	4.34300
{6}-{15}	1*60	3*120	4.80124	2.340100	0.042372	0.1680	9.43448
{6}-{16}	1*60	3*180	5.82415	2.340100	0.014187	1.1909	10.45739
{6}-{17}	1*60	4*30	1.64152	2.340100	0.484367	-2.9917	6.27475
{6}-{18}	1*60	4*60	3.05576	2.047426	0.138196	-0.9980	7.10952
{6}-{19}	1*60	4*120	4.02230	2.340100	0.088219	-0.6109	8.65554
{6}-{20}	1*60	4*180	5.99067	2.340100	0.011708	1.3574	10.62390
{7}-{8}	1*120	1*180	3.86836	2.208483	0.082399	-0.5043	8.24101
{7}-{9}	1*120	2*30	-0.45435	2.340100	0.846381	-5.0876	4.17889
{7}-{10}	1*120	2*60	0.25080	2.340100	0.914828	-4.3824	4.88404

{7}-{11}	1*120	2*120	3.05371	2.047426	0.138457	-1.0000	7.10747
{7}-{12}	1*120	2*180	1.26753	2.340100	0.589059	-3.3657	5.90077
{7}-{13}	1*120	3*30	0.12664	2.340100	0.956933	-4.5066	4.75987
{7}-{14}	1*120	3*60	0.01361	2.340100	0.995371	-4.6196	4.64684
{7}-{15}	1*120	3*120	4.52561	2.047426	0.028975	0.4718	8.57937
{7}-{16}	1*120	3*180	5.54852	2.340100	0.019330	0.9153	10.18175
{7}-{17}	1*120	4*30	1.36588	2.340100	0.560528	-3.2674	5.99911
{7}-{18}	1*120	4*60	2.78012	2.340100	0.237166	-1.8531	7.41336
{7}-{19}	1*120	4*120	3.74667	2.047426	0.069741	-0.3071	7.80043
{7}-{20}	1*120	4*180	5.71503	2.340100	0.016055	1.0818	10.34827
{8}-{9}	1*180	2*30	-4.32271	2.340100	0.067176	-8.9559	0.31052
{8}-{10}	1*180	2*60	-3.61756	2.340100	0.124762	-8.2508	1.01567
{8}-{11}	1*180	2*120	-0.81465	2.340100	0.728355	-5.4479	3.81858
{8}-{12}	1*180	2*180	-2.60083	2.047426	0.206437	-6.6546	1.45293
{8}-{13}	1*180	3*30	-3.74173	2.340100	0.112459	-8.3750	0.89151
{8}-{14}	1*180	3*60	-3.85476	2.340100	0.102120	-8.4880	0.77848
{8}-{15}	1*180	3*120	0.65724	2.340100	0.779301	-3.9760	5.29048
{8}-{16}	1*180	3*180	1.68015	2.047426	0.413492	-2.3736	5.73391
{8}-{17}	1*180	4*30	-2.50248	2.340100	0.287039	-7.1357	2.13075
{8}-{18}	1*180	4*60	-1.08824	2.340100	0.642745	-5.7215	3.54499
{8}-{19}	1*180	4*120	-0.12170	2.340100	0.958611	-4.7549	4.51154
{8}-{20}	1*180	4*180	1.84667	2.047426	0.368893	-2.2071	5.90043
{9}-{10}	2*30	2*60	0.70515	2.208483	0.750060	-3.6675	5.07779
{9}-{11}	2*30	2*120	3.50806	2.208483	0.114816	-0.8646	7.88070
{9}-{12}	2*30	2*180	1.72188	2.208483	0.437123	-2.6508	6.09452
{9}-{13}	2*30	3*30	0.58098	2.047426	0.777081	-3.4728	4.63475

{9}-{14}	2*30	3*60	0.46795	2.340100	0.841841	-4.1653	5.10119
{9}-{15}	2*30	3*120	4.97995	2.340100	0.035375	0.3467	9.61319
{9}-{16}	2*30	3*180	6.00286	2.340100	0.011543	1.3696	10.63610
{9}-{17}	2*30	4*30	1.82023	2.047426	0.375765	-2.2335	5.87399
{9}-{18}	2*30	4*60	3.23447	2.340100	0.169480	-1.3988	7.86770
{9}-{19}	2*30	4*120	4.20102	2.340100	0.075134	-0.4322	8.83425
{9}-{20}	2*30	4*180	6.16938	2.340100	0.009488	1.5361	10.80261
{10}-{11}	2*60	2*120	2.80291	2.208483	0.206842	-1.5697	7.17555
{10}-{12}	2*60	2*180	1.01673	2.208483	0.646081	-3.3559	5.38937
{10}-{13}	2*60	3*30	-0.12417	2.340100	0.957772	-4.7574	4.50907
{10}-{14}	2*60	3*60	-0.23720	2.047426	0.907964	-4.2910	3.81656
{10}-{15}	2*60	3*120	4.27480	2.340100	0.070221	-0.3584	8.90804
{10}-{16}	2*60	3*180	5.29771	2.340100	0.025377	0.6645	9.93095
{10}-{17}	2*60	4*30	1.11508	2.340100	0.634579	-3.5182	5.74831
{10}-{18}	2*60	4*60	2.52932	2.047426	0.219108	-1.5244	6.58308
{10}-{19}	2*60	4*120	3.49586	2.340100	0.137828	-1.1374	8.12910
{10}-{20}	2*60	4*180	5.46423	2.340100	0.021202	0.8310	10.09746
{11}-{12}	2*120	2*180	-1.78618	2.208483	0.420241	-6.1588	2.58646
{11}-{13}	2*120	3*30	-2.92708	2.340100	0.213429	-7.5603	1.70616
{11}-{14}	2*120	3*60	-3.04011	2.340100	0.196388	-7.6733	1.59313
{11}-{15}	2*120	3*120	1.47189	2.047426	0.473600	-2.5819	5.52565
{11}-{16}	2*120	3*180	2.49480	2.340100	0.288514	-2.1384	7.12804
{11}-{17}	2*120	4*30	-1.68783	2.340100	0.472149	-6.3211	2.94540
{11}-{18}	2*120	4*60	-0.27359	2.340100	0.907123	-4.9068	4.35964
{11}-{19}	2*120	4*120	0.69295	2.047426	0.735614	-3.3608	4.74672
{11}-{20}	2*120	4*180	2.66132	2.340100	0.257693	-1.9719	7.29455



{12}-{13}	2*180	3*30	-1.14089	2.340100	0.626765	-5.7741	3.49234
{12}-{14}	2*180	3*60	-1.25392	2.340100	0.593059	-5.8872	3.37931
{12}-{15}	2*180	3*120	3.25808	2.340100	0.166412	-1.3752	7.89131
{12}-{16}	2*180	3*180	4.28098	2.047426	0.038646	0.2272	8.33475
{12}-{17}	2*180	4*30	0.09835	2.340100	0.966547	-4.5349	4.73158
{12}-{18}	2*180	4*60	1.51259	2.340100	0.519268	-3.1206	6.14583
{12}-{19}	2*180	4*120	2.47914	2.340100	0.291539	-2.1541	7.11237
{12}-{20}	2*180	4*180	4.44750	2.047426	0.031804	0.3937	8.50126
{13}-{14}	3*30	3*60	-0.11303	2.208483	0.959267	-4.4857	4.25961
{13}-{15}	3*30	3*120	4.39897	2.208483	0.048658	0.0263	8.77161
{13}-{16}	3*30	3*180	5.42188	2.208483	0.015521	1.0492	9.79452
{13}-{17}	3*30	4*30	1.23924	2.047426	0.546144	-2.8145	5.29300
{13}-{18}	3*30	4*60	2.65348	2.340100	0.259089	-1.9798	7.28672
{13}-{19}	3*30	4*120	3.62003	2.340100	0.124507	-1.0132	8.25327
{13}-{20}	3*30	4*180	5.58839	2.340100	0.018496	0.9552	10.22163
{14}-{15}	3*60	3*120	4.51200	2.208483	0.043239	0.1394	8.88464
{14}-{16}	3*60	3*180	5.53491	2.208483	0.013542	1.1623	9.90755
{14}-{17}	3*60	4*30	1.35227	2.340100	0.564435	-3.2810	5.98551
{14}-{18}	3*60	4*60	2.76652	2.047426	0.179168	-1.2872	6.82028
{14}-{19}	3*60	4*120	3.73306	2.340100	0.113285	-0.9002	8.36630
{14}-{20}	3*60	4*180	5.70142	2.340100	0.016303	1.0682	10.33466
{15}-{16}	3*120	3*180	1.02291	2.208483	0.644079	-3.3497	5.39555
{15}-{17}	3*120	4*30	-3.15973	2.340100	0.179476	-7.7930	1.47351
{15}-{18}	3*120	4*60	-1.74548	2.340100	0.457185	-6.3787	2.88775
{15}-{19}	3*120	4*120	-0.77894	2.047426	0.704285	-4.8327	3.27482
{15}-{20}	3*120	4*180	1.18942	2.340100	0.612191	-3.4438	5.82266

{16}-{17}	3*180	4*30	-4.18264	2.340100	0.076401	-8.8159	0.45060
{16}-{18}	3*180	4*60	-2.76839	2.340100	0.239138	-7.4016	1.86484
{16}-{19}	3*180	4*120	-1.80185	2.340100	0.442820	-6.4351	2.83139
{16}-{20}	3*180	4*180	0.16652	2.047426	0.935316	-3.8872	4.22028
{17}-{18}	4*30	4*60	1.41424	2.208483	0.523154	-2.9584	5.78688
{17}-{19}	4*30	4*120	2.38079	2.208483	0.283187	-1.9919	6.75343
{17}-{20}	4*30	4*180	4.34915	2.208483	0.051224	-0.0235	8.72179
{18}-{19}	4*60	4*120	0.96655	2.208483	0.662426	-3.4061	5.33919
{18}-{20}	4*60	4*180	2.93491	2.208483	0.186394	-1.4377	7.30755
{19}-{20}	4*120	4*180	1.96836	2.208483	0.374566	-2.4043	6.34101

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 57.017	{2} - 55.088	{3} - 56.462	{4} - 62.027	{5} - 55.053	{6} - 56.287	{7} - 54.643	{8} - 62.763	{9} - 56.463	{10} - 60.188	{11} - 57.417	{12} - 56.810	{13} - 58.853	{14} - 59.933	{15} - 62.825	{16} - 62.845	{17} - 58.711	{18} - 61.582	{19} - 63.656	{20} - 65.167
1	0	30		0.526954	0.855393	0.102061	0.533657	0.824117	0.470310	0.082209	0.860509	0.335345	0.903193	0.949547	0.560715	0.375581	0.078989	0.077983	0.591431	0.166405	0.045086	0.014300
2	0	60	0.526954		0.652172	0.024247	0.991523	0.703796	0.892294	0.020867	0.675578	0.107684	0.478794	0.600433	0.253000	0.126281	0.019876	0.019569	0.271274	0.041216	0.010107	0.002611
3	0	120	0.855393	0.652172		0.069704	0.668103	0.957561	0.564338	0.056964	0.999709	0.257927	0.762067	0.915756	0.467150	0.291823	0.045391	0.053855	0.494001	0.120988	0.024008	0.009000
4	0	180	0.102061	0.024247	0.069704		0.035424	0.082498	0.026105	0.815559	0.092226	0.575850	0.162191	0.099905	0.334867	0.524102	0.808126	0.795427	0.313747	0.892066	0.620293	0.320507
5	1	30	0.533657	0.991523	0.668103	0.035424		0.685562	0.892995	0.012515	0.654866	0.119861	0.472243	0.593076	0.229560	0.139216	0.019338	0.019038	0.247362	0.048694	0.009813	0.002526
6	1	60	0.824117	0.703796	0.957561	0.082498	0.685562		0.589737	0.035248	0.957271	0.217506	0.730979	0.873676	0.435303	0.248948	0.048375	0.047709	0.461118	0.095082	0.026419	0.007745
7	1	120	0.470310	0.892294	0.564338	0.026105	0.892995	0.589737		0.008630	0.579777	0.093325	0.379825	0.509969	0.201510	0.109231	0.010490	0.013696	0.217058	0.036362	0.004939	0.001703
8	1	180	0.082209	0.020867	0.056964	0.815559	0.012515	0.035248	0.008630		0.057010	0.433767	0.105554	0.060915	0.235357	0.389687	0.984894	0.979243	0.218856	0.719192	0.785848	0.446503
9	2	30	0.860509	0.675578	0.999709	0.092226	0.654866	0.957271	0.579777	0.057010		0.222967	0.754340	0.909520	0.449037	0.291988	0.054639	0.053900	0.476422	0.121074	0.030158	0.009009

10	2	60	0.335345	0.107684	0.257927	0.575850	0.119861	0.217506	0.093325	0.433767	0.222967		0.363922	0.268731	0.684544	0.935445	0.422773	0.419299	0.653058	0.658743	0.292310	0.131501
11	2	120	0.903193	0.478794	0.762067	0.162191	0.472243	0.730979	0.379825	0.105554	0.754340	0.363922		0.842010	0.662068	0.444298	0.088260	0.100369	0.693723	0.206394	0.049703	0.019686
12	2	180	0.949547	0.600433	0.915756	0.099905	0.593076	0.873676	0.509969	0.060915	0.909520	0.268731	0.842010		0.534178	0.342615	0.068972	0.057491	0.562967	0.148084	0.038875	0.008990
13	3	30	0.560715	0.253000	0.467150	0.334867	0.229560	0.435303	0.201510	0.235357	0.449037	0.684544	0.662068	0.534178		0.723179	0.193987	0.191784	0.964023	0.406909	0.145544	0.056492
14	3	60	0.375581	0.126281	0.291823	0.524102	0.139216	0.248948	0.109231	0.389687	0.291988	0.935445	0.444298	0.342615	0.723179		0.343444	0.340155	0.710006	0.601302	0.258375	0.113011
15	3	120	0.078989	0.019876	0.045391	0.808126	0.019338	0.048375	0.010490	0.984894	0.054639	0.422773	0.088260	0.068972	0.193987	0.343444		0.994803	0.211911	0.705091	0.792298	0.476492
16	3	180	0.077983	0.019569	0.053855	0.795427	0.019038	0.047709	0.013696	0.979243	0.053900	0.419299	0.100369	0.057491	0.191784	0.340155	0.994803		0.209729	0.700613	0.805109	0.462138
17	4	30	0.591431	0.271274	0.494001	0.313747	0.247362	0.461118	0.217058	0.218856	0.476422	0.653058	0.693723	0.562967	0.964023	0.710006	0.211911	0.209729		0.347068	0.106557	0.035817
18	4	60	0.166405	0.041216	0.120988	0.892066	0.048694	0.095082	0.036362	0.719192	0.121074	0.658743	0.206394	0.148084	0.406909	0.601302	0.705091	0.700613	0.347068		0.496504	0.240770
19	4	120	0.045086	0.010107	0.024008	0.620293	0.009813	0.026419	0.004939	0.785848	0.030158	0.292310	0.049703	0.038875	0.145544	0.258375	0.792298	0.805109	0.106557	0.496504		0.620223
20	4	180	0.014300	0.002611	0.009000	0.320507	0.002526	0.007745	0.001703	0.446503	0.009009	0.131501	0.019686	0.008990	0.056492	0.113011	0.476492	0.462138	0.035817	0.240770	0.620223	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	1.9295	3.040842	0.526954	-4.0912	7.95011
{1}-{3}	0*30	0*120	0.5554	3.040842	0.855393	-5.4653	6.57602
{1}-{4}	0*30	0*180	-5.0099	3.040842	0.102061	-11.0306	1.01072
{1}-{5}	0*30	1*30	1.9644	3.146816	0.533657	-4.2661	8.19483
{1}-{6}	0*30	1*60	0.7302	3.278153	0.824117	-5.7603	7.22069
{1}-{7}	0*30	1*120	2.3743	3.278153	0.470310	-4.1162	8.86478
{1}-{8}	0*30	1*180	-5.7456	3.278153	0.082209	-12.2361	0.74493

{1}-{9}	0*30	2*30	0.5542	3.146816	0.860509	-5.6763	6.78464
{1}-{10}	0*30	2*60	-3.1709	3.278153	0.335345	-9.6614	3.31959
{1}-{11}	0*30	2*120	-0.3996	3.278153	0.903193	-6.8901	6.09095
{1}-{12}	0*30	2*180	0.2079	3.278153	0.949547	-6.2827	6.69838
{1}-{13}	0*30	3*30	-1.8359	3.146816	0.560715	-8.0663	4.39460
{1}-{14}	0*30	3*60	-2.9155	3.278153	0.375581	-9.4060	3.57501
{1}-{15}	0*30	3*120	-5.8078	3.278153	0.078989	-12.2983	0.68273
{1}-{16}	0*30	3*180	-5.8276	3.278153	0.077983	-12.3181	0.66289
{1}-{17}	0*30	4*30	-1.6936	3.146816	0.591431	-7.9241	4.53684
{1}-{18}	0*30	4*60	-4.5642	3.278153	0.166405	-11.0547	1.92633
{1}-{19}	0*30	4*120	-6.6383	3.278153	0.045086	-13.1288	-0.14776
{1}-{20}	0*30	4*180	-8.1490	3.278153	0.014300	-14.6395	-1.65852
{2}-{3}	0*60	0*120	-1.3741	3.040842	0.652172	-7.3947	4.64656
{2}-{4}	0*60	0*180	-6.9394	3.040842	0.024247	-12.9600	-0.91874
{2}-{5}	0*60	1*30	0.0349	3.278153	0.991523	-6.4556	6.52542
{2}-{6}	0*60	1*60	-1.1993	3.146816	0.703796	-7.4298	5.03120
{2}-{7}	0*60	1*120	0.4448	3.278153	0.892294	-6.0457	6.93533
{2}-{8}	0*60	1*180	-7.6750	3.278153	0.020867	-14.1656	-1.18452
{2}-{9}	0*60	2*30	-1.3753	3.278153	0.675578	-7.8658	5.11523
{2}-{10}	0*60	2*60	-5.1004	3.146816	0.107684	-11.3309	1.13010
{2}-{11}	0*60	2*120	-2.3290	3.278153	0.478794	-8.8195	4.16150
{2}-{12}	0*60	2*180	-1.7216	3.278153	0.600433	-8.2121	4.76892
{2}-{13}	0*60	3*30	-3.7653	3.278153	0.253000	-10.2558	2.72519
{2}-{14}	0*60	3*60	-4.8450	3.146816	0.126281	-11.0754	1.38551
{2}-{15}	0*60	3*120	-7.7372	3.278153	0.019876	-14.2277	-1.24672
{2}-{16}	0*60	3*180	-7.7571	3.278153	0.019569	-14.2476	-1.26657

{2}-{17}	0*60	4*30	-3.6231	3.278153	0.271274	-10.1136	2.86742
{2}-{18}	0*60	4*60	-6.4936	3.146816	0.041216	-12.7241	-0.26316
{2}-{19}	0*60	4*120	-8.5677	3.278153	0.010107	-15.0582	-2.07721
{2}-{20}	0*60	4*180	-10.0785	3.278153	0.002611	-16.5690	-3.58797
{3}-{4}	0*120	0*180	-5.5653	3.040842	0.069704	-11.5860	0.45535
{3}-{5}	0*120	1*30	1.4090	3.278153	0.668103	-5.0815	7.89951
{3}-{6}	0*120	1*60	0.1748	3.278153	0.957561	-6.3157	6.66533
{3}-{7}	0*120	1*120	1.8189	3.146816	0.564338	-4.4116	8.04938
{3}-{8}	0*120	1*180	-6.3009	3.278153	0.056964	-12.7915	0.18957
{3}-{9}	0*120	2*30	-0.0012	3.278153	0.999709	-6.4917	6.48932
{3}-{10}	0*120	2*60	-3.7263	3.278153	0.257927	-10.2168	2.76423
{3}-{11}	0*120	2*120	-0.9549	3.146816	0.762067	-7.1854	5.27555
{3}-{12}	0*120	2*180	-0.3475	3.278153	0.915756	-6.8380	6.14301
{3}-{13}	0*120	3*30	-2.3912	3.278153	0.467150	-8.8817	4.09928
{3}-{14}	0*120	3*60	-3.4709	3.278153	0.291823	-9.9614	3.01964
{3}-{15}	0*120	3*120	-6.3631	3.146816	0.045391	-12.5936	-0.13267
{3}-{16}	0*120	3*180	-6.3830	3.278153	0.053855	-12.8735	0.10752
{3}-{17}	0*120	4*30	-2.2490	3.278153	0.494001	-8.7395	4.24151
{3}-{18}	0*120	4*60	-5.1195	3.278153	0.120988	-11.6101	1.37097
{3}-{19}	0*120	4*120	-7.1936	3.146816	0.024008	-13.4241	-0.96316
{3}-{20}	0*120	4*180	-8.7044	3.278153	0.009000	-15.1949	-2.21388
{4}-{5}	0*180	1*30	6.9743	3.278153	0.035424	0.4838	13.46481
{4}-{6}	0*180	1*60	5.7401	3.278153	0.082498	-0.7504	12.23063
{4}-{7}	0*180	1*120	7.3842	3.278153	0.026105	0.8937	13.87472
{4}-{8}	0*180	1*180	-0.7356	3.146816	0.815559	-6.9661	5.49483
{4}-{9}	0*180	2*30	5.5641	3.278153	0.092226	-0.9264	12.05462

{4}-{10}	0*180	2*60	1.8390	3.278153	0.575850	-4.6515	8.32953
{4}-{11}	0*180	2*120	4.6104	3.278153	0.162191	-1.8801	11.10089
{4}-{12}	0*180	2*180	5.2178	3.146816	0.099905	-1.0127	11.44828
{4}-{13}	0*180	3*30	3.1741	3.278153	0.334867	-3.3164	9.66458
{4}-{14}	0*180	3*60	2.0944	3.278153	0.524102	-4.3961	8.58495
{4}-{15}	0*180	3*120	-0.7978	3.278153	0.808126	-7.2884	5.69267
{4}-{16}	0*180	3*180	-0.8177	3.146816	0.795427	-7.0482	5.41279
{4}-{17}	0*180	4*30	3.3163	3.278153	0.313747	-3.1742	9.80682
{4}-{18}	0*180	4*60	0.4458	3.278153	0.892066	-6.0448	6.93627
{4}-{19}	0*180	4*120	-1.6283	3.278153	0.620293	-8.1188	4.86218
{4}-{20}	0*180	4*180	-3.1391	3.146816	0.320507	-9.3696	3.09139
{5}-{6}	1*30	1*60	-1.2342	3.040842	0.685562	-7.2548	4.78647
{5}-{7}	1*30	1*120	0.4099	3.040842	0.892995	-5.6107	6.43056
{5}-{8}	1*30	1*180	-7.7099	3.040842	0.012515	-13.7306	-1.68928
{5}-{9}	1*30	2*30	-1.4102	3.146816	0.654866	-7.6407	4.82029
{5}-{10}	1*30	2*60	-5.1353	3.278153	0.119861	-11.6258	1.35523
{5}-{11}	1*30	2*120	-2.3639	3.278153	0.472243	-8.8544	4.12660
{5}-{12}	1*30	2*180	-1.7565	3.278153	0.593076	-8.2470	4.73402
{5}-{13}	1*30	3*30	-3.8002	3.146816	0.229560	-10.0307	2.43025
{5}-{14}	1*30	3*60	-4.8799	3.278153	0.139216	-11.3704	1.61065
{5}-{15}	1*30	3*120	-7.7721	3.278153	0.019338	-14.2627	-1.28162
{5}-{16}	1*30	3*180	-7.7920	3.278153	0.019038	-14.2825	-1.30147
{5}-{17}	1*30	4*30	-3.6580	3.146816	0.247362	-9.8885	2.57248
{5}-{18}	1*30	4*60	-6.5285	3.278153	0.048694	-13.0191	-0.03802
{5}-{19}	1*30	4*120	-8.6026	3.278153	0.009813	-15.0931	-2.11211
{5}-{20}	1*30	4*180	-10.1134	3.278153	0.002526	-16.6039	-3.62287

{6}-{7}	1*60	1*120	1.6441	3.040842	0.589737	-4.3766	7.66475
{6}-{8}	1*60	1*180	-6.4758	3.040842	0.035248	-12.4964	-0.45510
{6}-{9}	1*60	2*30	-0.1760	3.278153	0.957271	-6.6665	6.31451
{6}-{10}	1*60	2*60	-3.9011	3.146816	0.217506	-10.1316	2.32938
{6}-{11}	1*60	2*120	-1.1297	3.278153	0.730979	-7.6202	5.36078
{6}-{12}	1*60	2*180	-0.5223	3.278153	0.873676	-7.0128	5.96820
{6}-{13}	1*60	3*30	-2.5660	3.278153	0.435303	-9.0566	3.92447
{6}-{14}	1*60	3*60	-3.6457	3.146816	0.248948	-9.8762	2.58479
{6}-{15}	1*60	3*120	-6.5380	3.278153	0.048375	-13.0285	-0.04744
{6}-{16}	1*60	3*180	-6.5578	3.278153	0.047709	-13.0483	-0.06729
{6}-{17}	1*60	4*30	-2.4238	3.278153	0.461118	-8.9143	4.06670
{6}-{18}	1*60	4*60	-5.2944	3.146816	0.095082	-11.5248	0.93612
{6}-{19}	1*60	4*120	-7.3684	3.278153	0.026419	-13.8590	-0.87793
{6}-{20}	1*60	4*180	-8.8792	3.278153	0.007745	-15.3697	-2.38869
{7}-{8}	1*120	1*180	-8.1198	3.040842	0.008630	-14.1405	-2.09919
{7}-{9}	1*120	2*30	-1.8201	3.278153	0.579777	-8.3106	4.67042
{7}-{10}	1*120	2*60	-5.5452	3.278153	0.093325	-12.0357	0.94533
{7}-{11}	1*120	2*120	-2.7738	3.146816	0.379825	-9.0043	3.45665
{7}-{12}	1*120	2*180	-2.1664	3.278153	0.509969	-8.6569	4.32411
{7}-{13}	1*120	3*30	-4.2101	3.278153	0.201510	-10.7007	2.28038
{7}-{14}	1*120	3*60	-5.2898	3.278153	0.109231	-11.7803	1.20074
{7}-{15}	1*120	3*120	-8.1820	3.146816	0.010490	-14.4125	-1.95157
{7}-{16}	1*120	3*180	-8.2019	3.278153	0.013696	-14.6924	-1.71138
{7}-{17}	1*120	4*30	-4.0679	3.278153	0.217058	-10.5584	2.42261
{7}-{18}	1*120	4*60	-6.9384	3.278153	0.036362	-13.4290	-0.44793
{7}-{19}	1*120	4*120	-9.0125	3.146816	0.004939	-15.2430	-2.78206

{7}-{20}	1*120	4*180	-10.5233	3.278153	0.001703	-17.0138	-4.03278
{8}-{9}	1*180	2*30	6.2998	3.278153	0.057010	-0.1908	12.79026
{8}-{10}	1*180	2*60	2.5747	3.278153	0.433767	-3.9159	9.06517
{8}-{11}	1*180	2*120	5.3460	3.278153	0.105554	-1.1445	11.83654
{8}-{12}	1*180	2*180	5.9534	3.146816	0.060915	-0.2770	12.18392
{8}-{13}	1*180	3*30	3.9097	3.278153	0.235357	-2.5808	10.40023
{8}-{14}	1*180	3*60	2.8301	3.278153	0.389687	-3.6604	9.32059
{8}-{15}	1*180	3*120	-0.0622	3.278153	0.984894	-6.5527	6.42832
{8}-{16}	1*180	3*180	-0.0820	3.146816	0.979243	-6.3125	6.14843
{8}-{17}	1*180	4*30	4.0519	3.278153	0.218856	-2.4386	10.54246
{8}-{18}	1*180	4*60	1.1814	3.278153	0.719192	-5.3091	7.67192
{8}-{19}	1*180	4*120	-0.8927	3.278153	0.785848	-7.3832	5.59783
{8}-{20}	1*180	4*180	-2.4034	3.146816	0.446503	-8.6339	3.82703
{9}-{10}	2*30	2*60	-3.7251	3.040842	0.222967	-9.7457	2.29556
{9}-{11}	2*30	2*120	-0.9537	3.040842	0.754340	-6.9744	5.06693
{9}-{12}	2*30	2*180	-0.3463	3.040842	0.909520	-6.3670	5.67435
{9}-{13}	2*30	3*30	-2.3900	3.146816	0.449037	-8.6205	3.84044
{9}-{14}	2*30	3*60	-3.4697	3.278153	0.291988	-9.9602	3.02084
{9}-{15}	2*30	3*120	-6.3619	3.278153	0.054639	-12.8525	0.12857
{9}-{16}	2*30	3*180	-6.3818	3.278153	0.053900	-12.8723	0.10872
{9}-{17}	2*30	4*30	-2.2478	3.146816	0.476422	-8.4783	3.98267
{9}-{18}	2*30	4*60	-5.1183	3.278153	0.121074	-11.6089	1.37217
{9}-{19}	2*30	4*120	-7.1924	3.278153	0.030158	-13.6830	-0.70192
{9}-{20}	2*30	4*180	-8.7032	3.278153	0.009009	-15.1937	-2.21268
{10}-{11}	2*60	2*120	2.7714	3.040842	0.363922	-3.2493	8.79202
{10}-{12}	2*60	2*180	3.3788	3.040842	0.268731	-2.6419	9.39944



{10}-{13}	2*60	3*30	1.3351	3.278153	0.684544	-5.1555	7.82557
{10}-{14}	2*60	3*60	0.2554	3.146816	0.935445	-5.9751	6.48589
{10}-{15}	2*60	3*120	-2.6369	3.278153	0.422773	-9.1274	3.85366
{10}-{16}	2*60	3*180	-2.6567	3.278153	0.419299	-9.1472	3.83381
{10}-{17}	2*60	4*30	1.4773	3.278153	0.653058	-5.0132	7.96780
{10}-{18}	2*60	4*60	-1.3933	3.146816	0.658743	-7.6237	4.83722
{10}-{19}	2*60	4*120	-3.4673	3.278153	0.292310	-9.9579	3.02317
{10}-{20}	2*60	4*180	-4.9781	3.278153	0.131501	-11.4686	1.51241
{11}-{12}	2*120	2*180	0.6074	3.040842	0.842010	-5.4132	6.62808
{11}-{13}	2*120	3*30	-1.4363	3.278153	0.662068	-7.9268	5.05420
{11}-{14}	2*120	3*60	-2.5159	3.278153	0.444298	-9.0065	3.97457
{11}-{15}	2*120	3*120	-5.4082	3.146816	0.088260	-11.6387	0.82226
{11}-{16}	2*120	3*180	-5.4281	3.278153	0.100369	-11.9186	1.06245
{11}-{17}	2*120	4*30	-1.2941	3.278153	0.693723	-7.7846	5.19644
{11}-{18}	2*120	4*60	-4.1646	3.278153	0.206394	-10.6551	2.32589
{11}-{19}	2*120	4*120	-6.2387	3.146816	0.049703	-12.4692	-0.00824
{11}-{20}	2*120	4*180	-7.7495	3.278153	0.019686	-14.2400	-1.25895
{12}-{13}	2*180	3*30	-2.0437	3.278153	0.534178	-8.5342	4.44678
{12}-{14}	2*180	3*60	-3.1234	3.278153	0.342615	-9.6139	3.36714
{12}-{15}	2*180	3*120	-6.0156	3.278153	0.068972	-12.5062	0.47487
{12}-{16}	2*180	3*180	-6.0355	3.146816	0.057491	-12.2660	0.19498
{12}-{17}	2*180	4*30	-1.9015	3.278153	0.562967	-8.3920	4.58901
{12}-{18}	2*180	4*60	-4.7720	3.278153	0.148084	-11.2626	1.71847
{12}-{19}	2*180	4*120	-6.8461	3.278153	0.038875	-13.3367	-0.35562
{12}-{20}	2*180	4*180	-8.3569	3.146816	0.008990	-14.5874	-2.12642
{13}-{14}	3*30	3*60	-1.0796	3.040842	0.723179	-7.1003	4.94102

{13}-{15}	3*30	3*120	-3.9719	3.040842	0.193987	-9.9926	2.04875
{13}-{16}	3*30	3*180	-3.9918	3.040842	0.191784	-10.0124	2.02890
{13}-{17}	3*30	4*30	0.1422	3.146816	0.964023	-6.0882	6.37271
{13}-{18}	3*30	4*60	-2.7283	3.278153	0.406909	-9.2188	3.76220
{13}-{19}	3*30	4*120	-4.8024	3.278153	0.145544	-11.2929	1.68811
{13}-{20}	3*30	4*180	-6.3132	3.278153	0.056492	-12.8037	0.17736
{14}-{15}	3*60	3*120	-2.8923	3.040842	0.343444	-8.9129	3.12838
{14}-{16}	3*60	3*180	-2.9121	3.040842	0.340155	-8.9328	3.10853
{14}-{17}	3*60	4*30	1.2219	3.278153	0.710006	-5.2686	7.71239
{14}-{18}	3*60	4*60	-1.6487	3.146816	0.601302	-7.8792	4.58180
{14}-{19}	3*60	4*120	-3.7228	3.278153	0.258375	-10.2133	2.76775
{14}-{20}	3*60	4*180	-5.2335	3.278153	0.113011	-11.7240	1.25699
{15}-{16}	3*120	3*180	-0.0198	3.040842	0.994803	-6.0405	6.00081
{15}-{17}	3*120	4*30	4.1141	3.278153	0.211911	-2.3764	10.60466
{15}-{18}	3*120	4*60	1.2436	3.278153	0.705091	-5.2469	7.73411
{15}-{19}	3*120	4*120	-0.8305	3.146816	0.792298	-7.0610	5.39998
{15}-{20}	3*120	4*180	-2.3413	3.278153	0.476492	-8.8318	4.14926
{16}-{17}	3*180	4*30	4.1340	3.278153	0.209729	-2.3565	10.62451
{16}-{18}	3*180	4*60	1.2634	3.278153	0.700613	-5.2271	7.75396
{16}-{19}	3*180	4*120	-0.8106	3.278153	0.805109	-7.3012	5.67987
{16}-{20}	3*180	4*180	-2.3214	3.146816	0.462138	-8.5519	3.90907
{17}-{18}	4*30	4*60	-2.8705	3.040842	0.347068	-8.8912	3.15011
{17}-{19}	4*30	4*120	-4.9446	3.040842	0.106557	-10.9653	1.07602
{17}-{20}	4*30	4*180	-6.4554	3.040842	0.035817	-12.4760	-0.43474
{18}-{19}	4*60	4*120	-2.0741	3.040842	0.496504	-8.0947	3.94656
{18}-{20}	4*60	4*180	-3.5848	3.040842	0.240770	-9.6055	2.43581

{19}-{20}	4*120	4*180	-1.5108	3.040842	0.620223	-7.5314	4.50990
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LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 19.952	{2} - 18.954	{3} - 19.952	{4} - 20.808	{5} - 18.567	{6} - 23.278	{7} - 24.313	{8} - 22.577	{9} - 22.618	{10} - 21.538	{11} - 27.436	{12} - 25.965	{13} - 19.665	{14} - 19.766	{15} - 23.092	{16} - 25.957	{17} - 23.035	{18} - 20.964	{19} - 23.326	{20} - 23.791
1	0	30		0.758082	0.999925	0.791690	0.665412	0.326223	0.198650	0.437987	0.405780	0.639204	0.028406	0.077241	0.928435	0.956166	0.353851	0.077621	0.336547	0.764719	0.319244	0.257419
2	0	60	0.758082		0.758011	0.567440	0.908876	0.178517	0.114817	0.284938	0.279633	0.420303	0.013250	0.039830	0.833514	0.799726	0.222356	0.040047	0.228757	0.530451	0.197442	0.154224
3	0	120	0.999925	0.758011		0.791762	0.682036	0.326266	0.174921	0.438040	0.431048	0.639268	0.020816	0.077256	0.932139	0.956095	0.327764	0.077635	0.362679	0.764787	0.293125	0.257456
4	0	180	0.791690	0.567440	0.791762		0.507761	0.465560	0.300975	0.580775	0.592654	0.829135	0.051758	0.109183	0.735227	0.758006	0.499692	0.109715	0.510443	0.963191	0.456863	0.352396
5	1	30	0.665412	0.908876	0.682036	0.507761		0.147778	0.078125	0.217306	0.207322	0.380294	0.009683	0.030249	0.731807	0.722828	0.182341	0.030420	0.164572	0.478733	0.160903	0.124131
6	1	60	0.326223	0.178517	0.326266	0.465560	0.147778		0.749492	0.828906	0.845231	0.587052	0.220114	0.427346	0.286307	0.273972	0.956204	0.428686	0.942768	0.470405	0.988552	0.879331
7	1	120	0.198650	0.114817	0.174921	0.300975	0.078125	0.749492		0.592524	0.616311	0.412399	0.330241	0.625255	0.170832	0.180316	0.703135	0.626888	0.705574	0.322912	0.758073	0.877377
8	1	180	0.437987	0.284938	0.438040	0.580775	0.217306	0.828906	0.592524		0.990476	0.758475	0.152402	0.291225	0.389621	0.406346	0.879003	0.292333	0.892326	0.633362	0.824715	0.704749
9	2	30	0.405780	0.279633	0.431048	0.592654	0.207322	0.845231	0.616311	0.990476		0.738958	0.138821	0.302744	0.357193	0.399662	0.888425	0.324282	0.896315	0.624898	0.834018	0.728622
10	2	60	0.639204	0.420303	0.639268	0.829135	0.380294	0.587052	0.412399	0.758475	0.738958		0.070624	0.173550	0.579758	0.580330	0.645815	0.192728	0.657960	0.857823	0.596983	0.505468
11	2	120	0.028406	0.013250	0.020816	0.051758	0.009683	0.220114	0.330241	0.152402	0.138821	0.070624		0.649866	0.022961	0.024773	0.176506	0.661796	0.194527	0.057427	0.200811	0.282080
12	2	180	0.077241	0.039830	0.077256	0.109183	0.030249	0.427346	0.625255	0.291225	0.302744	0.173550	0.649866		0.064276	0.068638	0.396200	0.998056	0.386916	0.140893	0.435716	0.497634
13	3	30	0.928435	0.833514	0.932139	0.735227	0.731807	0.286307	0.170832	0.389621	0.357193	0.579758	0.022961	0.064276		0.974948	0.291287	0.054006	0.293600	0.700762	0.279918	0.223663
14	3	60	0.956166	0.799726	0.956095	0.758006	0.722828	0.273972	0.180316	0.406346	0.399662	0.580330	0.024773	0.068638	0.974948		0.305783	0.057947	0.334533	0.708413	0.293434	0.235221
15	3	120	0.353851	0.222356	0.327764	0.499692	0.182341	0.956204	0.703135	0.879003	0.888425	0.645815	0.176506	0.396200	0.291287	0.305783		0.377433	0.986537	0.529383	0.941699	0.836226
16	3	180	0.077621	0.040047	0.077635	0.109715	0.030420	0.428686	0.626888	0.292333	0.324282	0.192728	0.661796	0.998056	0.054006	0.057947	0.377433		0.388178	0.141508	0.437071	0.499176
17	4	30	0.336547	0.228757	0.362679	0.510443	0.164572	0.942768	0.705574	0.892326	0.896315	0.657960	0.194527	0.386916	0.293600	0.334533	0.986537	0.388178		0.523106	0.928392	0.815553
18	4	60	0.764719	0.530451	0.764787	0.963191	0.478733	0.470405	0.322912	0.633362	0.624898	0.857823	0.057427	0.140893	0.700762	0.708413	0.529383	0.141508	0.523106		0.466509	0.383743

19	4	120	0.319244	0.197442	0.293125	0.456863	0.160903	0.988552	0.758073	0.824715	0.834018	0.596983	0.200811	0.435716	0.279918	0.293434	0.941699	0.437071	0.928392	0.466509		0.885959
20	4	180	0.257419	0.154224	0.257456	0.352396	0.124131	0.879331	0.877377	0.704749	0.728622	0.505468	0.282080	0.497634	0.223663	0.235221	0.836226	0.499176	0.815553	0.383743	0.885959	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	0.99824	3.233656	0.758082	-5.4042	7.40066
{1}-{3}	0*30	0*120	-0.00030	3.233656	0.999925	-6.4027	6.40211
{1}-{4}	0*30	0*180	-0.85597	3.233656	0.791690	-7.2584	5.54644
{1}-{5}	0*30	1*30	1.38519	3.195182	0.665412	-4.9410	7.71143
{1}-{6}	0*30	1*60	-3.32566	3.373618	0.326223	-10.0052	3.35387
{1}-{7}	0*30	1*120	-4.36057	3.373618	0.198650	-11.0401	2.31896
{1}-{8}	0*30	1*180	-2.62533	3.373618	0.437987	-9.3049	4.05420
{1}-{9}	0*30	2*30	-2.66568	3.195182	0.405780	-8.9919	3.66056
{1}-{10}	0*30	2*60	-1.58562	3.373618	0.639204	-8.2652	5.09391
{1}-{11}	0*30	2*120	-7.48417	3.373618	0.028406	-14.1637	-0.80464
{1}-{12}	0*30	2*180	-6.01256	3.373618	0.077241	-12.6921	0.66697
{1}-{13}	0*30	3*30	0.28758	3.195182	0.928435	-6.0387	6.61381
{1}-{14}	0*30	3*60	0.18582	3.373618	0.956166	-6.4937	6.86535
{1}-{15}	0*30	3*120	-3.14000	3.373618	0.353851	-9.8195	3.53953
{1}-{16}	0*30	3*180	-6.00476	3.373618	0.077621	-12.6843	0.67477
{1}-{17}	0*30	4*30	-3.08295	3.195182	0.336547	-9.4092	3.24328

{1}-{18}	0*30	4*60	-1.01198	3.373618	0.764719	-7.6915	5.66754
{1}-{19}	0*30	4*120	-3.37417	3.373618	0.319244	-10.0537	3.30536
{1}-{20}	0*30	4*180	-3.83892	3.373618	0.257419	-10.5185	2.84061
{2}-{3}	0*60	0*120	-0.99855	3.233656	0.758011	-7.4010	5.40387
{2}-{4}	0*60	0*180	-1.85421	3.233656	0.567440	-8.2566	4.54820
{2}-{5}	0*60	1*30	0.38695	3.373618	0.908876	-6.2926	7.06648
{2}-{6}	0*60	1*60	-4.32390	3.195182	0.178517	-10.6501	2.00234
{2}-{7}	0*60	1*120	-5.35881	3.373618	0.114817	-12.0383	1.32072
{2}-{8}	0*60	1*180	-3.62357	3.373618	0.284938	-10.3031	3.05596
{2}-{9}	0*60	2*30	-3.66392	3.373618	0.279633	-10.3435	3.01561
{2}-{10}	0*60	2*60	-2.58386	3.195182	0.420303	-8.9101	3.74237
{2}-{11}	0*60	2*120	-8.48241	3.373618	0.013250	-15.1619	-1.80288
{2}-{12}	0*60	2*180	-7.01080	3.373618	0.039830	-13.6903	-0.33127
{2}-{13}	0*60	3*30	-0.71067	3.373618	0.833514	-7.3902	5.96886
{2}-{14}	0*60	3*60	-0.81242	3.195182	0.799726	-7.1387	5.51381
{2}-{15}	0*60	3*120	-4.13824	3.373618	0.222356	-10.8178	2.54129
{2}-{16}	0*60	3*180	-7.00300	3.373618	0.040047	-13.6825	-0.32347
{2}-{17}	0*60	4*30	-4.08120	3.373618	0.228757	-10.7607	2.59833
{2}-{18}	0*60	4*60	-2.01023	3.195182	0.530451	-8.3365	4.31601
{2}-{19}	0*60	4*120	-4.37241	3.373618	0.197442	-11.0519	2.30712
{2}-{20}	0*60	4*180	-4.83717	3.373618	0.154224	-11.5167	1.84236
{3}-{4}	0*120	0*180	-0.85567	3.233656	0.791762	-7.2581	5.54675
{3}-{5}	0*120	1*30	1.38549	3.373618	0.682036	-5.2940	8.06502
{3}-{6}	0*120	1*60	-3.32536	3.373618	0.326266	-10.0049	3.35417
{3}-{7}	0*120	1*120	-4.36027	3.195182	0.174921	-10.6865	1.96597
{3}-{8}	0*120	1*180	-2.62502	3.373618	0.438040	-9.3046	4.05451

{3}-{9}	0*120	2*30	-2.66538	3.373618	0.431048	-9.3449	4.01415
{3}-{10}	0*120	2*60	-1.58532	3.373618	0.639268	-8.2648	5.09421
{3}-{11}	0*120	2*120	-7.48386	3.195182	0.020816	-13.8101	-1.15763
{3}-{12}	0*120	2*180	-6.01226	3.373618	0.077256	-12.6918	0.66727
{3}-{13}	0*120	3*30	0.28788	3.373618	0.932139	-6.3917	6.96741
{3}-{14}	0*120	3*60	0.18612	3.373618	0.956095	-6.4934	6.86565
{3}-{15}	0*120	3*120	-3.13970	3.195182	0.327764	-9.4659	3.18654
{3}-{16}	0*120	3*180	-6.00445	3.373618	0.077635	-12.6840	0.67507
{3}-{17}	0*120	4*30	-3.08265	3.373618	0.362679	-9.7622	3.59688
{3}-{18}	0*120	4*60	-1.01168	3.373618	0.764787	-7.6912	5.66785
{3}-{19}	0*120	4*120	-3.37386	3.195182	0.293125	-9.7001	2.95237
{3}-{20}	0*120	4*180	-3.83862	3.373618	0.257456	-10.5182	2.84091
{4}-{5}	0*180	1*30	2.24116	3.373618	0.507761	-4.4384	8.92069
{4}-{6}	0*180	1*60	-2.46969	3.373618	0.465560	-9.1492	4.20984
{4}-{7}	0*180	1*120	-3.50460	3.373618	0.300975	-10.1841	3.17493
{4}-{8}	0*180	1*180	-1.76936	3.195182	0.580775	-8.0956	4.55688
{4}-{9}	0*180	2*30	-1.80971	3.373618	0.592654	-8.4892	4.86982
{4}-{10}	0*180	2*60	-0.72965	3.373618	0.829135	-7.4092	5.94988
{4}-{11}	0*180	2*120	-6.62820	3.373618	0.051758	-13.3077	0.05133
{4}-{12}	0*180	2*180	-5.15659	3.195182	0.109183	-11.4828	1.16965
{4}-{13}	0*180	3*30	1.14355	3.373618	0.735227	-5.5360	7.82307
{4}-{14}	0*180	3*60	1.04179	3.373618	0.758006	-5.6377	7.72132
{4}-{15}	0*180	3*120	-2.28403	3.373618	0.499692	-8.9636	4.39550
{4}-{16}	0*180	3*180	-5.14879	3.195182	0.109715	-11.4750	1.17745
{4}-{17}	0*180	4*30	-2.22698	3.373618	0.510443	-8.9065	4.45254
{4}-{18}	0*180	4*60	-0.15602	3.373618	0.963191	-6.8355	6.52351

{4}-{19}	0*180	4*120	-2.51820	3.373618	0.456863	-9.1977	4.16133
{4}-{20}	0*180	4*180	-2.98295	3.195182	0.352396	-9.3092	3.34328
{5}-{6}	1*30	1*60	-4.71085	3.233656	0.147778	-11.1133	1.69157
{5}-{7}	1*30	1*120	-5.74576	3.233656	0.078125	-12.1482	0.65666
{5}-{8}	1*30	1*180	-4.01052	3.233656	0.217306	-10.4129	2.39190
{5}-{9}	1*30	2*30	-4.05087	3.195182	0.207322	-10.3771	2.27537
{5}-{10}	1*30	2*60	-2.97081	3.373618	0.380294	-9.6503	3.70872
{5}-{11}	1*30	2*120	-8.86936	3.373618	0.009683	-15.5489	-2.18983
{5}-{12}	1*30	2*180	-7.39775	3.373618	0.030249	-14.0773	-0.71822
{5}-{13}	1*30	3*30	-1.09761	3.195182	0.731807	-7.4239	5.22862
{5}-{14}	1*30	3*60	-1.19937	3.373618	0.722828	-7.8789	5.48016
{5}-{15}	1*30	3*120	-4.52519	3.373618	0.182341	-11.2047	2.15434
{5}-{16}	1*30	3*180	-7.38995	3.373618	0.030420	-14.0695	-0.71042
{5}-{17}	1*30	4*30	-4.46814	3.195182	0.164572	-10.7944	1.85809
{5}-{18}	1*30	4*60	-2.39717	3.373618	0.478733	-9.0767	4.28236
{5}-{19}	1*30	4*120	-4.75936	3.373618	0.160903	-11.4389	1.92017
{5}-{20}	1*30	4*180	-5.22411	3.373618	0.124131	-11.9036	1.45542
{6}-{7}	1*60	1*120	-1.03491	3.233656	0.749492	-7.4373	5.36751
{6}-{8}	1*60	1*180	0.70033	3.233656	0.828906	-5.7021	7.10275
{6}-{9}	1*60	2*30	0.65998	3.373618	0.845231	-6.0196	7.33951
{6}-{10}	1*60	2*60	1.74004	3.195182	0.587052	-4.5862	8.06628
{6}-{11}	1*60	2*120	-4.15851	3.373618	0.220114	-10.8380	2.52102
{6}-{12}	1*60	2*180	-2.68690	3.373618	0.427346	-9.3664	3.99263
{6}-{13}	1*60	3*30	3.61323	3.373618	0.286307	-3.0663	10.29276
{6}-{14}	1*60	3*60	3.51148	3.195182	0.273972	-2.8148	9.83772
{6}-{15}	1*60	3*120	0.18566	3.373618	0.956204	-6.4939	6.86519

{6}-{16}	1*60	3*180	-2.67910	3.373618	0.428686	-9.3586	4.00043
{6}-{17}	1*60	4*30	0.24270	3.373618	0.942768	-6.4368	6.92223
{6}-{18}	1*60	4*60	2.31367	3.195182	0.470405	-4.0126	8.63991
{6}-{19}	1*60	4*120	-0.04851	3.373618	0.988552	-6.7280	6.63102
{6}-{20}	1*60	4*180	-0.51327	3.373618	0.879331	-7.1928	6.16626
{7}-{8}	1*120	1*180	1.73524	3.233656	0.592524	-4.6672	8.13766
{7}-{9}	1*120	2*30	1.69489	3.373618	0.616311	-4.9846	8.37442
{7}-{10}	1*120	2*60	2.77495	3.373618	0.412399	-3.9046	9.45448
{7}-{11}	1*120	2*120	-3.12360	3.195182	0.330241	-9.4498	3.20264
{7}-{12}	1*120	2*180	-1.65199	3.373618	0.625255	-8.3315	5.02754
{7}-{13}	1*120	3*30	4.64814	3.373618	0.170832	-2.0314	11.32767
{7}-{14}	1*120	3*60	4.54639	3.373618	0.180316	-2.1331	11.22592
{7}-{15}	1*120	3*120	1.22057	3.195182	0.703135	-5.1057	7.54681
{7}-{16}	1*120	3*180	-1.64419	3.373618	0.626888	-8.3237	5.03534
{7}-{17}	1*120	4*30	1.27761	3.373618	0.705574	-5.4019	7.95714
{7}-{18}	1*120	4*60	3.34858	3.373618	0.322912	-3.3309	10.02811
{7}-{19}	1*120	4*120	0.98640	3.195182	0.758073	-5.3398	7.31264
{7}-{20}	1*120	4*180	0.52164	3.373618	0.877377	-6.1579	7.20117
{8}-{9}	1*180	2*30	-0.04036	3.373618	0.990476	-6.7199	6.63917
{8}-{10}	1*180	2*60	1.03970	3.373618	0.758475	-5.6398	7.71923
{8}-{11}	1*180	2*120	-4.85884	3.373618	0.152402	-11.5384	1.82069
{8}-{12}	1*180	2*180	-3.38723	3.195182	0.291225	-9.7135	2.93900
{8}-{13}	1*180	3*30	2.91290	3.373618	0.389621	-3.7666	9.59243
{8}-{14}	1*180	3*60	2.81114	3.373618	0.406346	-3.8684	9.49067
{8}-{15}	1*180	3*120	-0.51467	3.373618	0.879003	-7.1942	6.16486
{8}-{16}	1*180	3*180	-3.37943	3.195182	0.292333	-9.7057	2.94681



{8}-{17}	1*180	4*30	-0.45763	3.373618	0.892326	-7.1372	6.22190
{8}-{18}	1*180	4*60	1.61334	3.373618	0.633362	-5.0662	8.29287
{8}-{19}	1*180	4*120	-0.74884	3.373618	0.824715	-7.4284	5.93069
{8}-{20}	1*180	4*180	-1.21360	3.195182	0.704749	-7.5398	5.11264
{9}-{10}	2*30	2*60	1.08006	3.233656	0.738958	-5.3224	7.48248
{9}-{11}	2*30	2*120	-4.81848	3.233656	0.138821	-11.2209	1.58393
{9}-{12}	2*30	2*180	-3.34688	3.233656	0.302744	-9.7493	3.05554
{9}-{13}	2*30	3*30	2.95326	3.195182	0.357193	-3.3730	9.27950
{9}-{14}	2*30	3*60	2.85150	3.373618	0.399662	-3.8280	9.53103
{9}-{15}	2*30	3*120	-0.47432	3.373618	0.888425	-7.1538	6.20521
{9}-{16}	2*30	3*180	-3.33908	3.373618	0.324282	-10.0186	3.34045
{9}-{17}	2*30	4*30	-0.41727	3.195182	0.896315	-6.7435	5.90897
{9}-{18}	2*30	4*60	1.65370	3.373618	0.624898	-5.0258	8.33323
{9}-{19}	2*30	4*120	-0.70848	3.373618	0.834018	-7.3880	5.97104
{9}-{20}	2*30	4*180	-1.17324	3.373618	0.728622	-7.8528	5.50629
{10}-{11}	2*60	2*120	-5.89855	3.233656	0.070624	-12.3010	0.50387
{10}-{12}	2*60	2*180	-4.42694	3.233656	0.173550	-10.8294	1.97548
{10}-{13}	2*60	3*30	1.87320	3.373618	0.579758	-4.8063	8.55273
{10}-{14}	2*60	3*60	1.77144	3.195182	0.580330	-4.5548	8.09768
{10}-{15}	2*60	3*120	-1.55438	3.373618	0.645815	-8.2339	5.12515
{10}-{16}	2*60	3*180	-4.41914	3.373618	0.192728	-11.0987	2.26039
{10}-{17}	2*60	4*30	-1.49733	3.373618	0.657960	-8.1769	5.18220
{10}-{18}	2*60	4*60	0.57364	3.195182	0.857823	-5.7526	6.89987
{10}-{19}	2*60	4*120	-1.78855	3.373618	0.596983	-8.4681	4.89098
{10}-{20}	2*60	4*180	-2.25330	3.373618	0.505468	-8.9328	4.42623
{11}-{12}	2*120	2*180	1.47161	3.233656	0.649866	-4.9308	7.87402

{11}-{13}	2*120	3*30	7.77174	3.373618	0.022961	1.0922	14.45127
{11}-{14}	2*120	3*60	7.66998	3.373618	0.024773	0.9905	14.34951
{11}-{15}	2*120	3*120	4.34417	3.195182	0.176506	-1.9821	10.67041
{11}-{16}	2*120	3*180	1.47941	3.373618	0.661796	-5.2001	8.15894
{11}-{17}	2*120	4*30	4.40121	3.373618	0.194527	-2.2783	11.08074
{11}-{18}	2*120	4*60	6.47218	3.373618	0.057427	-0.2073	13.15171
{11}-{19}	2*120	4*120	4.11000	3.195182	0.200811	-2.2162	10.43624
{11}-{20}	2*120	4*180	3.64524	3.373618	0.282080	-3.0343	10.32477
{12}-{13}	2*180	3*30	6.30014	3.373618	0.064276	-0.3794	12.97967
{12}-{14}	2*180	3*60	6.19838	3.373618	0.068638	-0.4812	12.87791
{12}-{15}	2*180	3*120	2.87256	3.373618	0.396200	-3.8070	9.55209
{12}-{16}	2*180	3*180	0.00780	3.195182	0.998056	-6.3184	6.33404
{12}-{17}	2*180	4*30	2.92961	3.373618	0.386916	-3.7499	9.60914
{12}-{18}	2*180	4*60	5.00058	3.373618	0.140893	-1.6790	11.68011
{12}-{19}	2*180	4*120	2.63839	3.373618	0.435716	-4.0411	9.31792
{12}-{20}	2*180	4*180	2.17364	3.195182	0.497634	-4.1526	8.49987
{13}-{14}	3*30	3*60	-0.10176	3.233656	0.974948	-6.5042	6.30066
{13}-{15}	3*30	3*120	-3.42758	3.233656	0.291287	-9.8300	2.97484
{13}-{16}	3*30	3*180	-6.29233	3.233656	0.054006	-12.6947	0.11008
{13}-{17}	3*30	4*30	-3.37053	3.195182	0.293600	-9.6968	2.95571
{13}-{18}	3*30	4*60	-1.29956	3.373618	0.700762	-7.9791	5.37997
{13}-{19}	3*30	4*120	-3.66174	3.373618	0.279918	-10.3413	3.01779
{13}-{20}	3*30	4*180	-4.12650	3.373618	0.223663	-10.8060	2.55303
{14}-{15}	3*60	3*120	-3.32582	3.233656	0.305783	-9.7282	3.07660
{14}-{16}	3*60	3*180	-6.19058	3.233656	0.057947	-12.5930	0.21184
{14}-{17}	3*60	4*30	-3.26877	3.373618	0.334533	-9.9483	3.41076

{14}-{18}	3*60	4*60	-1.19780	3.195182	0.708413	-7.5240	5.12844
{14}-{19}	3*60	4*120	-3.55998	3.373618	0.293434	-10.2395	3.11954
{14}-{20}	3*60	4*180	-4.02474	3.373618	0.235221	-10.7043	2.65479
{15}-{16}	3*120	3*180	-2.86476	3.233656	0.377433	-9.2672	3.53766
{15}-{17}	3*120	4*30	0.05705	3.373618	0.986537	-6.6225	6.73657
{15}-{18}	3*120	4*60	2.12802	3.373618	0.529383	-4.5515	8.80754
{15}-{19}	3*120	4*120	-0.23417	3.195182	0.941699	-6.5604	6.09207
{15}-{20}	3*120	4*180	-0.69892	3.373618	0.836226	-7.3785	5.98061
{16}-{17}	3*180	4*30	2.92180	3.373618	0.388178	-3.7577	9.60133
{16}-{18}	3*180	4*60	4.99277	3.373618	0.141508	-1.6868	11.67230
{16}-{19}	3*180	4*120	2.63059	3.373618	0.437071	-4.0489	9.31012
{16}-{20}	3*180	4*180	2.16583	3.195182	0.499176	-4.1604	8.49207
{17}-{18}	4*30	4*60	2.07097	3.233656	0.523106	-4.3314	8.47338
{17}-{19}	4*30	4*120	-0.29121	3.233656	0.928392	-6.6936	6.11120
{17}-{20}	4*30	4*180	-0.75597	3.233656	0.815553	-7.1584	5.64644
{18}-{19}	4*60	4*120	-2.36218	3.233656	0.466509	-8.7646	4.04023
{18}-{20}	4*60	4*180	-2.82694	3.233656	0.383743	-9.2294	3.57548
{19}-{20}	4*120	4*180	-0.46476	3.233656	0.885959	-6.8672	5.93766

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 2.7008	{2} - 3.3789	{3} - 2.7559	{4} - 1.9161	{5} - 2.3076	{6} - 1.7039	{7} - 1.8991	{8} - 1.4593	{9} - 1.6064	{10} - 1.2391	{11} - 1.3889	{12} - 1.3672	{13} - 1.6401	{14} - 1.9546	{15} - 1.0134	{16} - .59181	{17} - .92841	{18} - .88838	{19} - .59265	{20} - .42556
1	0	30		0.311485	0.934260	0.241907	0.567083	0.194820	0.296537	0.107065	0.112771	0.058304	0.088774	0.083697	0.124159	0.331095	0.029228	0.006720	0.010863	0.019362	0.006742	0.003535

2	0	60	0.311485		0.352314	0.030277	0.163750	0.015928	0.055293	0.013382	0.022130	0.002239	0.010413	0.009628	0.024732	0.039723	0.002459	0.000396	0.001731	0.000409	0.000398	0.000182
3	0	120	0.934260	0.352314		0.210582	0.558757	0.171426	0.213445	0.092512	0.135364	0.049562	0.048231	0.071826	0.147081	0.296746	0.012237	0.005452	0.018396	0.016041	0.002009	0.002835
4	0	180	0.241907	0.030277	0.210582		0.609540	0.781901	0.982337	0.506155	0.686203	0.377716	0.491801	0.424560	0.718770	0.959884	0.240108	0.055558	0.198911	0.181436	0.086034	0.031516
5	1	30	0.567083	0.163750	0.558757	0.609540		0.367405	0.541546	0.206039	0.308073	0.164852	0.231871	0.221127	0.331787	0.645154	0.093118	0.026659	0.046304	0.065875	0.026732	0.015256
6	1	60	0.194820	0.015928	0.171426	0.781901	0.367405		0.770384	0.714522	0.898734	0.498721	0.681002	0.660442	0.933603	0.715037	0.368278	0.148400	0.312467	0.236152	0.148704	0.097129
7	1	120	0.296537	0.055293	0.213445	0.982337	0.541546	0.770384		0.511037	0.702538	0.389746	0.457776	0.487977	0.735377	0.942254	0.198502	0.089879	0.206681	0.188695	0.058874	0.056308
8	1	180	0.107065	0.013382	0.092512	0.506155	0.206039	0.714522	0.511037		0.847730	0.773869	0.926742	0.893288	0.813469	0.518333	0.560889	0.207810	0.488794	0.456691	0.259261	0.133892
9	2	30	0.112771	0.022130	0.135364	0.686203	0.308073	0.898734	0.702538	0.847730		0.582996	0.744919	0.720580	0.960874	0.649646	0.439525	0.187016	0.324246	0.349538	0.187379	0.125106
10	2	60	0.058304	0.002239	0.049562	0.377716	0.164852	0.498721	0.389746	0.773869	0.582996		0.822822	0.848083	0.600940	0.298342	0.768367	0.398881	0.685172	0.609550	0.399492	0.289430
11	2	120	0.088774	0.010413	0.048231	0.491801	0.231871	0.681002	0.457776	0.926742	0.744919	0.822822		0.974185	0.743023	0.460766	0.584669	0.299290	0.548157	0.513987	0.247393	0.210148
12	2	180	0.083697	0.009628	0.071826	0.424560	0.221127	0.660442	0.487977	0.893288	0.720580	0.848083	0.974185		0.721787	0.443839	0.644410	0.259888	0.567088	0.532316	0.313065	0.171783
13	3	30	0.124159	0.024732	0.147081	0.718770	0.331787	0.933603	0.735377	0.813469	0.960874	0.600940	0.743023	0.721787		0.638220	0.349498	0.118776	0.300896	0.327489	0.173251	0.114801
14	3	60	0.331095	0.039723	0.296746	0.959884	0.645154	0.715037	0.942254	0.518333	0.649646	0.298342	0.460766	0.443839	0.638220		0.160943	0.043287	0.182066	0.122202	0.077387	0.047772
15	3	120	0.029228	0.002459	0.012237	0.240108	0.093118	0.368278	0.198502	0.560889	0.439525	0.768367	0.584669	0.644410	0.349498	0.160943		0.528629	0.911627	0.870339	0.540176	0.443464
16	3	180	0.006720	0.000396	0.005452	0.055558	0.026659	0.148400	0.089879	0.207810	0.187016	0.398881	0.299290	0.259888	0.118776	0.043287	0.528629		0.660556	0.698790	0.999124	0.808650
17	4	30	0.010863	0.001731	0.018396	0.198911	0.046304	0.312467	0.206681	0.488794	0.324246	0.685172	0.548157	0.567088	0.300896	0.182066	0.911627	0.660556		0.952258	0.615728	0.452531
18	4	60	0.019362	0.000409	0.016041	0.181436	0.065875	0.236152	0.188695	0.456691	0.349538	0.609550	0.513987	0.532316	0.327489	0.122202	0.870339	0.698790	0.952258		0.658398	0.489235
19	4	120	0.006742	0.000398	0.002009	0.086034	0.026732	0.148704	0.058874	0.259261	0.187379	0.399492	0.247393	0.313065	0.173251	0.077387	0.540176	0.999124	0.615728	0.658398		0.802682
20	4	180	0.003535	0.000182	0.002835	0.031516	0.015256	0.097129	0.056308	0.133892	0.125106	0.289430	0.210148	0.171783	0.114801	0.047772	0.443464	0.808650	0.452531	0.489235	0.802682	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.678152	0.667211	0.311485	-1.99918	0.642879
{1}-{3}	0*30	0*120	-0.055152	0.667211	0.934260	-1.37618	1.265879
{1}-{4}	0*30	0*180	0.784667	0.667211	0.241907	-0.53636	2.105698
{1}-{5}	0*30	1*30	0.393144	0.684993	0.567083	-0.96309	1.749382
{1}-{6}	0*30	1*60	0.996811	0.764582	0.194820	-0.51701	2.510630
{1}-{7}	0*30	1*120	0.801629	0.764582	0.296537	-0.71219	2.315449
{1}-{8}	0*30	1*180	1.241447	0.764582	0.107065	-0.27237	2.755267
{1}-{9}	0*30	2*30	1.094318	0.684993	0.112771	-0.26192	2.450556
{1}-{10}	0*30	2*60	1.461621	0.764582	0.058304	-0.05220	2.975441
{1}-{11}	0*30	2*120	1.311894	0.764582	0.088774	-0.20193	2.825714
{1}-{12}	0*30	2*180	1.333530	0.764582	0.083697	-0.18029	2.847350
{1}-{13}	0*30	3*30	1.060644	0.684993	0.124159	-0.29559	2.416882
{1}-{14}	0*30	3*60	0.746129	0.764582	0.331095	-0.76769	2.259949
{1}-{15}	0*30	3*120	1.687311	0.764582	0.029228	0.17349	3.201130
{1}-{16}	0*30	3*180	2.108947	0.764582	0.006720	0.59513	3.622767
{1}-{17}	0*30	4*30	1.772348	0.684993	0.010863	0.41611	3.128587
{1}-{18}	0*30	4*60	1.812379	0.764582	0.019362	0.29856	3.326199
{1}-{19}	0*30	4*120	2.108106	0.764582	0.006742	0.59429	3.621926
{1}-{20}	0*30	4*180	2.275197	0.764582	0.003535	0.76138	3.789017
{2}-{3}	0*60	0*120	0.623000	0.667211	0.352314	-0.69803	1.944031
{2}-{4}	0*60	0*180	1.462818	0.667211	0.030277	0.14179	2.783849
{2}-{5}	0*60	1*30	1.071295	0.764582	0.163750	-0.44252	2.585115
{2}-{6}	0*60	1*60	1.674962	0.684993	0.015928	0.31872	3.031200
{2}-{7}	0*60	1*120	1.479780	0.764582	0.055293	-0.03404	2.993600
{2}-{8}	0*60	1*180	1.919598	0.764582	0.013382	0.40578	3.433418

{2}-{9}	0*60	2*30	1.772470	0.764582	0.022130	0.25865	3.286290
{2}-{10}	0*60	2*60	2.139773	0.684993	0.002239	0.78353	3.496011
{2}-{11}	0*60	2*120	1.990045	0.764582	0.010413	0.47623	3.503865
{2}-{12}	0*60	2*180	2.011682	0.764582	0.009628	0.49786	3.525502
{2}-{13}	0*60	3*30	1.738795	0.764582	0.024732	0.22498	3.252615
{2}-{14}	0*60	3*60	1.424280	0.684993	0.039723	0.06804	2.780518
{2}-{15}	0*60	3*120	2.365462	0.764582	0.002459	0.85164	3.879282
{2}-{16}	0*60	3*180	2.787098	0.764582	0.000396	1.27328	4.300918
{2}-{17}	0*60	4*30	2.450500	0.764582	0.001731	0.93668	3.964320
{2}-{18}	0*60	4*60	2.490530	0.684993	0.000409	1.13429	3.846768
{2}-{19}	0*60	4*120	2.786258	0.764582	0.000398	1.27244	4.300077
{2}-{20}	0*60	4*180	2.953348	0.764582	0.000182	1.43953	4.467168
{3}-{4}	0*120	0*180	0.839818	0.667211	0.210582	-0.48121	2.160849
{3}-{5}	0*120	1*30	0.448295	0.764582	0.558757	-1.06552	1.962115
{3}-{6}	0*120	1*60	1.051962	0.764582	0.171426	-0.46186	2.565782
{3}-{7}	0*120	1*120	0.856780	0.684993	0.213445	-0.49946	2.213018
{3}-{8}	0*120	1*180	1.296598	0.764582	0.092512	-0.21722	2.810418
{3}-{9}	0*120	2*30	1.149470	0.764582	0.135364	-0.36435	2.663290
{3}-{10}	0*120	2*60	1.516773	0.764582	0.049562	0.00295	3.030593
{3}-{11}	0*120	2*120	1.367045	0.684993	0.048231	0.01081	2.723284
{3}-{12}	0*120	2*180	1.388682	0.764582	0.071826	-0.12514	2.902502
{3}-{13}	0*120	3*30	1.115795	0.764582	0.147081	-0.39802	2.629615
{3}-{14}	0*120	3*60	0.801280	0.764582	0.296746	-0.71254	2.315100
{3}-{15}	0*120	3*120	1.742462	0.684993	0.012237	0.38622	3.098700
{3}-{16}	0*120	3*180	2.164098	0.764582	0.005452	0.65028	3.677918
{3}-{17}	0*120	4*30	1.827500	0.764582	0.018396	0.31368	3.341320

{3}-{18}	0*120	4*60	1.867530	0.764582	0.016041	0.35371	3.381350
{3}-{19}	0*120	4*120	2.163258	0.684993	0.002009	0.80702	3.519496
{3}-{20}	0*120	4*180	2.330348	0.764582	0.002835	0.81653	3.844168
{4}-{5}	0*180	1*30	-0.391523	0.764582	0.609540	-1.90534	1.122297
{4}-{6}	0*180	1*60	0.212144	0.764582	0.781901	-1.30168	1.725964
{4}-{7}	0*180	1*120	0.016962	0.764582	0.982337	-1.49686	1.530782
{4}-{8}	0*180	1*180	0.456780	0.684993	0.506155	-0.89946	1.813018
{4}-{9}	0*180	2*30	0.309652	0.764582	0.686203	-1.20417	1.823471
{4}-{10}	0*180	2*60	0.676955	0.764582	0.377716	-0.83687	2.190774
{4}-{11}	0*180	2*120	0.527227	0.764582	0.491801	-0.98659	2.041047
{4}-{12}	0*180	2*180	0.548864	0.684993	0.424560	-0.80737	1.905102
{4}-{13}	0*180	3*30	0.275977	0.764582	0.718770	-1.23784	1.789797
{4}-{14}	0*180	3*60	-0.038538	0.764582	0.959884	-1.55236	1.475282
{4}-{15}	0*180	3*120	0.902644	0.764582	0.240108	-0.61118	2.416464
{4}-{16}	0*180	3*180	1.324280	0.684993	0.055558	-0.03196	2.680518
{4}-{17}	0*180	4*30	0.987682	0.764582	0.198911	-0.52614	2.501502
{4}-{18}	0*180	4*60	1.027712	0.764582	0.181436	-0.48611	2.541532
{4}-{19}	0*180	4*120	1.323439	0.764582	0.086034	-0.19038	2.837259
{4}-{20}	0*180	4*180	1.490530	0.684993	0.031516	0.13429	2.846768
{5}-{6}	1*30	1*60	0.603667	0.667211	0.367405	-0.71736	1.924698
{5}-{7}	1*30	1*120	0.408485	0.667211	0.541546	-0.91255	1.729516
{5}-{8}	1*30	1*180	0.848303	0.667211	0.206039	-0.47273	2.169334
{5}-{9}	1*30	2*30	0.701174	0.684993	0.308073	-0.65506	2.057412
{5}-{10}	1*30	2*60	1.068477	0.764582	0.164852	-0.44534	2.582297
{5}-{11}	1*30	2*120	0.918750	0.764582	0.231871	-0.59507	2.432570
{5}-{12}	1*30	2*180	0.940386	0.764582	0.221127	-0.57343	2.454206

{5}-{13}	1*30	3*30	0.667500	0.684993	0.331787	-0.68874	2.023738
{5}-{14}	1*30	3*60	0.352985	0.764582	0.645154	-1.16084	1.866805
{5}-{15}	1*30	3*120	1.294167	0.764582	0.093118	-0.21965	2.807987
{5}-{16}	1*30	3*180	1.715803	0.764582	0.026659	0.20198	3.229623
{5}-{17}	1*30	4*30	1.379205	0.684993	0.046304	0.02297	2.735443
{5}-{18}	1*30	4*60	1.419235	0.764582	0.065875	-0.09459	2.933055
{5}-{19}	1*30	4*120	1.714962	0.764582	0.026732	0.20114	3.228782
{5}-{20}	1*30	4*180	1.882053	0.764582	0.015256	0.36823	3.395873
{6}-{7}	1*60	1*120	-0.195182	0.667211	0.770384	-1.51621	1.125849
{6}-{8}	1*60	1*180	0.244636	0.667211	0.714522	-1.07639	1.565667
{6}-{9}	1*60	2*30	0.097508	0.764582	0.898734	-1.41631	1.611327
{6}-{10}	1*60	2*60	0.464811	0.684993	0.498721	-0.89143	1.821049
{6}-{11}	1*60	2*120	0.315083	0.764582	0.681002	-1.19874	1.828903
{6}-{12}	1*60	2*180	0.336720	0.764582	0.660442	-1.17710	1.850540
{6}-{13}	1*60	3*30	0.063833	0.764582	0.933603	-1.44999	1.577653
{6}-{14}	1*60	3*60	-0.250682	0.684993	0.715037	-1.60692	1.105556
{6}-{15}	1*60	3*120	0.690500	0.764582	0.368278	-0.82332	2.204320
{6}-{16}	1*60	3*180	1.112136	0.764582	0.148400	-0.40168	2.625956
{6}-{17}	1*60	4*30	0.775538	0.764582	0.312467	-0.73828	2.289358
{6}-{18}	1*60	4*60	0.815568	0.684993	0.236152	-0.54067	2.171806
{6}-{19}	1*60	4*120	1.111295	0.764582	0.148704	-0.40252	2.625115
{6}-{20}	1*60	4*180	1.278386	0.764582	0.097129	-0.23543	2.792206
{7}-{8}	1*120	1*180	0.439818	0.667211	0.511037	-0.88121	1.760849
{7}-{9}	1*120	2*30	0.292689	0.764582	0.702538	-1.22113	1.806509
{7}-{10}	1*120	2*60	0.659992	0.764582	0.389746	-0.85383	2.173812
{7}-{11}	1*120	2*120	0.510265	0.684993	0.457776	-0.84597	1.866503



{7}-{12}	1*120	2*180	0.531902	0.764582	0.487977	-0.98192	2.045721
{7}-{13}	1*120	3*30	0.259015	0.764582	0.735377	-1.25480	1.772835
{7}-{14}	1*120	3*60	-0.055500	0.764582	0.942254	-1.56932	1.458320
{7}-{15}	1*120	3*120	0.885682	0.684993	0.198502	-0.47056	2.241920
{7}-{16}	1*120	3*180	1.307318	0.764582	0.089879	-0.20650	2.821138
{7}-{17}	1*120	4*30	0.970720	0.764582	0.206681	-0.54310	2.484540
{7}-{18}	1*120	4*60	1.010750	0.764582	0.188695	-0.50307	2.524570
{7}-{19}	1*120	4*120	1.306477	0.684993	0.058874	-0.04976	2.662715
{7}-{20}	1*120	4*180	1.473568	0.764582	0.056308	-0.04025	2.987388
{8}-{9}	1*180	2*30	-0.147129	0.764582	0.847730	-1.66095	1.366691
{8}-{10}	1*180	2*60	0.220174	0.764582	0.773869	-1.29365	1.733994
{8}-{11}	1*180	2*120	0.070447	0.764582	0.926742	-1.44337	1.584267
{8}-{12}	1*180	2*180	0.092083	0.684993	0.893288	-1.26415	1.448321
{8}-{13}	1*180	3*30	-0.180803	0.764582	0.813469	-1.69462	1.333017
{8}-{14}	1*180	3*60	-0.495318	0.764582	0.518333	-2.00914	1.018502
{8}-{15}	1*180	3*120	0.445864	0.764582	0.560889	-1.06796	1.959684
{8}-{16}	1*180	3*180	0.867500	0.684993	0.207810	-0.48874	2.223738
{8}-{17}	1*180	4*30	0.530902	0.764582	0.488794	-0.98292	2.044721
{8}-{18}	1*180	4*60	0.570932	0.764582	0.456691	-0.94289	2.084752
{8}-{19}	1*180	4*120	0.866659	0.764582	0.259261	-0.64716	2.380479
{8}-{20}	1*180	4*180	1.033750	0.684993	0.133892	-0.32249	2.389988
{9}-{10}	2*30	2*60	0.367303	0.667211	0.582996	-0.95373	1.688334
{9}-{11}	2*30	2*120	0.217576	0.667211	0.744919	-1.10346	1.538607
{9}-{12}	2*30	2*180	0.239212	0.667211	0.720580	-1.08182	1.560243
{9}-{13}	2*30	3*30	-0.033674	0.684993	0.960874	-1.38991	1.322564
{9}-{14}	2*30	3*60	-0.348189	0.764582	0.649646	-1.86201	1.165630

{9}-{15}	2*30	3*120	0.592992	0.764582	0.439525	-0.92083	2.106812
{9}-{16}	2*30	3*180	1.014629	0.764582	0.187016	-0.49919	2.528449
{9}-{17}	2*30	4*30	0.678030	0.684993	0.324246	-0.67821	2.034268
{9}-{18}	2*30	4*60	0.718061	0.764582	0.349538	-0.79576	2.231880
{9}-{19}	2*30	4*120	1.013788	0.764582	0.187379	-0.50003	2.527608
{9}-{20}	2*30	4*180	1.180879	0.764582	0.125106	-0.33294	2.694699
{10}-{11}	2*60	2*120	-0.149727	0.667211	0.822822	-1.47076	1.171304
{10}-{12}	2*60	2*180	-0.128091	0.667211	0.848083	-1.44912	1.192940
{10}-{13}	2*60	3*30	-0.400977	0.764582	0.600940	-1.91480	1.112843
{10}-{14}	2*60	3*60	-0.715492	0.684993	0.298342	-2.07173	0.640746
{10}-{15}	2*60	3*120	0.225689	0.764582	0.768367	-1.28813	1.739509
{10}-{16}	2*60	3*180	0.647326	0.764582	0.398881	-0.86649	2.161146
{10}-{17}	2*60	4*30	0.310727	0.764582	0.685172	-1.20309	1.824547
{10}-{18}	2*60	4*60	0.350758	0.684993	0.609550	-1.00548	1.706996
{10}-{19}	2*60	4*120	0.646485	0.764582	0.399492	-0.86734	2.160305
{10}-{20}	2*60	4*180	0.813576	0.764582	0.289430	-0.70024	2.327396
{11}-{12}	2*120	2*180	0.021636	0.667211	0.974185	-1.29939	1.342667
{11}-{13}	2*120	3*30	-0.251250	0.764582	0.743023	-1.76507	1.262570
{11}-{14}	2*120	3*60	-0.565765	0.764582	0.460766	-2.07959	0.948055
{11}-{15}	2*120	3*120	0.375417	0.684993	0.584669	-0.98082	1.731655
{11}-{16}	2*120	3*180	0.797053	0.764582	0.299290	-0.71677	2.310873
{11}-{17}	2*120	4*30	0.460455	0.764582	0.548157	-1.05337	1.974274
{11}-{18}	2*120	4*60	0.500485	0.764582	0.513987	-1.01334	2.014305
{11}-{19}	2*120	4*120	0.796212	0.684993	0.247393	-0.56003	2.152450
{11}-{20}	2*120	4*180	0.963303	0.764582	0.210148	-0.55052	2.477123
{12}-{13}	2*180	3*30	-0.272886	0.764582	0.721787	-1.78671	1.240934

{12}-{14}	2*180	3*60	-0.587402	0.764582	0.443839	-2.10122	0.926418
{12}-{15}	2*180	3*120	0.353780	0.764582	0.644410	-1.16004	1.867600
{12}-{16}	2*180	3*180	0.775417	0.684993	0.259888	-0.58082	2.131655
{12}-{17}	2*180	4*30	0.438818	0.764582	0.567088	-1.07500	1.952638
{12}-{18}	2*180	4*60	0.478848	0.764582	0.532316	-1.03497	1.992668
{12}-{19}	2*180	4*120	0.774576	0.764582	0.313065	-0.73924	2.288396
{12}-{20}	2*180	4*180	0.941667	0.684993	0.171783	-0.41457	2.297905
{13}-{14}	3*30	3*60	-0.314515	0.667211	0.638220	-1.63555	1.006516
{13}-{15}	3*30	3*120	0.626667	0.667211	0.349498	-0.69436	1.947698
{13}-{16}	3*30	3*180	1.048303	0.667211	0.118776	-0.27273	2.369334
{13}-{17}	3*30	4*30	0.711705	0.684993	0.300896	-0.64453	2.067943
{13}-{18}	3*30	4*60	0.751735	0.764582	0.327489	-0.76209	2.265555
{13}-{19}	3*30	4*120	1.047462	0.764582	0.173251	-0.46636	2.561282
{13}-{20}	3*30	4*180	1.214553	0.764582	0.114801	-0.29927	2.728373
{14}-{15}	3*60	3*120	0.941182	0.667211	0.160943	-0.37985	2.262213
{14}-{16}	3*60	3*180	1.362818	0.667211	0.043287	0.04179	2.683849
{14}-{17}	3*60	4*30	1.026220	0.764582	0.182066	-0.48760	2.540040
{14}-{18}	3*60	4*60	1.066250	0.684993	0.122202	-0.28999	2.422488
{14}-{19}	3*60	4*120	1.361977	0.764582	0.077387	-0.15184	2.875797
{14}-{20}	3*60	4*180	1.529068	0.764582	0.047772	0.01525	3.042888
{15}-{16}	3*120	3*180	0.421636	0.667211	0.528629	-0.89939	1.742667
{15}-{17}	3*120	4*30	0.085038	0.764582	0.911627	-1.42878	1.598858
{15}-{18}	3*120	4*60	0.125068	0.764582	0.870339	-1.38875	1.638888
{15}-{19}	3*120	4*120	0.420795	0.684993	0.540176	-0.93544	1.777034
{15}-{20}	3*120	4*180	0.587886	0.764582	0.443464	-0.92593	2.101706
{16}-{17}	3*180	4*30	-0.336598	0.764582	0.660556	-1.85042	1.177221

{16}-{18}	3*180	4*60	-0.296568	0.764582	0.698790	-1.81039	1.217252
{16}-{19}	3*180	4*120	-0.000841	0.764582	0.999124	-1.51466	1.512979
{16}-{20}	3*180	4*180	0.166250	0.684993	0.808650	-1.18999	1.522488
{17}-{18}	4*30	4*60	0.040030	0.667211	0.952258	-1.28100	1.361061
{17}-{19}	4*30	4*120	0.335758	0.667211	0.615728	-0.98527	1.656788
{17}-{20}	4*30	4*180	0.502848	0.667211	0.452531	-0.81818	1.823879
{18}-{19}	4*60	4*120	0.295727	0.667211	0.658398	-1.02530	1.616758
{18}-{20}	4*60	4*180	0.462818	0.667211	0.489235	-0.85821	1.783849
{19}-{20}	4*120	4*180	0.167091	0.667211	0.802682	-1.15394	1.488122

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 11.067	{2} - 12.188	{3} - 10.224	{4} - 7.5134	{5} - 12.797	{6} - 8.8455	{7} - 9.0723	{8} - 6.2437	{9} - 9.2785	{10} - 7.2817	{11} - 7.9994	{12} - 8.2071	{13} - 9.3791	{14} - 8.8368	{15} - 5.8909	{16} - 4.3532	{17} - 8.4706	{18} - 8.9465	{19} - 4.2187	{20} - 4.1992
1	0	30		0.576090	0.674237	0.078185	0.383071	0.339689	0.391109	0.039514	0.367442	0.104979	0.188093	0.219578	0.394924	0.337813	0.027351	0.004474	0.191533	0.362019	0.003759	0.003665
2	0	60	0.576090		0.328071	0.021089	0.793137	0.093407	0.181267	0.011536	0.211677	0.014434	0.073153	0.088366	0.227800	0.092570	0.007547	0.000974	0.111265	0.103616	0.000802	0.000780
3	0	120	0.674237	0.328071		0.177923	0.268996	0.553057	0.561242	0.088419	0.684021	0.206616	0.262635	0.385841	0.716088	0.550565	0.030289	0.012576	0.450737	0.582469	0.002920	0.010489
4	0	180	0.078185	0.021089	0.177923		0.024355	0.566425	0.502372	0.521829	0.447672	0.920500	0.834230	0.726197	0.422283	0.568951	0.485119	0.112466	0.680259	0.537418	0.157635	0.096178
5	1	30	0.383071	0.793137	0.268996	0.024355		0.050496	0.065020	0.001375	0.077582	0.018873	0.040545	0.049892	0.086336	0.090014	0.003484	0.000398	0.030538	0.099164	0.000324	0.000315
6	1	60	0.339689	0.093407	0.553057	0.566425	0.050496		0.909912	0.195810	0.852064	0.430369	0.715620	0.783405	0.818244	0.996506	0.204710	0.054871	0.871735	0.959335	0.048103	0.047184
7	1	120	0.391109	0.181267	0.561242	0.502372	0.065020	0.909912		0.159888	0.929223	0.441155	0.588238	0.709525	0.894867	0.919226	0.110100	0.043881	0.795556	0.956790	0.015493	0.037542
8	1	180	0.039514	0.011536	0.088419	0.521829	0.001375	0.195810	0.159888		0.192769	0.654981	0.450102	0.322502	0.178532	0.265308	0.879225	0.340736	0.338433	0.245731	0.383885	0.303020
9	2	30	0.367442	0.211677	0.684021	0.447672	0.077582	0.852064	0.929223	0.192769		0.320108	0.523689	0.593189	0.959488	0.849136	0.146337	0.035578	0.683435	0.886291	0.030926	0.030298
10	2	60	0.104979	0.014434	0.206616	0.920500	0.018873	0.430369	0.441155	0.654981	0.320108		0.720353	0.644404	0.367153	0.432925	0.549473	0.208720	0.608804	0.401281	0.188705	0.185928

11	2	120	0.188093	0.073153	0.262635	0.834230	0.040545	0.715620	0.588238	0.450102	0.523689	0.720353		0.917431	0.552639	0.718409	0.288200	0.118204	0.839183	0.683442	0.058150	0.103605
12	2	180	0.219578	0.088366	0.385841	0.726197	0.049892	0.783405	0.709525	0.322502	0.593189	0.644404	0.917431		0.613919	0.786276	0.319478	0.053516	0.909665	0.750217	0.087762	0.044791
13	3	30	0.394924	0.227800	0.716088	0.422283	0.086336	0.818244	0.894867	0.178532	0.959488	0.367153	0.552639	0.613919		0.786751	0.083714	0.013304	0.646581	0.852192	0.027801	0.027229
14	3	60	0.337813	0.092570	0.550565	0.568951	0.090014	0.996506	0.919226	0.265308	0.849136	0.432925	0.718409	0.786276	0.786751		0.143398	0.026820	0.874678	0.955846	0.048517	0.047591
15	3	120	0.027351	0.007547	0.030289	0.485119	0.003484	0.204710	0.110100	0.879225	0.146337	0.549473	0.288200	0.319478	0.083714	0.143398		0.443526	0.267771	0.189760	0.399212	0.466755
16	3	180	0.004474	0.000974	0.012576	0.112466	0.000398	0.054871	0.043881	0.340736	0.035578	0.208720	0.118204	0.053516	0.013304	0.026820	0.443526		0.078099	0.049719	0.953809	0.938032
17	4	30	0.191533	0.111265	0.450737	0.680259	0.030538	0.871735	0.795556	0.338433	0.683435	0.608804	0.839183	0.909665	0.646581	0.874678	0.267771	0.078099		0.812343	0.035567	0.034747
18	4	60	0.362019	0.103616	0.582469	0.537418	0.099164	0.959335	0.956790	0.245731	0.886291	0.401281	0.683442	0.750217	0.852192	0.955846	0.189760	0.049719	0.812343		0.019697	0.019208
19	4	120	0.003759	0.000802	0.002920	0.157635	0.000324	0.048103	0.015493	0.383885	0.030926	0.188705	0.058150	0.087762	0.027801	0.048517	0.399212	0.953809	0.035567	0.019697		0.992243
20	4	180	0.003665	0.000780	0.010489	0.096178	0.000315	0.047184	0.037542	0.303020	0.030298	0.185928	0.103605	0.044791	0.027229	0.047591	0.466755	0.938032	0.034747	0.019208	0.992243	

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-1.12133	2.000104	0.576090	-5.08140	2.83873
{1}-{3}	0*30	0*120	0.84279	2.000104	0.674237	-3.11728	4.80285
{1}-{4}	0*30	0*180	3.55318	2.000104	0.078185	-0.40688	7.51325
{1}-{5}	0*30	1*30	-1.73030	1.976443	0.383071	-5.64352	2.18292
{1}-{6}	0*30	1*60	2.22109	2.317020	0.339689	-2.36645	6.80863
{1}-{7}	0*30	1*120	1.99430	2.317020	0.391109	-2.59324	6.58184
{1}-{8}	0*30	1*180	4.82288	2.317020	0.039514	0.23534	9.41042
{1}-{9}	0*30	2*30	1.78807	1.976443	0.367442	-2.12515	5.70129

{1}-{10}	0*30	2*60	3.78492	2.317020	0.104979	-0.80262	8.37246
{1}-{11}	0*30	2*120	3.06722	2.317020	0.188093	-1.52032	7.65476
{1}-{12}	0*30	2*180	2.85943	2.317020	0.219578	-1.72811	7.44697
{1}-{13}	0*30	3*30	1.68746	1.976443	0.394924	-2.22576	5.60068
{1}-{14}	0*30	3*60	2.22977	2.317020	0.337813	-2.35777	6.81730
{1}-{15}	0*30	3*120	5.17570	2.317020	0.027351	0.58817	9.76324
{1}-{16}	0*30	3*180	6.71337	2.317020	0.004474	2.12583	11.30091
{1}-{17}	0*30	4*30	2.59598	1.976443	0.191533	-1.31723	6.50920
{1}-{18}	0*30	4*60	2.12011	2.317020	0.362019	-2.46743	6.70765
{1}-{19}	0*30	4*120	6.84786	2.317020	0.003759	2.26032	11.43540
{1}-{20}	0*30	4*180	6.86735	2.317020	0.003665	2.27981	11.45489
{2}-{3}	0*60	0*120	1.96412	2.000104	0.328071	-1.99595	5.92419
{2}-{4}	0*60	0*180	4.67452	2.000104	0.021089	0.71445	8.63458
{2}-{5}	0*60	1*30	-0.60897	2.317020	0.793137	-5.19651	3.97857
{2}-{6}	0*60	1*60	3.34242	1.976443	0.093407	-0.57079	7.25564
{2}-{7}	0*60	1*120	3.11564	2.317020	0.181267	-1.47190	7.70318
{2}-{8}	0*60	1*180	5.94421	2.317020	0.011536	1.35667	10.53175
{2}-{9}	0*60	2*30	2.90940	2.317020	0.211677	-1.67814	7.49694
{2}-{10}	0*60	2*60	4.90625	1.976443	0.014434	0.99303	8.81947
{2}-{11}	0*60	2*120	4.18855	2.317020	0.073153	-0.39899	8.77609
{2}-{12}	0*60	2*180	3.98077	2.317020	0.088366	-0.60677	8.56830
{2}-{13}	0*60	3*30	2.80880	2.317020	0.227800	-1.77874	7.39633
{2}-{14}	0*60	3*60	3.35110	1.976443	0.092570	-0.56212	7.26432
{2}-{15}	0*60	3*120	6.29704	2.317020	0.007547	1.70950	10.88458
{2}-{16}	0*60	3*180	7.83470	2.317020	0.000974	3.24717	12.42224
{2}-{17}	0*60	4*30	3.71732	2.317020	0.111265	-0.87022	8.30486

{2}-{18}	0*60	4*60	3.24144	1.976443	0.103616	-0.67178	7.15466
{2}-{19}	0*60	4*120	7.96920	2.317020	0.000802	3.38166	12.55674
{2}-{20}	0*60	4*180	7.98868	2.317020	0.000780	3.40114	12.57622
{3}-{4}	0*120	0*180	2.71039	2.000104	0.177923	-1.24967	6.67046
{3}-{5}	0*120	1*30	-2.57309	2.317020	0.268996	-7.16063	2.01445
{3}-{6}	0*120	1*60	1.37830	2.317020	0.553057	-3.20924	5.96584
{3}-{7}	0*120	1*120	1.15152	1.976443	0.561242	-2.76170	5.06473
{3}-{8}	0*120	1*180	3.98009	2.317020	0.088419	-0.60745	8.56763
{3}-{9}	0*120	2*30	0.94528	2.317020	0.684021	-3.64226	5.53282
{3}-{10}	0*120	2*60	2.94213	2.317020	0.206616	-1.64541	7.52967
{3}-{11}	0*120	2*120	2.22443	1.976443	0.262635	-1.68879	6.13765
{3}-{12}	0*120	2*180	2.01664	2.317020	0.385841	-2.57090	6.60418
{3}-{13}	0*120	3*30	0.84467	2.317020	0.716088	-3.74286	5.43221
{3}-{14}	0*120	3*60	1.38698	2.317020	0.550565	-3.20056	5.97452
{3}-{15}	0*120	3*120	4.33292	1.976443	0.030289	0.41970	8.24614
{3}-{16}	0*120	3*180	5.87058	2.317020	0.012576	1.28304	10.45812
{3}-{17}	0*120	4*30	1.75320	2.317020	0.450737	-2.83434	6.34074
{3}-{18}	0*120	4*60	1.27732	2.317020	0.582469	-3.31022	5.86486
{3}-{19}	0*120	4*120	6.00508	1.976443	0.002920	2.09186	9.91829
{3}-{20}	0*120	4*180	6.02456	2.317020	0.010489	1.43702	10.61210
{4}-{5}	0*180	1*30	-5.28348	2.317020	0.024355	-9.87102	-0.69595
{4}-{6}	0*180	1*60	-1.33209	2.317020	0.566425	-5.91963	3.25545
{4}-{7}	0*180	1*120	-1.55888	2.317020	0.502372	-6.14642	3.02866
{4}-{8}	0*180	1*180	1.26970	1.976443	0.521829	-2.64352	5.18292
{4}-{9}	0*180	2*30	-1.76511	2.317020	0.447672	-6.35265	2.82243
{4}-{10}	0*180	2*60	0.23173	2.317020	0.920500	-4.35580	4.81927

{4}-{11}	0*180	2*120	-0.48596	2.317020	0.834230	-5.07350	4.10158
{4}-{12}	0*180	2*180	-0.69375	1.976443	0.726197	-4.60697	3.21947
{4}-{13}	0*180	3*30	-1.86572	2.317020	0.422283	-6.45326	2.72182
{4}-{14}	0*180	3*60	-1.32342	2.317020	0.568951	-5.91096	3.26412
{4}-{15}	0*180	3*120	1.62252	2.317020	0.485119	-2.96502	6.21006
{4}-{16}	0*180	3*180	3.16019	1.976443	0.112466	-0.75303	7.07341
{4}-{17}	0*180	4*30	-0.95720	2.317020	0.680259	-5.54474	3.63034
{4}-{18}	0*180	4*60	-1.43308	2.317020	0.537418	-6.02061	3.15446
{4}-{19}	0*180	4*120	3.29468	2.317020	0.157635	-1.29286	7.88222
{4}-{20}	0*180	4*180	3.31417	1.976443	0.096178	-0.59905	7.22739
{5}-{6}	1*30	1*60	3.95139	2.000104	0.050496	-0.00867	7.91146
{5}-{7}	1*30	1*120	3.72461	2.000104	0.065020	-0.23546	7.68467
{5}-{8}	1*30	1*180	6.55318	2.000104	0.001375	2.59312	10.51325
{5}-{9}	1*30	2*30	3.51837	1.976443	0.077582	-0.39485	7.43159
{5}-{10}	1*30	2*60	5.51522	2.317020	0.018873	0.92768	10.10276
{5}-{11}	1*30	2*120	4.79752	2.317020	0.040545	0.20998	9.38506
{5}-{12}	1*30	2*180	4.58973	2.317020	0.049892	0.00220	9.17727
{5}-{13}	1*30	3*30	3.41777	1.976443	0.086336	-0.49545	7.33098
{5}-{14}	1*30	3*60	3.96007	2.317020	0.090014	-0.62747	8.54761
{5}-{15}	1*30	3*120	6.90601	2.317020	0.003484	2.31847	11.49355
{5}-{16}	1*30	3*180	8.44367	2.317020	0.000398	3.85614	13.03121
{5}-{17}	1*30	4*30	4.32629	1.976443	0.030538	0.41307	8.23951
{5}-{18}	1*30	4*60	3.85041	2.317020	0.099164	-0.73713	8.43795
{5}-{19}	1*30	4*120	8.57817	2.317020	0.000324	3.99063	13.16571
{5}-{20}	1*30	4*180	8.59765	2.317020	0.000315	4.01011	13.18519
{6}-{7}	1*60	1*120	-0.22679	2.000104	0.909912	-4.18685	3.73328



{6}-{8}	1*60	1*180	2.60179	2.000104	0.195810	-1.35828	6.56185
{6}-{9}	1*60	2*30	-0.43302	2.317020	0.852064	-5.02056	4.15452
{6}-{10}	1*60	2*60	1.56383	1.976443	0.430369	-2.34939	5.47704
{6}-{11}	1*60	2*120	0.84613	2.317020	0.715620	-3.74141	5.43367
{6}-{12}	1*60	2*180	0.63834	2.317020	0.783405	-3.94920	5.22588
{6}-{13}	1*60	3*30	-0.53363	2.317020	0.818244	-5.12117	4.05391
{6}-{14}	1*60	3*60	0.00867	1.976443	0.996506	-3.90454	3.92189
{6}-{15}	1*60	3*120	2.95461	2.317020	0.204710	-1.63293	7.54215
{6}-{16}	1*60	3*180	4.49228	2.317020	0.054871	-0.09526	9.07982
{6}-{17}	1*60	4*30	0.37489	2.317020	0.871735	-4.21265	4.96243
{6}-{18}	1*60	4*60	-0.10098	1.976443	0.959335	-4.01420	3.81223
{6}-{19}	1*60	4*120	4.62677	2.317020	0.048103	0.03923	9.21431
{6}-{20}	1*60	4*180	4.64626	2.317020	0.047184	0.05872	9.23380
{7}-{8}	1*120	1*180	2.82858	2.000104	0.159888	-1.13149	6.78864
{7}-{9}	1*120	2*30	-0.20623	2.317020	0.929223	-4.79377	4.38130
{7}-{10}	1*120	2*60	1.79061	2.317020	0.441155	-2.79693	6.37815
{7}-{11}	1*120	2*120	1.07292	1.976443	0.588238	-2.84030	4.98614
{7}-{12}	1*120	2*180	0.86513	2.317020	0.709525	-3.72241	5.45267
{7}-{13}	1*120	3*30	-0.30684	2.317020	0.894867	-4.89438	4.28070
{7}-{14}	1*120	3*60	0.23546	2.317020	0.919226	-4.35208	4.82300
{7}-{15}	1*120	3*120	3.18140	1.976443	0.110100	-0.73182	7.09462
{7}-{16}	1*120	3*180	4.71907	2.317020	0.043881	0.13153	9.30661
{7}-{17}	1*120	4*30	0.60168	2.317020	0.795556	-3.98586	5.18922
{7}-{18}	1*120	4*60	0.12580	2.317020	0.956790	-4.46174	4.71334
{7}-{19}	1*120	4*120	4.85356	1.976443	0.015493	0.94034	8.76678
{7}-{20}	1*120	4*180	4.87305	2.317020	0.037542	0.28551	9.46058

{8}-{9}	1*180	2*30	-3.03481	2.317020	0.192769	-7.62235	1.55273
{8}-{10}	1*180	2*60	-1.03796	2.317020	0.654981	-5.62550	3.54958
{8}-{11}	1*180	2*120	-1.75566	2.317020	0.450102	-6.34320	2.83188
{8}-{12}	1*180	2*180	-1.96345	1.976443	0.322502	-5.87667	1.94977
{8}-{13}	1*180	3*30	-3.13542	2.317020	0.178532	-7.72296	1.45212
{8}-{14}	1*180	3*60	-2.59311	2.317020	0.265308	-7.18065	1.99443
{8}-{15}	1*180	3*120	0.35283	2.317020	0.879225	-4.23471	4.94036
{8}-{16}	1*180	3*180	1.89049	1.976443	0.340736	-2.02273	5.80371
{8}-{17}	1*180	4*30	-2.22689	2.317020	0.338433	-6.81443	2.36065
{8}-{18}	1*180	4*60	-2.70277	2.317020	0.245731	-7.29031	1.88477
{8}-{19}	1*180	4*120	2.02498	2.317020	0.383885	-2.56255	6.61252
{8}-{20}	1*180	4*180	2.04447	1.976443	0.303020	-1.86875	5.95769
{9}-{10}	2*30	2*60	1.99685	2.000104	0.320108	-1.96322	5.95692
{9}-{11}	2*30	2*120	1.27915	2.000104	0.523689	-2.68092	5.23922
{9}-{12}	2*30	2*180	1.07136	2.000104	0.593189	-2.88870	5.03143
{9}-{13}	2*30	3*30	-0.10061	1.976443	0.959488	-4.01382	3.81261
{9}-{14}	2*30	3*60	0.44170	2.317020	0.849136	-4.14584	5.02924
{9}-{15}	2*30	3*120	3.38764	2.317020	0.146337	-1.19990	7.97518
{9}-{16}	2*30	3*180	4.92530	2.317020	0.035578	0.33776	9.51284
{9}-{17}	2*30	4*30	0.80792	1.976443	0.683435	-3.10530	4.72114
{9}-{18}	2*30	4*60	0.33204	2.317020	0.886291	-4.25550	4.91958
{9}-{19}	2*30	4*120	5.05980	2.317020	0.030926	0.47226	9.64733
{9}-{20}	2*30	4*180	5.07928	2.317020	0.030298	0.49174	9.66682
{10}-{11}	2*60	2*120	-0.71770	2.000104	0.720353	-4.67776	3.24237
{10}-{12}	2*60	2*180	-0.92548	2.000104	0.644404	-4.88555	3.03458
{10}-{13}	2*60	3*30	-2.09745	2.317020	0.367153	-6.68499	2.49008

{10}-{14}	2*60	3*60	-1.55515	1.976443	0.432925	-5.46837	2.35807
{10}-{15}	2*60	3*120	1.39079	2.317020	0.549473	-3.19675	5.97833
{10}-{16}	2*60	3*180	2.92845	2.317020	0.208720	-1.65908	7.51599
{10}-{17}	2*60	4*30	-1.18893	2.317020	0.608804	-5.77647	3.39861
{10}-{18}	2*60	4*60	-1.66481	1.976443	0.401281	-5.57803	2.24841
{10}-{19}	2*60	4*120	3.06295	2.317020	0.188705	-1.52459	7.65049
{10}-{20}	2*60	4*180	3.08243	2.317020	0.185928	-1.50511	7.66997
{11}-{12}	2*120	2*180	-0.20779	2.000104	0.917431	-4.16785	3.75228
{11}-{13}	2*120	3*30	-1.37976	2.317020	0.552639	-5.96730	3.20778
{11}-{14}	2*120	3*60	-0.83745	2.317020	0.718409	-5.42499	3.75008
{11}-{15}	2*120	3*120	2.10848	1.976443	0.288200	-1.80473	6.02170
{11}-{16}	2*120	3*180	3.64615	2.317020	0.118204	-0.94139	8.23369
{11}-{17}	2*120	4*30	-0.47123	2.317020	0.839183	-5.05877	4.11630
{11}-{18}	2*120	4*60	-0.94711	2.317020	0.683442	-5.53465	3.64043
{11}-{19}	2*120	4*120	3.78064	1.976443	0.058150	-0.13257	7.69386
{11}-{20}	2*120	4*180	3.80013	2.317020	0.103605	-0.78741	8.38767
{12}-{13}	2*180	3*30	-1.17197	2.317020	0.613919	-5.75951	3.41557
{12}-{14}	2*180	3*60	-0.62967	2.317020	0.786276	-5.21721	3.95787
{12}-{15}	2*180	3*120	2.31627	2.317020	0.319478	-2.27127	6.90381
{12}-{16}	2*180	3*180	3.85394	1.976443	0.053516	-0.05928	7.76716
{12}-{17}	2*180	4*30	-0.26345	2.317020	0.909665	-4.85099	4.32409
{12}-{18}	2*180	4*60	-0.73933	2.317020	0.750217	-5.32686	3.84821
{12}-{19}	2*180	4*120	3.98843	2.317020	0.087762	-0.59911	8.57597
{12}-{20}	2*180	4*180	4.00792	1.976443	0.044791	0.09470	7.92114
{13}-{14}	3*30	3*60	0.54230	2.000104	0.786751	-3.41776	4.50237
{13}-{15}	3*30	3*120	3.48824	2.000104	0.083714	-0.47182	7.44831

{13}-{16}	3*30	3*180	5.02591	2.000104	0.013304	1.06584	8.98598
{13}-{17}	3*30	4*30	0.90852	1.976443	0.646581	-3.00470	4.82174
{13}-{18}	3*30	4*60	0.43264	2.317020	0.852192	-4.15490	5.02018
{13}-{19}	3*30	4*120	5.16040	2.317020	0.027801	0.57286	9.74794
{13}-{20}	3*30	4*180	5.17989	2.317020	0.027229	0.59235	9.76743
{14}-{15}	3*60	3*120	2.94594	2.000104	0.143398	-1.01413	6.90601
{14}-{16}	3*60	3*180	4.48361	2.000104	0.026820	0.52354	8.44367
{14}-{17}	3*60	4*30	0.36622	2.317020	0.874678	-4.22132	4.95376
{14}-{18}	3*60	4*60	-0.10966	1.976443	0.955846	-4.02288	3.80356
{14}-{19}	3*60	4*120	4.61810	2.317020	0.048517	0.03056	9.20564
{14}-{20}	3*60	4*180	4.63758	2.317020	0.047591	0.05004	9.22512
{15}-{16}	3*120	3*180	1.53767	2.000104	0.443526	-2.42240	5.49773
{15}-{17}	3*120	4*30	-2.57972	2.317020	0.267771	-7.16726	2.00782
{15}-{18}	3*120	4*60	-3.05560	2.317020	0.189760	-7.64314	1.53194
{15}-{19}	3*120	4*120	1.67216	1.976443	0.399212	-2.24106	5.58538
{15}-{20}	3*120	4*180	1.69164	2.317020	0.466755	-2.89590	6.27918
{16}-{17}	3*180	4*30	-4.11739	2.317020	0.078099	-8.70493	0.47015
{16}-{18}	3*180	4*60	-4.59327	2.317020	0.049719	-9.18080	-0.00573
{16}-{19}	3*180	4*120	0.13449	2.317020	0.953809	-4.45305	4.72203
{16}-{20}	3*180	4*180	0.15398	1.976443	0.938032	-3.75924	4.06720
{17}-{18}	4*30	4*60	-0.47588	2.000104	0.812343	-4.43595	3.48419
{17}-{19}	4*30	4*120	4.25188	2.000104	0.035567	0.29181	8.21195
{17}-{20}	4*30	4*180	4.27136	2.000104	0.034747	0.31130	8.23143
{18}-{19}	4*60	4*120	4.72776	2.000104	0.019697	0.76769	8.68782
{18}-{20}	4*60	4*180	4.74724	2.000104	0.019208	0.78718	8.70731
{19}-{20}	4*120	4*180	0.01948	2.000104	0.992243	-3.94058	3.97955

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 65.049	{2} - 65.485	{3} - 67.107	{4} - 69.640	{5} - 65.943	{6} - 65.489	{7} - 64.756	{8} - 69.662	{9} - 66.537	{10} - 69.809	{11} - 65.058	{12} - 64.237	{13} - 69.364	{14} - 69.418	{15} - 70.031	{16} - 69.100	{17} - 67.579	{18} - 69.142	{19} - 71.873	{20} - 70.879
1	0	30		0.887332	0.504188	0.137649	0.773079	0.887315	0.924889	0.139166	0.631638	0.127077	0.997502	0.793826	0.165970	0.161085	0.110491	0.193508	0.415428	0.188983	0.029547	0.062312
2	0	60	0.887332		0.598510	0.178727	0.882585	0.999006	0.814430	0.180186	0.734824	0.165062	0.890771	0.687897	0.213060	0.206392	0.144961	0.245587	0.500477	0.239817	0.041399	0.084272
3	0	120	0.504188	0.598510		0.411207	0.708039	0.602533	0.449196	0.411210	0.854413	0.384823	0.509527	0.356266	0.467753	0.457131	0.346813	0.521157	0.879132	0.512471	0.126308	0.225817
4	0	180	0.137649	0.178727	0.411207		0.235257	0.182883	0.117623	0.994331	0.318641	0.956465	0.141883	0.083539	0.929173	0.943089	0.899789	0.861988	0.507240	0.872694	0.472470	0.689676
5	1	30	0.773079	0.882585	0.708039	0.235257		0.882560	0.699753	0.228474	0.848339	0.214601	0.775655	0.582868	0.271481	0.264367	0.189645	0.310330	0.598330	0.303993	0.058046	0.113826
6	1	60	0.887315	0.999006	0.602533	0.182883	0.882560		0.811870	0.176848	0.735761	0.165436	0.889788	0.686982	0.213513	0.206835	0.145300	0.246089	0.501267	0.240311	0.041521	0.084492
7	1	120	0.924889	0.814430	0.449196	0.117623	0.699753	0.811870		0.112883	0.566546	0.105543	0.922340	0.867296	0.139617	0.135051	0.091018	0.163474	0.364113	0.159491	0.023248	0.050439
8	1	180	0.139166	0.180186	0.411210	0.994331	0.228474	0.176848	0.112883		0.315229	0.962122	0.139993	0.082302	0.923533	0.937441	0.905411	0.856408	0.502717	0.867106	0.476844	0.694913
9	2	30	0.631638	0.734824	0.854413	0.318641	0.848339	0.735761	0.566546	0.315229		0.288871	0.631195	0.455532	0.363025	0.354300	0.261734	0.409686	0.737039	0.402112	0.087617	0.163690
10	2	60	0.127077	0.165062	0.384823	0.956465	0.214601	0.165436	0.105543	0.962122	0.288871		0.124594	0.072181	0.885918	0.899670	0.943126	0.819429	0.473024	0.829774	0.506666	0.730526
11	2	120	0.997502	0.890771	0.509527	0.141883	0.775655	0.889788	0.922340	0.139993	0.631195	0.124594		0.789641	0.167263	0.162011	0.110892	0.194572	0.417597	0.190027	0.029644	0.062743
12	2	180	0.793826	0.687897	0.356266	0.083539	0.582868	0.686982	0.867296	0.082302	0.455532	0.072181	0.789641		0.100633	0.097117	0.063949	0.118859	0.282987	0.116048	0.015143	0.033944
13	3	30	0.165970	0.213060	0.467753	0.929173	0.271481	0.213513	0.139617	0.923533	0.363025	0.885918	0.167263	0.100633		0.985918	0.828467	0.931813	0.565334	0.943113	0.419650	0.625730
14	3	60	0.161085	0.206392	0.457131	0.943089	0.264367	0.206835	0.135051	0.937441	0.354300	0.899670	0.162011	0.097117	0.985918		0.842245	0.917793	0.553898	0.929139	0.429762	0.638160
15	3	120	0.110491	0.144961	0.346813	0.899789	0.189645	0.145300	0.091018	0.905411	0.261734	0.943126	0.110892	0.063949	0.828467	0.842245		0.762501	0.430313	0.774779	0.552942	0.784756
16	3	180	0.193508	0.245587	0.521157	0.861988	0.310330	0.246089	0.163474	0.856408	0.409686	0.819429	0.194572	0.118859	0.931813	0.917793	0.762501		0.624281	0.989255	0.372676	0.566719
17	4	30	0.415428	0.500477	0.879132	0.507240	0.598330	0.501267	0.364113	0.502717	0.737039	0.473024	0.417597	0.282987	0.565334	0.553898	0.430313	0.624281		0.611722	0.164708	0.284824
18	4	60	0.188983	0.239817	0.512471	0.872694	0.303993	0.240311	0.159491	0.867106	0.402112	0.829774	0.190027	0.116048	0.943113	0.929139	0.774779	0.989255	0.611722		0.375783	0.572860
19	4	120	0.029547	0.041399	0.126308	0.472470	0.058046	0.041521	0.023248	0.476844	0.087617	0.506666	0.029644	0.015143	0.419650	0.429762	0.552942	0.372676	0.164708	0.375783		0.746803
20	4	180	0.062312	0.084272	0.225817	0.689676	0.113826	0.084492	0.050439	0.694913	0.163690	0.730526	0.062743	0.033944	0.625730	0.638160	0.784756	0.566719	0.284824	0.572860	0.746803	

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	-0.43615	3.071865	0.887332	-6.5182	5.64593
{1}-{3}	0*30	0*120	-2.05794	3.071865	0.504188	-8.1400	4.02414
{1}-{4}	0*30	0*180	-4.59115	3.071865	0.137649	-10.6732	1.49093
{1}-{5}	0*30	1*30	-0.89477	3.096084	0.773079	-7.0248	5.23526
{1}-{6}	0*30	1*60	-0.44002	3.098619	0.887315	-6.5751	5.69503
{1}-{7}	0*30	1*120	0.29274	3.098619	0.924889	-5.8423	6.42779
{1}-{8}	0*30	1*180	-4.61320	3.098619	0.139166	-10.7482	1.52185
{1}-{9}	0*30	2*30	-1.48814	3.096084	0.631638	-7.6182	4.64189
{1}-{10}	0*30	2*60	-4.76066	3.098619	0.127077	-10.8957	1.37439
{1}-{11}	0*30	2*120	-0.00972	3.098619	0.997502	-6.1448	6.12533
{1}-{12}	0*30	2*180	0.81161	3.098619	0.793826	-5.3234	6.94666
{1}-{13}	0*30	3*30	-4.31515	3.096084	0.165970	-10.4452	1.81488
{1}-{14}	0*30	3*60	-4.36948	3.098619	0.161085	-10.5045	1.76556
{1}-{15}	0*30	3*120	-4.98218	3.098619	0.110491	-11.1172	1.15287
{1}-{16}	0*30	3*180	-4.05176	3.098619	0.193508	-10.1868	2.08329
{1}-{17}	0*30	4*30	-2.53015	3.096084	0.415428	-8.6602	3.59988
{1}-{18}	0*30	4*60	-4.09358	3.098619	0.188983	-10.2286	2.04147
{1}-{19}	0*30	4*120	-6.82445	3.098619	0.029547	-12.9595	-0.68941
{1}-{20}	0*30	4*180	-5.83039	3.098619	0.062312	-11.9654	0.30466

{2}-{3}	0*60	0*120	-1.62179	3.071865	0.598510	-7.7039	4.46029
{2}-{4}	0*60	0*180	-4.15500	3.071865	0.178727	-10.2371	1.92708
{2}-{5}	0*60	1*30	-0.45862	3.098619	0.882585	-6.5937	5.67643
{2}-{6}	0*60	1*60	-0.00386	3.096084	0.999006	-6.1339	6.12617
{2}-{7}	0*60	1*120	0.72889	3.098619	0.814430	-5.4062	6.86394
{2}-{8}	0*60	1*180	-4.17705	3.098619	0.180186	-10.3121	1.95800
{2}-{9}	0*60	2*30	-1.05199	3.098619	0.734824	-7.1870	5.08306
{2}-{10}	0*60	2*60	-4.32451	3.096084	0.165062	-10.4545	1.80552
{2}-{11}	0*60	2*120	0.42643	3.098619	0.890771	-5.7086	6.56148
{2}-{12}	0*60	2*180	1.24777	3.098619	0.687897	-4.8873	7.38281
{2}-{13}	0*60	3*30	-3.87900	3.098619	0.213060	-10.0140	2.25605
{2}-{14}	0*60	3*60	-3.93333	3.096084	0.206392	-10.0634	2.19670
{2}-{15}	0*60	3*120	-4.54603	3.098619	0.144961	-10.6811	1.58902
{2}-{16}	0*60	3*180	-3.61561	3.098619	0.245587	-9.7507	2.51944
{2}-{17}	0*60	4*30	-2.09400	3.098619	0.500477	-8.2290	4.04105
{2}-{18}	0*60	4*60	-3.65742	3.096084	0.239817	-9.7875	2.47261
{2}-{19}	0*60	4*120	-6.38830	3.098619	0.041399	-12.5234	-0.25325
{2}-{20}	0*60	4*180	-5.39424	3.098619	0.084272	-11.5293	0.74081
{3}-{4}	0*120	0*180	-2.53321	3.071865	0.411207	-8.6153	3.54887
{3}-{5}	0*120	1*30	1.16317	3.098619	0.708039	-4.9719	7.29822
{3}-{6}	0*120	1*60	1.61792	3.098619	0.602533	-4.5171	7.75297
{3}-{7}	0*120	1*120	2.35068	3.096084	0.449196	-3.7793	8.48071
{3}-{8}	0*120	1*180	-2.55526	3.098619	0.411210	-8.6903	3.57979
{3}-{9}	0*120	2*30	0.56980	3.098619	0.854413	-5.5653	6.70484
{3}-{10}	0*120	2*60	-2.70272	3.098619	0.384823	-8.8378	3.43233
{3}-{11}	0*120	2*120	2.04822	3.096084	0.509527	-4.0818	8.17825

{3}-{12}	0*120	2*180	2.86955	3.098619	0.356266	-3.2655	9.00460
{3}-{13}	0*120	3*30	-2.25721	3.098619	0.467753	-8.3923	3.87784
{3}-{14}	0*120	3*60	-2.31155	3.098619	0.457131	-8.4466	3.82350
{3}-{15}	0*120	3*120	-2.92424	3.096084	0.346813	-9.0543	3.20579
{3}-{16}	0*120	3*180	-1.99382	3.098619	0.521157	-8.1289	4.14123
{3}-{17}	0*120	4*30	-0.47221	3.098619	0.879132	-6.6073	5.66284
{3}-{18}	0*120	4*60	-2.03564	3.098619	0.512471	-8.1707	4.09941
{3}-{19}	0*120	4*120	-4.76652	3.096084	0.126308	-10.8965	1.36352
{3}-{20}	0*120	4*180	-3.77245	3.098619	0.225817	-9.9075	2.36259
{4}-{5}	0*180	1*30	3.69638	3.098619	0.235257	-2.4387	9.83143
{4}-{6}	0*180	1*60	4.15114	3.098619	0.182883	-1.9839	10.28619
{4}-{7}	0*180	1*120	4.88389	3.098619	0.117623	-1.2512	11.01894
{4}-{8}	0*180	1*180	-0.02205	3.096084	0.994331	-6.1521	6.10799
{4}-{9}	0*180	2*30	3.10301	3.098619	0.318641	-3.0320	9.23806
{4}-{10}	0*180	2*60	-0.16951	3.098619	0.956465	-6.3046	5.96554
{4}-{11}	0*180	2*120	4.58143	3.098619	0.141883	-1.5536	10.71648
{4}-{12}	0*180	2*180	5.40277	3.096084	0.083539	-0.7273	11.53280
{4}-{13}	0*180	3*30	0.27600	3.098619	0.929173	-5.8590	6.41105
{4}-{14}	0*180	3*60	0.22167	3.098619	0.943089	-5.9134	6.35672
{4}-{15}	0*180	3*120	-0.39103	3.098619	0.899789	-6.5261	5.74402
{4}-{16}	0*180	3*180	0.53939	3.096084	0.861988	-5.5906	6.66942
{4}-{17}	0*180	4*30	2.06100	3.098619	0.507240	-4.0740	8.19605
{4}-{18}	0*180	4*60	0.49758	3.098619	0.872694	-5.6375	6.63262
{4}-{19}	0*180	4*120	-2.23330	3.098619	0.472470	-8.3684	3.90175
{4}-{20}	0*180	4*180	-1.23924	3.096084	0.689676	-7.3693	4.89079
{5}-{6}	1*30	1*60	0.45476	3.071865	0.882560	-5.6273	6.53684



{5}-{7}	1*30	1*120	1.18752	3.071865	0.699753	-4.8946	7.26959
{5}-{8}	1*30	1*180	-3.71842	3.071865	0.228474	-9.8005	2.36365
{5}-{9}	1*30	2*30	-0.59337	3.096084	0.848339	-6.7234	5.53666
{5}-{10}	1*30	2*60	-3.86589	3.098619	0.214601	-10.0009	2.26916
{5}-{11}	1*30	2*120	0.88505	3.098619	0.775655	-5.2500	7.02010
{5}-{12}	1*30	2*180	1.70639	3.098619	0.582868	-4.4287	7.84144
{5}-{13}	1*30	3*30	-3.42038	3.096084	0.271481	-9.5504	2.70965
{5}-{14}	1*30	3*60	-3.47471	3.098619	0.264367	-9.6098	2.66034
{5}-{15}	1*30	3*120	-4.08741	3.098619	0.189645	-10.2225	2.04764
{5}-{16}	1*30	3*180	-3.15698	3.098619	0.310330	-9.2920	2.97806
{5}-{17}	1*30	4*30	-1.63538	3.096084	0.598330	-7.7654	4.49465
{5}-{18}	1*30	4*60	-3.19880	3.098619	0.303993	-9.3339	2.93625
{5}-{19}	1*30	4*120	-5.92968	3.098619	0.058046	-12.0647	0.20537
{5}-{20}	1*30	4*180	-4.93562	3.098619	0.113826	-11.0707	1.19943
{6}-{7}	1*60	1*120	0.73276	3.071865	0.811870	-5.3493	6.81484
{6}-{8}	1*60	1*180	-4.17318	3.071865	0.176848	-10.2553	1.90890
{6}-{9}	1*60	2*30	-1.04813	3.098619	0.735761	-7.1832	5.08692
{6}-{10}	1*60	2*60	-4.32064	3.096084	0.165436	-10.4507	1.80939
{6}-{11}	1*60	2*120	0.43030	3.098619	0.889788	-5.7048	6.56534
{6}-{12}	1*60	2*180	1.25163	3.098619	0.686982	-4.8834	7.38668
{6}-{13}	1*60	3*30	-3.87514	3.098619	0.213513	-10.0102	2.25991
{6}-{14}	1*60	3*60	-3.92947	3.096084	0.206835	-10.0595	2.20056
{6}-{15}	1*60	3*120	-4.54217	3.098619	0.145300	-10.6772	1.59288
{6}-{16}	1*60	3*180	-3.61174	3.098619	0.246089	-9.7468	2.52331
{6}-{17}	1*60	4*30	-2.09014	3.098619	0.501267	-8.2252	4.04491
{6}-{18}	1*60	4*60	-3.65356	3.096084	0.240311	-9.7836	2.47647

{6}-{19}	1*60	4*120	-6.38444	3.098619	0.041521	-12.5195	-0.24939
{6}-{20}	1*60	4*180	-5.39038	3.098619	0.084492	-11.5254	0.74467
{7}-{8}	1*120	1*180	-4.90594	3.071865	0.112883	-10.9880	1.17614
{7}-{9}	1*120	2*30	-1.78089	3.098619	0.566546	-7.9159	4.35416
{7}-{10}	1*120	2*60	-5.05340	3.098619	0.105543	-11.1885	1.08165
{7}-{11}	1*120	2*120	-0.30246	3.096084	0.922340	-6.4325	5.82757
{7}-{12}	1*120	2*180	0.51887	3.098619	0.867296	-5.6162	6.65392
{7}-{13}	1*120	3*30	-4.60789	3.098619	0.139617	-10.7429	1.52716
{7}-{14}	1*120	3*60	-4.66223	3.098619	0.135051	-10.7973	1.47282
{7}-{15}	1*120	3*120	-5.27492	3.096084	0.091018	-11.4050	0.85511
{7}-{16}	1*120	3*180	-4.34450	3.098619	0.163474	-10.4795	1.79055
{7}-{17}	1*120	4*30	-2.82289	3.098619	0.364113	-8.9579	3.31216
{7}-{18}	1*120	4*60	-4.38632	3.098619	0.159491	-10.5214	1.74873
{7}-{19}	1*120	4*120	-7.11720	3.096084	0.023248	-13.2472	-0.98717
{7}-{20}	1*120	4*180	-6.12314	3.098619	0.050439	-12.2582	0.01191
{8}-{9}	1*180	2*30	3.12505	3.098619	0.315229	-3.0100	9.26010
{8}-{10}	1*180	2*60	-0.14746	3.098619	0.962122	-6.2825	5.98759
{8}-{11}	1*180	2*120	4.60348	3.098619	0.139993	-1.5316	10.73853
{8}-{12}	1*180	2*180	5.42481	3.096084	0.082302	-0.7052	11.55484
{8}-{13}	1*180	3*30	0.29805	3.098619	0.923533	-5.8370	6.43309
{8}-{14}	1*180	3*60	0.24371	3.098619	0.937441	-5.8913	6.37876
{8}-{15}	1*180	3*120	-0.36898	3.098619	0.905411	-6.5040	5.76606
{8}-{16}	1*180	3*180	0.56144	3.096084	0.856408	-5.5686	6.69147
{8}-{17}	1*180	4*30	2.08305	3.098619	0.502717	-4.0520	8.21809
{8}-{18}	1*180	4*60	0.51962	3.098619	0.867106	-5.6154	6.65467
{8}-{19}	1*180	4*120	-2.21126	3.098619	0.476844	-8.3463	3.92379

{8}-{20}	1*180	4*180	-1.21720	3.096084	0.694913	-7.3472	4.91283
{9}-{10}	2*30	2*60	-3.27252	3.071865	0.288871	-9.3546	2.80956
{9}-{11}	2*30	2*120	1.47842	3.071865	0.631195	-4.6037	7.56050
{9}-{12}	2*30	2*180	2.29976	3.071865	0.455532	-3.7823	8.38184
{9}-{13}	2*30	3*30	-2.82701	3.096084	0.363025	-8.9570	3.30302
{9}-{14}	2*30	3*60	-2.88134	3.098619	0.354300	-9.0164	3.25371
{9}-{15}	2*30	3*120	-3.49404	3.098619	0.261734	-9.6291	2.64101
{9}-{16}	2*30	3*180	-2.56361	3.098619	0.409686	-8.6987	3.57144
{9}-{17}	2*30	4*30	-1.04201	3.096084	0.737039	-7.1720	5.08802
{9}-{18}	2*30	4*60	-2.60543	3.098619	0.402112	-8.7405	3.52962
{9}-{19}	2*30	4*120	-5.33631	3.098619	0.087617	-11.4714	0.79874
{9}-{20}	2*30	4*180	-4.34225	3.098619	0.163690	-10.4773	1.79280
{10}-{11}	2*60	2*120	4.75094	3.071865	0.124594	-1.3311	10.83302
{10}-{12}	2*60	2*180	5.57227	3.071865	0.072181	-0.5098	11.65435
{10}-{13}	2*60	3*30	0.44551	3.098619	0.885918	-5.6895	6.58056
{10}-{14}	2*60	3*60	0.39117	3.096084	0.899670	-5.7389	6.52121
{10}-{15}	2*60	3*120	-0.22152	3.098619	0.943126	-6.3566	5.91353
{10}-{16}	2*60	3*180	0.70890	3.098619	0.819429	-5.4261	6.84395
{10}-{17}	2*60	4*30	2.23051	3.098619	0.473024	-3.9045	8.36556
{10}-{18}	2*60	4*60	0.66708	3.096084	0.829774	-5.4629	6.79711
{10}-{19}	2*60	4*120	-2.06380	3.098619	0.506666	-8.1988	4.07125
{10}-{20}	2*60	4*180	-1.06973	3.098619	0.730526	-7.2048	5.06531
{11}-{12}	2*120	2*180	0.82133	3.071865	0.789641	-5.2607	6.90341
{11}-{13}	2*120	3*30	-4.30543	3.098619	0.167263	-10.4405	1.82962
{11}-{14}	2*120	3*60	-4.35977	3.098619	0.162011	-10.4948	1.77528
{11}-{15}	2*120	3*120	-4.97246	3.096084	0.110892	-11.1025	1.15757

{11}-{16}	2*120	3*180	-4.04204	3.098619	0.194572	-10.1771	2.09301
{11}-{17}	2*120	4*30	-2.52043	3.098619	0.417597	-8.6555	3.61462
{11}-{18}	2*120	4*60	-4.08386	3.098619	0.190027	-10.2189	2.05119
{11}-{19}	2*120	4*120	-6.81473	3.096084	0.029644	-12.9448	-0.68470
{11}-{20}	2*120	4*180	-5.82067	3.098619	0.062743	-11.9557	0.31437
{12}-{13}	2*180	3*30	-5.12677	3.098619	0.100633	-11.2618	1.00828
{12}-{14}	2*180	3*60	-5.18110	3.098619	0.097117	-11.3161	0.95395
{12}-{15}	2*180	3*120	-5.79380	3.098619	0.063949	-11.9288	0.34125
{12}-{16}	2*180	3*180	-4.86337	3.096084	0.118859	-10.9934	1.26666
{12}-{17}	2*180	4*30	-3.34177	3.098619	0.282987	-9.4768	2.79328
{12}-{18}	2*180	4*60	-4.90519	3.098619	0.116048	-11.0402	1.22986
{12}-{19}	2*180	4*120	-7.63607	3.098619	0.015143	-13.7711	-1.50102
{12}-{20}	2*180	4*180	-6.64201	3.096084	0.033944	-12.7720	-0.51198
{13}-{14}	3*30	3*60	-0.05433	3.071865	0.985918	-6.1364	6.02775
{13}-{15}	3*30	3*120	-0.66703	3.071865	0.828467	-6.7491	5.41505
{13}-{16}	3*30	3*180	0.26339	3.071865	0.931813	-5.8187	6.34547
{13}-{17}	3*30	4*30	1.78500	3.096084	0.565334	-4.3450	7.91503
{13}-{18}	3*30	4*60	0.22158	3.098619	0.943113	-5.9135	6.35662
{13}-{19}	3*30	4*120	-2.50930	3.098619	0.419650	-8.6444	3.62575
{13}-{20}	3*30	4*180	-1.51524	3.098619	0.625730	-7.6503	4.61981
{14}-{15}	3*60	3*120	-0.61270	3.071865	0.842245	-6.6948	5.46938
{14}-{16}	3*60	3*180	0.31773	3.071865	0.917793	-5.7644	6.39981
{14}-{17}	3*60	4*30	1.83933	3.098619	0.553898	-4.2957	7.97438
{14}-{18}	3*60	4*60	0.27591	3.096084	0.929139	-5.8541	6.40594
{14}-{19}	3*60	4*120	-2.45497	3.098619	0.429762	-8.5900	3.68008
{14}-{20}	3*60	4*180	-1.46091	3.098619	0.638160	-7.5960	4.67414

{15}-{16}	3*120	3*180	0.93042	3.071865	0.762501	-5.1517	7.01250
{15}-{17}	3*120	4*30	2.45203	3.098619	0.430313	-3.6830	8.58708
{15}-{18}	3*120	4*60	0.88861	3.098619	0.774779	-5.2464	7.02366
{15}-{19}	3*120	4*120	-1.84227	3.096084	0.552942	-7.9723	4.28776
{15}-{20}	3*120	4*180	-0.84821	3.098619	0.784756	-6.9833	5.28684
{16}-{17}	3*180	4*30	1.52161	3.098619	0.624281	-4.6134	7.65666
{16}-{18}	3*180	4*60	-0.04182	3.098619	0.989255	-6.1769	6.09323
{16}-{19}	3*180	4*120	-2.77270	3.098619	0.372676	-8.9077	3.36235
{16}-{20}	3*180	4*180	-1.77864	3.096084	0.566719	-7.9087	4.35139
{17}-{18}	4*30	4*60	-1.56342	3.071865	0.611722	-7.6455	4.51865
{17}-{19}	4*30	4*120	-4.29430	3.071865	0.164708	-10.3764	1.78778
{17}-{20}	4*30	4*180	-3.30024	3.071865	0.284824	-9.3823	2.78184
{18}-{19}	4*60	4*120	-2.73088	3.071865	0.375783	-8.8130	3.35120
{18}-{20}	4*60	4*180	-1.73682	3.071865	0.572860	-7.8189	4.34526
{19}-{20}	4*120	4*180	0.99406	3.071865	0.746803	-5.0880	7.07614

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 19.961	{2} - 18.963	{3} - 19.925	{4} - 20.817	{5} - 18.576	{6} - 23.287	{7} - 24.285	{8} - 22.587	{9} - 22.581	{10} - 21.501	{11} - 25.545	{12} - 25.928	{13} - 19.674	{14} - 19.775	{15} - 23.065	{16} - 25.966	{17} - 23.044	{18} - 20.973	{19} - 23.299	{20} - 23.800
1	0	30		0.751582	0.990874	0.786043	0.657711	0.316056	0.193002	0.428308	0.402459	0.641870	0.093521	0.073352	0.926681	0.955233	0.349317	0.071579	0.324850	0.759857	0.314300	0.247466
2	0	60	0.751582		0.760272	0.556740	0.906942	0.168158	0.109741	0.274842	0.275515	0.417269	0.048559	0.037052	0.830019	0.794912	0.216735	0.036060	0.219046	0.520411	0.191795	0.145702
3	0	120	0.990874	0.760272		0.777265	0.683685	0.310859	0.164637	0.422009	0.422896	0.634100	0.074023	0.071654	0.939432	0.963914	0.316061	0.069916	0.346943	0.751581	0.281475	0.243078
4	0	180	0.786043	0.556740	0.777265		0.498772	0.456123	0.295844	0.571522	0.594256	0.836258	0.154914	0.103840	0.729803	0.753015	0.497529	0.101346	0.501486	0.962407	0.453917	0.340728

5	1	30	0.657711	0.906942	0.683685	0.498772		0.136943	0.072072	0.204878	0.201477	0.377596	0.036946	0.027894	0.725481	0.717173	0.176716	0.027119	0.154522	0.469427	0.155365	0.116388
6	1	60	0.316056	0.168158	0.310859	0.456123	0.136943		0.751509	0.824230	0.831252	0.568024	0.495461	0.425485	0.276207	0.262409	0.946523	0.418935	0.941550	0.459589	0.997073	0.876779
7	1	120	0.193002	0.109741	0.164637	0.295844	0.072072	0.751509		0.590218	0.606903	0.400999	0.686913	0.619840	0.165244	0.174696	0.696201	0.611850	0.707749	0.318007	0.752321	0.883448
8	1	180	0.428308	0.274842	0.422009	0.571522	0.204878	0.824230	0.590218		0.998771	0.743092	0.372179	0.286054	0.379624	0.396443	0.885110	0.280686	0.890045	0.626145	0.829593	0.697849
9	2	30	0.402459	0.275515	0.422896	0.594256	0.201477	0.831252	0.606903	0.998771		0.731984	0.348056	0.289569	0.352986	0.397298	0.883894	0.307602	0.882292	0.627235	0.828393	0.712819
10	2	60	0.641870	0.417269	0.634100	0.836258	0.377596	0.568024	0.400999	0.743092	0.731984		0.201148	0.161996	0.581070	0.580976	0.636844	0.179046	0.641304	0.865791	0.587306	0.487825
11	2	120	0.093521	0.048559	0.074023	0.154914	0.036946	0.495461	0.686913	0.372179	0.348056	0.201148		0.903330	0.078003	0.083232	0.427940	0.898893	0.450408	0.168875	0.472723	0.598232
12	2	180	0.073352	0.037052	0.071654	0.103840	0.027894	0.425485	0.619840	0.286054	0.289569	0.161996	0.903330		0.060696	0.064947	0.387738	0.990387	0.384330	0.136215	0.427611	0.496280
13	3	30	0.926681	0.830019	0.939432	0.729803	0.725481	0.276207	0.165244	0.379624	0.352986	0.581070	0.078003	0.060696		0.974253	0.283258	0.047764	0.281949	0.694703	0.274604	0.214006
14	3	60	0.955233	0.794912	0.963914	0.753015	0.717173	0.262409	0.174696	0.396443	0.397298	0.580976	0.083232	0.064947	0.974253		0.297885	0.051420	0.324371	0.701589	0.288234	0.225447
15	3	120	0.349317	0.216735	0.316061	0.497529	0.176716	0.946523	0.696201	0.885110	0.883894	0.636844	0.427940	0.387738	0.283258	0.297885		0.358332	0.995015	0.527794	0.940269	0.824226
16	3	180	0.071579	0.036060	0.069916	0.101346	0.027119	0.418935	0.611850	0.280686	0.307602	0.179046	0.898893	0.990387	0.047764	0.051420	0.358332		0.378174	0.133290	0.421041	0.488707
17	4	30	0.324850	0.219046	0.346943	0.501486	0.154522	0.941550	0.707749	0.890045	0.882292	0.641304	0.450408	0.384330	0.281949	0.324371	0.995015	0.378174		0.511648	0.935576	0.810526
18	4	60	0.759857	0.520411	0.751581	0.962407	0.469427	0.459589	0.318007	0.626145	0.627235	0.865791	0.168875	0.136215	0.694703	0.701589	0.527794	0.133290	0.511648		0.461207	0.370712
19	4	120	0.314300	0.191795	0.281475	0.453917	0.155365	0.997073	0.752321	0.829593	0.828393	0.587306	0.472723	0.427611	0.274604	0.288234	0.940269	0.421041	0.935576	0.461207		0.873719
20	4	180	0.247466	0.145702	0.243078	0.340728	0.116388	0.876779	0.883448	0.697849	0.712819	0.487825	0.598232	0.496280	0.214006	0.225447	0.824226	0.488707	0.810526	0.370712	0.873719	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	0.99824	3.146244	0.751582	-5.2311	7.22759
{1}-{3}	0*30	0*120	0.03606	3.146244	0.990874	-6.1933	6.26540

{1}-{4}	0*30	0*180	-0.85597	3.146244	0.786043	-7.0853	5.37337
{1}-{5}	0*30	1*30	1.38519	3.118520	0.657711	-4.7893	7.55964
{1}-{6}	0*30	1*60	-3.32566	3.303192	0.316056	-9.8658	3.21443
{1}-{7}	0*30	1*120	-4.32420	3.303192	0.193002	-10.8643	2.21589
{1}-{8}	0*30	1*180	-2.62533	3.303192	0.428308	-9.1654	3.91477
{1}-{9}	0*30	2*30	-2.62023	3.118520	0.402459	-8.7947	3.55423
{1}-{10}	0*30	2*60	-1.54017	3.303192	0.641870	-8.0803	4.99992
{1}-{11}	0*30	2*120	-5.58417	3.303192	0.093521	-12.1243	0.95592
{1}-{12}	0*30	2*180	-5.96711	3.303192	0.073352	-12.5072	0.57299
{1}-{13}	0*30	3*30	0.28758	3.118520	0.926681	-5.8869	6.46203
{1}-{14}	0*30	3*60	0.18582	3.303192	0.955233	-6.3543	6.72591
{1}-{15}	0*30	3*120	-3.10364	3.303192	0.349317	-9.6437	3.43645
{1}-{16}	0*30	3*180	-6.00476	3.303192	0.071579	-12.5448	0.53533
{1}-{17}	0*30	4*30	-3.08295	3.118520	0.324850	-9.2574	3.09150
{1}-{18}	0*30	4*60	-1.01198	3.303192	0.759857	-7.5521	5.52811
{1}-{19}	0*30	4*120	-3.33780	3.303192	0.314300	-9.8779	3.20229
{1}-{20}	0*30	4*180	-3.83892	3.303192	0.247466	-10.3790	2.70117
{2}-{3}	0*60	0*120	-0.96218	3.146244	0.760272	-7.1915	5.26716
{2}-{4}	0*60	0*180	-1.85421	3.146244	0.556740	-8.0836	4.37513
{2}-{5}	0*60	1*30	0.38695	3.303192	0.906942	-6.1531	6.92704
{2}-{6}	0*60	1*60	-4.32390	3.118520	0.168158	-10.4984	1.85055
{2}-{7}	0*60	1*120	-5.32245	3.303192	0.109741	-11.8625	1.21764
{2}-{8}	0*60	1*180	-3.62357	3.303192	0.274842	-10.1637	2.91652
{2}-{9}	0*60	2*30	-3.61847	3.303192	0.275515	-10.1586	2.92162
{2}-{10}	0*60	2*60	-2.53841	3.118520	0.417269	-8.7129	3.63604
{2}-{11}	0*60	2*120	-6.58241	3.303192	0.048559	-13.1225	-0.04232

{2}-{12}	0*60	2*180	-6.96535	3.303192	0.037052	-13.5054	-0.42526
{2}-{13}	0*60	3*30	-0.71067	3.303192	0.830019	-7.2508	5.82942
{2}-{14}	0*60	3*60	-0.81242	3.118520	0.794912	-6.9869	5.36203
{2}-{15}	0*60	3*120	-4.10188	3.303192	0.216735	-10.6420	2.43821
{2}-{16}	0*60	3*180	-7.00300	3.303192	0.036060	-13.5431	-0.46291
{2}-{17}	0*60	4*30	-4.08120	3.303192	0.219046	-10.6213	2.45889
{2}-{18}	0*60	4*60	-2.01023	3.118520	0.520411	-8.1847	4.16423
{2}-{19}	0*60	4*120	-4.33605	3.303192	0.191795	-10.8761	2.20405
{2}-{20}	0*60	4*180	-4.83717	3.303192	0.145702	-11.3773	1.70292
{3}-{4}	0*120	0*180	-0.89203	3.146244	0.777265	-7.1214	5.33731
{3}-{5}	0*120	1*30	1.34913	3.303192	0.683685	-5.1910	7.88922
{3}-{6}	0*120	1*60	-3.36172	3.303192	0.310859	-9.9018	3.17837
{3}-{7}	0*120	1*120	-4.36027	3.118520	0.164637	-10.5347	1.81419
{3}-{8}	0*120	1*180	-2.66139	3.303192	0.422009	-9.2015	3.87870
{3}-{9}	0*120	2*30	-2.65629	3.303192	0.422896	-9.1964	3.88380
{3}-{10}	0*120	2*60	-1.57623	3.303192	0.634100	-8.1163	4.96386
{3}-{11}	0*120	2*120	-5.62023	3.118520	0.074023	-11.7947	0.55423
{3}-{12}	0*120	2*180	-6.00317	3.303192	0.071654	-12.5433	0.53692
{3}-{13}	0*120	3*30	0.25152	3.303192	0.939432	-6.2886	6.79161
{3}-{14}	0*120	3*60	0.14976	3.303192	0.963914	-6.3903	6.68985
{3}-{15}	0*120	3*120	-3.13970	3.118520	0.316061	-9.3141	3.03476
{3}-{16}	0*120	3*180	-6.04082	3.303192	0.069916	-12.5809	0.49927
{3}-{17}	0*120	4*30	-3.11902	3.303192	0.346943	-9.6591	3.42108
{3}-{18}	0*120	4*60	-1.04805	3.303192	0.751581	-7.5881	5.49205
{3}-{19}	0*120	4*120	-3.37386	3.118520	0.281475	-9.5483	2.80059
{3}-{20}	0*120	4*180	-3.87498	3.303192	0.243078	-10.4151	2.66511



{4}-{5}	0*180	1*30	2.24116	3.303192	0.498772	-4.2989	8.78125
{4}-{6}	0*180	1*60	-2.46969	3.303192	0.456123	-9.0098	4.07040
{4}-{7}	0*180	1*120	-3.46823	3.303192	0.295844	-10.0083	3.07186
{4}-{8}	0*180	1*180	-1.76936	3.118520	0.571522	-7.9438	4.40510
{4}-{9}	0*180	2*30	-1.76426	3.303192	0.594256	-8.3043	4.77583
{4}-{10}	0*180	2*60	-0.68420	3.303192	0.836258	-7.2243	5.85589
{4}-{11}	0*180	2*120	-4.72820	3.303192	0.154914	-11.2683	1.81189
{4}-{12}	0*180	2*180	-5.11114	3.118520	0.103840	-11.2856	1.06332
{4}-{13}	0*180	3*30	1.14355	3.303192	0.729803	-5.3965	7.68364
{4}-{14}	0*180	3*60	1.04179	3.303192	0.753015	-5.4983	7.58188
{4}-{15}	0*180	3*120	-2.24767	3.303192	0.497529	-8.7878	4.29242
{4}-{16}	0*180	3*180	-5.14879	3.118520	0.101346	-11.3232	1.02566
{4}-{17}	0*180	4*30	-2.22698	3.303192	0.501486	-8.7671	4.31311
{4}-{18}	0*180	4*60	-0.15602	3.303192	0.962407	-6.6961	6.38408
{4}-{19}	0*180	4*120	-2.48183	3.303192	0.453917	-9.0219	4.05826
{4}-{20}	0*180	4*180	-2.98295	3.118520	0.340728	-9.1574	3.19150
{5}-{6}	1*30	1*60	-4.71085	3.146244	0.136943	-10.9402	1.51849
{5}-{7}	1*30	1*120	-5.70939	3.146244	0.072072	-11.9387	0.51995
{5}-{8}	1*30	1*180	-4.01052	3.146244	0.204878	-10.2399	2.21883
{5}-{9}	1*30	2*30	-4.00542	3.118520	0.201477	-10.1799	2.16904
{5}-{10}	1*30	2*60	-2.92536	3.303192	0.377596	-9.4654	3.61474
{5}-{11}	1*30	2*120	-6.96936	3.303192	0.036946	-13.5094	-0.42926
{5}-{12}	1*30	2*180	-7.35230	3.303192	0.027894	-13.8924	-0.81220
{5}-{13}	1*30	3*30	-1.09761	3.118520	0.725481	-7.2721	5.07684
{5}-{14}	1*30	3*60	-1.19937	3.303192	0.717173	-7.7395	5.34072
{5}-{15}	1*30	3*120	-4.48883	3.303192	0.176716	-11.0289	2.05127

{5}-{16}	1*30	3*180	-7.38995	3.303192	0.027119	-13.9300	-0.84986
{5}-{17}	1*30	4*30	-4.46814	3.118520	0.154522	-10.6426	1.70631
{5}-{18}	1*30	4*60	-2.39717	3.303192	0.469427	-8.9373	4.14292
{5}-{19}	1*30	4*120	-4.72299	3.303192	0.155365	-11.2631	1.81710
{5}-{20}	1*30	4*180	-5.22411	3.303192	0.116388	-11.7642	1.31598
{6}-{7}	1*60	1*120	-0.99855	3.146244	0.751509	-7.2279	5.23080
{6}-{8}	1*60	1*180	0.70033	3.146244	0.824230	-5.5290	6.92968
{6}-{9}	1*60	2*30	0.70543	3.303192	0.831252	-5.8347	7.24552
{6}-{10}	1*60	2*60	1.78549	3.118520	0.568024	-4.3890	7.95994
{6}-{11}	1*60	2*120	-2.25851	3.303192	0.495461	-8.7986	4.28158
{6}-{12}	1*60	2*180	-2.64145	3.303192	0.425485	-9.1815	3.89864
{6}-{13}	1*60	3*30	3.61323	3.303192	0.276207	-2.9269	10.15333
{6}-{14}	1*60	3*60	3.51148	3.118520	0.262409	-2.6630	9.68593
{6}-{15}	1*60	3*120	0.22202	3.303192	0.946523	-6.3181	6.76211
{6}-{16}	1*60	3*180	-2.67910	3.303192	0.418935	-9.2192	3.86099
{6}-{17}	1*60	4*30	0.24270	3.303192	0.941550	-6.2974	6.78280
{6}-{18}	1*60	4*60	2.31367	3.118520	0.459589	-3.8608	8.48813
{6}-{19}	1*60	4*120	-0.01214	3.303192	0.997073	-6.5522	6.52795
{6}-{20}	1*60	4*180	-0.51327	3.303192	0.876779	-7.0534	6.02683
{7}-{8}	1*120	1*180	1.69888	3.146244	0.590218	-4.5305	7.92822
{7}-{9}	1*120	2*30	1.70398	3.303192	0.606903	-4.8361	8.24407
{7}-{10}	1*120	2*60	2.78404	3.303192	0.400999	-3.7561	9.32413
{7}-{11}	1*120	2*120	-1.25996	3.118520	0.686913	-7.4344	4.91449
{7}-{12}	1*120	2*180	-1.64290	3.303192	0.619840	-8.1830	4.89719
{7}-{13}	1*120	3*30	4.61178	3.303192	0.165244	-1.9283	11.15187
{7}-{14}	1*120	3*60	4.51002	3.303192	0.174696	-2.0301	11.05011

{7}-{15}	1*120	3*120	1.22057	3.118520	0.696201	-4.9539	7.39502
{7}-{16}	1*120	3*180	-1.68055	3.303192	0.611850	-8.2206	4.85954
{7}-{17}	1*120	4*30	1.24125	3.303192	0.707749	-5.2988	7.78134
{7}-{18}	1*120	4*60	3.31222	3.303192	0.318007	-3.2279	9.85231
{7}-{19}	1*120	4*120	0.98640	3.118520	0.752321	-5.1881	7.16085
{7}-{20}	1*120	4*180	0.48528	3.303192	0.883448	-6.0548	7.02537
{8}-{9}	1*180	2*30	0.00510	3.303192	0.998771	-6.5350	6.54519
{8}-{10}	1*180	2*60	1.08516	3.303192	0.743092	-5.4549	7.62525
{8}-{11}	1*180	2*120	-2.95884	3.303192	0.372179	-9.4989	3.58125
{8}-{12}	1*180	2*180	-3.34178	3.118520	0.286054	-9.5162	2.83267
{8}-{13}	1*180	3*30	2.91290	3.303192	0.379624	-3.6272	9.45299
{8}-{14}	1*180	3*60	2.81114	3.303192	0.396443	-3.7289	9.35124
{8}-{15}	1*180	3*120	-0.47831	3.303192	0.885110	-7.0184	6.06178
{8}-{16}	1*180	3*180	-3.37943	3.118520	0.280686	-9.5539	2.79502
{8}-{17}	1*180	4*30	-0.45763	3.303192	0.890045	-6.9977	6.08246
{8}-{18}	1*180	4*60	1.61334	3.303192	0.626145	-4.9268	8.15343
{8}-{19}	1*180	4*120	-0.71248	3.303192	0.829593	-7.2526	5.82761
{8}-{20}	1*180	4*180	-1.21360	3.118520	0.697849	-7.3881	4.96085
{9}-{10}	2*30	2*60	1.08006	3.146244	0.731984	-5.1493	7.30940
{9}-{11}	2*30	2*120	-2.96394	3.146244	0.348056	-9.1933	3.26540
{9}-{12}	2*30	2*180	-3.34688	3.146244	0.289569	-9.5762	2.88246
{9}-{13}	2*30	3*30	2.90780	3.118520	0.352986	-3.2666	9.08226
{9}-{14}	2*30	3*60	2.80605	3.303192	0.397298	-3.7340	9.34614
{9}-{15}	2*30	3*120	-0.48341	3.303192	0.883894	-7.0235	6.05668
{9}-{16}	2*30	3*180	-3.38453	3.303192	0.307602	-9.9246	3.15556
{9}-{17}	2*30	4*30	-0.46273	3.118520	0.882292	-6.6372	5.71173

{9}-{18}	2*30	4*60	1.60824	3.303192	0.627235	-4.9318	8.14833
{9}-{19}	2*30	4*120	-0.71758	3.303192	0.828393	-7.2577	5.82252
{9}-{20}	2*30	4*180	-1.21870	3.303192	0.712819	-7.7588	5.32139
{10}-{11}	2*60	2*120	-4.04400	3.146244	0.201148	-10.2733	2.18534
{10}-{12}	2*60	2*180	-4.42694	3.146244	0.161996	-10.6563	1.80240
{10}-{13}	2*60	3*30	1.82774	3.303192	0.581070	-4.7123	8.36783
{10}-{14}	2*60	3*60	1.72598	3.118520	0.580976	-4.4485	7.90044
{10}-{15}	2*60	3*120	-1.56347	3.303192	0.636844	-8.1036	4.97662
{10}-{16}	2*60	3*180	-4.46459	3.303192	0.179046	-11.0047	2.07550
{10}-{17}	2*60	4*30	-1.54279	3.303192	0.641304	-8.0829	4.99730
{10}-{18}	2*60	4*60	0.52818	3.118520	0.865791	-5.6463	6.70263
{10}-{19}	2*60	4*120	-1.79764	3.303192	0.587306	-8.3377	4.74245
{10}-{20}	2*60	4*180	-2.29876	3.303192	0.487825	-8.8388	4.24133
{11}-{12}	2*120	2*180	-0.38294	3.146244	0.903330	-6.6123	5.84640
{11}-{13}	2*120	3*30	5.87174	3.303192	0.078003	-0.6683	12.41183
{11}-{14}	2*120	3*60	5.76998	3.303192	0.083232	-0.7701	12.31008
{11}-{15}	2*120	3*120	2.48053	3.118520	0.427940	-3.6939	8.65498
{11}-{16}	2*120	3*180	-0.42059	3.303192	0.898893	-6.9607	6.11950
{11}-{17}	2*120	4*30	2.50121	3.303192	0.450408	-4.0389	9.04130
{11}-{18}	2*120	4*60	4.57218	3.303192	0.168875	-1.9679	11.11227
{11}-{19}	2*120	4*120	2.24636	3.118520	0.472723	-3.9281	8.42082
{11}-{20}	2*120	4*180	1.74524	3.303192	0.598232	-4.7948	8.28533
{12}-{13}	2*180	3*30	6.25468	3.303192	0.060696	-0.2854	12.79477
{12}-{14}	2*180	3*60	6.15292	3.303192	0.064947	-0.3872	12.69302
{12}-{15}	2*180	3*120	2.86347	3.303192	0.387738	-3.6766	9.40356
{12}-{16}	2*180	3*180	-0.03765	3.118520	0.990387	-6.2121	6.13680

{12}-{17}	2*180	4*30	2.88415	3.303192	0.384330	-3.6559	9.42424
{12}-{18}	2*180	4*60	4.95512	3.303192	0.136215	-1.5850	11.49521
{12}-{19}	2*180	4*120	2.62930	3.303192	0.427611	-3.9108	9.16939
{12}-{20}	2*180	4*180	2.12818	3.118520	0.496280	-4.0463	8.30263
{13}-{14}	3*30	3*60	-0.10176	3.146244	0.974253	-6.3311	6.12759
{13}-{15}	3*30	3*120	-3.39121	3.146244	0.283258	-9.6206	2.83813
{13}-{16}	3*30	3*180	-6.29233	3.146244	0.047764	-12.5217	-0.06299
{13}-{17}	3*30	4*30	-3.37053	3.118520	0.281949	-9.5450	2.80392
{13}-{18}	3*30	4*60	-1.29956	3.303192	0.694703	-7.8397	5.24053
{13}-{19}	3*30	4*120	-3.62538	3.303192	0.274604	-10.1655	2.91471
{13}-{20}	3*30	4*180	-4.12650	3.303192	0.214006	-10.6666	2.41359
{14}-{15}	3*60	3*120	-3.28945	3.146244	0.297885	-9.5188	2.93989
{14}-{16}	3*60	3*180	-6.19058	3.146244	0.051420	-12.4199	0.03877
{14}-{17}	3*60	4*30	-3.26877	3.303192	0.324371	-9.8089	3.27132
{14}-{18}	3*60	4*60	-1.19780	3.118520	0.701589	-7.3723	4.97665
{14}-{19}	3*60	4*120	-3.52362	3.303192	0.288234	-10.0637	3.01647
{14}-{20}	3*60	4*180	-4.02474	3.303192	0.225447	-10.5648	2.51535
{15}-{16}	3*120	3*180	-2.90112	3.146244	0.358332	-9.1305	3.32822
{15}-{17}	3*120	4*30	0.02068	3.303192	0.995015	-6.5194	6.56077
{15}-{18}	3*120	4*60	2.09165	3.303192	0.527794	-4.4484	8.63174
{15}-{19}	3*120	4*120	-0.23417	3.118520	0.940269	-6.4086	5.94029
{15}-{20}	3*120	4*180	-0.73529	3.303192	0.824226	-7.2754	5.80480
{16}-{17}	3*180	4*30	2.92180	3.303192	0.378174	-3.6183	9.46189
{16}-{18}	3*180	4*60	4.99277	3.303192	0.133290	-1.5473	11.53286
{16}-{19}	3*180	4*120	2.66695	3.303192	0.421041	-3.8731	9.20705
{16}-{20}	3*180	4*180	2.16583	3.118520	0.488707	-4.0086	8.34029

{17}-{18}	4*30	4*60	2.07097	3.146244	0.511648	-4.1584	8.30031
{17}-{19}	4*30	4*120	-0.25485	3.146244	0.935576	-6.4842	5.97449
{17}-{20}	4*30	4*180	-0.75597	3.146244	0.810526	-6.9853	5.47337
{18}-{19}	4*60	4*120	-2.32582	3.146244	0.461207	-8.5552	3.90353
{18}-{20}	4*60	4*180	-2.82694	3.146244	0.370712	-9.0563	3.40240
{19}-{20}	4*120	4*180	-0.50112	3.146244	0.873719	-6.7305	5.72822

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 462.31	{2} - 451.29	{3} - 444.16	{4} - 435.12	{5} - 447.53	{6} - 446.47	{7} - 449.10	{8} - 454.15	{9} - 450.22	{10} - 409.44	{11} - 452.71	{12} - 441.29	{13} - 417.20	{14} - 424.21	{15} - 420.82	{16} - 460.75	{17} - 474.65	{18} - 439.15	{19} - 415.13	{20} - 450.52
1	0	30		0.739117	0.583547	0.411776	0.661150	0.639791	0.696351	0.809535	0.719730	0.120141	0.776655	0.534891	0.182426	0.261528	0.221748	0.963181	0.714479	0.494281	0.164999	0.727507
2	0	60	0.739117		0.829429	0.625136	0.911575	0.886148	0.948367	0.932611	0.974629	0.215844	0.966588	0.767699	0.314912	0.422317	0.368876	0.779931	0.490601	0.718868	0.286462	0.981718
3	0	120	0.583547	0.829429		0.784599	0.920696	0.945765	0.883558	0.767900	0.858095	0.306030	0.799861	0.932401	0.426366	0.555798	0.489137	0.624260	0.368583	0.882385	0.389733	0.851123
4	0	180	0.411776	0.625136	0.784599		0.713852	0.737490	0.679651	0.572490	0.655700	0.448635	0.603453	0.854675	0.596848	0.747285	0.672954	0.447520	0.244191	0.905058	0.555072	0.647932
5	1	30	0.661150	0.911575	0.920696	0.713852		0.974267	0.962226	0.841405	0.936568	0.261680	0.878449	0.853722	0.369039	0.491202	0.430685	0.696252	0.421763	0.804536	0.339289	0.929766
6	1	60	0.639791	0.886148	0.945765	0.737490	0.974267		0.936541	0.816270	0.911789	0.273216	0.853650	0.878521	0.388050	0.509445	0.449286	0.673109	0.405734	0.828315	0.355376	0.904745
7	1	120	0.696351	0.948367	0.883558	0.679651	0.962226	0.936541		0.878599	0.973710	0.242667	0.914717	0.817582	0.346914	0.462614	0.402249	0.730751	0.450909	0.768944	0.314527	0.966624
8	1	180	0.809535	0.932611	0.767900	0.572490	0.841405	0.816270	0.878599		0.907366	0.188097	0.965962	0.702849	0.276176	0.377098	0.325768	0.844850	0.545170	0.657804	0.250214	0.914055
9	2	30	0.719730	0.974629	0.858095	0.655700	0.936568	0.911789	0.973710	0.907366		0.219279	0.939909	0.787425	0.328360	0.442851	0.385979	0.755653	0.469022	0.743901	0.300981	0.992909
10	2	60	0.120141	0.215844	0.306030	0.448635	0.261680	0.273216	0.242667	0.188097	0.219279		0.192548	0.336663	0.818613	0.661412	0.736668	0.131377	0.055904	0.378788	0.866595	0.226347
11	2	120	0.776655	0.966588	0.799861	0.603453	0.878449	0.853650	0.914717	0.965962	0.939909	0.192548		0.730098	0.295293	0.400471	0.345081	0.812240	0.517255	0.688920	0.266090	0.948331
12	2	180	0.534891	0.767699	0.932401	0.854675	0.853722	0.878521	0.817582	0.702849	0.787425	0.336663	0.730098		0.477145	0.613960	0.545711	0.564007	0.325368	0.949665	0.440085	0.784374
13	3	30	0.182426	0.314912	0.426366	0.596848	0.369039	0.388050	0.346914	0.276176	0.328360	0.818613	0.295293	0.477145		0.832346	0.912845	0.189726	0.090260	0.517013	0.951073	0.326004

14	3	60	0.261528	0.422317	0.555798	0.747285	0.491202	0.509445	0.462614	0.377098	0.442851	0.661412	0.400471	0.613960	0.832346		0.918551	0.270634	0.137988	0.657594	0.788487	0.437606
15	3	120	0.221748	0.368876	0.489137	0.672954	0.430685	0.449286	0.402249	0.325768	0.385979	0.736668	0.345081	0.545711	0.912845	0.918551		0.228970	0.113689	0.588369	0.865759	0.381150
16	3	180	0.963181	0.779931	0.624260	0.447520	0.696252	0.673109	0.730751	0.844850	0.755653	0.131377	0.812240	0.564007	0.189726	0.270634	0.228970		0.681483	0.523813	0.179327	0.761450
17	4	30	0.714479	0.490601	0.368583	0.244191	0.421763	0.405734	0.450909	0.545170	0.469022	0.055904	0.517255	0.325368	0.090260	0.137988	0.113689	0.681483		0.284556	0.073951	0.466288
18	4	60	0.494281	0.718868	0.882385	0.905058	0.804536	0.828315	0.768944	0.657804	0.743901	0.378788	0.688920	0.949665	0.517013	0.657594	0.588369	0.523813	0.284556		0.468205	0.731386
19	4	120	0.164999	0.286462	0.389733	0.555072	0.339289	0.355376	0.314527	0.250214	0.300981	0.866595	0.266090	0.440085	0.951073	0.788487	0.865759	0.179327	0.073951	0.468205		0.285961
20	4	180	0.727507	0.981718	0.851123	0.647932	0.929766	0.904745	0.966624	0.914055	0.992909	0.226347	0.948331	0.784374	0.326004	0.437606	0.381150	0.761450	0.466288	0.731386	0.285961	

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	11.0219	33.01996	0.739117	-54.355	76.3991
{1}-{3}	0*30	0*120	18.1511	33.01996	0.583547	-47.226	83.5283
{1}-{4}	0*30	0*180	27.1967	33.01996	0.411776	-38.181	92.5739
{1}-{5}	0*30	1*30	14.7811	33.63796	0.661150	-51.820	81.3819
{1}-{6}	0*30	1*60	15.8484	33.77889	0.639791	-51.031	82.7283
{1}-{7}	0*30	1*120	13.2139	33.77889	0.696351	-53.666	80.0938
{1}-{8}	0*30	1*180	8.1595	33.77889	0.809535	-58.720	75.0394
{1}-{9}	0*30	2*30	12.0984	33.63796	0.719730	-54.502	78.6992
{1}-{10}	0*30	2*60	52.8749	33.77889	0.120141	-14.005	119.7547
{1}-{11}	0*30	2*120	9.6040	33.77889	0.776655	-57.276	76.4839
{1}-{12}	0*30	2*180	21.0223	33.77889	0.534891	-45.858	87.9022

{1}-{13}	0*30	3*30	45.1114	33.63796	0.182426	-21.489	111.7122
{1}-{14}	0*30	3*60	38.1060	33.77889	0.261528	-28.774	104.9859
{1}-{15}	0*30	3*120	41.4897	33.77889	0.221748	-25.390	108.3696
{1}-{16}	0*30	3*180	1.5626	33.77889	0.963181	-65.317	68.4424
{1}-{17}	0*30	4*30	-12.3355	33.63796	0.714479	-78.936	54.2654
{1}-{18}	0*30	4*60	23.1592	33.77889	0.494281	-43.721	90.0390
{1}-{19}	0*30	4*120	47.1883	33.77889	0.164999	-19.692	114.0682
{1}-{20}	0*30	4*180	11.7976	33.77889	0.727507	-55.082	78.6774
{2}-{3}	0*60	0*120	7.1292	33.01996	0.829429	-58.248	72.5064
{2}-{4}	0*60	0*180	16.1748	33.01996	0.625136	-49.202	81.5520
{2}-{5}	0*60	1*30	3.7592	33.77889	0.911575	-63.121	70.6390
{2}-{6}	0*60	1*60	4.8265	33.63796	0.886148	-61.774	71.4273
{2}-{7}	0*60	1*120	2.1920	33.77889	0.948367	-64.688	69.0719
{2}-{8}	0*60	1*180	-2.8624	33.77889	0.932611	-69.742	64.0175
{2}-{9}	0*60	2*30	1.0765	33.77889	0.974629	-65.803	67.9564
{2}-{10}	0*60	2*60	41.8530	33.63796	0.215844	-24.748	108.4538
{2}-{11}	0*60	2*120	-1.4179	33.77889	0.966588	-68.298	65.4620
{2}-{12}	0*60	2*180	10.0004	33.77889	0.767699	-56.879	76.8803
{2}-{13}	0*60	3*30	34.0895	33.77889	0.314912	-32.790	100.9693
{2}-{14}	0*60	3*60	27.0841	33.63796	0.422317	-39.517	93.6849
{2}-{15}	0*60	3*120	30.4678	33.77889	0.368876	-36.412	97.3476
{2}-{16}	0*60	3*180	-9.4593	33.77889	0.779931	-76.339	57.4205
{2}-{17}	0*60	4*30	-23.3574	33.77889	0.490601	-90.237	43.5225
{2}-{18}	0*60	4*60	12.1373	33.63796	0.718868	-54.464	78.7381
{2}-{19}	0*60	4*120	36.1664	33.77889	0.286462	-30.713	103.0463
{2}-{20}	0*60	4*180	0.7757	33.77889	0.981718	-66.104	67.6555



{3}-{4}	0*120	0*180	9.0456	33.01996	0.784599	-56.332	74.4228
{3}-{5}	0*120	1*30	-3.3700	33.77889	0.920696	-70.250	63.5099
{3}-{6}	0*120	1*60	-2.3026	33.77889	0.945765	-69.182	64.5772
{3}-{7}	0*120	1*120	-4.9371	33.63796	0.883558	-71.538	61.6637
{3}-{8}	0*120	1*180	-9.9915	33.77889	0.767900	-76.871	56.8883
{3}-{9}	0*120	2*30	-6.0527	33.77889	0.858095	-72.933	60.8272
{3}-{10}	0*120	2*60	34.7238	33.77889	0.306030	-32.156	101.6037
{3}-{11}	0*120	2*120	-8.5470	33.63796	0.799861	-75.148	58.0538
{3}-{12}	0*120	2*180	2.8713	33.77889	0.932401	-64.009	69.7511
{3}-{13}	0*120	3*30	26.9603	33.77889	0.426366	-39.920	93.8402
{3}-{14}	0*120	3*60	19.9549	33.77889	0.555798	-46.925	86.8348
{3}-{15}	0*120	3*120	23.3386	33.63796	0.489137	-43.262	89.9395
{3}-{16}	0*120	3*180	-16.5885	33.77889	0.624260	-83.468	50.2914
{3}-{17}	0*120	4*30	-30.4865	33.77889	0.368583	-97.366	36.3933
{3}-{18}	0*120	4*60	5.0081	33.77889	0.882385	-61.872	71.8880
{3}-{19}	0*120	4*120	29.0373	33.63796	0.389733	-37.564	95.6381
{3}-{20}	0*120	4*180	-6.3535	33.77889	0.851123	-73.233	60.5264
{4}-{5}	0*180	1*30	-12.4156	33.77889	0.713852	-79.295	54.4642
{4}-{6}	0*180	1*60	-11.3482	33.77889	0.737490	-78.228	55.5316
{4}-{7}	0*180	1*120	-13.9827	33.77889	0.679651	-80.863	52.8971
{4}-{8}	0*180	1*180	-19.0371	33.63796	0.572490	-85.638	47.5637
{4}-{9}	0*180	2*30	-15.0983	33.77889	0.655700	-81.978	51.7816
{4}-{10}	0*180	2*60	25.6782	33.77889	0.448635	-41.202	92.5581
{4}-{11}	0*180	2*120	-17.5927	33.77889	0.603453	-84.473	49.2872
{4}-{12}	0*180	2*180	-6.1743	33.63796	0.854675	-72.775	60.4265
{4}-{13}	0*180	3*30	17.9147	33.77889	0.596848	-48.965	84.7946

{4}-{14}	0*180	3*60	10.9093	33.77889	0.747285	-55.971	77.7892
{4}-{15}	0*180	3*120	14.2930	33.77889	0.672954	-52.587	81.1729
{4}-{16}	0*180	3*180	-25.6341	33.63796	0.447520	-92.235	40.9667
{4}-{17}	0*180	4*30	-39.5321	33.77889	0.244191	-106.412	27.3477
{4}-{18}	0*180	4*60	-4.0375	33.77889	0.905058	-70.917	62.8424
{4}-{19}	0*180	4*120	19.9917	33.77889	0.555072	-46.888	86.8715
{4}-{20}	0*180	4*180	-15.3991	33.63796	0.647932	-82.000	51.2017
{5}-{6}	1*30	1*60	1.0674	33.01996	0.974267	-64.310	66.4446
{5}-{7}	1*30	1*120	-1.5671	33.01996	0.962226	-66.944	63.8101
{5}-{8}	1*30	1*180	-6.6215	33.01996	0.841405	-71.999	58.7557
{5}-{9}	1*30	2*30	-2.6827	33.63796	0.936568	-69.283	63.9182
{5}-{10}	1*30	2*60	38.0938	33.77889	0.261680	-28.786	104.9737
{5}-{11}	1*30	2*120	-5.1770	33.77889	0.878449	-72.057	61.7028
{5}-{12}	1*30	2*180	6.2413	33.77889	0.853722	-60.639	73.1211
{5}-{13}	1*30	3*30	30.3303	33.63796	0.369039	-36.271	96.9311
{5}-{14}	1*30	3*60	23.3249	33.77889	0.491202	-43.555	90.2048
{5}-{15}	1*30	3*120	26.7086	33.77889	0.430685	-40.171	93.5885
{5}-{16}	1*30	3*180	-13.2185	33.77889	0.696252	-80.098	53.6614
{5}-{17}	1*30	4*30	-27.1165	33.63796	0.421763	-93.717	39.4843
{5}-{18}	1*30	4*60	8.3781	33.77889	0.804536	-58.502	75.2580
{5}-{19}	1*30	4*120	32.4073	33.77889	0.339289	-34.473	99.2871
{5}-{20}	1*30	4*180	-2.9835	33.77889	0.929766	-69.863	63.8964
{6}-{7}	1*60	1*120	-2.6345	33.01996	0.936541	-68.012	62.7427
{6}-{8}	1*60	1*180	-7.6889	33.01996	0.816270	-73.066	57.6883
{6}-{9}	1*60	2*30	-3.7500	33.77889	0.911789	-70.630	63.1298
{6}-{10}	1*60	2*60	37.0264	33.63796	0.273216	-29.574	103.6273

{6}-{11}	1*60	2*120	-6.2444	33.77889	0.853650	-73.124	60.6354
{6}-{12}	1*60	2*180	5.1739	33.77889	0.878521	-61.706	72.0538
{6}-{13}	1*60	3*30	29.2629	33.77889	0.388050	-37.617	96.1428
{6}-{14}	1*60	3*60	22.2576	33.63796	0.509445	-44.343	88.8584
{6}-{15}	1*60	3*120	25.6413	33.77889	0.449286	-41.239	92.5211
{6}-{16}	1*60	3*180	-14.2858	33.77889	0.673109	-81.166	52.5940
{6}-{17}	1*60	4*30	-28.1839	33.77889	0.405734	-95.064	38.6960
{6}-{18}	1*60	4*60	7.3108	33.63796	0.828315	-59.290	73.9116
{6}-{19}	1*60	4*120	31.3399	33.77889	0.355376	-35.540	98.2198
{6}-{20}	1*60	4*180	-4.0508	33.77889	0.904745	-70.931	62.8290
{7}-{8}	1*120	1*180	-5.0544	33.01996	0.878599	-70.432	60.3228
{7}-{9}	1*120	2*30	-1.1155	33.77889	0.973710	-67.995	65.7643
{7}-{10}	1*120	2*60	39.6609	33.77889	0.242667	-27.219	106.5408
{7}-{11}	1*120	2*120	-3.6099	33.63796	0.914717	-70.211	62.9909
{7}-{12}	1*120	2*180	7.8084	33.77889	0.817582	-59.071	74.6883
{7}-{13}	1*120	3*30	31.8974	33.77889	0.346914	-34.982	98.7773
{7}-{14}	1*120	3*60	24.8921	33.77889	0.462614	-41.988	91.7719
{7}-{15}	1*120	3*120	28.2758	33.63796	0.402249	-38.325	94.8766
{7}-{16}	1*120	3*180	-11.6514	33.77889	0.730751	-78.531	55.2285
{7}-{17}	1*120	4*30	-25.5494	33.77889	0.450909	-92.429	41.3305
{7}-{18}	1*120	4*60	9.9452	33.77889	0.768944	-56.935	76.8251
{7}-{19}	1*120	4*120	33.9744	33.63796	0.314527	-32.626	100.5752
{7}-{20}	1*120	4*180	-1.4164	33.77889	0.966624	-68.296	65.4635
{8}-{9}	1*180	2*30	3.9389	33.77889	0.907366	-62.941	70.8187
{8}-{10}	1*180	2*60	44.7153	33.77889	0.188097	-22.165	111.5952
{8}-{11}	1*180	2*120	1.4445	33.77889	0.965962	-65.435	68.3243

{8}-{12}	1*180	2*180	12.8628	33.63796	0.702849	-53.738	79.4636
{8}-{13}	1*180	3*30	36.9518	33.77889	0.276176	-29.928	103.8317
{8}-{14}	1*180	3*60	29.9465	33.77889	0.377098	-36.933	96.8263
{8}-{15}	1*180	3*120	33.3302	33.77889	0.325768	-33.550	100.2100
{8}-{16}	1*180	3*180	-6.5970	33.63796	0.844850	-73.198	60.0039
{8}-{17}	1*180	4*30	-20.4950	33.77889	0.545170	-87.375	46.3849
{8}-{18}	1*180	4*60	14.9996	33.77889	0.657804	-51.880	81.8795
{8}-{19}	1*180	4*120	39.0288	33.77889	0.250214	-27.851	105.9086
{8}-{20}	1*180	4*180	3.6380	33.63796	0.914055	-62.963	70.2389
{9}-{10}	2*30	2*60	40.7765	33.01996	0.219279	-24.601	106.1537
{9}-{11}	2*30	2*120	-2.4944	33.01996	0.939909	-67.872	62.8828
{9}-{12}	2*30	2*180	8.9239	33.01996	0.787425	-56.453	74.3012
{9}-{13}	2*30	3*30	33.0130	33.63796	0.328360	-33.588	99.6138
{9}-{14}	2*30	3*60	26.0076	33.77889	0.442851	-40.872	92.8874
{9}-{15}	2*30	3*120	29.3913	33.77889	0.385979	-37.489	96.2711
{9}-{16}	2*30	3*180	-10.5358	33.77889	0.755653	-77.416	56.3440
{9}-{17}	2*30	4*30	-24.4339	33.63796	0.469022	-91.035	42.1670
{9}-{18}	2*30	4*60	11.0608	33.77889	0.743901	-55.819	77.9406
{9}-{19}	2*30	4*120	35.0899	33.77889	0.300981	-31.790	101.9698
{9}-{20}	2*30	4*180	-0.3008	33.77889	0.992909	-67.181	66.5790
{10}-{11}	2*60	2*120	-43.2708	33.01996	0.192548	-108.648	22.1064
{10}-{12}	2*60	2*180	-31.8525	33.01996	0.336663	-97.230	33.5247
{10}-{13}	2*60	3*30	-7.7635	33.77889	0.818613	-74.643	59.1164
{10}-{14}	2*60	3*60	-14.7689	33.63796	0.661412	-81.370	51.8320
{10}-{15}	2*60	3*120	-11.3852	33.77889	0.736668	-78.265	55.4947
{10}-{16}	2*60	3*180	-51.3123	33.77889	0.131377	-118.192	15.5676

{10}-{17}	2*60	4*30	-65.2103	33.77889	0.055904	-132.090	1.6695
{10}-{18}	2*60	4*60	-29.7157	33.63796	0.378788	-96.317	36.8851
{10}-{19}	2*60	4*120	-5.6865	33.77889	0.866595	-72.566	61.1933
{10}-{20}	2*60	4*180	-41.0773	33.77889	0.226347	-107.957	25.8026
{11}-{12}	2*120	2*180	11.4183	33.01996	0.730098	-53.959	76.7956
{11}-{13}	2*120	3*30	35.5073	33.77889	0.295293	-31.373	102.3872
{11}-{14}	2*120	3*60	28.5020	33.77889	0.400471	-38.378	95.3818
{11}-{15}	2*120	3*120	31.8857	33.63796	0.345081	-34.715	98.4865
{11}-{16}	2*120	3*180	-8.0414	33.77889	0.812240	-74.921	58.8384
{11}-{17}	2*120	4*30	-21.9395	33.77889	0.517255	-88.819	44.9404
{11}-{18}	2*120	4*60	13.5552	33.77889	0.688920	-53.325	80.4350
{11}-{19}	2*120	4*120	37.5843	33.63796	0.266090	-29.017	104.1851
{11}-{20}	2*120	4*180	2.1936	33.77889	0.948331	-64.686	69.0734
{12}-{13}	2*180	3*30	24.0890	33.77889	0.477145	-42.791	90.9689
{12}-{14}	2*180	3*60	17.0837	33.77889	0.613960	-49.796	83.9635
{12}-{15}	2*180	3*120	20.4673	33.77889	0.545711	-46.413	87.3472
{12}-{16}	2*180	3*180	-19.4598	33.63796	0.564007	-86.061	47.1410
{12}-{17}	2*180	4*30	-33.3578	33.77889	0.325368	-100.238	33.5221
{12}-{18}	2*180	4*60	2.1368	33.77889	0.949665	-64.743	69.0167
{12}-{19}	2*180	4*120	26.1660	33.77889	0.440085	-40.714	93.0458
{12}-{20}	2*180	4*180	-9.2248	33.63796	0.784374	-75.826	57.3760
{13}-{14}	3*30	3*60	-7.0054	33.01996	0.832346	-72.383	58.3719
{13}-{15}	3*30	3*120	-3.6217	33.01996	0.912845	-68.999	61.7556
{13}-{16}	3*30	3*180	-43.5488	33.01996	0.189726	-108.926	21.8284
{13}-{17}	3*30	4*30	-57.4468	33.63796	0.090260	-124.048	9.1540
{13}-{18}	3*30	4*60	-21.9522	33.77889	0.517013	-88.832	44.9277

{13}-{19}	3*30	4*120	2.0770	33.77889	0.951073	-64.803	68.9568
{13}-{20}	3*30	4*180	-33.3138	33.77889	0.326004	-100.194	33.5661
{14}-{15}	3*60	3*120	3.3837	33.01996	0.918551	-61.994	68.7609
{14}-{16}	3*60	3*180	-36.5434	33.01996	0.270634	-101.921	28.8338
{14}-{17}	3*60	4*30	-50.4415	33.77889	0.137988	-117.321	16.4384
{14}-{18}	3*60	4*60	-14.9468	33.63796	0.657594	-81.548	51.6540
{14}-{19}	3*60	4*120	9.0823	33.77889	0.788487	-57.798	75.9622
{14}-{20}	3*60	4*180	-26.3084	33.77889	0.437606	-93.188	40.5714
{15}-{16}	3*120	3*180	-39.9271	33.01996	0.228970	-105.304	25.4501
{15}-{17}	3*120	4*30	-53.8252	33.77889	0.113689	-120.705	13.0547
{15}-{18}	3*120	4*60	-18.3305	33.77889	0.588369	-85.210	48.5493
{15}-{19}	3*120	4*120	5.6986	33.63796	0.865759	-60.902	72.2995
{15}-{20}	3*120	4*180	-29.6921	33.77889	0.381150	-96.572	37.1877
{16}-{17}	3*180	4*30	-13.8980	33.77889	0.681483	-80.778	52.9818
{16}-{18}	3*180	4*60	21.5966	33.77889	0.523813	-45.283	88.4765
{16}-{19}	3*180	4*120	45.6258	33.77889	0.179327	-21.254	112.5056
{16}-{20}	3*180	4*180	10.2350	33.63796	0.761450	-56.366	76.8358
{17}-{18}	4*30	4*60	35.4946	33.01996	0.284556	-29.883	100.8719
{17}-{19}	4*30	4*120	59.5238	33.01996	0.073951	-5.853	124.9010
{17}-{20}	4*30	4*180	24.1330	33.01996	0.466288	-41.244	89.5103
{18}-{19}	4*60	4*120	24.0292	33.01996	0.468205	-41.348	89.4064
{18}-{20}	4*60	4*180	-11.3616	33.01996	0.731386	-76.739	54.0156
{19}-{20}	4*120	4*180	-35.3908	33.01996	0.285961	-100.768	29.9865

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 491.97	{2} - 478.13	{3} - 455.18	{4} - 437.72	{5} - 490.47	{6} - 482.21	{7} - 446.64	{8} - 467.41	{9} - 489.22	{10} - 451.86	{11} - 459.83	{12} - 460.41	{13} - 464.77	{14} - 460.06	{15} - 482.16	{16} - 469.53	{17} - 469.19	{18} - 460.88	{19} - 485.89	{20} - 477.90
1	0	30		0.496101	0.072062	0.008481	0.937205	0.631358	0.027306	0.228401	0.885547	0.050319	0.115794	0.122438	0.155676	0.118361	0.629535	0.270869	0.233836	0.128025	0.764851	0.489424
2	0	60	0.496101		0.259882	0.048448	0.544333	0.830725	0.123212	0.598075	0.585581	0.170144	0.368839	0.384135	0.511372	0.344361	0.843013	0.672274	0.660162	0.366624	0.702917	0.991030
3	0	120	0.072062	0.259882		0.390562	0.084601	0.185375	0.654231	0.548040	0.096006	0.869963	0.807677	0.797246	0.637557	0.810650	0.159162	0.480990	0.491400	0.779537	0.109461	0.265070
4	0	180	0.008481	0.048448	0.390562		0.010495	0.030239	0.661042	0.121544	0.012408	0.487231	0.277955	0.235689	0.184976	0.273081	0.030430	0.097381	0.123504	0.255943	0.019173	0.036881
5	1	30	0.937205	0.544333	0.084601	0.010495		0.684489	0.032577	0.257543	0.948045	0.059430	0.133659	0.141093	0.179623	0.136532	0.682877	0.304112	0.265964	0.147332	0.821812	0.536912
6	1	60	0.631358	0.830725	0.185375	0.030239	0.684489		0.081811	0.466635	0.730186	0.113507	0.272195	0.284734	0.391663	0.246908	0.997950	0.533083	0.522209	0.264747	0.856475	0.832225
7	1	120	0.027306	0.123212	0.654231	0.661042	0.032577	0.081811		0.307562	0.037906	0.797383	0.489663	0.498542	0.373281	0.509573	0.064523	0.261453	0.268548	0.484092	0.041405	0.125930
8	1	180	0.228401	0.598075	0.548040	0.121544	0.257543	0.466635	0.307562		0.284395	0.444906	0.709459	0.713850	0.896715	0.717772	0.468612	0.911512	0.930187	0.748122	0.364188	0.582481
9	2	30	0.885547	0.585581	0.096006	0.012408	0.948045	0.730186	0.037906	0.284395		0.067730	0.149639	0.157756	0.201443	0.153151	0.728257	0.333601	0.294769	0.164943	0.869668	0.577888
10	2	60	0.050319	0.170144	0.869963	0.487231	0.059430	0.113507	0.797383	0.444906	0.067730		0.694755	0.673833	0.525744	0.667462	0.137928	0.385509	0.394665	0.636514	0.096079	0.201694
11	2	120	0.115794	0.368839	0.807677	0.277955	0.133659	0.272195	0.489663	0.709459	0.149639	0.694755		0.977254	0.808126	0.991100	0.243224	0.633537	0.645445	0.958923	0.173673	0.374829
12	2	180	0.122438	0.384135	0.797246	0.235689	0.141093	0.284734	0.498542	0.713850	0.157756	0.673833	0.977254		0.830260	0.986172	0.285884	0.632864	0.665997	0.981635	0.211629	0.360034
13	3	30	0.155676	0.511372	0.637557	0.184976	0.179623	0.391663	0.373281	0.896715	0.201443	0.525744	0.808126	0.830260		0.816611	0.392646	0.814756	0.816794	0.848248	0.299986	0.518610
14	3	60	0.118361	0.344361	0.810650	0.273081	0.136532	0.246908	0.509573	0.717772	0.153151	0.667462	0.991100	0.986172	0.816611		0.277749	0.641185	0.653461	0.965702	0.205420	0.380833
15	3	120	0.629535	0.843013	0.159162	0.030430	0.682877	0.997950	0.064523	0.468612	0.728257	0.137928	0.243224	0.285884	0.392646	0.277749		0.534394	0.523876	0.296330	0.845028	0.834229
16	3	180	0.270869	0.672274	0.480990	0.097381	0.304112	0.533083	0.261453	0.911512	0.333601	0.385509	0.633537	0.632864	0.814756	0.641185	0.534394		0.986693	0.670607	0.421626	0.660805
17	4	30	0.233836	0.660162	0.491400	0.123504	0.265964	0.522209	0.268548	0.930187	0.294769	0.394665	0.645445	0.665997	0.816794	0.653461	0.523876	0.986693		0.682519	0.411668	0.668031
18	4	60	0.128025	0.366624	0.779537	0.255943	0.147332	0.264747	0.484092	0.748122	0.164943	0.636514	0.958923	0.981635	0.848248	0.965702	0.296330	0.670607	0.682519		0.219666	0.402614
19	4	120	0.764851	0.702917	0.109461	0.019173	0.821812	0.856475	0.041405	0.364188	0.869668	0.096079	0.173673	0.211629	0.299986	0.205420	0.845028	0.421626	0.411668	0.219666		0.694337
20	4	180	0.489424	0.991030	0.265070	0.036881	0.536912	0.832225	0.125930	0.582481	0.577888	0.201694	0.374829	0.360034	0.518610	0.380833	0.834229	0.660805	0.668031	0.402614	0.694337	

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	13.8382	20.26921	0.496101	-26.2935	53.9698
{1}-{3}	0*30	0*120	36.7833	20.26921	0.072062	-3.3483	76.9149
{1}-{4}	0*30	0*180	54.2497	20.26921	0.008481	14.1181	94.3813
{1}-{5}	0*30	1*30	1.5031	19.03843	0.937205	-36.1917	39.1978
{1}-{6}	0*30	1*60	9.7594	20.28779	0.631358	-30.4090	49.9278
{1}-{7}	0*30	1*120	45.3319	20.28779	0.027306	5.1635	85.5003
{1}-{8}	0*30	1*180	24.5618	20.28779	0.228401	-15.6066	64.7302
{1}-{9}	0*30	2*30	2.7462	19.03843	0.885547	-34.9485	40.4410
{1}-{10}	0*30	2*60	40.1117	20.28779	0.050319	-0.0567	80.2801
{1}-{11}	0*30	2*120	32.1387	20.28779	0.115794	-8.0297	72.3071
{1}-{12}	0*30	2*180	31.5596	20.28779	0.122438	-8.6089	71.7280
{1}-{13}	0*30	3*30	27.2010	19.03843	0.155676	-10.4937	64.8958
{1}-{14}	0*30	3*60	31.9119	20.28779	0.118361	-8.2565	72.0803
{1}-{15}	0*30	3*120	9.8116	20.28779	0.629535	-30.3568	49.9800
{1}-{16}	0*30	3*180	22.4416	20.28779	0.270869	-17.7268	62.6100
{1}-{17}	0*30	4*30	22.7807	19.03843	0.233836	-14.9141	60.4754
{1}-{18}	0*30	4*60	31.0916	20.28779	0.128025	-9.0768	71.2600
{1}-{19}	0*30	4*120	6.0822	20.28779	0.764851	-34.0862	46.2506
{1}-{20}	0*30	4*180	14.0667	20.28779	0.489424	-26.1017	54.2351
{2}-{3}	0*60	0*120	22.9452	20.26921	0.259882	-17.1864	63.0768
{2}-{4}	0*60	0*180	40.4115	20.26921	0.048448	0.2799	80.5431



{2}-{5}	0*60	1*30	-12.3351	20.28779	0.544333	-52.5035	27.8333
{2}-{6}	0*60	1*60	-4.0788	19.03843	0.830725	-41.7735	33.6160
{2}-{7}	0*60	1*120	31.4937	20.28779	0.123212	-8.6747	71.6621
{2}-{8}	0*60	1*180	10.7237	20.28779	0.598075	-29.4447	50.8921
{2}-{9}	0*60	2*30	-11.0919	20.28779	0.585581	-51.2603	29.0765
{2}-{10}	0*60	2*60	26.2735	19.03843	0.170144	-11.4212	63.9683
{2}-{11}	0*60	2*120	18.3005	20.28779	0.368839	-21.8679	58.4689
{2}-{12}	0*60	2*180	17.7214	20.28779	0.384135	-22.4470	57.8898
{2}-{13}	0*60	3*30	13.3629	20.28779	0.511372	-26.8055	53.5313
{2}-{14}	0*60	3*60	18.0737	19.03843	0.344361	-19.6210	55.7685
{2}-{15}	0*60	3*120	-4.0265	20.28779	0.843013	-44.1949	36.1419
{2}-{16}	0*60	3*180	8.6034	20.28779	0.672274	-31.5650	48.7719
{2}-{17}	0*60	4*30	8.9425	20.28779	0.660162	-31.2259	49.1109
{2}-{18}	0*60	4*60	17.2534	19.03843	0.366624	-20.4413	54.9482
{2}-{19}	0*60	4*120	-7.7560	20.28779	0.702917	-47.9244	32.4124
{2}-{20}	0*60	4*180	0.2286	20.28779	0.991030	-39.9398	40.3970
{3}-{4}	0*120	0*180	17.4663	20.26921	0.390562	-22.6653	57.5979
{3}-{5}	0*120	1*30	-35.2803	20.28779	0.084601	-75.4487	4.8881
{3}-{6}	0*120	1*60	-27.0239	20.28779	0.185375	-67.1923	13.1445
{3}-{7}	0*120	1*120	8.5485	19.03843	0.654231	-29.1462	46.2433
{3}-{8}	0*120	1*180	-12.2215	20.28779	0.548040	-52.3899	27.9469
{3}-{9}	0*120	2*30	-34.0371	20.28779	0.096006	-74.2055	6.1313
{3}-{10}	0*120	2*60	3.3283	20.28779	0.869963	-36.8401	43.4967
{3}-{11}	0*120	2*120	-4.6447	19.03843	0.807677	-42.3394	33.0501
{3}-{12}	0*120	2*180	-5.2238	20.28779	0.797246	-45.3922	34.9446
{3}-{13}	0*120	3*30	-9.5823	20.28779	0.637557	-49.7507	30.5861

{3}-{14}	0*120	3*60	-4.8714	20.28779	0.810650	-45.0398	35.2970
{3}-{15}	0*120	3*120	-26.9717	19.03843	0.159162	-64.6665	10.7231
{3}-{16}	0*120	3*180	-14.3417	20.28779	0.480990	-54.5101	25.8267
{3}-{17}	0*120	4*30	-14.0027	20.28779	0.491400	-54.1711	26.1658
{3}-{18}	0*120	4*60	-5.6918	20.28779	0.779537	-45.8602	34.4766
{3}-{19}	0*120	4*120	-30.7011	19.03843	0.109461	-68.3959	6.9936
{3}-{20}	0*120	4*180	-22.7166	20.28779	0.265070	-62.8850	17.4518
{4}-{5}	0*180	1*30	-52.7466	20.28779	0.010495	-92.9150	-12.5782
{4}-{6}	0*180	1*60	-44.4903	20.28779	0.030239	-84.6587	-4.3219
{4}-{7}	0*180	1*120	-8.9178	20.28779	0.661042	-49.0862	31.2506
{4}-{8}	0*180	1*180	-29.6878	19.03843	0.121544	-67.3826	8.0069
{4}-{9}	0*180	2*30	-51.5034	20.28779	0.012408	-91.6718	-11.3350
{4}-{10}	0*180	2*60	-14.1380	20.28779	0.487231	-54.3064	26.0304
{4}-{11}	0*180	2*120	-22.1110	20.28779	0.277955	-62.2794	18.0574
{4}-{12}	0*180	2*180	-22.6901	19.03843	0.235689	-60.3849	15.0046
{4}-{13}	0*180	3*30	-27.0486	20.28779	0.184976	-67.2170	13.1198
{4}-{14}	0*180	3*60	-22.3378	20.28779	0.273081	-62.5062	17.8306
{4}-{15}	0*180	3*120	-44.4380	20.28779	0.030430	-84.6064	-4.2696
{4}-{16}	0*180	3*180	-31.8081	19.03843	0.097381	-69.5028	5.8867
{4}-{17}	0*180	4*30	-31.4690	20.28779	0.123504	-71.6374	8.6994
{4}-{18}	0*180	4*60	-23.1581	20.28779	0.255943	-63.3265	17.0103
{4}-{19}	0*180	4*120	-48.1675	20.28779	0.019173	-88.3359	-7.9991
{4}-{20}	0*180	4*180	-40.1830	19.03843	0.036881	-77.8777	-2.4882
{5}-{6}	1*30	1*60	8.2563	20.26921	0.684489	-31.8753	48.3879
{5}-{7}	1*30	1*120	43.8288	20.26921	0.032577	3.6972	83.9604
{5}-{8}	1*30	1*180	23.0588	20.26921	0.257543	-17.0729	63.1904

{5}-{9}	1*30	2*30	1.2432	19.03843	0.948045	-36.4516	38.9379
{5}-{10}	1*30	2*60	38.6086	20.28779	0.059430	-1.5598	78.7770
{5}-{11}	1*30	2*120	30.6356	20.28779	0.133659	-9.5328	70.8040
{5}-{12}	1*30	2*180	30.0565	20.28779	0.141093	-10.1119	70.2249
{5}-{13}	1*30	3*30	25.6980	19.03843	0.179623	-11.9968	63.3927
{5}-{14}	1*30	3*60	30.4088	20.28779	0.136532	-9.7596	70.5772
{5}-{15}	1*30	3*120	8.3086	20.28779	0.682877	-31.8598	48.4770
{5}-{16}	1*30	3*180	20.9385	20.28779	0.304112	-19.2299	61.1069
{5}-{17}	1*30	4*30	21.2776	19.03843	0.265964	-16.4171	58.9724
{5}-{18}	1*30	4*60	29.5885	20.28779	0.147332	-10.5799	69.7569
{5}-{19}	1*30	4*120	4.5791	20.28779	0.821812	-35.5893	44.7475
{5}-{20}	1*30	4*180	12.5636	20.28779	0.536912	-27.6048	52.7320
{6}-{7}	1*60	1*120	35.5725	20.26921	0.081811	-4.5592	75.7041
{6}-{8}	1*60	1*180	14.8024	20.26921	0.466635	-25.3292	54.9340
{6}-{9}	1*60	2*30	-7.0132	20.28779	0.730186	-47.1816	33.1553
{6}-{10}	1*60	2*60	30.3523	19.03843	0.113507	-7.3425	68.0470
{6}-{11}	1*60	2*120	22.3793	20.28779	0.272195	-17.7891	62.5477
{6}-{12}	1*60	2*180	21.8002	20.28779	0.284734	-18.3683	61.9686
{6}-{13}	1*60	3*30	17.4416	20.28779	0.391663	-22.7268	57.6100
{6}-{14}	1*60	3*60	22.1525	19.03843	0.246908	-15.5423	59.8473
{6}-{15}	1*60	3*120	0.0522	20.28779	0.997950	-40.1162	40.2206
{6}-{16}	1*60	3*180	12.6822	20.28779	0.533083	-27.4862	52.8506
{6}-{17}	1*60	4*30	13.0213	20.28779	0.522209	-27.1471	53.1897
{6}-{18}	1*60	4*60	21.3322	19.03843	0.264747	-16.3626	59.0269
{6}-{19}	1*60	4*120	-3.6772	20.28779	0.856475	-43.8456	36.4912
{6}-{20}	1*60	4*180	4.3073	20.28779	0.832225	-35.8611	44.4757

{7}-{8}	1*120	1*180	-20.7700	20.26921	0.307562	-60.9016	19.3616
{7}-{9}	1*120	2*30	-42.5856	20.28779	0.037906	-82.7540	-2.4172
{7}-{10}	1*120	2*60	-5.2202	20.28779	0.797383	-45.3886	34.9482
{7}-{11}	1*120	2*120	-13.1932	19.03843	0.489663	-50.8879	24.5016
{7}-{12}	1*120	2*180	-13.7723	20.28779	0.498542	-53.9407	26.3961
{7}-{13}	1*120	3*30	-18.1308	20.28779	0.373281	-58.2992	22.0376
{7}-{14}	1*120	3*60	-13.4200	20.28779	0.509573	-53.5884	26.7484
{7}-{15}	1*120	3*120	-35.5202	19.03843	0.064523	-73.2150	2.1745
{7}-{16}	1*120	3*180	-22.8903	20.28779	0.261453	-63.0587	17.2781
{7}-{17}	1*120	4*30	-22.5512	20.28779	0.268548	-62.7196	17.6172
{7}-{18}	1*120	4*60	-14.2403	20.28779	0.484092	-54.4087	25.9281
{7}-{19}	1*120	4*120	-39.2497	19.03843	0.041405	-76.9444	-1.5549
{7}-{20}	1*120	4*180	-31.2651	20.28779	0.125930	-71.4335	8.9033
{8}-{9}	1*180	2*30	-21.8156	20.28779	0.284395	-61.9840	18.3528
{8}-{10}	1*180	2*60	15.5498	20.28779	0.444906	-24.6186	55.7183
{8}-{11}	1*180	2*120	7.5768	20.28779	0.709459	-32.5916	47.7453
{8}-{12}	1*180	2*180	6.9977	19.03843	0.713850	-30.6970	44.6925
{8}-{13}	1*180	3*30	2.6392	20.28779	0.896715	-37.5292	42.8076
{8}-{14}	1*180	3*60	7.3501	20.28779	0.717772	-32.8183	47.5185
{8}-{15}	1*180	3*120	-14.7502	20.28779	0.468612	-54.9186	25.4182
{8}-{16}	1*180	3*180	-2.1202	19.03843	0.911512	-39.8150	35.5745
{8}-{17}	1*180	4*30	-1.7811	20.28779	0.930187	-41.9495	38.3873
{8}-{18}	1*180	4*60	6.5297	20.28779	0.748122	-33.6387	46.6981
{8}-{19}	1*180	4*120	-18.4796	20.28779	0.364188	-58.6480	21.6888
{8}-{20}	1*180	4*180	-10.4951	19.03843	0.582481	-48.1899	27.1996
{9}-{10}	2*30	2*60	37.3654	20.26921	0.067730	-2.7662	77.4970

{9}-{11}	2*30	2*120	29.3924	20.26921	0.149639	-10.7392	69.5240
{9}-{12}	2*30	2*180	28.8133	20.26921	0.157756	-11.3183	68.9449
{9}-{13}	2*30	3*30	24.4548	19.03843	0.201443	-13.2400	62.1495
{9}-{14}	2*30	3*60	29.1657	20.28779	0.153151	-11.0028	69.3341
{9}-{15}	2*30	3*120	7.0654	20.28779	0.728257	-33.1030	47.2338
{9}-{16}	2*30	3*180	19.6953	20.28779	0.333601	-20.4731	59.8638
{9}-{17}	2*30	4*30	20.0344	19.03843	0.294769	-17.6603	57.7292
{9}-{18}	2*30	4*60	28.3453	20.28779	0.164943	-11.8231	68.5137
{9}-{19}	2*30	4*120	3.3359	20.28779	0.869668	-36.8325	43.5044
{9}-{20}	2*30	4*180	11.3205	20.28779	0.577888	-28.8479	51.4889
{10}-{11}	2*60	2*120	-7.9730	20.26921	0.694755	-48.1046	32.1586
{10}-{12}	2*60	2*180	-8.5521	20.26921	0.673833	-48.6837	31.5795
{10}-{13}	2*60	3*30	-12.9107	20.28779	0.525744	-53.0791	27.2578
{10}-{14}	2*60	3*60	-8.1998	19.03843	0.667462	-45.8945	29.4950
{10}-{15}	2*60	3*120	-30.3000	20.28779	0.137928	-70.4684	9.8684
{10}-{16}	2*60	3*180	-17.6701	20.28779	0.385509	-57.8385	22.4983
{10}-{17}	2*60	4*30	-17.3310	20.28779	0.394665	-57.4994	22.8374
{10}-{18}	2*60	4*60	-9.0201	19.03843	0.636514	-46.7149	28.6746
{10}-{19}	2*60	4*120	-34.0295	20.28779	0.096079	-74.1979	6.1389
{10}-{20}	2*60	4*180	-26.0450	20.28779	0.201694	-66.2134	14.1234
{11}-{12}	2*120	2*180	-0.5791	20.26921	0.977254	-40.7107	39.5525
{11}-{13}	2*120	3*30	-4.9377	20.28779	0.808126	-45.1061	35.2308
{11}-{14}	2*120	3*60	-0.2268	20.28779	0.991100	-40.3952	39.9416
{11}-{15}	2*120	3*120	-22.3270	19.03843	0.243224	-60.0218	15.3677
{11}-{16}	2*120	3*180	-9.6971	20.28779	0.633537	-49.8655	30.4713
{11}-{17}	2*120	4*30	-9.3580	20.28779	0.645445	-49.5264	30.8104

{11}-{18}	2*120	4*60	-1.0471	20.28779	0.958923	-41.2155	39.1213
{11}-{19}	2*120	4*120	-26.0565	19.03843	0.173673	-63.7512	11.6383
{11}-{20}	2*120	4*180	-18.0720	20.28779	0.374829	-58.2404	22.0964
{12}-{13}	2*180	3*30	-4.3585	20.28779	0.830260	-44.5269	35.8099
{12}-{14}	2*180	3*60	0.3523	20.28779	0.986172	-39.8161	40.5208
{12}-{15}	2*180	3*120	-21.7479	20.28779	0.285884	-61.9163	18.4205
{12}-{16}	2*180	3*180	-9.1180	19.03843	0.632864	-46.8127	28.5768
{12}-{17}	2*180	4*30	-8.7789	20.28779	0.665997	-48.9473	31.3895
{12}-{18}	2*180	4*60	-0.4680	20.28779	0.981635	-40.6364	39.7004
{12}-{19}	2*180	4*120	-25.4774	20.28779	0.211629	-65.6458	14.6910
{12}-{20}	2*180	4*180	-17.4928	19.03843	0.360034	-55.1876	20.2019
{13}-{14}	3*30	3*60	4.7109	20.26921	0.816611	-35.4207	44.8425
{13}-{15}	3*30	3*120	-17.3894	20.26921	0.392646	-57.5210	22.7422
{13}-{16}	3*30	3*180	-4.7594	20.26921	0.814756	-44.8910	35.3722
{13}-{17}	3*30	4*30	-4.4203	19.03843	0.816794	-42.1151	33.2744
{13}-{18}	3*30	4*60	3.8905	20.28779	0.848248	-36.2779	44.0589
{13}-{19}	3*30	4*120	-21.1188	20.28779	0.299986	-61.2872	19.0496
{13}-{20}	3*30	4*180	-13.1343	20.28779	0.518610	-53.3027	27.0341
{14}-{15}	3*60	3*120	-22.1003	20.26921	0.277749	-62.2319	18.0313
{14}-{16}	3*60	3*180	-9.4703	20.26921	0.641185	-49.6019	30.6613
{14}-{17}	3*60	4*30	-9.1312	20.28779	0.653461	-49.2996	31.0372
{14}-{18}	3*60	4*60	-0.8203	19.03843	0.965702	-38.5151	36.8744
{14}-{19}	3*60	4*120	-25.8297	20.28779	0.205420	-65.9981	14.3387
{14}-{20}	3*60	4*180	-17.8452	20.28779	0.380833	-58.0136	22.3232
{15}-{16}	3*120	3*180	12.6300	20.26921	0.534394	-27.5016	52.7616
{15}-{17}	3*120	4*30	12.9691	20.28779	0.523876	-27.1994	53.1375

{15}-{18}	3*120	4*60	21.2799	20.28779	0.296330	-18.8885	61.4483
{15}-{19}	3*120	4*120	-3.7294	19.03843	0.845028	-41.4242	33.9653
{15}-{20}	3*120	4*180	4.2551	20.28779	0.834229	-35.9133	44.4235
{16}-{17}	3*180	4*30	0.3391	20.28779	0.986693	-39.8293	40.5075
{16}-{18}	3*180	4*60	8.6500	20.28779	0.670607	-31.5184	48.8184
{16}-{19}	3*180	4*120	-16.3594	20.28779	0.421626	-56.5278	23.8090
{16}-{20}	3*180	4*180	-8.3749	19.03843	0.660805	-46.0696	29.3199
{17}-{18}	4*30	4*60	8.3109	20.26921	0.682519	-31.8207	48.4425
{17}-{19}	4*30	4*120	-16.6985	20.26921	0.411668	-56.8301	23.4331
{17}-{20}	4*30	4*180	-8.7140	20.26921	0.668031	-48.8456	31.4176
{18}-{19}	4*60	4*120	-25.0094	20.26921	0.219666	-65.1410	15.1223
{18}-{20}	4*60	4*180	-17.0248	20.26921	0.402614	-57.1565	23.1068
{19}-{20}	4*120	4*180	7.9845	20.26921	0.694337	-32.1471	48.1161

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 604.55	{2} - 513.95	{3} - 501.24	{4} - 522.46	{5} - 540.01	{6} - 528.10	{7} - 538.96	{8} - 479.73	{9} - 589.63	{10} - 466.77	{11} - 517.72	{12} - 508.79	{13} - 518.90	{14} - 489.49	{15} - 485.56	{16} - 368.26	{17} - 492.81	{18} - 550.56	{19} - 467.72	{20} - 445.16
1	0	30		0.110307	0.069087	0.147583	0.228700	0.187666	0.257871	0.032476	0.780145	0.018490	0.134938	0.099538	0.110945	0.048368	0.041322	0.000077	0.038288	0.351212	0.019299	0.006634
2	0	60	0.110307		0.821910	0.880083	0.652198	0.791143	0.665338	0.554196	0.192088	0.378211	0.947956	0.928854	0.931777	0.647356	0.623622	0.012866	0.714743	0.493814	0.424590	0.235490
3	0	120	0.069087	0.821910		0.707011	0.502837	0.642335	0.480818	0.709856	0.128148	0.551279	0.757908	0.896196	0.760128	0.838871	0.769304	0.022883	0.884057	0.394366	0.530936	0.332958
4	0	180	0.147583	0.880083	0.707011		0.761464	0.922250	0.775344	0.424611	0.246645	0.336315	0.934640	0.798075	0.950824	0.568669	0.523661	0.004561	0.608233	0.627155	0.344625	0.149882
5	1	30	0.228700	0.652198	0.502837	0.761464		0.832876	0.985144	0.286567	0.354171	0.206686	0.699861	0.589293	0.692868	0.382866	0.347149	0.003521	0.377950	0.855313	0.212620	0.102761
6	1	60	0.187666	0.791143	0.642335	0.922250	0.832876		0.847430	0.392068	0.288378	0.252477	0.857467	0.738307	0.873459	0.470468	0.462324	0.006486	0.541858	0.674555	0.297382	0.153119

7	1	120	0.257871	0.665338	0.480818	0.775344	0.985144	0.847430		0.295011	0.381599	0.213231	0.691147	0.601869	0.728572	0.392809	0.318773	0.003721	0.425301	0.841076	0.184210	0.106585
8	1	180	0.032476	0.554196	0.709856	0.424611	0.286567	0.392068	0.295011		0.059178	0.822674	0.511438	0.586921	0.498482	0.865961	0.919595	0.038755	0.820970	0.221951	0.835531	0.518192
9	2	30	0.780145	0.192088	0.128148	0.246645	0.354171	0.288378	0.381599	0.059178		0.031101	0.204153	0.153771	0.187342	0.085164	0.073771	0.000200	0.072008	0.499563	0.036670	0.013618
10	2	60	0.018490	0.378211	0.551279	0.336315	0.206686	0.252477	0.213231	0.822674	0.031101		0.367452	0.457118	0.368050	0.670960	0.745177	0.090317	0.652521	0.118857	0.986836	0.708645
11	2	120	0.134938	0.947956	0.757908	0.934640	0.699861	0.857467	0.691147	0.511438	0.204153	0.367452		0.874206	0.983775	0.625445	0.547724	0.010766	0.666685	0.570305	0.350469	0.210933
12	2	180	0.099538	0.928854	0.896196	0.798075	0.589293	0.738307	0.601869	0.586921	0.153771	0.457118	0.874206		0.861167	0.738568	0.688017	0.009537	0.782346	0.470442	0.478006	0.235293
13	3	30	0.110945	0.931777	0.760128	0.950824	0.692868	0.873459	0.728572	0.498482	0.187342	0.368050	0.983775	0.861167		0.602490	0.555060	0.008525	0.625708	0.584170	0.376850	0.203679
14	3	60	0.048368	0.647356	0.838871	0.568669	0.382866	0.470468	0.392809	0.865961	0.085164	0.670960	0.625445	0.738568	0.602490		0.944586	0.033366	0.954130	0.254510	0.706678	0.443809
15	3	120	0.041322	0.623622	0.769304	0.523661	0.347149	0.462324	0.318773	0.919595	0.073771	0.745177	0.547724	0.688017	0.555060	0.944586		0.039396	0.900229	0.262170	0.738623	0.485083
16	3	180	0.000077	0.012866	0.022883	0.004561	0.003521	0.006486	0.003721	0.038755	0.000200	0.090317	0.010766	0.009537	0.008525	0.033366	0.039396		0.032850	0.001998	0.087279	0.151998
17	4	30	0.038288	0.714743	0.884057	0.608233	0.377950	0.541858	0.425301	0.820970	0.072008	0.652521	0.666685	0.782346	0.625708	0.954130	0.900229	0.032850		0.307277	0.656797	0.399195
18	4	60	0.351212	0.493814	0.394366	0.627155	0.855313	0.674555	0.841076	0.221951	0.499563	0.118857	0.570305	0.470442	0.584170	0.254510	0.262170	0.001998	0.307277		0.143972	0.063726
19	4	120	0.019299	0.424590	0.530936	0.344625	0.212620	0.297382	0.184210	0.835531	0.036670	0.986836	0.350469	0.478006	0.376850	0.706678	0.738623	0.087279	0.656797	0.143972		0.689409
20	4	180	0.006634	0.235490	0.332958	0.149882	0.102761	0.153119	0.106585	0.518192	0.013618	0.708645	0.210933	0.235293	0.203679	0.443809	0.485083	0.151998	0.399195	0.063726	0.689409	

**LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	90.601	56.31881	0.110307	-20.906	202.1082
{1}-{3}	0*30	0*120	103.305	56.31881	0.069087	-8.202	214.8128
{1}-{4}	0*30	0*180	82.086	56.31881	0.147583	-29.421	193.5936
{1}-{5}	0*30	1*30	64.534	53.33868	0.228700	-41.073	170.1407



{1}-{6}	0*30	1*60	76.444	57.69052	0.187666	-37.779	190.6671
{1}-{7}	0*30	1*120	65.585	57.69052	0.257871	-48.638	179.8080
{1}-{8}	0*30	1*180	124.820	57.69052	0.032476	10.597	239.0434
{1}-{9}	0*30	2*30	14.922	53.33868	0.780145	-90.685	120.5288
{1}-{10}	0*30	2*60	137.777	57.69052	0.018490	23.554	252.0005
{1}-{11}	0*30	2*120	86.827	57.69052	0.134938	-27.396	201.0505
{1}-{12}	0*30	2*180	95.763	57.69052	0.099538	-18.461	209.9859
{1}-{13}	0*30	3*30	85.652	53.33868	0.110945	-19.955	191.2585
{1}-{14}	0*30	3*60	115.062	57.69052	0.048368	0.838	229.2848
{1}-{15}	0*30	3*120	118.984	57.69052	0.041322	4.761	233.2075
{1}-{16}	0*30	3*180	236.283	57.69052	0.000077	122.060	350.5066
{1}-{17}	0*30	4*30	111.736	53.33868	0.038288	6.129	217.3431
{1}-{18}	0*30	4*60	53.992	57.69052	0.351212	-60.232	168.2149
{1}-{19}	0*30	4*120	136.823	57.69052	0.019299	22.600	251.0467
{1}-{20}	0*30	4*180	159.386	57.69052	0.006634	45.163	273.6094
{2}-{3}	0*60	0*120	12.705	56.31881	0.821910	-98.803	124.2119
{2}-{4}	0*60	0*180	-8.515	56.31881	0.880083	-120.022	102.9927
{2}-{5}	0*60	1*30	-26.067	57.69052	0.652198	-140.290	88.1562
{2}-{6}	0*60	1*60	-14.157	53.33868	0.791143	-119.764	91.4498
{2}-{7}	0*60	1*120	-25.016	57.69052	0.665338	-139.239	89.2071
{2}-{8}	0*60	1*180	34.219	57.69052	0.554196	-80.004	148.4425
{2}-{9}	0*60	2*30	-75.679	57.69052	0.192088	-189.902	38.5442
{2}-{10}	0*60	2*60	47.176	53.33868	0.378211	-58.430	152.7833
{2}-{11}	0*60	2*120	-3.774	57.69052	0.947956	-117.997	110.4497
{2}-{12}	0*60	2*180	5.162	57.69052	0.928854	-109.061	119.3851
{2}-{13}	0*60	3*30	-4.949	57.69052	0.931777	-119.172	109.2740

{2}-{14}	0*60	3*60	24.461	53.33868	0.647356	-81.146	130.0676
{2}-{15}	0*60	3*120	28.383	57.69052	0.623622	-85.840	142.6067
{2}-{16}	0*60	3*180	145.682	57.69052	0.012866	31.459	259.9057
{2}-{17}	0*60	4*30	21.135	57.69052	0.714743	-93.088	135.3586
{2}-{18}	0*60	4*60	-36.609	53.33868	0.493814	-142.216	68.9977
{2}-{19}	0*60	4*120	46.223	57.69052	0.424590	-68.001	160.4458
{2}-{20}	0*60	4*180	68.785	57.69052	0.235490	-45.438	183.0085
{3}-{4}	0*120	0*180	-21.219	56.31881	0.707011	-132.726	90.2882
{3}-{5}	0*120	1*30	-38.772	57.69052	0.502837	-152.995	75.4517
{3}-{6}	0*120	1*60	-26.862	57.69052	0.642335	-141.085	87.3616
{3}-{7}	0*120	1*120	-37.721	53.33868	0.480818	-143.328	67.8862
{3}-{8}	0*120	1*180	21.515	57.69052	0.709856	-92.709	135.7379
{3}-{9}	0*120	2*30	-88.384	57.69052	0.128148	-202.607	25.8397
{3}-{10}	0*120	2*60	34.472	57.69052	0.551279	-79.751	148.6951
{3}-{11}	0*120	2*120	-16.478	53.33868	0.757908	-122.085	89.1288
{3}-{12}	0*120	2*180	-7.543	57.69052	0.896196	-121.766	106.6805
{3}-{13}	0*120	3*30	-17.654	57.69052	0.760128	-131.877	96.5694
{3}-{14}	0*120	3*60	11.756	57.69052	0.838871	-102.467	125.9794
{3}-{15}	0*120	3*120	15.679	53.33868	0.769304	-89.928	121.2858
{3}-{16}	0*120	3*180	132.978	57.69052	0.022883	18.755	247.2012
{3}-{17}	0*120	4*30	8.431	57.69052	0.884057	-105.792	122.6540
{3}-{18}	0*120	4*60	-49.314	57.69052	0.394366	-163.537	64.9095
{3}-{19}	0*120	4*120	33.518	53.33868	0.530936	-72.089	139.1249
{3}-{20}	0*120	4*180	56.081	57.69052	0.332958	-58.142	170.3040
{4}-{5}	0*180	1*30	-17.552	57.69052	0.761464	-131.776	96.6708
{4}-{6}	0*180	1*60	-5.642	57.69052	0.922250	-119.866	108.5808

{4}-{7}	0*180	1*120	-16.502	57.69052	0.775344	-130.725	97.7217
{4}-{8}	0*180	1*180	42.734	53.33868	0.424611	-62.873	148.3407
{4}-{9}	0*180	2*30	-67.164	57.69052	0.246645	-181.388	47.0588
{4}-{10}	0*180	2*60	55.691	57.69052	0.336315	-58.532	169.9143
{4}-{11}	0*180	2*120	4.741	57.69052	0.934640	-109.482	118.9643
{4}-{12}	0*180	2*180	13.676	53.33868	0.798075	-91.930	119.2833
{4}-{13}	0*180	3*30	3.565	57.69052	0.950824	-110.658	117.7886
{4}-{14}	0*180	3*60	32.975	57.69052	0.568669	-81.248	147.1985
{4}-{15}	0*180	3*120	36.898	57.69052	0.523661	-77.325	151.1213
{4}-{16}	0*180	3*180	154.197	53.33868	0.004561	48.590	259.8040
{4}-{17}	0*180	4*30	29.650	57.69052	0.608233	-84.573	143.8732
{4}-{18}	0*180	4*60	-28.095	57.69052	0.627155	-142.318	86.1286
{4}-{19}	0*180	4*120	54.737	57.69052	0.344625	-59.486	168.9604
{4}-{20}	0*180	4*180	77.300	53.33868	0.149882	-28.307	182.9068
{5}-{6}	1*30	1*60	11.910	56.31881	0.832876	-99.597	123.4173
{5}-{7}	1*30	1*120	1.051	56.31881	0.985144	-110.456	112.5582
{5}-{8}	1*30	1*180	60.286	56.31881	0.286567	-51.221	171.7936
{5}-{9}	1*30	2*30	-49.612	53.33868	0.354171	-155.219	55.9949
{5}-{10}	1*30	2*60	73.243	57.69052	0.206686	-40.980	187.4667
{5}-{11}	1*30	2*120	22.293	57.69052	0.699861	-91.930	136.5167
{5}-{12}	1*30	2*180	31.229	57.69052	0.589293	-82.994	145.4521
{5}-{13}	1*30	3*30	21.118	53.33868	0.692868	-84.489	126.7246
{5}-{14}	1*30	3*60	50.528	57.69052	0.382866	-63.695	164.7510
{5}-{15}	1*30	3*120	54.450	57.69052	0.347149	-59.773	168.6737
{5}-{16}	1*30	3*180	171.749	57.69052	0.003521	57.526	285.9727
{5}-{17}	1*30	4*30	47.202	53.33868	0.377950	-58.404	152.8093

{5}-{18}	1*30	4*60	-10.542	57.69052	0.855313	-124.765	103.6810
{5}-{19}	1*30	4*120	72.290	57.69052	0.212620	-41.934	186.5128
{5}-{20}	1*30	4*180	94.852	57.69052	0.102761	-19.371	209.0755
{6}-{7}	1*60	1*120	-10.859	56.31881	0.847430	-122.366	100.6482
{6}-{8}	1*60	1*180	48.376	56.31881	0.392068	-63.131	159.8836
{6}-{9}	1*60	2*30	-61.522	57.69052	0.288378	-175.745	52.7013
{6}-{10}	1*60	2*60	61.333	53.33868	0.252477	-44.273	166.9404
{6}-{11}	1*60	2*120	10.383	57.69052	0.857467	-103.840	124.6067
{6}-{12}	1*60	2*180	19.319	57.69052	0.738307	-94.904	133.5421
{6}-{13}	1*60	3*30	9.208	57.69052	0.873459	-105.015	123.4310
{6}-{14}	1*60	3*60	38.618	53.33868	0.470468	-66.989	144.2246
{6}-{15}	1*60	3*120	42.540	57.69052	0.462324	-71.683	156.7637
{6}-{16}	1*60	3*180	159.840	57.69052	0.006486	45.616	274.0627
{6}-{17}	1*60	4*30	35.292	57.69052	0.541858	-78.931	149.5156
{6}-{18}	1*60	4*60	-22.452	53.33868	0.674555	-128.059	83.1547
{6}-{19}	1*60	4*120	60.380	57.69052	0.297382	-53.844	174.6029
{6}-{20}	1*60	4*180	82.942	57.69052	0.153119	-31.281	197.1655
{7}-{8}	1*120	1*180	59.235	56.31881	0.295011	-52.272	170.7427
{7}-{9}	1*120	2*30	-50.663	57.69052	0.381599	-164.886	63.5604
{7}-{10}	1*120	2*60	72.193	57.69052	0.213231	-42.031	186.4158
{7}-{11}	1*120	2*120	21.243	53.33868	0.691147	-84.364	126.8494
{7}-{12}	1*120	2*180	30.178	57.69052	0.601869	-84.045	144.4012
{7}-{13}	1*120	3*30	20.067	57.69052	0.728572	-94.156	134.2901
{7}-{14}	1*120	3*60	49.477	57.69052	0.392809	-64.746	163.7001
{7}-{15}	1*120	3*120	53.400	53.33868	0.318773	-52.207	159.0065
{7}-{16}	1*120	3*180	170.699	57.69052	0.003721	56.475	284.9218

{7}-{17}	1*120	4*30	46.152	57.69052	0.425301	-68.072	160.3747
{7}-{18}	1*120	4*60	-11.593	57.69052	0.841076	-125.816	102.6302
{7}-{19}	1*120	4*120	71.239	53.33868	0.184210	-34.368	176.8456
{7}-{20}	1*120	4*180	93.801	57.69052	0.106585	-20.422	208.0246
{8}-{9}	1*180	2*30	-109.898	57.69052	0.059178	-224.121	4.3250
{8}-{10}	1*180	2*60	12.957	57.69052	0.822674	-101.266	127.1804
{8}-{11}	1*180	2*120	-37.993	57.69052	0.511438	-152.216	76.2304
{8}-{12}	1*180	2*180	-29.057	53.33868	0.586921	-134.664	76.5494
{8}-{13}	1*180	3*30	-39.169	57.69052	0.498482	-153.392	75.0547
{8}-{14}	1*180	3*60	-9.759	57.69052	0.865961	-123.982	104.4647
{8}-{15}	1*180	3*120	-5.836	57.69052	0.919595	-120.059	108.3874
{8}-{16}	1*180	3*180	111.463	53.33868	0.038755	5.856	217.0701
{8}-{17}	1*180	4*30	-13.084	57.69052	0.820970	-127.307	101.1393
{8}-{18}	1*180	4*60	-70.828	57.69052	0.221951	-185.052	43.3948
{8}-{19}	1*180	4*120	12.003	57.69052	0.835531	-102.220	126.2266
{8}-{20}	1*180	4*180	34.566	53.33868	0.518192	-71.041	140.1729
{9}-{10}	2*30	2*60	122.855	56.31881	0.031101	11.348	234.3628
{9}-{11}	2*30	2*120	71.905	56.31881	0.204153	-39.602	183.4128
{9}-{12}	2*30	2*180	80.841	56.31881	0.153771	-30.667	192.3482
{9}-{13}	2*30	3*30	70.730	53.33868	0.187342	-34.877	176.3366
{9}-{14}	2*30	3*60	100.140	57.69052	0.085164	-14.084	214.3629
{9}-{15}	2*30	3*120	104.062	57.69052	0.073771	-10.161	218.2857
{9}-{16}	2*30	3*180	221.361	57.69052	0.000200	107.138	335.5847
{9}-{17}	2*30	4*30	96.814	53.33868	0.072008	-8.793	202.4212
{9}-{18}	2*30	4*60	39.070	57.69052	0.499563	-75.153	153.2930
{9}-{19}	2*30	4*120	121.902	57.69052	0.036670	7.678	236.1248

{9}-{20}	2*30	4*180	144.464	57.69052	0.013618	30.241	258.6875
{10}-{11}	2*60	2*120	-50.950	56.31881	0.367452	-162.457	60.5573
{10}-{12}	2*60	2*180	-42.015	56.31881	0.457118	-153.522	69.4927
{10}-{13}	2*60	3*30	-52.126	57.69052	0.368050	-166.349	62.0975
{10}-{14}	2*60	3*60	-22.716	53.33868	0.670960	-128.323	82.8911
{10}-{15}	2*60	3*120	-18.793	57.69052	0.745177	-133.016	95.4302
{10}-{16}	2*60	3*180	98.506	57.69052	0.090317	-15.717	212.7293
{10}-{17}	2*60	4*30	-26.041	57.69052	0.652521	-140.264	88.1822
{10}-{18}	2*60	4*60	-83.786	53.33868	0.118857	-189.393	21.8212
{10}-{19}	2*60	4*120	-0.954	57.69052	0.986836	-115.177	113.2694
{10}-{20}	2*60	4*180	21.609	57.69052	0.708645	-92.614	135.8321
{11}-{12}	2*120	2*180	8.935	56.31881	0.874206	-102.572	120.4427
{11}-{13}	2*120	3*30	-1.176	57.69052	0.983775	-115.399	113.0475
{11}-{14}	2*120	3*60	28.234	57.69052	0.625445	-85.989	142.4575
{11}-{15}	2*120	3*120	32.157	53.33868	0.547724	-73.450	137.7639
{11}-{16}	2*120	3*180	149.456	57.69052	0.010766	35.233	263.6793
{11}-{17}	2*120	4*30	24.909	57.69052	0.666685	-89.314	139.1322
{11}-{18}	2*120	4*60	-32.836	57.69052	0.570305	-147.059	81.3876
{11}-{19}	2*120	4*120	49.996	53.33868	0.350469	-55.611	155.6030
{11}-{20}	2*120	4*180	72.559	57.69052	0.210933	-41.664	186.7821
{12}-{13}	2*180	3*30	-10.111	57.69052	0.861167	-124.334	104.1121
{12}-{14}	2*180	3*60	19.299	57.69052	0.738568	-94.924	133.5221
{12}-{15}	2*180	3*120	23.222	57.69052	0.688017	-91.002	137.4448
{12}-{16}	2*180	3*180	140.521	53.33868	0.009537	34.914	246.1275
{12}-{17}	2*180	4*30	15.974	57.69052	0.782346	-98.250	130.1968
{12}-{18}	2*180	4*60	-41.771	57.69052	0.470442	-155.994	72.4522

{12}-{19}	2*180	4*120	41.061	57.69052	0.478006	-73.162	155.2840
{12}-{20}	2*180	4*180	63.623	53.33868	0.235293	-41.983	169.2303
{13}-{14}	3*30	3*60	29.410	56.31881	0.602490	-82.097	140.9173
{13}-{15}	3*30	3*120	33.333	56.31881	0.555060	-78.175	144.8400
{13}-{16}	3*30	3*180	150.632	56.31881	0.008525	39.124	262.1391
{13}-{17}	3*30	4*30	26.085	53.33868	0.625708	-79.522	131.6915
{13}-{18}	3*30	4*60	-31.660	57.69052	0.584170	-145.883	82.5633
{13}-{19}	3*30	4*120	51.172	57.69052	0.376850	-63.051	165.3951
{13}-{20}	3*30	4*180	73.735	57.69052	0.203679	-40.489	187.9578
{14}-{15}	3*60	3*120	3.923	56.31881	0.944586	-107.585	115.4301
{14}-{16}	3*60	3*180	121.222	56.31881	0.033366	9.714	232.7291
{14}-{17}	3*60	4*30	-3.325	57.69052	0.954130	-117.549	110.8979
{14}-{18}	3*60	4*60	-61.070	53.33868	0.254510	-166.677	44.5369
{14}-{19}	3*60	4*120	21.762	57.69052	0.706678	-92.461	135.9851
{14}-{20}	3*60	4*180	44.325	57.69052	0.443809	-69.899	158.5478
{15}-{16}	3*120	3*180	117.299	56.31881	0.039396	5.792	228.8064
{15}-{17}	3*120	4*30	-7.248	57.69052	0.900229	-121.471	106.9751
{15}-{18}	3*120	4*60	-64.993	57.69052	0.262170	-179.216	49.2306
{15}-{19}	3*120	4*120	17.839	53.33868	0.738623	-87.768	123.4460
{15}-{20}	3*120	4*180	40.402	57.69052	0.485083	-73.821	154.6251
{16}-{17}	3*180	4*30	-124.547	57.69052	0.032850	-238.770	-10.3239
{16}-{18}	3*180	4*60	-182.292	57.69052	0.001998	-296.515	-68.0685
{16}-{19}	3*180	4*120	-99.460	57.69052	0.087279	-213.683	14.7634
{16}-{20}	3*180	4*180	-76.897	53.33868	0.151998	-182.504	28.7097
{17}-{18}	4*30	4*60	-57.745	56.31881	0.307277	-169.252	53.7628
{17}-{19}	4*30	4*120	25.087	56.31881	0.656797	-86.420	136.5946

{17}-{20}	4*30	4*180	47.650	56.31881	0.399195	-63.857	159.1572
{18}-{19}	4*60	4*120	82.832	56.31881	0.143972	-28.676	194.3392
{18}-{20}	4*60	4*180	105.394	56.31881	0.063726	-6.113	216.9018
{19}-{20}	4*120	4*180	22.563	56.31881	0.689409	-88.945	134.0700

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 665.26	{2} - 636.64	{3} - 592.74	{4} - 534.68	{5} - 628.18	{6} - 696.43	{7} - 630.84	{8} - 422.53	{9} - 586.12	{10} - 575.41	{11} - 564.32	{12} - 391.19	{13} - 510.05	{14} - 503.04	{15} - 455.97	{16} - 498.48	{17} - 599.57	{18} - 585.17	{19} - 305.11	{20} - 281.39
1	0	30		0.775000	0.469342	0.193716	0.711218	0.755916	0.731353	0.016715	0.429927	0.370783	0.314880	0.007078	0.123028	0.107434	0.038500	0.098021	0.512206	0.424852	0.000462	0.000199
2	0	60	0.775000		0.661185	0.309544	0.932719	0.550804	0.953894	0.034320	0.614382	0.541236	0.471042	0.015563	0.208093	0.183787	0.073374	0.169747	0.711567	0.607500	0.001214	0.000548
3	0	120	0.469342	0.661185		0.562240	0.723729	0.301979	0.703663	0.091380	0.947301	0.862725	0.776596	0.046128	0.410031	0.371584	0.173697	0.347876	0.945675	0.939814	0.004737	0.002316
4	0	180	0.193716	0.309544	0.562240		0.351748	0.108463	0.338233	0.264012	0.607992	0.684548	0.767461	0.153670	0.805949	0.752295	0.432903	0.717854	0.517699	0.614577	0.023457	0.012549
5	1	30	0.711218	0.932719	0.723729	0.351748		0.495886	0.978751	0.041731	0.674585	0.598760	0.524384	0.019412	0.239534	0.213303	0.087697	0.197216	0.775168	0.667987	0.001597	0.000731
6	1	60	0.755916	0.550804	0.301979	0.108463	0.495886		0.512844	0.007056	0.272280	0.228297	0.189074	0.002801	0.064852	0.055326	0.017743	0.050098	0.334803	0.267828	0.000152	0.000063
7	1	120	0.731353	0.953894	0.703663	0.338233	0.978751	0.512844		0.039194	0.655531	0.580439	0.506889	0.018116	0.229537	0.203771	0.082703	0.188224	0.755059	0.648759	0.001453	0.000668
8	1	180	0.016715	0.034320	0.091380	0.264012	0.041731	0.007056	0.039194		0.104549	0.129012	0.158884	0.754404	0.383278	0.422445	0.738662	0.448726	0.079251	0.106541	0.242744	0.160463
9	2	30	0.429927	0.614382	0.947301	0.607992	0.674585	0.272280	0.655531	0.104549		0.914846	0.827681	0.053400	0.448075	0.407830	0.195691	0.382686	0.893131	0.992495	0.005795	0.002846
10	2	60	0.370783	0.541236	0.862725	0.684548	0.598760	0.228297	0.580439	0.129012	0.914846		0.911802	0.067688	0.514715	0.470356	0.234781	0.443326	0.809534	0.922336	0.007881	0.003943
11	2	120	0.314880	0.471042	0.776596	0.767461	0.524384	0.189074	0.506889	0.158884	0.827681	0.911802		0.085711	0.588433	0.541229	0.280472	0.511639	0.725124	0.835192	0.010675	0.005479
12	2	180	0.007078	0.015563	0.046128	0.153670	0.019412	0.002801	0.018116	0.754404	0.053400	0.067688	0.085711		0.237032	0.265700	0.518421	0.285162	0.039339	0.054794	0.391150	0.274098
13	3	30	0.123028	0.208093	0.410031	0.805949	0.239534	0.064852	0.229537	0.383278	0.448075	0.514715	0.588433	0.237032		0.944141	0.589343	0.908004	0.372176	0.454082	0.042640	0.023999
14	3	60	0.107434	0.183787	0.371584	0.752295	0.213303	0.055326	0.203771	0.422445	0.407830	0.470356	0.541229	0.265700	0.944141		0.638474	0.963715	0.336410	0.412769	0.050120	0.028576
15	3	120	0.038500	0.073374	0.173697	0.432903	0.087697	0.017743	0.082703	0.738662	0.195691	0.234781	0.280472	0.518421	0.589343	0.638474		0.671276	0.153691	0.198926	0.133776	0.083461



16	3	180	0.098021	0.169747	0.347876	0.717854	0.197216	0.050098	0.188224	0.448726	0.382686	0.443326	0.511639	0.285162	0.908004	0.963715	0.671276		0.314197	0.387810	0.055550	0.031800
17	4	30	0.512206	0.711567	0.945675	0.517699	0.775168	0.334803	0.755059	0.079251	0.893131	0.809534	0.725124	0.039339	0.372176	0.336410	0.153691	0.314197		0.885668	0.003855	0.001848
18	4	60	0.424852	0.607500	0.939814	0.614577	0.667987	0.267828	0.648759	0.106541	0.992495	0.922336	0.835192	0.054794	0.454082	0.412769	0.198926	0.387810	0.885668		0.005906	0.002901
19	4	120	0.000462	0.001214	0.004737	0.023457	0.001597	0.000152	0.001453	0.242744	0.005795	0.007881	0.010675	0.391150	0.042640	0.050120	0.133776	0.055550	0.003855	0.005906		0.812760
20	4	180	0.000199	0.000548	0.002316	0.012549	0.000731	0.000063	0.000668	0.160463	0.002846	0.003943	0.005479	0.274098	0.023999	0.028576	0.083461	0.031800	0.001848	0.002901	0.812760	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	28.624	99.9156	0.775000	-169.201	226.4504
{1}-{3}	0*30	0*120	72.524	99.9156	0.469342	-125.302	270.3500
{1}-{4}	0*30	0*180	130.588	99.9156	0.193716	-67.237	328.4144
{1}-{5}	0*30	1*30	37.086	99.9364	0.711218	-160.781	234.9533
{1}-{6}	0*30	1*60	-31.162	100.0194	0.755916	-229.194	166.8695
{1}-{7}	0*30	1*120	34.419	100.0194	0.731353	-163.612	232.4510
{1}-{8}	0*30	1*180	242.738	100.0194	0.016715	44.707	440.7699
{1}-{9}	0*30	2*30	79.149	99.9364	0.429927	-118.718	277.0160
{1}-{10}	0*30	2*60	89.855	100.0194	0.370783	-108.176	287.8868
{1}-{11}	0*30	2*120	100.946	100.0194	0.314880	-97.086	298.9773
{1}-{12}	0*30	2*180	274.074	100.0194	0.007078	76.042	472.1053
{1}-{13}	0*30	3*30	155.213	99.9364	0.123028	-42.654	353.0802
{1}-{14}	0*30	3*60	162.229	100.0194	0.107434	-35.803	360.2601

{1}-{15}	0*30	3*120	209.292	100.0194	0.038500	11.260	407.3234
{1}-{16}	0*30	3*180	166.783	100.0194	0.098021	-31.248	364.8150
{1}-{17}	0*30	4*30	65.695	99.9364	0.512206	-132.172	263.5617
{1}-{18}	0*30	4*60	80.092	100.0194	0.424852	-117.940	278.1233
{1}-{19}	0*30	4*120	360.155	100.0194	0.000462	162.124	558.1866
{1}-{20}	0*30	4*180	383.874	100.0194	0.000199	185.842	581.9055
{2}-{3}	0*60	0*120	43.900	99.9156	0.661185	-153.926	241.7256
{2}-{4}	0*60	0*180	101.964	99.9156	0.309544	-95.862	299.7899
{2}-{5}	0*60	1*30	8.462	100.0194	0.932719	-189.570	206.4933
{2}-{6}	0*60	1*60	-59.786	99.9364	0.550804	-257.654	138.0806
{2}-{7}	0*60	1*120	5.795	100.0194	0.953894	-192.237	203.8266
{2}-{8}	0*60	1*180	214.114	100.0194	0.034320	16.082	412.1454
{2}-{9}	0*60	2*30	50.524	100.0194	0.614382	-147.507	248.5560
{2}-{10}	0*60	2*60	61.231	99.9364	0.541236	-136.636	259.0978
{2}-{11}	0*60	2*120	72.321	100.0194	0.471042	-125.710	270.3529
{2}-{12}	0*60	2*180	245.449	100.0194	0.015563	47.418	443.4808
{2}-{13}	0*60	3*30	126.589	100.0194	0.208093	-71.443	324.6203
{2}-{14}	0*60	3*60	133.604	99.9364	0.183787	-64.263	331.4712
{2}-{15}	0*60	3*120	180.667	100.0194	0.073374	-17.364	378.6989
{2}-{16}	0*60	3*180	138.159	100.0194	0.169747	-59.873	336.1905
{2}-{17}	0*60	4*30	37.070	100.0194	0.711567	-160.961	235.1017
{2}-{18}	0*60	4*60	51.467	99.9364	0.607500	-146.400	249.3344
{2}-{19}	0*60	4*120	331.531	100.0194	0.001214	133.499	529.5622
{2}-{20}	0*60	4*180	355.249	100.0194	0.000548	157.218	553.2810
{3}-{4}	0*120	0*180	58.064	99.9156	0.562240	-139.762	255.8903
{3}-{5}	0*120	1*30	-35.438	100.0194	0.723729	-233.469	162.5937

{3}-{6}	0*120	1*60	-103.686	100.0194	0.301979	-301.718	94.3454
{3}-{7}	0*120	1*120	-38.105	99.9364	0.703663	-235.972	159.7624
{3}-{8}	0*120	1*180	170.214	100.0194	0.091380	-27.817	368.2458
{3}-{9}	0*120	2*30	6.625	100.0194	0.947301	-191.407	204.6564
{3}-{10}	0*120	2*60	17.331	100.0194	0.862725	-180.700	215.3626
{3}-{11}	0*120	2*120	28.422	99.9364	0.776596	-169.445	226.2887
{3}-{12}	0*120	2*180	201.550	100.0194	0.046128	3.518	399.5812
{3}-{13}	0*120	3*30	82.689	100.0194	0.410031	-115.342	280.7206
{3}-{14}	0*120	3*60	89.704	100.0194	0.371584	-108.327	287.7360
{3}-{15}	0*120	3*120	136.768	99.9364	0.173697	-61.099	334.6348
{3}-{16}	0*120	3*180	94.259	100.0194	0.347876	-103.772	292.2909
{3}-{17}	0*120	4*30	-6.830	100.0194	0.945675	-204.861	191.2020
{3}-{18}	0*120	4*60	7.568	100.0194	0.939814	-190.464	205.5992
{3}-{19}	0*120	4*120	287.631	99.9364	0.004737	89.764	485.4980
{3}-{20}	0*120	4*180	311.350	100.0194	0.002316	113.318	509.3814
{4}-{5}	0*180	1*30	-93.502	100.0194	0.351748	-291.534	104.5293
{4}-{6}	0*180	1*60	-161.750	100.0194	0.108463	-359.782	36.2811
{4}-{7}	0*180	1*120	-96.169	100.0194	0.338233	-294.201	101.8626
{4}-{8}	0*180	1*180	112.150	99.9364	0.264012	-85.717	310.0170
{4}-{9}	0*180	2*30	-51.440	100.0194	0.607992	-249.471	146.5920
{4}-{10}	0*180	2*60	-40.733	100.0194	0.684548	-238.765	157.2983
{4}-{11}	0*180	2*120	-29.643	100.0194	0.767461	-227.674	168.3889
{4}-{12}	0*180	2*180	143.485	99.9364	0.153670	-54.382	341.3524
{4}-{13}	0*180	3*30	24.625	100.0194	0.805949	-173.407	222.6563
{4}-{14}	0*180	3*60	31.640	100.0194	0.752295	-166.391	229.6716
{4}-{15}	0*180	3*120	78.703	100.0194	0.432903	-119.328	276.7349

{4}-{16}	0*180	3*180	36.195	99.9364	0.717854	-161.672	234.0621
{4}-{17}	0*180	4*30	-64.894	100.0194	0.517699	-262.925	133.1377
{4}-{18}	0*180	4*60	-50.497	100.0194	0.614577	-248.528	147.5349
{4}-{19}	0*180	4*120	229.567	100.0194	0.023457	31.535	427.5982
{4}-{20}	0*180	4*180	253.285	99.9364	0.012549	55.418	451.1526
{5}-{6}	1*30	1*60	-68.248	99.9156	0.495886	-266.074	129.5777
{5}-{7}	1*30	1*120	-2.667	99.9156	0.978751	-200.493	195.1591
{5}-{8}	1*30	1*180	205.652	99.9156	0.041731	7.826	403.4780
{5}-{9}	1*30	2*30	42.063	99.9364	0.674585	-155.804	239.9298
{5}-{10}	1*30	2*60	52.769	100.0194	0.598760	-145.263	250.8005
{5}-{11}	1*30	2*120	63.860	100.0194	0.524384	-134.172	261.8911
{5}-{12}	1*30	2*180	236.988	100.0194	0.019412	38.956	435.0191
{5}-{13}	1*30	3*30	118.127	99.9364	0.239534	-79.740	315.9940
{5}-{14}	1*30	3*60	125.142	100.0194	0.213303	-72.889	323.1738
{5}-{15}	1*30	3*120	172.206	100.0194	0.087697	-25.826	370.2371
{5}-{16}	1*30	3*180	129.697	100.0194	0.197216	-68.334	327.7288
{5}-{17}	1*30	4*30	28.608	99.9364	0.775168	-169.259	226.4754
{5}-{18}	1*30	4*60	43.006	100.0194	0.667987	-155.026	241.0371
{5}-{19}	1*30	4*120	323.069	100.0194	0.001597	125.037	521.1004
{5}-{20}	1*30	4*180	346.788	100.0194	0.000731	148.756	544.8192
{6}-{7}	1*60	1*120	65.581	99.9156	0.512844	-132.244	263.4074
{6}-{8}	1*60	1*180	273.900	99.9156	0.007056	76.074	471.7263
{6}-{9}	1*60	2*30	110.311	100.0194	0.272280	-87.721	308.3425
{6}-{10}	1*60	2*60	121.017	99.9364	0.228297	-76.850	318.8843
{6}-{11}	1*60	2*120	132.108	100.0194	0.189074	-65.924	330.1394
{6}-{12}	1*60	2*180	305.236	100.0194	0.002801	107.204	503.2673

{6}-{13}	1*60	3*30	186.375	100.0194	0.064852	-11.656	384.4068
{6}-{14}	1*60	3*60	193.391	99.9364	0.055326	-4.476	391.2576
{6}-{15}	1*60	3*120	240.454	100.0194	0.017743	42.422	438.4854
{6}-{16}	1*60	3*180	197.945	100.0194	0.050098	-0.086	395.9770
{6}-{17}	1*60	4*30	96.857	100.0194	0.334803	-101.175	294.8882
{6}-{18}	1*60	4*60	111.254	99.9364	0.267828	-86.613	309.1209
{6}-{19}	1*60	4*120	391.317	100.0194	0.000152	193.286	589.3486
{6}-{20}	1*60	4*180	415.036	100.0194	0.000063	217.004	613.0675
{7}-{8}	1*120	1*180	208.319	99.9156	0.039194	10.493	406.1448
{7}-{9}	1*120	2*30	44.729	100.0194	0.655531	-153.302	242.7610
{7}-{10}	1*120	2*60	55.436	100.0194	0.580439	-142.596	253.4673
{7}-{11}	1*120	2*120	66.526	99.9364	0.506889	-131.341	264.3934
{7}-{12}	1*120	2*180	239.654	100.0194	0.018116	41.623	437.6858
{7}-{13}	1*120	3*30	120.794	100.0194	0.229537	-77.238	318.8253
{7}-{14}	1*120	3*60	127.809	100.0194	0.203771	-70.222	325.8406
{7}-{15}	1*120	3*120	174.872	99.9364	0.082703	-22.995	372.7395
{7}-{16}	1*120	3*180	132.364	100.0194	0.188224	-65.668	330.3955
{7}-{17}	1*120	4*30	31.275	100.0194	0.755059	-166.756	229.3067
{7}-{18}	1*120	4*60	45.672	100.0194	0.648759	-152.359	243.7038
{7}-{19}	1*120	4*120	325.736	99.9364	0.001453	127.869	523.6027
{7}-{20}	1*120	4*180	349.454	100.0194	0.000668	151.423	547.4860
{8}-{9}	1*180	2*30	-163.589	100.0194	0.104549	-361.621	34.4421
{8}-{10}	1*180	2*60	-152.883	100.0194	0.129012	-350.915	45.1484
{8}-{11}	1*180	2*120	-141.793	100.0194	0.158884	-339.824	56.2390
{8}-{12}	1*180	2*180	31.335	99.9364	0.754404	-166.532	229.2025
{8}-{13}	1*180	3*30	-87.525	100.0194	0.383278	-285.557	110.5064

{8}-{14}	1*180	3*60	-80.510	100.0194	0.422445	-278.541	117.5218
{8}-{15}	1*180	3*120	-33.446	100.0194	0.738662	-231.478	164.5851
{8}-{16}	1*180	3*180	-75.955	99.9364	0.448726	-273.822	121.9122
{8}-{17}	1*180	4*30	-177.044	100.0194	0.079251	-375.075	20.9878
{8}-{18}	1*180	4*60	-162.647	100.0194	0.106541	-360.678	35.3850
{8}-{19}	1*180	4*120	117.417	100.0194	0.242744	-80.615	315.4483
{8}-{20}	1*180	4*180	141.136	99.9364	0.160463	-56.731	339.0027
{9}-{10}	2*30	2*60	10.706	99.9156	0.914846	-187.120	208.5322
{9}-{11}	2*30	2*120	21.797	99.9156	0.827681	-176.029	219.6228
{9}-{12}	2*30	2*180	194.925	99.9156	0.053400	-2.901	392.7507
{9}-{13}	2*30	3*30	76.064	99.9364	0.448075	-121.803	273.9313
{9}-{14}	2*30	3*60	83.080	100.0194	0.407830	-114.952	281.1112
{9}-{15}	2*30	3*120	130.143	100.0194	0.195691	-67.889	328.1745
{9}-{16}	2*30	3*180	87.635	100.0194	0.382686	-110.397	285.6661
{9}-{17}	2*30	4*30	-13.454	99.9364	0.893131	-211.321	184.4127
{9}-{18}	2*30	4*60	0.943	100.0194	0.992495	-197.089	198.9744
{9}-{19}	2*30	4*120	281.006	100.0194	0.005795	82.975	479.0377
{9}-{20}	2*30	4*180	304.725	100.0194	0.002846	106.693	502.7566
{10}-{11}	2*60	2*120	11.091	99.9156	0.911802	-186.735	208.9165
{10}-{12}	2*60	2*180	184.219	99.9156	0.067688	-13.607	382.0445
{10}-{13}	2*60	3*30	65.358	100.0194	0.514715	-132.674	263.3895
{10}-{14}	2*60	3*60	72.373	99.9364	0.470356	-125.494	270.2404
{10}-{15}	2*60	3*120	119.437	100.0194	0.234781	-78.595	317.4682
{10}-{16}	2*60	3*180	76.928	100.0194	0.443326	-121.103	274.9598
{10}-{17}	2*60	4*30	-24.161	100.0194	0.809534	-222.192	173.8709
{10}-{18}	2*60	4*60	-9.763	99.9364	0.922336	-207.631	188.1036

{10}-{19}	2*60	4*120	270.300	100.0194	0.007881	72.268	468.3314
{10}-{20}	2*60	4*180	294.019	100.0194	0.003943	95.987	492.0503
{11}-{12}	2*120	2*180	173.128	99.9156	0.085711	-24.698	370.9539
{11}-{13}	2*120	3*30	54.267	100.0194	0.588433	-143.764	252.2989
{11}-{14}	2*120	3*60	61.283	100.0194	0.541229	-136.749	259.3143
{11}-{15}	2*120	3*120	108.346	99.9364	0.280472	-89.521	306.2131
{11}-{16}	2*120	3*180	65.838	100.0194	0.511639	-132.194	263.8692
{11}-{17}	2*120	4*30	-35.251	100.0194	0.725124	-233.283	162.7803
{11}-{18}	2*120	4*60	-20.854	100.0194	0.835192	-218.886	177.1775
{11}-{19}	2*120	4*120	259.209	99.9364	0.010675	61.342	457.0763
{11}-{20}	2*120	4*180	282.928	100.0194	0.005479	84.897	480.9597
{12}-{13}	2*180	3*30	-118.861	100.0194	0.237032	-316.892	79.1710
{12}-{14}	2*180	3*60	-111.845	100.0194	0.265700	-309.877	86.1863
{12}-{15}	2*180	3*120	-64.782	100.0194	0.518421	-262.813	133.2496
{12}-{16}	2*180	3*180	-107.290	99.9364	0.285162	-305.157	90.5768
{12}-{17}	2*180	4*30	-208.379	100.0194	0.039339	-406.411	-10.3476
{12}-{18}	2*180	4*60	-193.982	100.0194	0.054794	-392.014	4.0496
{12}-{19}	2*180	4*120	86.081	100.0194	0.391150	-111.950	284.1129
{12}-{20}	2*180	4*180	109.800	99.9364	0.274098	-88.067	307.6673
{13}-{14}	3*30	3*60	7.015	99.9156	0.944141	-190.811	204.8413
{13}-{15}	3*30	3*120	54.079	99.9156	0.589343	-143.747	251.9046
{13}-{16}	3*30	3*180	11.570	99.9156	0.908004	-186.256	209.3962
{13}-{17}	3*30	4*30	-89.519	99.9364	0.372176	-287.386	108.3485
{13}-{18}	3*30	4*60	-75.121	100.0194	0.454082	-273.153	122.9101
{13}-{19}	3*30	4*120	204.942	100.0194	0.042640	6.910	402.9734
{13}-{20}	3*30	4*180	228.661	100.0194	0.023999	30.629	426.6923

{14}-{15}	3*60	3*120	47.063	99.9156	0.638474	-150.763	244.8892
{14}-{16}	3*60	3*180	4.555	99.9156	0.963715	-193.271	202.3808
{14}-{17}	3*60	4*30	-96.534	100.0194	0.336410	-294.566	101.4976
{14}-{18}	3*60	4*60	-82.137	99.9364	0.412769	-280.004	115.7303
{14}-{19}	3*60	4*120	197.927	100.0194	0.050120	-0.105	395.9581
{14}-{20}	3*60	4*180	221.645	100.0194	0.028576	23.614	419.6769
{15}-{16}	3*120	3*180	-42.508	99.9156	0.671276	-240.334	155.3175
{15}-{17}	3*120	4*30	-143.597	100.0194	0.153691	-341.629	54.4343
{15}-{18}	3*120	4*60	-129.200	100.0194	0.198926	-327.232	68.8315
{15}-{19}	3*120	4*120	150.863	99.9364	0.133776	-47.004	348.7303
{15}-{20}	3*120	4*180	174.582	100.0194	0.083461	-23.449	372.6136
{16}-{17}	3*180	4*30	-101.089	100.0194	0.314197	-299.120	96.9427
{16}-{18}	3*180	4*60	-86.692	100.0194	0.387810	-284.723	111.3399
{16}-{19}	3*180	4*120	193.372	100.0194	0.055550	-4.660	391.4032
{16}-{20}	3*180	4*180	217.090	99.9364	0.031800	19.223	414.9576
{17}-{18}	4*30	4*60	14.397	99.9156	0.885668	-183.429	212.2231
{17}-{19}	4*30	4*120	294.460	99.9156	0.003855	96.635	492.2864
{17}-{20}	4*30	4*180	318.179	99.9156	0.001848	120.353	516.0053
{18}-{19}	4*60	4*120	280.063	99.9156	0.005906	82.237	477.8892
{18}-{20}	4*60	4*180	303.782	99.9156	0.002901	105.956	501.6081
{19}-{20}	4*120	4*180	23.719	99.9156	0.812760	-174.107	221.5448

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Concentration_New	Time Point	{1} - 85.320	{2} - 94.976	{3} - 89.299	{4} - 75.784	{5} - 95.921	{6} - 80.477	{7} - 78.145	{8} - 69.003	{9} - 79.751	{10} - 72.944	{11} - 74.375	{12} - 73.151	{13} - 81.545	{14} - 78.274	{15} - 72.242	{16} - 60.281	{17} - 77.562	{18} - 78.409	{19} - 62.086	{20} - 57.607
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Cell No.																						
1	0	30		0.206157	0.601431	0.211822	0.171552	0.590172	0.425224	0.071304	0.471382	0.170097	0.224654	0.177316	0.625169	0.433547	0.147320	0.006092	0.316149	0.442385	0.010754	0.002484
2	0	60	0.206157		0.456314	0.012828	0.916259	0.062373	0.062947	0.004485	0.092117	0.005019	0.023327	0.016410	0.136790	0.032206	0.012519	0.000178	0.054469	0.033598	0.000366	0.000058
3	0	120	0.601431	0.456314		0.077772	0.461631	0.327217	0.150475	0.025410	0.289131	0.070656	0.055191	0.074253	0.388922	0.221293	0.028785	0.001567	0.193061	0.226965	0.000589	0.000582
4	0	180	0.211822	0.012828	0.077772		0.026552	0.601633	0.792725	0.380748	0.658959	0.752019	0.875462	0.733297	0.521788	0.781719	0.693541	0.046528	0.843171	0.770217	0.129243	0.019974
5	1	30	0.171552	0.916259	0.461631	0.026552		0.044271	0.020943	0.000564	0.038005	0.011631	0.017803	0.012386	0.064588	0.051371	0.009373	0.000121	0.018787	0.053150	0.000252	0.000039
6	1	60	0.590172	0.062373	0.327217	0.601633	0.044271		0.759389	0.133574	0.935586	0.330316	0.497499	0.415547	0.905443	0.775449	0.360228	0.026123	0.745617	0.788862	0.042440	0.012015
7	1	120	0.425224	0.062947	0.150475	0.792725	0.020943	0.759389		0.231189	0.858168	0.562959	0.625645	0.578618	0.705270	0.988581	0.445206	0.048620	0.948209	0.976600	0.039315	0.023743
8	1	180	0.071304	0.004485	0.025410	0.380748	0.000564	0.133574	0.231189		0.233032	0.661105	0.550221	0.591419	0.164494	0.303270	0.718602	0.260057	0.341775	0.296316	0.441974	0.141878
9	2	30	0.471382	0.092117	0.289131	0.658959	0.038005	0.935586	0.858168	0.233032		0.372015	0.480549	0.386721	0.816378	0.869418	0.404001	0.031878	0.776832	0.881254	0.051135	0.014937
10	2	60	0.170097	0.005019	0.070656	0.752019	0.011631	0.330316	0.562959	0.661105	0.372015		0.850855	0.978253	0.339395	0.490559	0.937719	0.160500	0.607520	0.479665	0.228313	0.089785
11	2	120	0.224654	0.023327	0.055191	0.875462	0.017803	0.497499	0.625645	0.550221	0.480549	0.850855		0.872272	0.425558	0.664516	0.782387	0.118636	0.722968	0.653657	0.113450	0.063922
12	2	180	0.177316	0.016410	0.074253	0.733297	0.012386	0.415547	0.578618	0.591419	0.386721	0.978253	0.872272		0.351132	0.568890	0.919368	0.097560	0.623739	0.558766	0.219599	0.045950
13	3	30	0.625169	0.136790	0.388922	0.521788	0.064588	0.905443	0.705270	0.164494	0.816378	0.339395	0.425558	0.351132		0.667560	0.223132	0.005976	0.606243	0.727157	0.031971	0.008648
14	3	60	0.433547	0.032206	0.221293	0.781719	0.051371	0.775449	0.988581	0.303270	0.869418	0.490559	0.664516	0.568890	0.667560		0.428751	0.019463	0.936820	0.986058	0.073534	0.022899
15	3	120	0.147320	0.012519	0.028785	0.693541	0.009373	0.360228	0.445206	0.718602	0.404001	0.937719	0.782387	0.919368	0.223132	0.428751		0.118035	0.554115	0.492933	0.190117	0.105291
16	3	180	0.006092	0.000178	0.001567	0.046528	0.000121	0.026123	0.048620	0.260057	0.031878	0.160500	0.118636	0.097560	0.005976	0.019463	0.118035		0.056331	0.045444	0.840860	0.729231
17	4	30	0.316149	0.054469	0.193061	0.843171	0.018787	0.745617	0.948209	0.341775	0.776832	0.607520	0.722968	0.623739	0.606243	0.936820	0.554115	0.056331		0.911387	0.043839	0.009748
18	4	60	0.442385	0.033598	0.226965	0.770217	0.053150	0.788862	0.976600	0.296316	0.881254	0.479665	0.653657	0.558766	0.727157	0.986058	0.492933	0.045444	0.911387		0.033672	0.007120
19	4	120	0.010754	0.000366	0.000589	0.129243	0.000252	0.042440	0.039315	0.441974	0.051135	0.228313	0.113450	0.219599	0.031971	0.073534	0.190117	0.840860	0.043839	0.033672		0.556621
20	4	180	0.002484	0.000058	0.000582	0.019974	0.000039	0.012015	0.023743	0.141878	0.014937	0.089785	0.063922	0.045950	0.008648	0.022899	0.105291	0.729231	0.009748	0.007120	0.556621	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	-9.6563	7.596931	0.206157	-24.6977	5.38506
{1}-{3}	0*30	0*120	-3.9788	7.596931	0.601431	-19.0202	11.06264
{1}-{4}	0*30	0*180	9.5362	7.596931	0.211822	-5.5052	24.57755
{1}-{5}	0*30	1*30	-10.6012	7.707377	0.171552	-25.8612	4.65890
{1}-{6}	0*30	1*60	4.8425	8.966946	0.590172	-12.9114	22.59642
{1}-{7}	0*30	1*120	7.1746	8.966946	0.425224	-10.5793	24.92854
{1}-{8}	0*30	1*180	16.3168	8.966946	0.071304	-1.4371	34.07072
{1}-{9}	0*30	2*30	5.5687	7.707377	0.471382	-9.6914	20.82878
{1}-{10}	0*30	2*60	12.3760	8.966946	0.170097	-5.3779	30.12994
{1}-{11}	0*30	2*120	10.9445	8.966946	0.224654	-6.8094	28.69843
{1}-{12}	0*30	2*180	12.1685	8.966946	0.177316	-5.5854	29.92243
{1}-{13}	0*30	3*30	3.7751	7.707377	0.625169	-11.4850	19.03515
{1}-{14}	0*30	3*60	7.0460	8.966946	0.433547	-10.7079	24.79994
{1}-{15}	0*30	3*120	13.0781	8.966946	0.147320	-4.6758	30.83207
{1}-{16}	0*30	3*180	25.0385	8.966946	0.006092	7.2846	42.79243
{1}-{17}	0*30	4*30	7.7583	7.707377	0.316149	-7.5018	23.01837
{1}-{18}	0*30	4*60	6.9111	8.966946	0.442385	-10.8429	24.66498
{1}-{19}	0*30	4*120	23.2341	8.966946	0.010754	5.4802	40.98801
{1}-{20}	0*30	4*180	27.7126	8.966946	0.002484	9.9587	45.46656
{2}-{3}	0*60	0*120	5.6776	7.596931	0.456314	-9.3638	20.71897
{2}-{4}	0*60	0*180	19.1925	7.596931	0.012828	4.1511	34.23388
{2}-{5}	0*60	1*30	-0.9448	8.966946	0.916259	-18.6988	16.80909
{2}-{6}	0*60	1*60	14.4988	7.707377	0.062373	-0.7612	29.75890

{2}-{7}	0*60	1*120	16.8309	8.966946	0.062947	-0.9230	34.58488
{2}-{8}	0*60	1*180	25.9731	8.966946	0.004485	8.2192	43.72706
{2}-{9}	0*60	2*30	15.2250	8.966946	0.092117	-2.5289	32.97897
{2}-{10}	0*60	2*60	22.0323	7.707377	0.005019	6.7723	37.29242
{2}-{11}	0*60	2*120	20.6008	8.966946	0.023327	2.8469	38.35476
{2}-{12}	0*60	2*180	21.8248	8.966946	0.016410	4.0709	39.57876
{2}-{13}	0*60	3*30	13.4314	8.966946	0.136790	-4.3225	31.18534
{2}-{14}	0*60	3*60	16.7023	7.707377	0.032206	1.4423	31.96242
{2}-{15}	0*60	3*120	22.7345	8.966946	0.012519	4.9805	40.48840
{2}-{16}	0*60	3*180	34.6948	8.966946	0.000178	16.9409	52.44876
{2}-{17}	0*60	4*30	17.4146	8.966946	0.054469	-0.3393	35.16856
{2}-{18}	0*60	4*60	16.5674	7.707377	0.033598	1.3073	31.82746
{2}-{19}	0*60	4*120	32.8904	8.966946	0.000366	15.1365	50.64435
{2}-{20}	0*60	4*180	37.3690	8.966946	0.000058	19.6150	55.12289
{3}-{4}	0*120	0*180	13.5149	7.596931	0.077772	-1.5265	28.55630
{3}-{5}	0*120	1*30	-6.6224	8.966946	0.461631	-24.3763	11.13151
{3}-{6}	0*120	1*60	8.8212	8.966946	0.327217	-8.9327	26.57518
{3}-{7}	0*120	1*120	11.1534	7.707377	0.150475	-4.1067	26.41344
{3}-{8}	0*120	1*180	20.2956	8.966946	0.025410	2.5416	38.04948
{3}-{9}	0*120	2*30	9.5475	8.966946	0.289131	-8.2065	27.30140
{3}-{10}	0*120	2*60	16.3548	8.966946	0.070656	-1.3992	34.10870
{3}-{11}	0*120	2*120	14.9233	7.707377	0.055191	-0.3368	30.18333
{3}-{12}	0*120	2*180	16.1473	8.966946	0.074253	-1.6067	33.90119
{3}-{13}	0*120	3*30	7.7538	8.966946	0.388922	-10.0001	25.50776
{3}-{14}	0*120	3*60	11.0248	8.966946	0.221293	-6.7292	28.77870
{3}-{15}	0*120	3*120	17.0569	7.707377	0.028785	1.7968	32.31696

{3}-{16}	0*120	3*180	29.0173	8.966946	0.001567	11.2633	46.77119
{3}-{17}	0*120	4*30	11.7371	8.966946	0.193061	-6.0169	29.49098
{3}-{18}	0*120	4*60	10.8898	8.966946	0.226965	-6.8641	28.64374
{3}-{19}	0*120	4*120	27.2128	7.707377	0.000589	11.9528	42.47291
{3}-{20}	0*120	4*180	31.6914	8.966946	0.000582	13.9375	49.44532
{4}-{5}	0*180	1*30	-20.1373	8.966946	0.026552	-37.8913	-2.38340
{4}-{6}	0*180	1*60	-4.6937	8.966946	0.601633	-22.4476	13.06027
{4}-{7}	0*180	1*120	-2.3615	8.966946	0.792725	-20.1155	15.39239
{4}-{8}	0*180	1*180	6.7806	7.707377	0.380748	-8.4794	22.04071
{4}-{9}	0*180	2*30	-3.9674	8.966946	0.658959	-21.7214	13.78649
{4}-{10}	0*180	2*60	2.8399	8.966946	0.752019	-14.9141	20.59379
{4}-{11}	0*180	2*120	1.4083	8.966946	0.875462	-16.3456	19.16228
{4}-{12}	0*180	2*180	2.6323	7.707377	0.733297	-12.6277	17.89242
{4}-{13}	0*180	3*30	-5.7611	8.966946	0.521788	-23.5150	11.99285
{4}-{14}	0*180	3*60	-2.4901	8.966946	0.781719	-20.2441	15.26379
{4}-{15}	0*180	3*120	3.5420	8.966946	0.693541	-14.2119	21.29591
{4}-{16}	0*180	3*180	15.5023	7.707377	0.046528	0.2423	30.76242
{4}-{17}	0*180	4*30	-1.7779	8.966946	0.843171	-19.5318	15.97607
{4}-{18}	0*180	4*60	-2.6251	8.966946	0.770217	-20.3790	15.12883
{4}-{19}	0*180	4*120	13.6979	8.966946	0.129243	-4.0560	31.45186
{4}-{20}	0*180	4*180	18.1765	7.707377	0.019974	2.9164	33.43655
{5}-{6}	1*30	1*60	15.4437	7.596931	0.044271	0.4023	30.48506
{5}-{7}	1*30	1*120	17.7758	7.596931	0.020943	2.7344	32.81718
{5}-{8}	1*30	1*180	26.9180	7.596931	0.000564	11.8766	41.95937
{5}-{9}	1*30	2*30	16.1699	7.707377	0.038005	0.9098	31.42996
{5}-{10}	1*30	2*60	22.9772	8.966946	0.011631	5.2233	40.73112

{5}-{11}	1*30	2*120	21.5457	8.966946	0.017803	3.7917	39.29960
{5}-{12}	1*30	2*180	22.7697	8.966946	0.012386	5.0157	40.52360
{5}-{13}	1*30	3*30	14.3762	7.707377	0.064588	-0.8838	29.63632
{5}-{14}	1*30	3*60	17.6472	8.966946	0.051371	-0.1067	35.40112
{5}-{15}	1*30	3*120	23.6793	8.966946	0.009373	5.9254	41.43324
{5}-{16}	1*30	3*180	35.6397	8.966946	0.000121	17.8857	53.39360
{5}-{17}	1*30	4*30	18.3595	7.707377	0.018787	3.0994	33.61954
{5}-{18}	1*30	4*60	17.5122	8.966946	0.053150	-0.2417	35.26616
{5}-{19}	1*30	4*120	33.8353	8.966946	0.000252	16.0813	51.58919
{5}-{20}	1*30	4*180	38.3138	8.966946	0.000039	20.5599	56.06773
{6}-{7}	1*60	1*120	2.3321	7.596931	0.759389	-12.7093	17.37352
{6}-{8}	1*60	1*180	11.4743	7.596931	0.133574	-3.5671	26.51570
{6}-{9}	1*60	2*30	0.7262	8.966946	0.935586	-17.0277	18.48015
{6}-{10}	1*60	2*60	7.5335	7.707377	0.330316	-7.7265	22.79359
{6}-{11}	1*60	2*120	6.1020	8.966946	0.497499	-11.6519	23.85594
{6}-{12}	1*60	2*180	7.3260	8.966946	0.415547	-10.4279	25.07994
{6}-{13}	1*60	3*30	-1.0674	8.966946	0.905443	-18.8213	16.68651
{6}-{14}	1*60	3*60	2.2035	7.707377	0.775449	-13.0565	17.46359
{6}-{15}	1*60	3*120	8.2356	8.966946	0.360228	-9.5183	25.98957
{6}-{16}	1*60	3*180	20.1960	8.966946	0.026123	2.4421	37.94994
{6}-{17}	1*60	4*30	2.9158	8.966946	0.745617	-14.8381	20.66973
{6}-{18}	1*60	4*60	2.0686	7.707377	0.788862	-13.1915	17.32863
{6}-{19}	1*60	4*120	18.3916	8.966946	0.042440	0.6377	36.14552
{6}-{20}	1*60	4*180	22.8701	8.966946	0.012015	5.1162	40.62407
{7}-{8}	1*120	1*180	9.1422	7.596931	0.231189	-5.8992	24.18358
{7}-{9}	1*120	2*30	-1.6059	8.966946	0.858168	-19.3598	16.14803

{7}-{10}	1*120	2*60	5.2014	8.966946	0.562959	-12.5525	22.95533
{7}-{11}	1*120	2*120	3.7699	7.707377	0.625645	-11.4902	19.02996
{7}-{12}	1*120	2*180	4.9939	8.966946	0.578618	-12.7600	22.74782
{7}-{13}	1*120	3*30	-3.3995	8.966946	0.705270	-21.1535	14.35439
{7}-{14}	1*120	3*60	-0.1286	8.966946	0.988581	-17.8825	17.62533
{7}-{15}	1*120	3*120	5.9035	7.707377	0.445206	-9.3565	21.16359
{7}-{16}	1*120	3*180	17.8639	8.966946	0.048620	0.1100	35.61782
{7}-{17}	1*120	4*30	0.5837	8.966946	0.948209	-17.1702	18.33761
{7}-{18}	1*120	4*60	-0.2636	8.966946	0.976600	-18.0175	17.49037
{7}-{19}	1*120	4*120	16.0595	7.707377	0.039315	0.7994	31.31954
{7}-{20}	1*120	4*180	20.5380	8.966946	0.023743	2.7841	38.29194
{8}-{9}	1*180	2*30	-10.7481	8.966946	0.233032	-28.5020	7.00585
{8}-{10}	1*180	2*60	-3.9408	8.966946	0.661105	-21.6947	13.81315
{8}-{11}	1*180	2*120	-5.3723	8.966946	0.550221	-23.1262	12.38163
{8}-{12}	1*180	2*180	-4.1483	7.707377	0.591419	-19.4084	11.11177
{8}-{13}	1*180	3*30	-12.5417	8.966946	0.164494	-30.2956	5.21221
{8}-{14}	1*180	3*60	-9.2708	8.966946	0.303270	-27.0247	8.48315
{8}-{15}	1*180	3*120	-3.2387	8.966946	0.718602	-20.9926	14.51527
{8}-{16}	1*180	3*180	8.7217	7.707377	0.260057	-6.5384	23.98177
{8}-{17}	1*180	4*30	-8.5585	8.966946	0.341775	-26.3124	9.19543
{8}-{18}	1*180	4*60	-9.4057	8.966946	0.296316	-27.1597	8.34819
{8}-{19}	1*180	4*120	6.9173	8.966946	0.441974	-10.8366	24.67122
{8}-{20}	1*180	4*180	11.3958	7.707377	0.141878	-3.8642	26.65590
{9}-{10}	2*30	2*60	6.8073	7.596931	0.372015	-8.2341	21.84870
{9}-{11}	2*30	2*120	5.3758	7.596931	0.480549	-9.6656	20.41718
{9}-{12}	2*30	2*180	6.5998	7.596931	0.386721	-8.4416	21.64118

{9}-{13}	2*30	3*30	-1.7936	7.707377	0.816378	-17.0537	13.46643
{9}-{14}	2*30	3*60	1.4773	8.966946	0.869418	-16.2766	19.23123
{9}-{15}	2*30	3*120	7.5094	8.966946	0.404001	-10.2445	25.26335
{9}-{16}	2*30	3*180	19.4698	8.966946	0.031878	1.7159	37.22372
{9}-{17}	2*30	4*30	2.1896	7.707377	0.776832	-13.0705	17.44965
{9}-{18}	2*30	4*60	1.3423	8.966946	0.881254	-16.4116	19.09627
{9}-{19}	2*30	4*120	17.6654	8.966946	0.051135	-0.0886	35.41930
{9}-{20}	2*30	4*180	22.1439	8.966946	0.014937	4.3900	39.89785
{10}-{11}	2*60	2*120	-1.4315	7.596931	0.850855	-16.4729	13.60988
{10}-{12}	2*60	2*180	-0.2075	7.596931	0.978253	-15.2489	14.83388
{10}-{13}	2*60	3*30	-8.6009	8.966946	0.339395	-26.3549	9.15299
{10}-{14}	2*60	3*60	-5.3300	7.707377	0.490559	-20.5901	9.93007
{10}-{15}	2*60	3*120	0.7021	8.966946	0.937719	-17.0518	18.45605
{10}-{16}	2*60	3*180	12.6625	8.966946	0.160500	-5.0914	30.41641
{10}-{17}	2*60	4*30	-4.6177	8.966946	0.607520	-22.3716	13.13621
{10}-{18}	2*60	4*60	-5.4650	7.707377	0.479665	-20.7250	9.79511
{10}-{19}	2*60	4*120	10.8581	8.966946	0.228313	-6.8959	28.61200
{10}-{20}	2*60	4*180	15.3366	8.966946	0.089785	-2.4173	33.09054
{11}-{12}	2*120	2*180	1.2240	7.596931	0.872272	-13.8174	16.26540
{11}-{13}	2*120	3*30	-7.1694	8.966946	0.425558	-24.9234	10.58450
{11}-{14}	2*120	3*60	-3.8985	8.966946	0.664516	-21.6524	13.85544
{11}-{15}	2*120	3*120	2.1336	7.707377	0.782387	-13.1264	17.39371
{11}-{16}	2*120	3*180	14.0940	8.966946	0.118636	-3.6599	31.84793
{11}-{17}	2*120	4*30	-3.1862	8.966946	0.722968	-20.9401	14.56772
{11}-{18}	2*120	4*60	-4.0334	8.966946	0.653657	-21.7874	13.72048
{11}-{19}	2*120	4*120	12.2896	7.707377	0.113450	-2.9705	27.54965

{11}-{20}	2*120	4*180	16.7681	8.966946	0.063922	-0.9858	34.52206
{12}-{13}	2*180	3*30	-8.3934	8.966946	0.351132	-26.1474	9.36050
{12}-{14}	2*180	3*60	-5.1225	8.966946	0.568890	-22.8764	12.63144
{12}-{15}	2*180	3*120	0.9096	8.966946	0.919368	-16.8443	18.66357
{12}-{16}	2*180	3*180	12.8700	7.707377	0.097560	-2.3901	28.13007
{12}-{17}	2*180	4*30	-4.4102	8.966946	0.623739	-22.1641	13.34372
{12}-{18}	2*180	4*60	-5.2574	8.966946	0.558766	-23.0114	12.49648
{12}-{19}	2*180	4*120	11.0656	8.966946	0.219599	-6.6883	28.81951
{12}-{20}	2*180	4*180	15.5441	7.707377	0.045950	0.2841	30.80420
{13}-{14}	3*30	3*60	3.2709	7.596931	0.667560	-11.7705	18.31233
{13}-{15}	3*30	3*120	9.3031	7.596931	0.223132	-5.7383	24.34446
{13}-{16}	3*30	3*180	21.2634	7.596931	0.005976	6.2220	36.30482
{13}-{17}	3*30	4*30	3.9832	7.707377	0.606243	-11.2769	19.24329
{13}-{18}	3*30	4*60	3.1360	8.966946	0.727157	-14.6180	20.88991
{13}-{19}	3*30	4*120	19.4590	8.966946	0.031971	1.7051	37.21294
{13}-{20}	3*30	4*180	23.9376	8.966946	0.008648	6.1836	41.69148
{14}-{15}	3*60	3*120	6.0321	7.596931	0.428751	-9.0093	21.07352
{14}-{16}	3*60	3*180	17.9925	7.596931	0.019463	2.9511	33.03388
{14}-{17}	3*60	4*30	0.7123	8.966946	0.936820	-17.0416	18.46621
{14}-{18}	3*60	4*60	-0.1350	7.707377	0.986058	-15.3950	15.12511
{14}-{19}	3*60	4*120	16.1881	8.966946	0.073534	-1.5659	33.94200
{14}-{20}	3*60	4*180	20.6666	8.966946	0.022899	2.9127	38.42054
{15}-{16}	3*120	3*180	11.9604	7.596931	0.118035	-3.0810	27.00176
{15}-{17}	3*120	4*30	-5.3198	8.966946	0.554115	-23.0738	12.43409
{15}-{18}	3*120	4*60	-6.1671	8.966946	0.492933	-23.9210	11.58685
{15}-{19}	3*120	4*120	10.1559	7.707377	0.190117	-5.1041	25.41602



{15}-{20}	3*120	4*180	14.6345	8.966946	0.105291	-3.1194	32.38842
{16}-{17}	3*180	4*30	-17.2802	8.966946	0.056331	-35.0341	0.47372
{16}-{18}	3*180	4*60	-18.1274	8.966946	0.045444	-35.8814	-0.37352
{16}-{19}	3*180	4*120	-1.8044	8.966946	0.840860	-19.5583	15.94951
{16}-{20}	3*180	4*180	2.6741	7.707377	0.729231	-12.5859	17.93420
{17}-{18}	4*30	4*60	-0.8472	7.596931	0.911387	-15.8886	14.19415
{17}-{19}	4*30	4*120	15.4758	7.596931	0.043839	0.4344	30.51718
{17}-{20}	4*30	4*180	19.9543	7.596931	0.009748	4.9129	34.99573
{18}-{19}	4*60	4*120	16.3230	7.596931	0.033672	1.2816	31.36443
{18}-{20}	4*60	4*180	20.8016	7.596931	0.007120	5.7602	35.84297
{19}-{20}	4*120	4*180	4.4785	7.596931	0.556621	-10.5629	19.51994

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 17.111	{2} - 20.528	{3} - 17.120	{4} - 13.062	{5} - 18.783	{6} - 16.800	{7} - 15.310	{8} - 11.816	{9} - 14.825	{10} - 12.842	{11} - 13.616	{12} - 11.086	{13} - 12.452	{14} - 13.851	{15} - 8.5607	{16} - 6.3669	{17} - 53.912	{18} - 8.8291	{19} - 5.3119	{20} - 6.1636
1	0	30		0.803142	0.999487	0.767730	0.904298	0.982204	0.897096	0.703807	0.869513	0.759193	0.801820	0.665304	0.737738	0.814866	0.539421	0.440827	0.009103	0.552211	0.397400	0.432249
2	0	60	0.803142		0.803640	0.586182	0.900281	0.788751	0.707902	0.531814	0.682202	0.580850	0.619739	0.498044	0.562116	0.631379	0.390727	0.310098	0.017788	0.401033	0.275591	0.303232
3	0	120	0.999487	0.803640		0.767239	0.904877	0.981698	0.896512	0.703338	0.869119	0.758711	0.801173	0.664844	0.737464	0.814375	0.538676	0.440453	0.009174	0.551789	0.396669	0.431879
4	0	180	0.767730	0.586182	0.767239		0.681208	0.788335	0.871718	0.928644	0.899208	0.987410	0.968257	0.887033	0.965033	0.954832	0.746482	0.630451	0.003933	0.761120	0.577964	0.620115
5	1	30	0.904298	0.900281	0.904877	0.681208		0.884961	0.799983	0.611421	0.776046	0.669686	0.710593	0.580566	0.649131	0.723169	0.463261	0.373241	0.012677	0.475062	0.334146	0.365491
6	1	60	0.982204	0.788751	0.981698	0.788335	0.884961		0.913432	0.716208	0.887205	0.776046	0.819106	0.681571	0.754821	0.832088	0.554230	0.454115	0.008602	0.566880	0.409903	0.445388
7	1	120	0.897096	0.707902	0.896512	0.871718	0.799983	0.913432		0.798814	0.972224	0.859309	0.903069	0.761602	0.837333	0.916501	0.627683	0.520959	0.006337	0.641685	0.472750	0.511544
8	1	180	0.703807	0.531814	0.703338	0.928644	0.611421	0.716208	0.798814		0.828890	0.941249	0.897144	0.958120	0.963596	0.883831	0.815105	0.695320	0.002994	0.830104	0.640480	0.684560

9	2	30	0.869513	0.682202	0.869119	0.899208	0.776046	0.887205	0.972224	0.828890		0.884961	0.929687	0.785004	0.864513	0.944174	0.652834	0.543762	0.005689	0.666782	0.494782	0.534135
10	2	60	0.759193	0.580850	0.758711	0.987410	0.669686	0.776046	0.859309	0.941249	0.884961		0.954984	0.898028	0.977616	0.942221	0.758454	0.641970	0.003750	0.772986	0.588776	0.631561
11	2	120	0.801820	0.619739	0.801173	0.968257	0.710593	0.819106	0.903069	0.897144	0.929687	0.954984		0.853548	0.933349	0.986560	0.716351	0.602760	0.004431	0.731013	0.550805	0.592639
12	2	180	0.665304	0.498044	0.664844	0.887033	0.580566	0.681571	0.761602	0.958120	0.785004	0.898028	0.853548		0.921844	0.842595	0.856062	0.734476	0.002545	0.871220	0.678419	0.723501
13	3	30	0.737738	0.562116	0.737464	0.965033	0.649131	0.754821	0.837333	0.963596	0.864513	0.977616	0.933349	0.921844		0.918710	0.776512	0.657189	0.003418	0.794715	0.608230	0.651621
14	3	60	0.814866	0.631379	0.814375	0.954832	0.723169	0.832088	0.916501	0.883831	0.944174	0.942221	0.986560	0.842595	0.918710		0.699604	0.585272	0.004659	0.718173	0.539955	0.581064
15	3	120	0.539421	0.390727	0.538676	0.746482	0.463261	0.554230	0.627683	0.815105	0.652834	0.758454	0.716351	0.856062	0.776512	0.699604		0.872837	0.001429	0.984615	0.815349	0.863297
16	3	180	0.440827	0.310098	0.440453	0.630451	0.373241	0.454115	0.520959	0.695320	0.543762	0.641970	0.602760	0.734476	0.657189	0.585272	0.872837		0.000849	0.859622	0.939590	0.988337
17	4	30	0.009103	0.017788	0.009174	0.003933	0.012677	0.008602	0.006337	0.002994	0.005689	0.003750	0.004431	0.002545	0.003418	0.004659	0.001429	0.000849		0.001289	0.000545	0.000674
18	4	60	0.552211	0.401033	0.551789	0.761120	0.475062	0.566880	0.641685	0.830104	0.666782	0.772986	0.731013	0.871220	0.794715	0.718173	0.984615	0.859622	0.001289		0.797491	0.845806
19	4	120	0.397400	0.275591	0.396669	0.577964	0.334146	0.409903	0.472750	0.640480	0.494782	0.588776	0.550805	0.678419	0.608230	0.539955	0.815349	0.939590	0.000545	0.797491		0.950449
20	4	180	0.432249	0.303232	0.431879	0.620115	0.365491	0.445388	0.511544	0.684560	0.534135	0.631561	0.592639	0.723501	0.651621	0.581064	0.863297	0.988337	0.000674	0.845806	0.950449	

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-3.4170	13.67692	0.803142	-30.4963	23.6624
{1}-{3}	0*30	0*120	-0.0088	13.67692	0.999487	-27.0882	27.0705
{1}-{4}	0*30	0*180	4.0486	13.67692	0.767730	-23.0308	31.1279
{1}-{5}	0*30	1*30	-1.6725	13.88106	0.904298	-29.1560	25.8110
{1}-{6}	0*30	1*60	0.3105	13.89226	0.982204	-27.1952	27.8162
{1}-{7}	0*30	1*120	1.8005	13.89226	0.897096	-25.7052	29.3062

{1}-{8}	0*30	1*180	5.2943	13.89226	0.703807	-22.2115	32.8000
{1}-{9}	0*30	2*30	2.2852	13.88106	0.869513	-25.1983	29.7688
{1}-{10}	0*30	2*60	4.2683	13.89226	0.759193	-23.2375	31.7740
{1}-{11}	0*30	2*120	3.4946	13.89226	0.801820	-24.0111	31.0003
{1}-{12}	0*30	2*180	6.0247	13.89226	0.665304	-21.4810	33.5304
{1}-{13}	0*30	3*30	4.6589	13.88106	0.737738	-22.8247	32.1424
{1}-{14}	0*30	3*60	3.2601	13.89226	0.814866	-24.2456	30.7658
{1}-{15}	0*30	3*120	8.5500	13.89226	0.539421	-18.9557	36.0558
{1}-{16}	0*30	3*180	10.7438	13.89226	0.440827	-16.7619	38.2495
{1}-{17}	0*30	4*30	-36.8014	13.88106	0.009103	-64.2850	-9.3179
{1}-{18}	0*30	4*60	8.2816	13.89226	0.552211	-19.2241	35.7873
{1}-{19}	0*30	4*120	11.7988	13.89226	0.397400	-15.7069	39.3046
{1}-{20}	0*30	4*180	10.9471	13.89226	0.432249	-16.5586	38.4529
{2}-{3}	0*60	0*120	3.4082	13.67692	0.803640	-23.6712	30.4875
{2}-{4}	0*60	0*180	7.4655	13.67692	0.586182	-19.6138	34.5449
{2}-{5}	0*60	1*30	1.7445	13.89226	0.900281	-25.7612	29.2502
{2}-{6}	0*60	1*60	3.7275	13.88106	0.788751	-23.7560	31.2110
{2}-{7}	0*60	1*120	5.2175	13.89226	0.707902	-22.2882	32.7232
{2}-{8}	0*60	1*180	8.7112	13.89226	0.531814	-18.7945	36.2169
{2}-{9}	0*60	2*30	5.7022	13.89226	0.682202	-21.8035	33.2079
{2}-{10}	0*60	2*60	7.6852	13.88106	0.580850	-19.7983	35.1688
{2}-{11}	0*60	2*120	6.9116	13.89226	0.619739	-20.5942	34.4173
{2}-{12}	0*60	2*180	9.4417	13.89226	0.498044	-18.0640	36.9474
{2}-{13}	0*60	3*30	8.0758	13.89226	0.562116	-19.4299	35.5816
{2}-{14}	0*60	3*60	6.6770	13.88106	0.631379	-20.8065	34.1606
{2}-{15}	0*60	3*120	11.9670	13.89226	0.390727	-15.5387	39.4727

{2}-{16}	0*60	3*180	14.1608	13.89226	0.310098	-13.3449	41.6665
{2}-{17}	0*60	4*30	-33.3845	13.89226	0.017788	-60.8902	-5.8788
{2}-{18}	0*60	4*60	11.6986	13.88106	0.401033	-15.7850	39.1821
{2}-{19}	0*60	4*120	15.2158	13.89226	0.275591	-12.2899	42.7215
{2}-{20}	0*60	4*180	14.3641	13.89226	0.303232	-13.1416	41.8698
{3}-{4}	0*120	0*180	4.0574	13.67692	0.767239	-23.0220	31.1367
{3}-{5}	0*120	1*30	-1.6637	13.89226	0.904877	-29.1694	25.8420
{3}-{6}	0*120	1*60	0.3193	13.89226	0.981698	-27.1864	27.8251
{3}-{7}	0*120	1*120	1.8093	13.88106	0.896512	-25.6742	29.2928
{3}-{8}	0*120	1*180	5.3031	13.89226	0.703338	-22.2026	32.8088
{3}-{9}	0*120	2*30	2.2940	13.89226	0.869119	-25.2117	29.7998
{3}-{10}	0*120	2*60	4.2771	13.89226	0.758711	-23.2286	31.7828
{3}-{11}	0*120	2*120	3.5034	13.88106	0.801173	-23.9801	30.9869
{3}-{12}	0*120	2*180	6.0335	13.89226	0.664844	-21.4722	33.5392
{3}-{13}	0*120	3*30	4.6677	13.89226	0.737464	-22.8380	32.1734
{3}-{14}	0*120	3*60	3.2689	13.89226	0.814375	-24.2368	30.7746
{3}-{15}	0*120	3*120	8.5589	13.88106	0.538676	-18.9247	36.0424
{3}-{16}	0*120	3*180	10.7526	13.89226	0.440453	-16.7531	38.2583
{3}-{17}	0*120	4*30	-36.7926	13.89226	0.009174	-64.2983	-9.2869
{3}-{18}	0*120	4*60	8.2904	13.89226	0.551789	-19.2153	35.7961
{3}-{19}	0*120	4*120	11.8077	13.88106	0.396669	-15.6759	39.2912
{3}-{20}	0*120	4*180	10.9560	13.89226	0.431879	-16.5498	38.4617
{4}-{5}	0*180	1*30	-5.7211	13.89226	0.681208	-33.2268	21.7846
{4}-{6}	0*180	1*60	-3.7380	13.89226	0.788335	-31.2438	23.7677
{4}-{7}	0*180	1*120	-2.2481	13.89226	0.871718	-29.7538	25.2576
{4}-{8}	0*180	1*180	1.2457	13.88106	0.928644	-26.2378	28.7292

{4}-{9}	0*180	2*30	-1.7633	13.89226	0.899208	-29.2691	25.7424
{4}-{10}	0*180	2*60	0.2197	13.89226	0.987410	-27.2860	27.7254
{4}-{11}	0*180	2*120	-0.5540	13.89226	0.968257	-28.0597	26.9517
{4}-{12}	0*180	2*180	1.9761	13.88106	0.887033	-25.5074	29.4597
{4}-{13}	0*180	3*30	0.6103	13.89226	0.965033	-26.8954	28.1160
{4}-{14}	0*180	3*60	-0.7885	13.89226	0.954832	-28.2942	26.7172
{4}-{15}	0*180	3*120	4.5015	13.89226	0.746482	-23.0042	32.0072
{4}-{16}	0*180	3*180	6.6952	13.88106	0.630451	-20.7883	34.1788
{4}-{17}	0*180	4*30	-40.8500	13.89226	0.003933	-68.3557	-13.3443
{4}-{18}	0*180	4*60	4.2330	13.89226	0.761120	-23.2727	31.7387
{4}-{19}	0*180	4*120	7.7503	13.89226	0.577964	-19.7555	35.2560
{4}-{20}	0*180	4*180	6.8986	13.88106	0.620115	-20.5850	34.3821
{5}-{6}	1*30	1*60	1.9830	13.67692	0.884961	-25.0963	29.0624
{5}-{7}	1*30	1*120	3.4730	13.67692	0.799983	-23.6063	30.5523
{5}-{8}	1*30	1*180	6.9668	13.67692	0.611421	-20.1126	34.0461
{5}-{9}	1*30	2*30	3.9577	13.88106	0.776046	-23.5258	31.4413
{5}-{10}	1*30	2*60	5.9408	13.89226	0.669686	-21.5650	33.4465
{5}-{11}	1*30	2*120	5.1671	13.89226	0.710593	-22.3386	32.6728
{5}-{12}	1*30	2*180	7.6972	13.89226	0.580566	-19.8085	35.2029
{5}-{13}	1*30	3*30	6.3314	13.88106	0.649131	-21.1522	33.8149
{5}-{14}	1*30	3*60	4.9326	13.89226	0.723169	-22.5731	32.4383
{5}-{15}	1*30	3*120	10.2225	13.89226	0.463261	-17.2832	37.7283
{5}-{16}	1*30	3*180	12.4163	13.89226	0.373241	-15.0894	39.9220
{5}-{17}	1*30	4*30	-35.1289	13.88106	0.012677	-62.6125	-7.6454
{5}-{18}	1*30	4*60	9.9541	13.89226	0.475062	-17.5516	37.4598
{5}-{19}	1*30	4*120	13.4713	13.89226	0.334146	-14.0344	40.9771

{5}-{20}	1*30	4*180	12.6196	13.89226	0.365491	-14.8861	40.1254
{6}-{7}	1*60	1*120	1.4900	13.67692	0.913432	-25.5894	28.5693
{6}-{8}	1*60	1*180	4.9837	13.67692	0.716208	-22.0956	32.0631
{6}-{9}	1*60	2*30	1.9747	13.89226	0.887205	-25.5310	29.4804
{6}-{10}	1*60	2*60	3.9577	13.88106	0.776046	-23.5258	31.4413
{6}-{11}	1*60	2*120	3.1841	13.89226	0.819106	-24.3217	30.6898
{6}-{12}	1*60	2*180	5.7142	13.89226	0.681571	-21.7915	33.2199
{6}-{13}	1*60	3*30	4.3483	13.89226	0.754821	-23.1574	31.8541
{6}-{14}	1*60	3*60	2.9495	13.88106	0.832088	-24.5340	30.4331
{6}-{15}	1*60	3*120	8.2395	13.89226	0.554230	-19.2662	35.7452
{6}-{16}	1*60	3*180	10.4333	13.89226	0.454115	-17.0724	37.9390
{6}-{17}	1*60	4*30	-37.1120	13.89226	0.008602	-64.6177	-9.6063
{6}-{18}	1*60	4*60	7.9711	13.88106	0.566880	-19.5125	35.4546
{6}-{19}	1*60	4*120	11.4883	13.89226	0.409903	-16.0174	38.9940
{6}-{20}	1*60	4*180	10.6366	13.89226	0.445388	-16.8691	38.1423
{7}-{8}	1*120	1*180	3.4938	13.67692	0.798814	-23.5856	30.5731
{7}-{9}	1*120	2*30	0.4847	13.89226	0.972224	-27.0210	27.9904
{7}-{10}	1*120	2*60	2.4678	13.89226	0.859309	-25.0380	29.9735
{7}-{11}	1*120	2*120	1.6941	13.88106	0.903069	-25.7894	29.1776
{7}-{12}	1*120	2*180	4.2242	13.89226	0.761602	-23.2815	31.7299
{7}-{13}	1*120	3*30	2.8584	13.89226	0.837333	-24.6474	30.3641
{7}-{14}	1*120	3*60	1.4596	13.89226	0.916501	-26.0461	28.9653
{7}-{15}	1*120	3*120	6.7495	13.88106	0.627683	-20.7340	34.2331
{7}-{16}	1*120	3*180	8.9433	13.89226	0.520959	-18.5624	36.4490
{7}-{17}	1*120	4*30	-38.6019	13.89226	0.006337	-66.1077	-11.0962
{7}-{18}	1*120	4*60	6.4811	13.89226	0.641685	-21.0246	33.9868

{7}-{19}	1*120	4*120	9.9983	13.88106	0.472750	-17.4852	37.4819
{7}-{20}	1*120	4*180	9.1466	13.89226	0.511544	-18.3591	36.6524
{8}-{9}	1*180	2*30	-3.0090	13.89226	0.828890	-30.5147	24.4967
{8}-{10}	1*180	2*60	-1.0260	13.89226	0.941249	-28.5317	26.4797
{8}-{11}	1*180	2*120	-1.7997	13.89226	0.897144	-29.3054	25.7061
{8}-{12}	1*180	2*180	0.7305	13.88106	0.958120	-26.7531	28.2140
{8}-{13}	1*180	3*30	-0.6354	13.89226	0.963596	-28.1411	26.8703
{8}-{14}	1*180	3*60	-2.0342	13.89226	0.883831	-29.5399	25.4715
{8}-{15}	1*180	3*120	3.2558	13.89226	0.815105	-24.2499	30.7615
{8}-{16}	1*180	3*180	5.4495	13.88106	0.695320	-22.0340	32.9331
{8}-{17}	1*180	4*30	-42.0957	13.89226	0.002994	-69.6014	-14.5900
{8}-{18}	1*180	4*60	2.9873	13.89226	0.830104	-24.5184	30.4931
{8}-{19}	1*180	4*120	6.5046	13.89226	0.640480	-21.0011	34.0103
{8}-{20}	1*180	4*180	5.6529	13.88106	0.684560	-21.8307	33.1364
{9}-{10}	2*30	2*60	1.9830	13.67692	0.884961	-25.0963	29.0624
{9}-{11}	2*30	2*120	1.2094	13.67692	0.929687	-25.8700	28.2887
{9}-{12}	2*30	2*180	3.7395	13.67692	0.785004	-23.3399	30.8188
{9}-{13}	2*30	3*30	2.3736	13.88106	0.864513	-25.1099	29.8572
{9}-{14}	2*30	3*60	0.9748	13.89226	0.944174	-26.5309	28.4806
{9}-{15}	2*30	3*120	6.2648	13.89226	0.652834	-21.2409	33.7705
{9}-{16}	2*30	3*180	8.4586	13.89226	0.543762	-19.0471	35.9643
{9}-{17}	2*30	4*30	-39.0867	13.88106	0.005689	-66.5702	-11.6031
{9}-{18}	2*30	4*60	5.9964	13.89226	0.666782	-21.5094	33.5021
{9}-{19}	2*30	4*120	9.5136	13.89226	0.494782	-17.9921	37.0193
{9}-{20}	2*30	4*180	8.6619	13.89226	0.534135	-18.8438	36.1676
{10}-{11}	2*60	2*120	-0.7737	13.67692	0.954984	-27.8530	26.3057

{10}-{12}	2*60	2*180	1.7565	13.67692	0.898028	-25.3229	28.8358
{10}-{13}	2*60	3*30	0.3906	13.89226	0.977616	-27.1151	27.8963
{10}-{14}	2*60	3*60	-1.0082	13.88106	0.942221	-28.4917	26.4753
{10}-{15}	2*60	3*120	4.2818	13.89226	0.758454	-23.2239	31.7875
{10}-{16}	2*60	3*180	6.4755	13.89226	0.641970	-21.0302	33.9813
{10}-{17}	2*60	4*30	-41.0697	13.89226	0.003750	-68.5754	-13.5640
{10}-{18}	2*60	4*60	4.0133	13.88106	0.772986	-23.4702	31.4969
{10}-{19}	2*60	4*120	7.5306	13.89226	0.588776	-19.9751	35.0363
{10}-{20}	2*60	4*180	6.6789	13.89226	0.631561	-20.8268	34.1846
{11}-{12}	2*120	2*180	2.5301	13.67692	0.853548	-24.5492	29.6095
{11}-{13}	2*120	3*30	1.1643	13.89226	0.933349	-26.3414	28.6700
{11}-{14}	2*120	3*60	-0.2345	13.89226	0.986560	-27.7402	27.2712
{11}-{15}	2*120	3*120	5.0555	13.88106	0.716351	-22.4281	32.5390
{11}-{16}	2*120	3*180	7.2492	13.89226	0.602760	-20.2565	34.7549
{11}-{17}	2*120	4*30	-40.2960	13.89226	0.004431	-67.8017	-12.7903
{11}-{18}	2*120	4*60	4.7870	13.89226	0.731013	-22.7187	32.2927
{11}-{19}	2*120	4*120	8.3042	13.88106	0.550805	-19.1793	35.7878
{11}-{20}	2*120	4*180	7.4525	13.89226	0.592639	-20.0532	34.9583
{12}-{13}	2*180	3*30	-1.3658	13.89226	0.921844	-28.8716	26.1399
{12}-{14}	2*180	3*60	-2.7646	13.89226	0.842595	-30.2704	24.7411
{12}-{15}	2*180	3*120	2.5253	13.89226	0.856062	-24.9804	30.0311
{12}-{16}	2*180	3*180	4.7191	13.88106	0.734476	-22.7644	32.2026
{12}-{17}	2*180	4*30	-42.8262	13.89226	0.002545	-70.3319	-15.3204
{12}-{18}	2*180	4*60	2.2569	13.89226	0.871220	-25.2488	29.7626
{12}-{19}	2*180	4*120	5.7741	13.89226	0.678419	-21.7316	33.2798
{12}-{20}	2*180	4*180	4.9224	13.88106	0.723501	-22.5611	32.4060



{13}-{14}	3*30	3*60	-1.3988	13.67692	0.918710	-28.4781	25.6806
{13}-{15}	3*30	3*120	3.8912	13.67692	0.776512	-23.1882	30.9705
{13}-{16}	3*30	3*180	6.0849	13.67692	0.657189	-20.9944	33.1643
{13}-{17}	3*30	4*30	-41.4603	13.88106	0.003418	-68.9438	-13.9768
{13}-{18}	3*30	4*60	3.6227	13.89226	0.794715	-23.8830	31.1284
{13}-{19}	3*30	4*120	7.1400	13.89226	0.608230	-20.3657	34.6457
{13}-{20}	3*30	4*180	6.2883	13.89226	0.651621	-21.2174	33.7940
{14}-{15}	3*60	3*120	5.2900	13.67692	0.699604	-21.7894	32.3693
{14}-{16}	3*60	3*180	7.4837	13.67692	0.585272	-19.5956	34.5631
{14}-{17}	3*60	4*30	-40.0615	13.89226	0.004659	-67.5672	-12.5558
{14}-{18}	3*60	4*60	5.0215	13.88106	0.718173	-22.4620	32.5050
{14}-{19}	3*60	4*120	8.5388	13.89226	0.539955	-18.9670	36.0445
{14}-{20}	3*60	4*180	7.6871	13.89226	0.581064	-19.8187	35.1928
{15}-{16}	3*120	3*180	2.1938	13.67692	0.872837	-24.8856	29.2731
{15}-{17}	3*120	4*30	-45.3515	13.89226	0.001429	-72.8572	-17.8458
{15}-{18}	3*120	4*60	-0.2685	13.89226	0.984615	-27.7742	27.2373
{15}-{19}	3*120	4*120	3.2488	13.88106	0.815349	-24.2347	30.7323
{15}-{20}	3*120	4*180	2.3971	13.89226	0.863297	-25.1086	29.9028
{16}-{17}	3*180	4*30	-47.5452	13.89226	0.000849	-75.0510	-20.0395
{16}-{18}	3*180	4*60	-2.4622	13.89226	0.859622	-29.9679	25.0435
{16}-{19}	3*180	4*120	1.0550	13.89226	0.939590	-26.4507	28.5607
{16}-{20}	3*180	4*180	0.2033	13.88106	0.988337	-27.2802	27.6869
{17}-{18}	4*30	4*60	45.0830	13.67692	0.001289	18.0037	72.1624
{17}-{19}	4*30	4*120	48.6003	13.67692	0.000545	21.5209	75.6796
{17}-{20}	4*30	4*180	47.7486	13.67692	0.000674	20.6692	74.8279
{18}-{19}	4*60	4*120	3.5172	13.67692	0.797491	-23.5621	30.5966

{18}-{20}	4*60	4*180	2.6655	13.67692	0.845806	-24.4138	29.7449
{19}-{20}	4*120	4*180	-0.8517	13.67692	0.950449	-27.9310	26.2277

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 35.873	{2} - 39.888	{3} - 34.007	{4} - 27.315	{5} - 38.687	{6} - 34.366	{7} - 31.503	{8} - 24.566	{9} - 32.386	{10} - 27.128	{11} - 28.238	{12} - 24.710	{13} - 28.871	{14} - 29.004	{15} - 21.250	{16} - 16.531	{17} - 26.985	{18} - 23.609	{19} - 15.910	{20} - 16.200
1	0	30		0.309164	0.635906	0.031449	0.499351	0.755187	0.366600	0.020661	0.402966	0.072238	0.115965	0.022302	0.094477	0.156873	0.002970	0.000105	0.034411	0.012243	0.000065	0.000081
2	0	60	0.309164		0.137293	0.001769	0.803793	0.186268	0.084592	0.001887	0.122374	0.002635	0.017193	0.002075	0.024071	0.009927	0.000180	0.000004	0.008488	0.000148	0.000002	0.000003
3	0	120	0.635906	0.137293		0.091304	0.333614	0.940744	0.547833	0.052534	0.737384	0.156295	0.167519	0.056197	0.288923	0.301555	0.002640	0.000426	0.147897	0.033034	0.000028	0.000335
4	0	180	0.031449	0.001769	0.091304		0.019954	0.146234	0.386758	0.509363	0.294979	0.969245	0.848399	0.531837	0.747445	0.726667	0.210905	0.010609	0.945554	0.443629	0.019609	0.008497
5	1	30	0.499351	0.803793	0.333614	0.019954		0.273872	0.070120	0.000477	0.131929	0.018056	0.032199	0.004453	0.019728	0.046852	0.000438	0.000011	0.005667	0.002214	0.000006	0.000008
6	1	60	0.755187	0.186268	0.940744	0.146234	0.273872		0.467904	0.014035	0.682106	0.084020	0.206233	0.047468	0.256684	0.199268	0.007493	0.000328	0.128431	0.010798	0.000207	0.000257
7	1	120	0.366600	0.084592	0.547833	0.386758	0.070120	0.467904		0.080166	0.854968	0.366059	0.433471	0.161453	0.586130	0.605206	0.014989	0.002372	0.350583	0.104188	0.000270	0.001910
8	1	180	0.020661	0.001887	0.052534	0.509363	0.000477	0.014035	0.080166		0.107419	0.596021	0.447698	0.972306	0.373678	0.359124	0.493020	0.055444	0.616762	0.843040	0.075122	0.046247
9	2	30	0.402966	0.122374	0.737384	0.294979	0.131929	0.682106	0.854968	0.107419		0.183620	0.293514	0.053202	0.399090	0.484365	0.022616	0.001322	0.195987	0.071179	0.000864	0.001055
10	2	60	0.072238	0.002635	0.156295	0.969245	0.018056	0.084020	0.366059	0.596021	0.183620		0.778172	0.539624	0.718445	0.652424	0.225172	0.029871	0.976278	0.398523	0.021650	0.025198
11	2	120	0.115965	0.017193	0.167519	0.848399	0.032199	0.206233	0.433471	0.447698	0.293514	0.778172		0.371259	0.895855	0.874089	0.095115	0.016659	0.795303	0.338888	0.003620	0.013883
12	2	180	0.022302	0.002075	0.056197	0.531837	0.004453	0.047468	0.161453	0.972306	0.053202	0.539624	0.371259		0.389878	0.374929	0.474405	0.051261	0.637941	0.819718	0.070446	0.042664
13	3	30	0.094477	0.024071	0.288923	0.747445	0.019728	0.256684	0.586130	0.373678	0.399090	0.718445	0.895855	0.389878		0.973025	0.054919	0.002135	0.650617	0.277296	0.008204	0.009708
14	3	60	0.156873	0.009927	0.301555	0.726667	0.046852	0.199268	0.605206	0.359124	0.484365	0.652424	0.874089	0.374929	0.973025		0.050874	0.001918	0.676100	0.196498	0.007587	0.008989
15	3	120	0.002970	0.000180	0.002640	0.210905	0.000438	0.007493	0.014989	0.493020	0.022616	0.225172	0.095115	0.474405	0.054919	0.050874		0.232343	0.236643	0.625605	0.201029	0.296951
16	3	180	0.000105	0.000004	0.000426	0.010609	0.000011	0.000328	0.002372	0.055444	0.001322	0.029871	0.016659	0.051261	0.002135	0.001918	0.232343		0.032120	0.144727	0.897656	0.936523
17	4	30	0.034411	0.008488	0.147897	0.945554	0.005667	0.128431	0.350583	0.616762	0.195987	0.976278	0.795303	0.637941	0.650617	0.676100	0.236643	0.032120		0.392205	0.005667	0.007014

18	4	60	0.012243	0.000148	0.033034	0.443629	0.002214	0.010798	0.104188	0.843040	0.071179	0.398523	0.338888	0.819718	0.277296	0.196498	0.625605	0.144727	0.392205		0.052499	0.061891
19	4	120	0.000065	0.000002	0.000028	0.019609	0.000006	0.000207	0.000270	0.075122	0.000864	0.021650	0.003620	0.070446	0.008204	0.007587	0.201029	0.897656	0.005667	0.052499		0.941330
20	4	180	0.000081	0.000003	0.000335	0.008497	0.000008	0.000257	0.001910	0.046247	0.001055	0.025198	0.013883	0.042664	0.009708	0.008989	0.296951	0.936523	0.007014	0.061891	0.941330	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-4.0150	3.931272	0.309164	-11.7987	3.76861
{1}-{3}	0*30	0*120	1.8659	3.931272	0.635906	-5.9177	9.64958
{1}-{4}	0*30	0*180	8.5578	3.931272	0.031449	0.7742	16.34146
{1}-{5}	0*30	1*30	-2.8145	4.153907	0.499351	-11.0390	5.40990
{1}-{6}	0*30	1*60	1.5068	4.821401	0.755187	-8.0392	11.05283
{1}-{7}	0*30	1*120	4.3696	4.821401	0.366600	-5.1765	13.91561
{1}-{8}	0*30	1*180	11.3069	4.821401	0.020661	1.7609	20.85295
{1}-{9}	0*30	2*30	3.4864	4.153907	0.402966	-4.7380	11.71085
{1}-{10}	0*30	2*60	8.7441	4.821401	0.072238	-0.8019	18.29014
{1}-{11}	0*30	2*120	7.6342	4.821401	0.115965	-1.9119	17.18020
{1}-{12}	0*30	2*180	11.1624	4.821401	0.022302	1.6164	20.70844
{1}-{13}	0*30	3*30	7.0017	4.153907	0.094477	-1.2227	15.22615
{1}-{14}	0*30	3*60	6.8685	4.821401	0.156873	-2.6775	16.41453
{1}-{15}	0*30	3*120	14.6222	4.821401	0.002970	5.0762	24.16823
{1}-{16}	0*30	3*180	19.3413	4.821401	0.000105	9.7953	28.88738

{1}-{17}	0*30	4*30	8.8878	4.153907	0.034411	0.6633	17.11221
{1}-{18}	0*30	4*60	12.2636	4.821401	0.012243	2.7176	21.80968
{1}-{19}	0*30	4*120	19.9628	4.821401	0.000065	10.4168	29.50883
{1}-{20}	0*30	4*180	19.6729	4.821401	0.000081	10.1268	29.21889
{2}-{3}	0*60	0*120	5.8810	3.931272	0.137293	-1.9027	13.66461
{2}-{4}	0*60	0*180	12.5728	3.931272	0.001769	4.7892	20.35649
{2}-{5}	0*60	1*30	1.2005	4.821401	0.803793	-8.3456	10.74652
{2}-{6}	0*60	1*60	5.5218	4.153907	0.186268	-2.7026	13.74626
{2}-{7}	0*60	1*120	8.3846	4.821401	0.084592	-1.1614	17.93064
{2}-{8}	0*60	1*180	15.3219	4.821401	0.001887	5.7759	24.86798
{2}-{9}	0*60	2*30	7.5014	4.821401	0.122374	-2.0446	17.04747
{2}-{10}	0*60	2*60	12.7591	4.153907	0.002635	4.5347	20.98358
{2}-{11}	0*60	2*120	11.6492	4.821401	0.017193	2.1032	21.19523
{2}-{12}	0*60	2*180	15.1774	4.821401	0.002075	5.6314	24.72347
{2}-{13}	0*60	3*30	11.0167	4.821401	0.024071	1.4707	20.56277
{2}-{14}	0*60	3*60	10.8835	4.153907	0.009927	2.6591	19.10797
{2}-{15}	0*60	3*120	18.6372	4.821401	0.000180	9.0912	28.18326
{2}-{16}	0*60	3*180	23.3564	4.821401	0.000004	13.8103	32.90241
{2}-{17}	0*60	4*30	12.9028	4.821401	0.008488	3.3568	22.44883
{2}-{18}	0*60	4*60	16.2787	4.153907	0.000148	8.0542	24.50312
{2}-{19}	0*60	4*120	23.9778	4.821401	0.000002	14.4318	33.52386
{2}-{20}	0*60	4*180	23.6879	4.821401	0.000003	14.1418	33.23392
{3}-{4}	0*120	0*180	6.6919	3.931272	0.091304	-1.0918	14.47552
{3}-{5}	0*120	1*30	-4.6805	4.821401	0.333614	-14.2265	4.86555
{3}-{6}	0*120	1*60	-0.3592	4.821401	0.940744	-9.9052	9.18689
{3}-{7}	0*120	1*120	2.5036	4.153907	0.547833	-5.7208	10.72808

{3}-{8}	0*120	1*180	9.4410	4.821401	0.052534	-0.1051	18.98701
{3}-{9}	0*120	2*30	1.6205	4.821401	0.737384	-7.9256	11.16650
{3}-{10}	0*120	2*60	6.8782	4.821401	0.156295	-2.6679	16.42420
{3}-{11}	0*120	2*120	5.7682	4.153907	0.167519	-2.4562	13.99267
{3}-{12}	0*120	2*180	9.2965	4.821401	0.056197	-0.2496	18.84250
{3}-{13}	0*120	3*30	5.1358	4.821401	0.288923	-4.4103	14.68180
{3}-{14}	0*120	3*60	5.0026	4.821401	0.301555	-4.5435	14.54859
{3}-{15}	0*120	3*120	12.7563	4.153907	0.002640	4.5318	20.98070
{3}-{16}	0*120	3*180	17.4754	4.821401	0.000426	7.9294	27.02144
{3}-{17}	0*120	4*30	7.0218	4.821401	0.147897	-2.5242	16.56786
{3}-{18}	0*120	4*60	10.3977	4.821401	0.033034	0.8517	19.94374
{3}-{19}	0*120	4*120	18.0969	4.153907	0.000028	9.8724	26.32130
{3}-{20}	0*120	4*180	17.8069	4.821401	0.000335	8.2609	27.35295
{4}-{5}	0*180	1*30	-11.3724	4.821401	0.019954	-20.9184	-1.82633
{4}-{6}	0*180	1*60	-7.0510	4.821401	0.146234	-16.5971	2.49501
{4}-{7}	0*180	1*120	-4.1882	4.821401	0.386758	-13.7343	5.35780
{4}-{8}	0*180	1*180	2.7491	4.153907	0.509363	-5.4754	10.97354
{4}-{9}	0*180	2*30	-5.0714	4.821401	0.294979	-14.6175	4.47462
{4}-{10}	0*180	2*60	0.1863	4.821401	0.969245	-9.3598	9.73232
{4}-{11}	0*180	2*120	-0.9237	4.821401	0.848399	-10.4697	8.62238
{4}-{12}	0*180	2*180	2.6046	4.153907	0.531837	-5.6199	10.82903
{4}-{13}	0*180	3*30	-1.5561	4.821401	0.747445	-11.1022	7.98992
{4}-{14}	0*180	3*60	-1.6893	4.821401	0.726667	-11.2354	7.85671
{4}-{15}	0*180	3*120	6.0644	4.821401	0.210905	-3.4817	15.61041
{4}-{16}	0*180	3*180	10.7835	4.153907	0.010609	2.5591	19.00797
{4}-{17}	0*180	4*30	0.3299	4.821401	0.945554	-9.2161	9.87598

{4}-{18}	0*180	4*60	3.7058	4.821401	0.443629	-5.8402	13.25186
{4}-{19}	0*180	4*120	11.4050	4.821401	0.019609	1.8589	20.95101
{4}-{20}	0*180	4*180	11.1150	4.153907	0.008497	2.8906	19.33948
{5}-{6}	1*30	1*60	4.3213	3.931272	0.273872	-3.4623	12.10498
{5}-{7}	1*30	1*120	7.1841	3.931272	0.070120	-0.5995	14.96777
{5}-{8}	1*30	1*180	14.1215	3.931272	0.000477	6.3378	21.90510
{5}-{9}	1*30	2*30	6.3009	4.153907	0.131929	-1.9235	14.52539
{5}-{10}	1*30	2*60	11.5586	4.821401	0.018056	2.0126	21.10468
{5}-{11}	1*30	2*120	10.4487	4.821401	0.032199	0.9027	19.99474
{5}-{12}	1*30	2*180	13.9769	4.821401	0.004453	4.4309	23.52298
{5}-{13}	1*30	3*30	9.8162	4.153907	0.019728	1.5918	18.04070
{5}-{14}	1*30	3*60	9.6830	4.821401	0.046852	0.1370	19.22908
{5}-{15}	1*30	3*120	17.4367	4.821401	0.000438	7.8907	26.98277
{5}-{16}	1*30	3*180	22.1559	4.821401	0.000011	12.6098	31.70192
{5}-{17}	1*30	4*30	11.7023	4.153907	0.005667	3.4779	19.92676
{5}-{18}	1*30	4*60	15.0782	4.821401	0.002214	5.5322	24.62423
{5}-{19}	1*30	4*120	22.7773	4.821401	0.000006	13.2313	32.32338
{5}-{20}	1*30	4*180	22.4874	4.821401	0.000008	12.9414	32.03344
{6}-{7}	1*60	1*120	2.8628	3.931272	0.467904	-4.9209	10.64643
{6}-{8}	1*60	1*180	9.8001	3.931272	0.014035	2.0165	17.58377
{6}-{9}	1*60	2*30	1.9796	4.821401	0.682106	-7.5664	11.52565
{6}-{10}	1*60	2*60	7.2373	4.153907	0.084020	-0.9871	15.46176
{6}-{11}	1*60	2*120	6.1274	4.821401	0.206233	-3.4187	15.67341
{6}-{12}	1*60	2*180	9.6556	4.821401	0.047468	0.1096	19.20165
{6}-{13}	1*60	3*30	5.4949	4.821401	0.256684	-4.0511	15.04095
{6}-{14}	1*60	3*60	5.3617	4.153907	0.199268	-2.8627	13.58615

{6}-{15}	1*60	3*120	13.1154	4.821401	0.007493	3.5694	22.66144
{6}-{16}	1*60	3*180	17.8346	4.821401	0.000328	8.2885	27.38059
{6}-{17}	1*60	4*30	7.3810	4.821401	0.128431	-2.1651	16.92701
{6}-{18}	1*60	4*60	10.7569	4.153907	0.010798	2.5324	18.98130
{6}-{19}	1*60	4*120	18.4560	4.821401	0.000207	8.9100	28.00205
{6}-{20}	1*60	4*180	18.1661	4.821401	0.000257	8.6200	27.71211
{7}-{8}	1*120	1*180	6.9373	3.931272	0.080166	-0.8463	14.72098
{7}-{9}	1*120	2*30	-0.8832	4.821401	0.854968	-10.4292	8.66286
{7}-{10}	1*120	2*60	4.3745	4.821401	0.366059	-5.1715	13.92056
{7}-{11}	1*120	2*120	3.2646	4.153907	0.433471	-4.9599	11.48903
{7}-{12}	1*120	2*180	6.7928	4.821401	0.161453	-2.7532	16.33886
{7}-{13}	1*120	3*30	2.6321	4.821401	0.586130	-6.9139	12.17817
{7}-{14}	1*120	3*60	2.4989	4.821401	0.605206	-7.0471	12.04495
{7}-{15}	1*120	3*120	10.2526	4.153907	0.014989	2.0282	18.47706
{7}-{16}	1*120	3*180	14.9718	4.821401	0.002372	5.4257	24.51780
{7}-{17}	1*120	4*30	4.5182	4.821401	0.350583	-5.0278	14.06423
{7}-{18}	1*120	4*60	7.8941	4.821401	0.104188	-1.6520	17.44011
{7}-{19}	1*120	4*120	15.5932	4.153907	0.000270	7.3688	23.81767
{7}-{20}	1*120	4*180	15.3033	4.821401	0.001910	5.7572	24.84932
{8}-{9}	1*180	2*30	-7.8205	4.821401	0.107419	-17.3665	1.72553
{8}-{10}	1*180	2*60	-2.5628	4.821401	0.596021	-12.1088	6.98323
{8}-{11}	1*180	2*120	-3.6728	4.821401	0.447698	-13.2188	5.87329
{8}-{12}	1*180	2*180	-0.1445	4.153907	0.972306	-8.3690	8.07994
{8}-{13}	1*180	3*30	-4.3052	4.821401	0.373678	-13.8512	5.24083
{8}-{14}	1*180	3*60	-4.4384	4.821401	0.359124	-13.9845	5.10762
{8}-{15}	1*180	3*120	3.3153	4.821401	0.493020	-6.2308	12.86132

{8}-{16}	1*180	3*180	8.0344	4.153907	0.055444	-0.1900	16.25888
{8}-{17}	1*180	4*30	-2.4191	4.821401	0.616762	-11.9652	7.12689
{8}-{18}	1*180	4*60	0.9567	4.821401	0.843040	-8.5893	10.50277
{8}-{19}	1*180	4*120	8.6559	4.821401	0.075122	-0.8902	18.20192
{8}-{20}	1*180	4*180	8.3659	4.153907	0.046247	0.1415	16.59039
{9}-{10}	2*30	2*60	5.2577	3.931272	0.183620	-2.5259	13.04134
{9}-{11}	2*30	2*120	4.1478	3.931272	0.293514	-3.6359	11.93140
{9}-{12}	2*30	2*180	7.6760	3.931272	0.053202	-0.1076	15.45964
{9}-{13}	2*30	3*30	3.5153	4.153907	0.399090	-4.7091	11.73975
{9}-{14}	2*30	3*60	3.3821	4.821401	0.484365	-6.1639	12.92813
{9}-{15}	2*30	3*120	11.1358	4.821401	0.022616	1.5898	20.68183
{9}-{16}	2*30	3*180	15.8549	4.821401	0.001322	6.3089	25.40098
{9}-{17}	2*30	4*30	5.4014	4.153907	0.195987	-2.8231	13.62581
{9}-{18}	2*30	4*60	8.7772	4.821401	0.071179	-0.7688	18.32328
{9}-{19}	2*30	4*120	16.4764	4.821401	0.000864	6.9304	26.02243
{9}-{20}	2*30	4*180	16.1865	4.821401	0.001055	6.6404	25.73249
{10}-{11}	2*60	2*120	-1.1099	3.931272	0.778172	-8.8936	6.67370
{10}-{12}	2*60	2*180	2.4183	3.931272	0.539624	-5.3653	10.20195
{10}-{13}	2*60	3*30	-1.7424	4.821401	0.718445	-11.2884	7.80364
{10}-{14}	2*60	3*60	-1.8756	4.153907	0.652424	-10.1001	6.34884
{10}-{15}	2*60	3*120	5.8781	4.821401	0.225172	-3.6679	15.42413
{10}-{16}	2*60	3*180	10.5972	4.821401	0.029871	1.0512	20.14328
{10}-{17}	2*60	4*30	0.1437	4.821401	0.976278	-9.4024	9.68970
{10}-{18}	2*60	4*60	3.5195	4.153907	0.398523	-4.7049	11.74399
{10}-{19}	2*60	4*120	11.2187	4.821401	0.021650	1.6727	20.76473
{10}-{20}	2*60	4*180	10.9288	4.821401	0.025198	1.3827	20.47480



{11}-{12}	2*120	2*180	3.5282	3.931272	0.371259	-4.2554	11.31189
{11}-{13}	2*120	3*30	-0.6325	4.821401	0.895855	-10.1785	8.91358
{11}-{14}	2*120	3*60	-0.7657	4.821401	0.874089	-10.3117	8.78037
{11}-{15}	2*120	3*120	6.9880	4.153907	0.095115	-1.2364	15.21248
{11}-{16}	2*120	3*180	11.7072	4.821401	0.016659	2.1611	21.25322
{11}-{17}	2*120	4*30	1.2536	4.821401	0.795303	-8.2924	10.79964
{11}-{18}	2*120	4*60	4.6295	4.821401	0.338888	-4.9166	14.17552
{11}-{19}	2*120	4*120	12.3286	4.153907	0.003620	4.1042	20.55308
{11}-{20}	2*120	4*180	12.0387	4.821401	0.013883	2.4927	21.58473
{12}-{13}	2*180	3*30	-4.1607	4.821401	0.389878	-13.7067	5.38534
{12}-{14}	2*180	3*60	-4.2939	4.821401	0.374929	-13.8399	5.25213
{12}-{15}	2*180	3*120	3.4598	4.821401	0.474405	-6.0862	13.00583
{12}-{16}	2*180	3*180	8.1789	4.153907	0.051261	-0.0455	16.40339
{12}-{17}	2*180	4*30	-2.2746	4.821401	0.637941	-11.8207	7.27140
{12}-{18}	2*180	4*60	1.1012	4.821401	0.819718	-8.4448	10.64728
{12}-{19}	2*180	4*120	8.8004	4.821401	0.070446	-0.7456	18.34643
{12}-{20}	2*180	4*180	8.5105	4.153907	0.042664	0.2860	16.73490
{13}-{14}	3*30	3*60	-0.1332	3.931272	0.973025	-7.9169	7.65043
{13}-{15}	3*30	3*120	7.6205	3.931272	0.054919	-0.1632	15.40413
{13}-{16}	3*30	3*180	12.3396	3.931272	0.002135	4.5560	20.12328
{13}-{17}	3*30	4*30	1.8861	4.153907	0.650617	-6.3384	10.11051
{13}-{18}	3*30	4*60	5.2619	4.821401	0.277296	-4.2841	14.80798
{13}-{19}	3*30	4*120	12.9611	4.821401	0.008204	3.4151	22.50713
{13}-{20}	3*30	4*180	12.6712	4.821401	0.009708	3.1251	22.21719
{14}-{15}	3*60	3*120	7.7537	3.931272	0.050874	-0.0299	15.53734
{14}-{16}	3*60	3*180	12.4728	3.931272	0.001918	4.6892	20.25649



1	0	30		0.770509	0.215129	0.029707	0.735896	0.885780	0.230309	0.004579	0.355932	0.054264	0.186314	0.002303	0.007591	0.071204	0.000139	0.000003	0.000295	0.000111	0.000001	0.000009
2	0	60	0.770509		0.126549	0.014046	0.578367	0.873231	0.140865	0.001958	0.297716	0.008513	0.110937	0.000942	0.012674	0.012827	0.000049	0.000001	0.001005	0.000001	0.000000	0.000003
3	0	120	0.215129	0.126549		0.341978	0.370638	0.188277	0.974660	0.089790	0.682495	0.446071	0.856992	0.055284	0.284597	0.522719	0.001183	0.000335	0.057762	0.005658	0.000003	0.000721
4	0	180	0.029707	0.014046	0.341978		0.074138	0.027878	0.382560	0.332589	0.191727	0.890212	0.452967	0.215887	0.863707	0.793934	0.066041	0.001040	0.313085	0.057885	0.002038	0.002456
5	1	30	0.735896	0.578367	0.370638	0.074138		0.654489	0.330261	0.006746	0.557208	0.098892	0.296492	0.005393	0.019005	0.126268	0.000381	0.000011	0.000944	0.000308	0.000002	0.000027
6	1	60	0.885780	0.873231	0.188277	0.027878	0.654489		0.156404	0.001727	0.362987	0.013218	0.143337	0.001456	0.018023	0.019560	0.000081	0.000002	0.001551	0.000002	0.000000	0.000005
7	1	120	0.230309	0.140865	0.974660	0.382560	0.330261	0.156404		0.077700	0.663274	0.461908	0.881992	0.058643	0.296547	0.539970	0.001312	0.000367	0.061247	0.006110	0.000004	0.000788
8	1	180	0.004579	0.001958	0.089790	0.332589	0.006746	0.001727	0.077700		0.036033	0.346138	0.121293	0.786657	0.526331	0.287088	0.296943	0.018465	0.837504	0.270334	0.020610	0.035955
9	2	30	0.355932	0.297716	0.682495	0.191727	0.557208	0.362987	0.663274	0.036033		0.216957	0.555150	0.014580	0.076143	0.295326	0.001947	0.000075	0.005920	0.001609	0.000018	0.000170
10	2	60	0.054264	0.008513	0.446071	0.890212	0.098892	0.013218	0.461908	0.346138	0.216957		0.517278	0.218350	0.756830	0.882010	0.048487	0.004076	0.251874	0.014773	0.001307	0.007790
11	2	120	0.186314	0.110937	0.856992	0.452967	0.296492	0.143337	0.881992	0.121293	0.555150	0.517278		0.061593	0.356846	0.624223	0.002114	0.000564	0.079946	0.008689	0.000007	0.001188
12	2	180	0.002303	0.000942	0.055284	0.215887	0.005393	0.001456	0.058643	0.786657	0.014580	0.218350	0.061593		0.391160	0.197999	0.412473	0.036283	0.984377	0.379406	0.035982	0.066769
13	3	30	0.007591	0.012674	0.284597	0.863707	0.019005	0.018023	0.296547	0.526331	0.076143	0.756830	0.356846	0.391160		0.647477	0.077851	0.006559	0.312998	0.083917	0.003473	0.018110
14	3	60	0.071204	0.012827	0.522719	0.793934	0.126268	0.019560	0.539970	0.287088	0.295326	0.882010	0.624223	0.197999	0.647477		0.027137	0.001622	0.204837	0.009863	0.000870	0.005458
15	3	120	0.000139	0.000049	0.001183	0.066041	0.000381	0.000081	0.001312	0.296943	0.001947	0.048487	0.002114	0.412473	0.077851	0.027137		0.325027	0.401443	0.952386	0.120344	0.477118
16	3	180	0.000003	0.000001	0.000335	0.001040	0.000011	0.000002	0.000367	0.018465	0.000075	0.004076	0.000564	0.036283	0.006559	0.001622	0.325027		0.078066	0.383136	0.716963	0.789578
17	4	30	0.000295	0.001005	0.057762	0.313085	0.000944	0.001551	0.061247	0.837504	0.005920	0.251874	0.079946	0.984377	0.312998	0.204837	0.401443	0.078066		0.342487	0.025495	0.102908
18	4	60	0.000111	0.000001	0.005658	0.057885	0.000308	0.000002	0.006110	0.270334	0.001609	0.014773	0.008689	0.379406	0.083917	0.009863	0.952386	0.383136	0.342487		0.193037	0.491269
19	4	120	0.000001	0.000000	0.000003	0.002038	0.000002	0.000000	0.000004	0.020610	0.000018	0.001307	0.000007	0.035982	0.003473	0.000870	0.120344	0.716963	0.025495	0.193037		0.537363
20	4	180	0.000009	0.000003	0.000721	0.002456	0.000027	0.000005	0.000788	0.035955	0.000170	0.007790	0.001188	0.066769	0.018110	0.005458	0.477118	0.789578	0.102908	0.491269	0.537363	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Comparisons Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.54421	1.861386	0.770509	-4.22963	3.14120
{1}-{3}	0*30	0*120	2.31961	1.861386	0.215129	-1.36581	6.00502
{1}-{4}	0*30	0*180	4.09545	1.861386	0.029707	0.41004	7.78087
{1}-{5}	0*30	1*30	0.55197	1.632674	0.735896	-2.68061	3.78455
{1}-{6}	0*30	1*60	-0.28315	1.966986	0.885780	-4.17765	3.61134
{1}-{7}	0*30	1*120	2.37158	1.966986	0.230309	-1.52292	6.26607
{1}-{8}	0*30	1*180	5.68379	1.966986	0.004579	1.78929	9.57828
{1}-{9}	0*30	2*30	1.51303	1.632674	0.355932	-1.71955	4.74561
{1}-{10}	0*30	2*60	3.82336	1.966986	0.054264	-0.07113	7.71786
{1}-{11}	0*30	2*120	2.61445	1.966986	0.186314	-1.28004	6.50895
{1}-{12}	0*30	2*180	6.12667	1.966986	0.002303	2.23217	10.02116
{1}-{13}	0*30	3*30	4.43383	1.632674	0.007591	1.20125	7.66641
{1}-{14}	0*30	3*60	3.58052	1.966986	0.071204	-0.31397	7.47502
{1}-{15}	0*30	3*120	7.74434	1.966986	0.000139	3.84985	11.63884
{1}-{16}	0*30	3*180	9.58383	1.966986	0.000003	5.68933	13.47832
{1}-{17}	0*30	4*30	6.08807	1.632674	0.000295	2.85549	9.32065
{1}-{18}	0*30	4*60	7.86204	1.966986	0.000111	3.96754	11.75653
{1}-{19}	0*30	4*120	10.29858	1.966986	0.000001	6.40409	14.19308
{1}-{20}	0*30	4*180	9.14716	1.966986	0.000009	5.25266	13.04165
{2}-{3}	0*60	0*120	2.86382	1.861386	0.126549	-0.82160	6.54923
{2}-{4}	0*60	0*180	4.63967	1.861386	0.014046	0.95425	8.32508
{2}-{5}	0*60	1*30	1.09618	1.966986	0.578367	-2.79831	4.99068
{2}-{6}	0*60	1*60	0.26106	1.632674	0.873231	-2.97152	3.49364
{2}-{7}	0*60	1*120	2.91579	1.966986	0.140865	-0.97871	6.81028

{2}-{8}	0*60	1*180	6.22800	1.966986	0.001958	2.33351	10.12249
{2}-{9}	0*60	2*30	2.05724	1.966986	0.297716	-1.83725	5.95174
{2}-{10}	0*60	2*60	4.36758	1.632674	0.008513	1.13500	7.60016
{2}-{11}	0*60	2*120	3.15867	1.966986	0.110937	-0.73583	7.05316
{2}-{12}	0*60	2*180	6.67088	1.966986	0.000942	2.77638	10.56537
{2}-{13}	0*60	3*30	4.97804	1.966986	0.012674	1.08354	8.87253
{2}-{14}	0*60	3*60	4.12473	1.632674	0.012827	0.89215	7.35732
{2}-{15}	0*60	3*120	8.28855	1.966986	0.000049	4.39406	12.18305
{2}-{16}	0*60	3*180	10.12804	1.966986	0.000001	6.23354	14.02253
{2}-{17}	0*60	4*30	6.63228	1.966986	0.001005	2.73779	10.52678
{2}-{18}	0*60	4*60	8.40625	1.632674	0.000001	5.17367	11.63883
{2}-{19}	0*60	4*120	10.84280	1.966986	0.000000	6.94830	14.73729
{2}-{20}	0*60	4*180	9.69137	1.966986	0.000003	5.79688	13.58587
{3}-{4}	0*120	0*180	1.77585	1.861386	0.341978	-1.90957	5.46126
{3}-{5}	0*120	1*30	-1.76764	1.966986	0.370638	-5.66213	2.12686
{3}-{6}	0*120	1*60	-2.60276	1.966986	0.188277	-6.49725	1.29174
{3}-{7}	0*120	1*120	0.05197	1.632674	0.974660	-3.18061	3.28455
{3}-{8}	0*120	1*180	3.36418	1.966986	0.089790	-0.53031	7.25868
{3}-{9}	0*120	2*30	-0.80658	1.966986	0.682495	-4.70107	3.08792
{3}-{10}	0*120	2*60	1.50376	1.966986	0.446071	-2.39074	5.39825
{3}-{11}	0*120	2*120	0.29485	1.632674	0.856992	-2.93773	3.52743
{3}-{12}	0*120	2*180	3.80706	1.966986	0.055284	-0.08743	7.70156
{3}-{13}	0*120	3*30	2.11422	1.966986	0.284597	-1.78028	6.00871
{3}-{14}	0*120	3*60	1.26092	1.966986	0.522719	-2.63358	5.15541
{3}-{15}	0*120	3*120	5.42473	1.632674	0.001183	2.19215	8.65732
{3}-{16}	0*120	3*180	7.26422	1.966986	0.000335	3.36972	11.15871

{3}-{17}	0*120	4*30	3.76846	1.966986	0.057762	-0.12603	7.66296
{3}-{18}	0*120	4*60	5.54243	1.966986	0.005658	1.64794	9.43693
{3}-{19}	0*120	4*120	7.97898	1.632674	0.000003	4.74640	11.21156
{3}-{20}	0*120	4*180	6.82755	1.966986	0.000721	2.93306	10.72205
{4}-{5}	0*180	1*30	-3.54348	1.966986	0.074138	-7.43798	0.35101
{4}-{6}	0*180	1*60	-4.37861	1.966986	0.027878	-8.27310	-0.48411
{4}-{7}	0*180	1*120	-1.72388	1.966986	0.382560	-5.61837	2.17062
{4}-{8}	0*180	1*180	1.58833	1.632674	0.332589	-1.64425	4.82091
{4}-{9}	0*180	2*30	-2.58242	1.966986	0.191727	-6.47692	1.31207
{4}-{10}	0*180	2*60	-0.27209	1.966986	0.890212	-4.16659	3.62240
{4}-{11}	0*180	2*120	-1.48100	1.966986	0.452967	-5.37549	2.41349
{4}-{12}	0*180	2*180	2.03121	1.632674	0.215887	-1.20137	5.26379
{4}-{13}	0*180	3*30	0.33837	1.966986	0.863707	-3.55612	4.23287
{4}-{14}	0*180	3*60	-0.51493	1.966986	0.793934	-4.40943	3.37956
{4}-{15}	0*180	3*120	3.64889	1.966986	0.066041	-0.24561	7.54338
{4}-{16}	0*180	3*180	5.48837	1.632674	0.001040	2.25579	8.72095
{4}-{17}	0*180	4*30	1.99261	1.966986	0.313085	-1.90188	5.88711
{4}-{18}	0*180	4*60	3.76658	1.966986	0.057885	-0.12791	7.66108
{4}-{19}	0*180	4*120	6.20313	1.966986	0.002038	2.30863	10.09762
{4}-{20}	0*180	4*180	5.05170	1.632674	0.002456	1.81912	8.28429
{5}-{6}	1*30	1*60	-0.83512	1.861386	0.654489	-4.52054	2.85029
{5}-{7}	1*30	1*120	1.81961	1.861386	0.330261	-1.86581	5.50502
{5}-{8}	1*30	1*180	5.13182	1.861386	0.006746	1.44640	8.81723
{5}-{9}	1*30	2*30	0.96106	1.632674	0.557208	-2.27152	4.19364
{5}-{10}	1*30	2*60	3.27139	1.966986	0.098892	-0.62310	7.16589
{5}-{11}	1*30	2*120	2.06248	1.966986	0.296492	-1.83201	5.95698

{5}-{12}	1*30	2*180	5.57470	1.966986	0.005393	1.68020	9.46919
{5}-{13}	1*30	3*30	3.88186	1.632674	0.019005	0.64928	7.11444
{5}-{14}	1*30	3*60	3.02855	1.966986	0.126268	-0.86594	6.92305
{5}-{15}	1*30	3*120	7.19237	1.966986	0.000381	3.29788	11.08687
{5}-{16}	1*30	3*180	9.03186	1.966986	0.000011	5.13736	12.92635
{5}-{17}	1*30	4*30	5.53610	1.632674	0.000944	2.30352	8.76868
{5}-{18}	1*30	4*60	7.31007	1.966986	0.000308	3.41557	11.20456
{5}-{19}	1*30	4*120	9.74661	1.966986	0.000002	5.85212	13.64111
{5}-{20}	1*30	4*180	8.59519	1.966986	0.000027	4.70069	12.48968
{6}-{7}	1*60	1*120	2.65473	1.861386	0.156404	-1.03069	6.34014
{6}-{8}	1*60	1*180	5.96694	1.861386	0.001727	2.28152	9.65235
{6}-{9}	1*60	2*30	1.79618	1.966986	0.362987	-2.09831	5.69068
{6}-{10}	1*60	2*60	4.10652	1.632674	0.013218	0.87393	7.33910
{6}-{11}	1*60	2*120	2.89761	1.966986	0.143337	-0.99689	6.79210
{6}-{12}	1*60	2*180	6.40982	1.966986	0.001456	2.51532	10.30431
{6}-{13}	1*60	3*30	4.71698	1.966986	0.018023	0.82248	8.61147
{6}-{14}	1*60	3*60	3.86367	1.632674	0.019560	0.63109	7.09625
{6}-{15}	1*60	3*120	8.02749	1.966986	0.000081	4.13300	11.92199
{6}-{16}	1*60	3*180	9.86698	1.966986	0.000002	5.97248	13.76147
{6}-{17}	1*60	4*30	6.37122	1.966986	0.001551	2.47672	10.26571
{6}-{18}	1*60	4*60	8.14519	1.632674	0.000002	4.91261	11.37777
{6}-{19}	1*60	4*120	10.58173	1.966986	0.000000	6.68724	14.47623
{6}-{20}	1*60	4*180	9.43031	1.966986	0.000005	5.53582	13.32481
{7}-{8}	1*120	1*180	3.31221	1.861386	0.077700	-0.37320	6.99763
{7}-{9}	1*120	2*30	-0.85855	1.966986	0.663274	-4.75304	3.03595
{7}-{10}	1*120	2*60	1.45179	1.966986	0.461908	-2.44271	5.34628

{7}-{11}	1*120	2*120	0.24288	1.632674	0.881992	-2.98970	3.47546
{7}-{12}	1*120	2*180	3.75509	1.966986	0.058643	-0.13940	7.64959
{7}-{13}	1*120	3*30	2.06225	1.966986	0.296547	-1.83224	5.95674
{7}-{14}	1*120	3*60	1.20895	1.966986	0.539970	-2.68555	5.10344
{7}-{15}	1*120	3*120	5.37277	1.632674	0.001312	2.14018	8.60535
{7}-{16}	1*120	3*180	7.21225	1.966986	0.000367	3.31776	11.10674
{7}-{17}	1*120	4*30	3.71649	1.966986	0.061247	-0.17800	7.61099
{7}-{18}	1*120	4*60	5.49046	1.966986	0.006110	1.59597	9.38496
{7}-{19}	1*120	4*120	7.92701	1.632674	0.000004	4.69443	11.15959
{7}-{20}	1*120	4*180	6.77558	1.966986	0.000788	2.88109	10.67008
{8}-{9}	1*180	2*30	-4.17076	1.966986	0.036033	-8.06525	-0.27626
{8}-{10}	1*180	2*60	-1.86042	1.966986	0.346138	-5.75492	2.03407
{8}-{11}	1*180	2*120	-3.06933	1.966986	0.121293	-6.96383	0.82516
{8}-{12}	1*180	2*180	0.44288	1.632674	0.786657	-2.78970	3.67546
{8}-{13}	1*180	3*30	-1.24996	1.966986	0.526331	-5.14446	2.64453
{8}-{14}	1*180	3*60	-2.10327	1.966986	0.287088	-5.99776	1.79123
{8}-{15}	1*180	3*120	2.06055	1.966986	0.296943	-1.83394	5.95505
{8}-{16}	1*180	3*180	3.90004	1.632674	0.018465	0.66746	7.13262
{8}-{17}	1*180	4*30	0.40428	1.966986	0.837504	-3.49021	4.29878
{8}-{18}	1*180	4*60	2.17825	1.966986	0.270334	-1.71624	6.07274
{8}-{19}	1*180	4*120	4.61480	1.966986	0.020610	0.72030	8.50929
{8}-{20}	1*180	4*180	3.46337	1.632674	0.035955	0.23079	6.69595
{9}-{10}	2*30	2*60	2.31033	1.861386	0.216957	-1.37508	5.99575
{9}-{11}	2*30	2*120	1.10142	1.861386	0.555150	-2.58399	4.78684
{9}-{12}	2*30	2*180	4.61364	1.861386	0.014580	0.92822	8.29905
{9}-{13}	2*30	3*30	2.92080	1.632674	0.076143	-0.31179	6.15338



{9}-{14}	2*30	3*60	2.06749	1.966986	0.295326	-1.82700	5.96199
{9}-{15}	2*30	3*120	6.23131	1.966986	0.001947	2.33682	10.12581
{9}-{16}	2*30	3*180	8.07080	1.966986	0.000075	4.17630	11.96529
{9}-{17}	2*30	4*30	4.57504	1.632674	0.005920	1.34246	7.80762
{9}-{18}	2*30	4*60	6.34901	1.966986	0.001609	2.45451	10.24350
{9}-{19}	2*30	4*120	8.78555	1.966986	0.000018	4.89106	12.68005
{9}-{20}	2*30	4*180	7.63413	1.966986	0.000170	3.73963	11.52862
{10}-{11}	2*60	2*120	-1.20891	1.861386	0.517278	-4.89432	2.47651
{10}-{12}	2*60	2*180	2.30330	1.861386	0.218350	-1.38211	5.98872
{10}-{13}	2*60	3*30	0.61046	1.966986	0.756830	-3.28403	4.50496
{10}-{14}	2*60	3*60	-0.24284	1.632674	0.882010	-3.47542	2.98974
{10}-{15}	2*60	3*120	3.92098	1.966986	0.048487	0.02648	7.81547
{10}-{16}	2*60	3*180	5.76046	1.966986	0.004076	1.86597	9.65496
{10}-{17}	2*60	4*30	2.26470	1.966986	0.251874	-1.62979	6.15920
{10}-{18}	2*60	4*60	4.03867	1.632674	0.014773	0.80609	7.27125
{10}-{19}	2*60	4*120	6.47522	1.966986	0.001307	2.58072	10.36971
{10}-{20}	2*60	4*180	5.32380	1.966986	0.007790	1.42930	9.21829
{11}-{12}	2*120	2*180	3.51221	1.861386	0.061593	-0.17320	7.19763
{11}-{13}	2*120	3*30	1.81937	1.966986	0.356846	-2.07512	5.71387
{11}-{14}	2*120	3*60	0.96607	1.966986	0.624223	-2.92843	4.86056
{11}-{15}	2*120	3*120	5.12989	1.632674	0.002114	1.89731	8.36247
{11}-{16}	2*120	3*180	6.96937	1.966986	0.000564	3.07488	10.86387
{11}-{17}	2*120	4*30	3.47361	1.966986	0.079946	-0.42088	7.36811
{11}-{18}	2*120	4*60	5.24758	1.966986	0.008689	1.35309	9.14208
{11}-{19}	2*120	4*120	7.68413	1.632674	0.000007	4.45155	10.91671
{11}-{20}	2*120	4*180	6.53270	1.966986	0.001188	2.63821	10.42720

{12}-{13}	2*180	3*30	-1.69284	1.966986	0.391160	-5.58734	2.20165
{12}-{14}	2*180	3*60	-2.54614	1.966986	0.197999	-6.44064	1.34835
{12}-{15}	2*180	3*120	1.61767	1.966986	0.412473	-2.27682	5.51217
{12}-{16}	2*180	3*180	3.45716	1.632674	0.036283	0.22458	6.68974
{12}-{17}	2*180	4*30	-0.03860	1.966986	0.984377	-3.93309	3.85590
{12}-{18}	2*180	4*60	1.73537	1.966986	0.379406	-2.15912	5.62987
{12}-{19}	2*180	4*120	4.17192	1.966986	0.035982	0.27742	8.06641
{12}-{20}	2*180	4*180	3.02049	1.632674	0.066769	-0.21209	6.25307
{13}-{14}	3*30	3*60	-0.85330	1.861386	0.647477	-4.53872	2.83211
{13}-{15}	3*30	3*120	3.31052	1.861386	0.077851	-0.37490	6.99593
{13}-{16}	3*30	3*180	5.15000	1.861386	0.006559	1.46458	8.83542
{13}-{17}	3*30	4*30	1.65424	1.632674	0.312998	-1.57834	4.88682
{13}-{18}	3*30	4*60	3.42821	1.966986	0.083917	-0.46628	7.32271
{13}-{19}	3*30	4*120	5.86476	1.966986	0.003473	1.97026	9.75925
{13}-{20}	3*30	4*180	4.71333	1.966986	0.018110	0.81884	8.60783
{14}-{15}	3*60	3*120	4.16382	1.861386	0.027137	0.47840	7.84923
{14}-{16}	3*60	3*180	6.00330	1.861386	0.001622	2.31789	9.68872
{14}-{17}	3*60	4*30	2.50755	1.966986	0.204837	-1.38695	6.40204
{14}-{18}	3*60	4*60	4.28152	1.632674	0.009863	1.04893	7.51410
{14}-{19}	3*60	4*120	6.71806	1.966986	0.000870	2.82357	10.61256
{14}-{20}	3*60	4*180	5.56664	1.966986	0.005458	1.67214	9.46113
{15}-{16}	3*120	3*180	1.83948	1.861386	0.325027	-1.84593	5.52490
{15}-{17}	3*120	4*30	-1.65627	1.966986	0.401443	-5.55077	2.23822
{15}-{18}	3*120	4*60	0.11770	1.966986	0.952386	-3.77680	4.01219
{15}-{19}	3*120	4*120	2.55424	1.632674	0.120344	-0.67834	5.78682
{15}-{20}	3*120	4*180	1.40282	1.966986	0.477118	-2.49168	5.29731

{16}-{17}	3*180	4*30	-3.49576	1.966986	0.078066	-7.39025	0.39874
{16}-{18}	3*180	4*60	-1.72179	1.966986	0.383136	-5.61628	2.17271
{16}-{19}	3*180	4*120	0.71476	1.966986	0.716963	-3.17974	4.60925
{16}-{20}	3*180	4*180	-0.43667	1.632674	0.789578	-3.66925	2.79591
{17}-{18}	4*30	4*60	1.77397	1.861386	0.342487	-1.91145	5.45939
{17}-{19}	4*30	4*120	4.21052	1.861386	0.025495	0.52510	7.89593
{17}-{20}	4*30	4*180	3.05909	1.861386	0.102908	-0.62632	6.74451
{18}-{19}	4*60	4*120	2.43655	1.861386	0.193037	-1.24887	6.12196
{18}-{20}	4*60	4*180	1.28512	1.861386	0.491269	-2.40029	4.97054
{19}-{20}	4*120	4*180	-1.15142	1.861386	0.537363	-4.83684	2.53399

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 47.652	{2} - 48.306	{3} - 46.434	{4} - 43.118	{5} - 48.405	{6} - 47.286	{7} - 43.879	{8} - 41.671	{9} - 44.560	{10} - 43.086	{11} - 44.651	{12} - 39.925	{13} - 43.479	{14} - 43.232	{15} - 37.788	{16} - 36.617	{17} - 41.861	{18} - 39.433	{19} - 36.361	{20} - 37.308
1	0	30		0.838708	0.704614	0.159681	0.810196	0.914077	0.266732	0.079512	0.325108	0.179495	0.376611	0.024081	0.184932	0.193752	0.004223	0.001436	0.066731	0.016560	0.001122	0.002743
2	0	60	0.838708		0.560321	0.108092	0.976536	0.745230	0.192999	0.052097	0.270182	0.097976	0.281976	0.014599	0.156077	0.107657	0.002337	0.000758	0.059075	0.005380	0.000586	0.001489
3	0	120	0.704614	0.560321		0.302788	0.561081	0.801500	0.415801	0.161585	0.580357	0.324115	0.569870	0.056633	0.383886	0.345648	0.006641	0.004401	0.178802	0.040564	0.001658	0.007970
4	0	180	0.159681	0.108092	0.302788		0.120559	0.220118	0.822395	0.644776	0.670646	0.992496	0.651139	0.309772	0.915189	0.973022	0.117670	0.039940	0.710783	0.278039	0.047989	0.065892
5	1	30	0.810196	0.976536	0.561081	0.120559		0.727554	0.160357	0.037694	0.221562	0.118360	0.269123	0.013493	0.118101	0.128735	0.002131	0.000686	0.038638	0.009052	0.000530	0.001353
6	1	60	0.914077	0.745230	0.801500	0.220118	0.727554		0.289727	0.082286	0.421645	0.182114	0.437321	0.031463	0.262444	0.197721	0.005810	0.002030	0.111270	0.013432	0.001595	0.003816
7	1	120	0.266732	0.192999	0.415801	0.822395	0.160357	0.289727		0.492264	0.840764	0.815088	0.805530	0.244726	0.906078	0.848795	0.054009	0.033791	0.551871	0.191140	0.017849	0.054384
8	1	180	0.079512	0.052097	0.161585	0.644776	0.037694	0.082286	0.492264		0.394764	0.676445	0.380034	0.578007	0.593994	0.645164	0.253177	0.108992	0.955370	0.509298	0.119017	0.165922
9	2	30	0.325108	0.270182	0.580357	0.670646	0.221562	0.421645	0.840764	0.394764		0.646468	0.977310	0.150748	0.730462	0.695443	0.047512	0.020483	0.390282	0.132153	0.016833	0.034039

10	2	60	0.179495	0.097976	0.324115	0.992496	0.118360	0.182114	0.815088	0.676445	0.646468		0.626204	0.325973	0.907732	0.962751	0.119859	0.058157	0.717795	0.245441	0.049035	0.090146
11	2	120	0.376611	0.281976	0.569870	0.651139	0.269123	0.437321	0.805530	0.380034	0.977310	0.626204		0.142931	0.729501	0.675653	0.030265	0.019107	0.411008	0.125465	0.009172	0.031888
12	2	180	0.024081	0.014599	0.056633	0.309772	0.013493	0.031463	0.244726	0.578007	0.150748	0.325973	0.142931		0.295485	0.330082	0.528642	0.292667	0.568159	0.884444	0.294059	0.404768
13	3	30	0.184932	0.156077	0.383886	0.915189	0.118101	0.262444	0.906078	0.593994	0.730462	0.907732	0.729501	0.295485		0.938863	0.078312	0.034284	0.606168	0.233900	0.037411	0.070557
14	3	60	0.193752	0.107657	0.345648	0.973022	0.128735	0.197721	0.848795	0.645164	0.695443	0.962751	0.675653	0.330082	0.938863		0.091934	0.041145	0.685778	0.227129	0.044383	0.082377
15	3	120	0.004223	0.002337	0.006641	0.117670	0.002131	0.005810	0.054009	0.253177	0.047512	0.119859	0.030265	0.528642	0.078312	0.091934		0.715439	0.230857	0.627661	0.649273	0.887411
16	3	180	0.001436	0.000758	0.004401	0.039940	0.000686	0.002030	0.033791	0.108992	0.020483	0.058157	0.019107	0.292667	0.034284	0.041145	0.715439		0.123646	0.406756	0.939799	0.825590
17	4	30	0.066731	0.059075	0.178802	0.710783	0.038638	0.111270	0.551871	0.955370	0.390282	0.717795	0.411008	0.568159	0.606168	0.685778	0.230857	0.123646		0.450115	0.088713	0.158027
18	4	60	0.016560	0.005380	0.040564	0.278039	0.009052	0.013432	0.191140	0.509298	0.132153	0.245441	0.125465	0.884444	0.233900	0.227129	0.627661	0.406756	0.450115		0.339760	0.508669
19	4	120	0.001122	0.000586	0.001658	0.047989	0.000530	0.001595	0.017849	0.119017	0.016833	0.049035	0.009172	0.294059	0.037411	0.044383	0.649273	0.939799	0.088713	0.339760		0.768076
20	4	180	0.002743	0.001489	0.007970	0.065892	0.001353	0.003816	0.054384	0.165922	0.034039	0.090146	0.031888	0.404768	0.070557	0.082377	0.887411	0.825590	0.158027	0.508669	0.768076	

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.65370	3.204585	0.838708	-6.9986	5.69116
{1}-{3}	0*30	0*120	1.21776	3.204585	0.704614	-5.1271	7.56261
{1}-{4}	0*30	0*180	4.53424	3.204585	0.159681	-1.8106	10.87910
{1}-{5}	0*30	1*30	-0.75337	3.129885	0.810196	-6.9503	5.44358
{1}-{6}	0*30	1*60	0.36566	3.381821	0.914077	-6.3301	7.06143
{1}-{7}	0*30	1*120	3.77348	3.381821	0.266732	-2.9223	10.46925
{1}-{8}	0*30	1*180	5.98087	3.381821	0.079512	-0.7149	12.67664

{1}-{9}	0*30	2*30	3.09254	3.129885	0.325108	-3.1044	9.28949
{1}-{10}	0*30	2*60	4.56611	3.381821	0.179495	-2.1297	11.26188
{1}-{11}	0*30	2*120	3.00120	3.381821	0.376611	-3.6946	9.69697
{1}-{12}	0*30	2*180	7.72678	3.381821	0.024081	1.0310	14.42255
{1}-{13}	0*30	3*30	4.17333	3.129885	0.184932	-2.0236	10.37029
{1}-{14}	0*30	3*60	4.41964	3.381821	0.193752	-2.2761	11.11541
{1}-{15}	0*30	3*120	9.86382	3.381821	0.004223	3.1680	16.55959
{1}-{16}	0*30	3*180	11.03485	3.381821	0.001436	4.3391	17.73062
{1}-{17}	0*30	4*30	5.79121	3.129885	0.066731	-0.4057	11.98817
{1}-{18}	0*30	4*60	8.21933	3.381821	0.016560	1.5236	14.91510
{1}-{19}	0*30	4*120	11.29079	3.381821	0.001122	4.5950	17.98656
{1}-{20}	0*30	4*180	10.34364	3.381821	0.002743	3.6479	17.03941
{2}-{3}	0*60	0*120	1.87145	3.204585	0.560321	-4.4734	8.21631
{2}-{4}	0*60	0*180	5.18794	3.204585	0.108092	-1.1569	11.53279
{2}-{5}	0*60	1*30	-0.09967	3.381821	0.976536	-6.7954	6.59610
{2}-{6}	0*60	1*60	1.01936	3.129885	0.745230	-5.1776	7.21631
{2}-{7}	0*60	1*120	4.42717	3.381821	0.192999	-2.2686	11.12294
{2}-{8}	0*60	1*180	6.63457	3.381821	0.052097	-0.0612	13.33034
{2}-{9}	0*60	2*30	3.74623	3.381821	0.270182	-2.9495	10.44201
{2}-{10}	0*60	2*60	5.21981	3.129885	0.097976	-0.9771	11.41676
{2}-{11}	0*60	2*120	3.65490	3.381821	0.281976	-3.0409	10.35067
{2}-{12}	0*60	2*180	8.38048	3.381821	0.014599	1.6847	15.07625
{2}-{13}	0*60	3*30	4.82703	3.381821	0.156077	-1.8687	11.52280
{2}-{14}	0*60	3*60	5.07333	3.129885	0.107657	-1.1236	11.27029
{2}-{15}	0*60	3*120	10.51752	3.381821	0.002337	3.8217	17.21329
{2}-{16}	0*60	3*180	11.68855	3.381821	0.000758	4.9928	18.38432

{2}-{17}	0*60	4*30	6.44491	3.381821	0.059075	-0.2509	13.14068
{2}-{18}	0*60	4*60	8.87303	3.129885	0.005380	2.6761	15.06998
{2}-{19}	0*60	4*120	11.94448	3.381821	0.000586	5.2487	18.64026
{2}-{20}	0*60	4*180	10.99733	3.381821	0.001489	4.3016	17.69310
{3}-{4}	0*120	0*180	3.31648	3.204585	0.302788	-3.0284	9.66134
{3}-{5}	0*120	1*30	-1.97113	3.381821	0.561081	-8.6669	4.72464
{3}-{6}	0*120	1*60	-0.85210	3.381821	0.801500	-7.5479	5.84367
{3}-{7}	0*120	1*120	2.55572	3.129885	0.415801	-3.6412	8.75267
{3}-{8}	0*120	1*180	4.76311	3.381821	0.161585	-1.9327	11.45888
{3}-{9}	0*120	2*30	1.87478	3.381821	0.580357	-4.8210	8.57055
{3}-{10}	0*120	2*60	3.34836	3.381821	0.324115	-3.3474	10.04413
{3}-{11}	0*120	2*120	1.78345	3.129885	0.569870	-4.4135	7.98040
{3}-{12}	0*120	2*180	6.50902	3.381821	0.056633	-0.1867	13.20479
{3}-{13}	0*120	3*30	2.95558	3.381821	0.383886	-3.7402	9.65135
{3}-{14}	0*120	3*60	3.20188	3.381821	0.345648	-3.4939	9.89765
{3}-{15}	0*120	3*120	8.64606	3.129885	0.006641	2.4491	14.84301
{3}-{16}	0*120	3*180	9.81709	3.381821	0.004401	3.1213	16.51286
{3}-{17}	0*120	4*30	4.57345	3.381821	0.178802	-2.1223	11.26922
{3}-{18}	0*120	4*60	7.00158	3.381821	0.040564	0.3058	13.69735
{3}-{19}	0*120	4*120	10.07303	3.129885	0.001658	3.8761	16.26998
{3}-{20}	0*120	4*180	9.12588	3.381821	0.007970	2.4301	15.82165
{4}-{5}	0*180	1*30	-5.28761	3.381821	0.120559	-11.9834	1.40816
{4}-{6}	0*180	1*60	-4.16858	3.381821	0.220118	-10.8644	2.52719
{4}-{7}	0*180	1*120	-0.76077	3.381821	0.822395	-7.4565	5.93501
{4}-{8}	0*180	1*180	1.44663	3.129885	0.644776	-4.7503	7.64358
{4}-{9}	0*180	2*30	-1.44170	3.381821	0.670646	-8.1375	5.25407

{4}-{10}	0*180	2*60	0.03187	3.381821	0.992496	-6.6639	6.72764
{4}-{11}	0*180	2*120	-1.53304	3.381821	0.651139	-8.2288	5.16273
{4}-{12}	0*180	2*180	3.19254	3.129885	0.309772	-3.0044	9.38949
{4}-{13}	0*180	3*30	-0.36091	3.381821	0.915189	-7.0567	6.33486
{4}-{14}	0*180	3*60	-0.11461	3.381821	0.973022	-6.8104	6.58116
{4}-{15}	0*180	3*120	5.32958	3.381821	0.117670	-1.3662	12.02535
{4}-{16}	0*180	3*180	6.50061	3.129885	0.039940	0.3037	12.69756
{4}-{17}	0*180	4*30	1.25697	3.381821	0.710783	-5.4388	7.95274
{4}-{18}	0*180	4*60	3.68509	3.381821	0.278039	-3.0107	10.38086
{4}-{19}	0*180	4*120	6.75655	3.381821	0.047989	0.0608	13.45232
{4}-{20}	0*180	4*180	5.80939	3.129885	0.065892	-0.3876	12.00635
{5}-{6}	1*30	1*60	1.11903	3.204585	0.727554	-5.2258	7.46388
{5}-{7}	1*30	1*120	4.52685	3.204585	0.160357	-1.8180	10.87170
{5}-{8}	1*30	1*180	6.73424	3.204585	0.037694	0.3894	13.07910
{5}-{9}	1*30	2*30	3.84591	3.129885	0.221562	-2.3510	10.04286
{5}-{10}	1*30	2*60	5.31948	3.381821	0.118360	-1.3763	12.01526
{5}-{11}	1*30	2*120	3.75458	3.381821	0.269123	-2.9412	10.45035
{5}-{12}	1*30	2*180	8.48015	3.381821	0.013493	1.7844	15.17592
{5}-{13}	1*30	3*30	4.92670	3.129885	0.118101	-1.2702	11.12366
{5}-{14}	1*30	3*60	5.17301	3.381821	0.128735	-1.5228	11.86878
{5}-{15}	1*30	3*120	10.61719	3.381821	0.002131	3.9214	17.31296
{5}-{16}	1*30	3*180	11.78822	3.381821	0.000686	5.0924	18.48399
{5}-{17}	1*30	4*30	6.54458	3.129885	0.038638	0.3476	12.74154
{5}-{18}	1*30	4*60	8.97270	3.381821	0.009052	2.2769	15.66847
{5}-{19}	1*30	4*120	12.04416	3.381821	0.000530	5.3484	18.73993
{5}-{20}	1*30	4*180	11.09701	3.381821	0.001353	4.4012	17.79278

{6}-{7}	1*60	1*120	3.40782	3.204585	0.289727	-2.9370	9.75267
{6}-{8}	1*60	1*180	5.61521	3.204585	0.082286	-0.7296	11.96007
{6}-{9}	1*60	2*30	2.72688	3.381821	0.421645	-3.9689	9.42265
{6}-{10}	1*60	2*60	4.20045	3.129885	0.182114	-1.9965	10.39741
{6}-{11}	1*60	2*120	2.63555	3.381821	0.437321	-4.0602	9.33132
{6}-{12}	1*60	2*180	7.36112	3.381821	0.031463	0.6654	14.05689
{6}-{13}	1*60	3*30	3.80767	3.381821	0.262444	-2.8881	10.50344
{6}-{14}	1*60	3*60	4.05398	3.129885	0.197721	-2.1430	10.25093
{6}-{15}	1*60	3*120	9.49816	3.381821	0.005810	2.8024	16.19393
{6}-{16}	1*60	3*180	10.66919	3.381821	0.002030	3.9734	17.36496
{6}-{17}	1*60	4*30	5.42555	3.381821	0.111270	-1.2702	12.12132
{6}-{18}	1*60	4*60	7.85367	3.129885	0.013432	1.6567	14.05063
{6}-{19}	1*60	4*120	10.92513	3.381821	0.001595	4.2294	17.62090
{6}-{20}	1*60	4*180	9.97798	3.381821	0.003816	3.2822	16.67375
{7}-{8}	1*120	1*180	2.20739	3.204585	0.492264	-4.1375	8.55225
{7}-{9}	1*120	2*30	-0.68094	3.381821	0.840764	-7.3767	6.01483
{7}-{10}	1*120	2*60	0.79264	3.381821	0.815088	-5.9031	7.48841
{7}-{11}	1*120	2*120	-0.77227	3.129885	0.805530	-6.9692	5.42468
{7}-{12}	1*120	2*180	3.95330	3.381821	0.244726	-2.7425	10.64907
{7}-{13}	1*120	3*30	0.39986	3.381821	0.906078	-6.2959	7.09563
{7}-{14}	1*120	3*60	0.64616	3.381821	0.848795	-6.0496	7.34193
{7}-{15}	1*120	3*120	6.09034	3.129885	0.054009	-0.1066	12.28729
{7}-{16}	1*120	3*180	7.26137	3.381821	0.033791	0.5656	13.95714
{7}-{17}	1*120	4*30	2.01773	3.381821	0.551871	-4.6780	8.71351
{7}-{18}	1*120	4*60	4.44586	3.381821	0.191140	-2.2499	11.14163
{7}-{19}	1*120	4*120	7.51731	3.129885	0.017849	1.3204	13.71426



{7}-{20}	1*120	4*180	6.57016	3.381821	0.054384	-0.1256	13.26593
{8}-{9}	1*180	2*30	-2.88833	3.381821	0.394764	-9.5841	3.80744
{8}-{10}	1*180	2*60	-1.41476	3.381821	0.676445	-8.1105	5.28101
{8}-{11}	1*180	2*120	-2.97967	3.381821	0.380034	-9.6754	3.71610
{8}-{12}	1*180	2*180	1.74591	3.129885	0.578007	-4.4510	7.94286
{8}-{13}	1*180	3*30	-1.80754	3.381821	0.593994	-8.5033	4.88823
{8}-{14}	1*180	3*60	-1.56123	3.381821	0.645164	-8.2570	5.13454
{8}-{15}	1*180	3*120	3.88295	3.381821	0.253177	-2.8128	10.57872
{8}-{16}	1*180	3*180	5.05398	3.129885	0.108992	-1.1430	11.25093
{8}-{17}	1*180	4*30	-0.18966	3.381821	0.955370	-6.8854	6.50611
{8}-{18}	1*180	4*60	2.23846	3.381821	0.509298	-4.4573	8.93423
{8}-{19}	1*180	4*120	5.30992	3.381821	0.119017	-1.3859	12.00569
{8}-{20}	1*180	4*180	4.36277	3.129885	0.165922	-1.8342	10.55972
{9}-{10}	2*30	2*60	1.47358	3.204585	0.646468	-4.8713	7.81843
{9}-{11}	2*30	2*120	-0.09133	3.204585	0.977310	-6.4362	6.25352
{9}-{12}	2*30	2*180	4.63424	3.204585	0.150748	-1.7106	10.97910
{9}-{13}	2*30	3*30	1.08080	3.129885	0.730462	-5.1162	7.27775
{9}-{14}	2*30	3*60	1.32710	3.381821	0.695443	-5.3687	8.02287
{9}-{15}	2*30	3*120	6.77128	3.381821	0.047512	0.0755	13.46705
{9}-{16}	2*30	3*180	7.94231	3.381821	0.020483	1.2465	14.63808
{9}-{17}	2*30	4*30	2.69867	3.129885	0.390282	-3.4983	8.89563
{9}-{18}	2*30	4*60	5.12680	3.381821	0.132153	-1.5690	11.82257
{9}-{19}	2*30	4*120	8.19825	3.381821	0.016833	1.5025	14.89402
{9}-{20}	2*30	4*180	7.25110	3.381821	0.034039	0.5553	13.94687
{10}-{11}	2*60	2*120	-1.56491	3.204585	0.626204	-7.9098	4.77995
{10}-{12}	2*60	2*180	3.16067	3.204585	0.325973	-3.1842	9.50552

{10}-{13}	2*60	3*30	-0.39278	3.381821	0.907732	-7.0886	6.30299
{10}-{14}	2*60	3*60	-0.14648	3.129885	0.962751	-6.3434	6.05048
{10}-{15}	2*60	3*120	5.29770	3.381821	0.119859	-1.3981	11.99347
{10}-{16}	2*60	3*180	6.46873	3.381821	0.058157	-0.2270	13.16451
{10}-{17}	2*60	4*30	1.22510	3.381821	0.717795	-5.4707	7.92087
{10}-{18}	2*60	4*60	3.65322	3.129885	0.245441	-2.5437	9.85017
{10}-{19}	2*60	4*120	6.72467	3.381821	0.049035	0.0289	13.42044
{10}-{20}	2*60	4*180	5.77752	3.381821	0.090146	-0.9182	12.47329
{11}-{12}	2*120	2*180	4.72558	3.204585	0.142931	-1.6193	11.07043
{11}-{13}	2*120	3*30	1.17213	3.381821	0.729501	-5.5236	7.86790
{11}-{14}	2*120	3*60	1.41843	3.381821	0.675653	-5.2773	8.11420
{11}-{15}	2*120	3*120	6.86261	3.129885	0.030265	0.6657	13.05957
{11}-{16}	2*120	3*180	8.03364	3.381821	0.019107	1.3379	14.72941
{11}-{17}	2*120	4*30	2.79001	3.381821	0.411008	-3.9058	9.48578
{11}-{18}	2*120	4*60	5.21813	3.381821	0.125465	-1.4776	11.91390
{11}-{19}	2*120	4*120	8.28958	3.129885	0.009172	2.0926	14.48654
{11}-{20}	2*120	4*180	7.34243	3.381821	0.031888	0.6467	14.03820
{12}-{13}	2*180	3*30	-3.55345	3.381821	0.295485	-10.2492	3.14232
{12}-{14}	2*180	3*60	-3.30714	3.381821	0.330082	-10.0029	3.38863
{12}-{15}	2*180	3*120	2.13704	3.381821	0.528642	-4.5587	8.83281
{12}-{16}	2*180	3*180	3.30807	3.129885	0.292667	-2.8889	9.50502
{12}-{17}	2*180	4*30	-1.93557	3.381821	0.568159	-8.6313	4.76020
{12}-{18}	2*180	4*60	0.49255	3.381821	0.884444	-6.2032	7.18832
{12}-{19}	2*180	4*120	3.56401	3.381821	0.294059	-3.1318	10.25978
{12}-{20}	2*180	4*180	2.61686	3.129885	0.404768	-3.5801	8.81381
{13}-{14}	3*30	3*60	0.24630	3.204585	0.938863	-6.0986	6.59116

{13}-{15}	3*30	3*120	5.69048	3.204585	0.078312	-0.6544	12.03534
{13}-{16}	3*30	3*180	6.86152	3.204585	0.034284	0.5167	13.20637
{13}-{17}	3*30	4*30	1.61788	3.129885	0.606168	-4.5791	7.81483
{13}-{18}	3*30	4*60	4.04600	3.381821	0.233900	-2.6498	10.74177
{13}-{19}	3*30	4*120	7.11745	3.381821	0.037411	0.4217	13.81322
{13}-{20}	3*30	4*180	6.17030	3.381821	0.070557	-0.5255	12.86607
{14}-{15}	3*60	3*120	5.44418	3.204585	0.091934	-0.9007	11.78904
{14}-{16}	3*60	3*180	6.61521	3.204585	0.041145	0.2704	12.96007
{14}-{17}	3*60	4*30	1.37158	3.381821	0.685778	-5.3242	8.06735
{14}-{18}	3*60	4*60	3.79970	3.129885	0.227129	-2.3973	9.99665
{14}-{19}	3*60	4*120	6.87115	3.381821	0.044383	0.1754	13.56692
{14}-{20}	3*60	4*180	5.92400	3.381821	0.082377	-0.7718	12.61977
{15}-{16}	3*120	3*180	1.17103	3.204585	0.715439	-5.1738	7.51588
{15}-{17}	3*120	4*30	-4.07261	3.381821	0.230857	-10.7684	2.62316
{15}-{18}	3*120	4*60	-1.64448	3.381821	0.627661	-8.3403	5.05129
{15}-{19}	3*120	4*120	1.42697	3.129885	0.649273	-4.7700	7.62392
{15}-{20}	3*120	4*180	0.47982	3.381821	0.887411	-6.2160	7.17559
{16}-{17}	3*180	4*30	-5.24364	3.381821	0.123646	-11.9394	1.45213
{16}-{18}	3*180	4*60	-2.81552	3.381821	0.406756	-9.5113	3.88026
{16}-{19}	3*180	4*120	0.25594	3.381821	0.939799	-6.4398	6.95171
{16}-{20}	3*180	4*180	-0.69121	3.129885	0.825590	-6.8882	5.50574
{17}-{18}	4*30	4*60	2.42812	3.204585	0.450115	-3.9167	8.77298
{17}-{19}	4*30	4*120	5.49958	3.204585	0.088713	-0.8453	11.84443
{17}-{20}	4*30	4*180	4.55242	3.204585	0.158027	-1.7924	10.89728
{18}-{19}	4*60	4*120	3.07145	3.204585	0.339760	-3.2734	9.41631
{18}-{20}	4*60	4*180	2.12430	3.204585	0.508669	-4.2206	8.46916

{19}-{20}	4*120	4*180	-0.94715	3.204585	0.768076	-7.2920	5.39770
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LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 40.357	{2} - 40.081	{3} - 35.948	{4} - 34.602	{5} - 38.859	{6} - 41.783	{7} - 39.405	{8} - 31.776	{9} - 39.256	{10} - 35.498	{11} - 36.847	{12} - 31.918	{13} - 34.959	{14} - 63.938	{15} - 30.523	{16} - 27.340	{17} - 32.508	{18} - 29.396	{19} - 24.972	{20} - 25.980
1	0	30		0.975516	0.624055	0.522419	0.867664	0.874151	0.915708	0.341264	0.902506	0.589476	0.696609	0.349303	0.548626	0.009778	0.275740	0.149844	0.383496	0.224675	0.089291	0.112045
2	0	60	0.975516		0.645901	0.542521	0.891954	0.849937	0.940068	0.356957	0.926907	0.610464	0.719393	0.365229	0.569540	0.008921	0.289371	0.158596	0.400779	0.236103	0.095112	0.119024
3	0	120	0.624055	0.645901		0.880919	0.746483	0.517194	0.700827	0.643064	0.713360	0.960062	0.920421	0.654425	0.912472	0.002291	0.546611	0.339741	0.702337	0.467049	0.223664	0.269237
4	0	180	0.522419	0.542521	0.880919		0.636366	0.425543	0.593796	0.753394	0.605284	0.920679	0.803016	0.765438	0.968308	0.001421	0.650582	0.420003	0.816071	0.563241	0.285790	0.338591
5	1	30	0.867664	0.891954	0.746483	0.636366		0.745060	0.951586	0.431412	0.964796	0.708912	0.823142	0.441178	0.664676	0.006091	0.355226	0.202133	0.480507	0.294166	0.124696	0.154178
6	1	60	0.874151	0.849937	0.517194	0.425543	0.745060		0.791413	0.266930	0.778903	0.485059	0.583638	0.274254	0.448894	0.014963	0.212403	0.110443	0.303831	0.170043	0.063676	0.081032
7	1	120	0.915708	0.940068	0.700827	0.593796	0.951586	0.791413		0.396862	0.986793	0.664355	0.776127	0.406191	0.621534	0.007255	0.324318	0.181710	0.444063	0.267327	0.110400	0.137602
8	1	180	0.341264	0.356957	0.643064	0.753394	0.431412	0.266930	0.396862		0.406606	0.679311	0.573383	0.987370	0.723631	0.000495	0.889315	0.621991	0.935170	0.791450	0.450202	0.519578
9	2	30	0.902506	0.926907	0.713360	0.605284	0.964796	0.778903	0.986793	0.406606		0.676088	0.788802	0.415086	0.632975	0.006919	0.332868	0.187124	0.453570	0.274477	0.114383	0.141981
10	2	60	0.589476	0.610464	0.960062	0.920679	0.708912	0.485059	0.664355	0.679311	0.676088		0.880728	0.690618	0.952276	0.001940	0.580691	0.365533	0.739790	0.497816	0.243531	0.291375
11	2	120	0.696609	0.719393	0.920421	0.803016	0.823142	0.583638	0.776127	0.573383	0.788802	0.880728		0.583789	0.833880	0.003124	0.482377	0.291943	0.629897	0.408388	0.188258	0.228662
12	2	180	0.349303	0.365229	0.654425	0.765438	0.441178	0.274254	0.406191	0.987370	0.415086	0.690618	0.583789		0.735510	0.000523	0.876833	0.610868	0.947755	0.779296	0.440804	0.509393
13	3	30	0.548626	0.569540	0.912472	0.968308	0.664676	0.448894	0.621534	0.723631	0.632975	0.952276	0.833880	0.735510		0.001598	0.621913	0.397449	0.785204	0.536789	0.268363	0.319418
14	3	60	0.009778	0.008921	0.002291	0.001421	0.006091	0.014963	0.007255	0.000495	0.006919	0.001940	0.003124	0.000523	0.001598		0.000300	0.000082	0.000655	0.000191	0.000030	0.000047
15	3	120	0.275740	0.289371	0.546611	0.650582	0.355226	0.212403	0.324318	0.889315	0.332868	0.580691	0.482377	0.876833	0.621913	0.000300		0.723362	0.825484	0.900298	0.537351	0.613858
16	3	180	0.149844	0.158596	0.339741	0.420003	0.202133	0.110443	0.181710	0.621991	0.187124	0.365533	0.291943	0.610868	0.397449	0.000082	0.723362		0.566090	0.819351	0.792497	0.879766
17	4	30	0.383496	0.400779	0.702337	0.816071	0.480507	0.303831	0.444063	0.935170	0.453570	0.739790	0.629897	0.947755	0.785204	0.000655	0.825484	0.566090		0.729281	0.402612	0.468257
18	4	60	0.224675	0.236103	0.467049	0.563241	0.294166	0.170043	0.267327	0.791450	0.274477	0.497816	0.408388	0.779296	0.536789	0.000191	0.900298	0.819351	0.729281		0.622879	0.704069

19	4	120	0.089291	0.095112	0.223664	0.285790	0.124696	0.063676	0.110400	0.450202	0.114383	0.243531	0.188258	0.440804	0.268363	0.000030	0.537351	0.792497	0.402612	0.622879		0.910766
20	4	180	0.112045	0.119024	0.269237	0.338591	0.154178	0.081032	0.137602	0.519578	0.141981	0.291375	0.228662	0.509393	0.319418	0.000047	0.613858	0.879766	0.468257	0.704069	0.910766	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	0.2759	8.971999	0.975516	-17.4880	18.0399
{1}-{3}	0*30	0*120	4.4087	8.971999	0.624055	-13.3553	22.1726
{1}-{4}	0*30	0*180	5.7556	8.971999	0.522419	-12.0084	23.5195
{1}-{5}	0*30	1*30	1.4985	8.973865	0.867664	-16.2691	19.2661
{1}-{6}	0*30	1*60	-1.4256	8.981324	0.874151	-19.2080	16.3568
{1}-{7}	0*30	1*120	0.9526	8.981324	0.915708	-16.8298	18.7350
{1}-{8}	0*30	1*180	8.5813	8.981324	0.341264	-9.2011	26.3637
{1}-{9}	0*30	2*30	1.1016	8.973865	0.902506	-16.6660	18.8692
{1}-{10}	0*30	2*60	4.8593	8.981324	0.589476	-12.9230	22.6417
{1}-{11}	0*30	2*120	3.5103	8.981324	0.696609	-14.2721	21.2927
{1}-{12}	0*30	2*180	8.4390	8.981324	0.349303	-9.3434	26.2214
{1}-{13}	0*30	3*30	5.3980	8.973865	0.548626	-12.3696	23.1656
{1}-{14}	0*30	3*60	-23.5806	8.981324	0.009778	-41.3630	-5.7982
{1}-{15}	0*30	3*120	9.8339	8.981324	0.275740	-7.9485	27.6163
{1}-{16}	0*30	3*180	13.0172	8.981324	0.149844	-4.7652	30.7996
{1}-{17}	0*30	4*30	7.8492	8.973865	0.383496	-9.9184	25.6169

{1}-{18}	0*30	4*60	10.9615	8.981324	0.224675	-6.8209	28.7439
{1}-{19}	0*30	4*120	15.3852	8.981324	0.089291	-2.3972	33.1676
{1}-{20}	0*30	4*180	14.3775	8.981324	0.112045	-3.4049	32.1599
{2}-{3}	0*60	0*120	4.1327	8.971999	0.645901	-13.6312	21.8967
{2}-{4}	0*60	0*180	5.4796	8.971999	0.542521	-12.2843	23.2436
{2}-{5}	0*60	1*30	1.2225	8.981324	0.891954	-16.5599	19.0049
{2}-{6}	0*60	1*60	-1.7015	8.973865	0.849937	-19.4691	16.0661
{2}-{7}	0*60	1*120	0.6767	8.981324	0.940068	-17.1057	18.4591
{2}-{8}	0*60	1*180	8.3054	8.981324	0.356957	-9.4770	26.0878
{2}-{9}	0*60	2*30	0.8257	8.981324	0.926907	-16.9567	18.6080
{2}-{10}	0*60	2*60	4.5834	8.973865	0.610464	-13.1842	22.3510
{2}-{11}	0*60	2*120	3.2343	8.981324	0.719393	-14.5481	21.0167
{2}-{12}	0*60	2*180	8.1630	8.981324	0.365229	-9.6194	25.9454
{2}-{13}	0*60	3*30	5.1221	8.981324	0.569540	-12.6603	22.9045
{2}-{14}	0*60	3*60	-23.8566	8.973865	0.008921	-41.6242	-6.0889
{2}-{15}	0*60	3*120	9.5580	8.981324	0.289371	-8.2244	27.3404
{2}-{16}	0*60	3*180	12.7413	8.981324	0.158596	-5.0411	30.5237
{2}-{17}	0*60	4*30	7.5733	8.981324	0.400779	-10.2091	25.3557
{2}-{18}	0*60	4*60	10.6856	8.973865	0.236103	-7.0820	28.4532
{2}-{19}	0*60	4*120	15.1092	8.981324	0.095112	-2.6732	32.8916
{2}-{20}	0*60	4*180	14.1016	8.981324	0.119024	-3.6808	31.8840
{3}-{4}	0*120	0*180	1.3469	8.971999	0.880919	-16.4170	19.1108
{3}-{5}	0*120	1*30	-2.9102	8.981324	0.746483	-20.6926	14.8722
{3}-{6}	0*120	1*60	-5.8342	8.981324	0.517194	-23.6166	11.9482
{3}-{7}	0*120	1*120	-3.4561	8.973865	0.700827	-21.2237	14.3116
{3}-{8}	0*120	1*180	4.1727	8.981324	0.643064	-13.6097	21.9551

{3}-{9}	0*120	2*30	-3.3071	8.981324	0.713360	-21.0895	14.4753
{3}-{10}	0*120	2*60	0.4507	8.981324	0.960062	-17.3317	18.2331
{3}-{11}	0*120	2*120	-0.8984	8.973865	0.920421	-18.6660	16.8692
{3}-{12}	0*120	2*180	4.0303	8.981324	0.654425	-13.7521	21.8127
{3}-{13}	0*120	3*30	0.9893	8.981324	0.912472	-16.7931	18.7717
{3}-{14}	0*120	3*60	-27.9893	8.981324	0.002291	-45.7717	-10.2069
{3}-{15}	0*120	3*120	5.4253	8.973865	0.546611	-12.3424	23.1929
{3}-{16}	0*120	3*180	8.6085	8.981324	0.339741	-9.1739	26.3909
{3}-{17}	0*120	4*30	3.4406	8.981324	0.702337	-14.3418	21.2230
{3}-{18}	0*120	4*60	6.5529	8.981324	0.467049	-11.2295	24.3353
{3}-{19}	0*120	4*120	10.9765	8.973865	0.223664	-6.7911	28.7441
{3}-{20}	0*120	4*180	9.9689	8.981324	0.269237	-7.8135	27.7513
{4}-{5}	0*180	1*30	-4.2571	8.981324	0.636366	-22.0395	13.5253
{4}-{6}	0*180	1*60	-7.1812	8.981324	0.425543	-24.9635	10.6012
{4}-{7}	0*180	1*120	-4.8030	8.981324	0.593796	-22.5854	12.9794
{4}-{8}	0*180	1*180	2.8258	8.973865	0.753394	-14.9419	20.5934
{4}-{9}	0*180	2*30	-4.6540	8.981324	0.605284	-22.4364	13.1284
{4}-{10}	0*180	2*60	-0.8962	8.981324	0.920679	-18.6786	16.8862
{4}-{11}	0*180	2*120	-2.2453	8.981324	0.803016	-20.0277	15.5371
{4}-{12}	0*180	2*180	2.6834	8.973865	0.765438	-15.0842	20.4510
{4}-{13}	0*180	3*30	-0.3576	8.981324	0.968308	-18.1400	17.4248
{4}-{14}	0*180	3*60	-29.3362	8.981324	0.001421	-47.1186	-11.5538
{4}-{15}	0*180	3*120	4.0784	8.981324	0.650582	-13.7040	21.8608
{4}-{16}	0*180	3*180	7.2616	8.973865	0.420003	-10.5060	25.0293
{4}-{17}	0*180	4*30	2.0937	8.981324	0.816071	-15.6887	19.8761
{4}-{18}	0*180	4*60	5.2060	8.981324	0.563241	-12.5764	22.9884

{4}-{19}	0*180	4*120	9.6296	8.981324	0.285790	-8.1528	27.4120
{4}-{20}	0*180	4*180	8.6220	8.973865	0.338591	-9.1457	26.3896
{5}-{6}	1*30	1*60	-2.9241	8.971999	0.745060	-20.6880	14.8399
{5}-{7}	1*30	1*120	-0.5459	8.971999	0.951586	-18.3098	17.2181
{5}-{8}	1*30	1*180	7.0828	8.971999	0.431412	-10.6811	24.8468
{5}-{9}	1*30	2*30	-0.3969	8.973865	0.964796	-18.1645	17.3707
{5}-{10}	1*30	2*60	3.3609	8.981324	0.708912	-14.4215	21.1433
{5}-{11}	1*30	2*120	2.0118	8.981324	0.823142	-15.7706	19.7942
{5}-{12}	1*30	2*180	6.9405	8.981324	0.441178	-10.8419	24.7229
{5}-{13}	1*30	3*30	3.8995	8.973865	0.664676	-13.8681	21.6671
{5}-{14}	1*30	3*60	-25.0791	8.981324	0.006091	-42.8615	-7.2967
{5}-{15}	1*30	3*120	8.3354	8.981324	0.355226	-9.4470	26.1178
{5}-{16}	1*30	3*180	11.5187	8.981324	0.202133	-6.2637	29.3011
{5}-{17}	1*30	4*30	6.3508	8.973865	0.480507	-11.4169	24.1184
{5}-{18}	1*30	4*60	9.4631	8.981324	0.294166	-8.3193	27.2455
{5}-{19}	1*30	4*120	13.8867	8.981324	0.124696	-3.8957	31.6691
{5}-{20}	1*30	4*180	12.8791	8.981324	0.154178	-4.9033	30.6615
{6}-{7}	1*60	1*120	2.3782	8.971999	0.791413	-15.3858	20.1421
{6}-{8}	1*60	1*180	10.0069	8.971999	0.266930	-7.7570	27.7708
{6}-{9}	1*60	2*30	2.5272	8.981324	0.778903	-15.2552	20.3096
{6}-{10}	1*60	2*60	6.2849	8.973865	0.485059	-11.4827	24.0526
{6}-{11}	1*60	2*120	4.9358	8.981324	0.583638	-12.8466	22.7182
{6}-{12}	1*60	2*180	9.8646	8.981324	0.274254	-7.9178	27.6470
{6}-{13}	1*60	3*30	6.8236	8.981324	0.448894	-10.9588	24.6060
{6}-{14}	1*60	3*60	-22.1550	8.973865	0.014963	-39.9227	-4.3874
{6}-{15}	1*60	3*120	11.2595	8.981324	0.212403	-6.5229	29.0419



{6}-{16}	1*60	3*180	14.4428	8.981324	0.110443	-3.3396	32.2252
{6}-{17}	1*60	4*30	9.2748	8.981324	0.303831	-8.5076	27.0572
{6}-{18}	1*60	4*60	12.3871	8.973865	0.170043	-5.3805	30.1547
{6}-{19}	1*60	4*120	16.8108	8.981324	0.063676	-0.9716	34.5932
{6}-{20}	1*60	4*180	15.8031	8.981324	0.081032	-1.9793	33.5855
{7}-{8}	1*120	1*180	7.6287	8.971999	0.396862	-10.1352	25.3927
{7}-{9}	1*120	2*30	0.1490	8.981324	0.986793	-17.6334	17.9314
{7}-{10}	1*120	2*60	3.9067	8.981324	0.664355	-13.8757	21.6891
{7}-{11}	1*120	2*120	2.5577	8.973865	0.776127	-15.2100	20.3253
{7}-{12}	1*120	2*180	7.4864	8.981324	0.406191	-10.2960	25.2688
{7}-{13}	1*120	3*30	4.4454	8.981324	0.621534	-13.3370	22.2278
{7}-{14}	1*120	3*60	-24.5332	8.981324	0.007255	-42.3156	-6.7508
{7}-{15}	1*120	3*120	8.8813	8.973865	0.324318	-8.8863	26.6490
{7}-{16}	1*120	3*180	12.0646	8.981324	0.181710	-5.7178	29.8470
{7}-{17}	1*120	4*30	6.8966	8.981324	0.444063	-10.8858	24.6790
{7}-{18}	1*120	4*60	10.0089	8.981324	0.267327	-7.7735	27.7913
{7}-{19}	1*120	4*120	14.4326	8.973865	0.110400	-3.3351	32.2002
{7}-{20}	1*120	4*180	13.4249	8.981324	0.137602	-4.3575	31.2073
{8}-{9}	1*180	2*30	-7.4797	8.981324	0.406606	-25.2621	10.3027
{8}-{10}	1*180	2*60	-3.7220	8.981324	0.679311	-21.5044	14.0604
{8}-{11}	1*180	2*120	-5.0711	8.981324	0.573383	-22.8535	12.7113
{8}-{12}	1*180	2*180	-0.1423	8.973865	0.987370	-17.9100	17.6253
{8}-{13}	1*180	3*30	-3.1833	8.981324	0.723631	-20.9657	14.5991
{8}-{14}	1*180	3*60	-32.1619	8.981324	0.000495	-49.9443	-14.3795
{8}-{15}	1*180	3*120	1.2526	8.981324	0.889315	-16.5298	19.0350
{8}-{16}	1*180	3*180	4.4359	8.973865	0.621991	-13.3318	22.2035

{8}-{17}	1*180	4*30	-0.7321	8.981324	0.935170	-18.5145	17.0503
{8}-{18}	1*180	4*60	2.3802	8.981324	0.791450	-15.4022	20.1626
{8}-{19}	1*180	4*120	6.8038	8.981324	0.450202	-10.9785	24.5862
{8}-{20}	1*180	4*180	5.7962	8.973865	0.519578	-11.9714	23.5638
{9}-{10}	2*30	2*60	3.7578	8.971999	0.676088	-14.0062	21.5217
{9}-{11}	2*30	2*120	2.4087	8.971999	0.788802	-15.3553	20.1726
{9}-{12}	2*30	2*180	7.3374	8.971999	0.415086	-10.4265	25.1013
{9}-{13}	2*30	3*30	4.2964	8.973865	0.632975	-13.4712	22.0640
{9}-{14}	2*30	3*60	-24.6822	8.981324	0.006919	-42.4646	-6.8998
{9}-{15}	2*30	3*120	8.7323	8.981324	0.332868	-9.0501	26.5147
{9}-{16}	2*30	3*180	11.9156	8.981324	0.187124	-5.8668	29.6980
{9}-{17}	2*30	4*30	6.7477	8.973865	0.453570	-11.0200	24.5153
{9}-{18}	2*30	4*60	9.8600	8.981324	0.274477	-7.9224	27.6424
{9}-{19}	2*30	4*120	14.2836	8.981324	0.114383	-3.4988	32.0660
{9}-{20}	2*30	4*180	13.2760	8.981324	0.141981	-4.5064	31.0584
{10}-{11}	2*60	2*120	-1.3491	8.971999	0.880728	-19.1130	16.4148
{10}-{12}	2*60	2*180	3.5796	8.971999	0.690618	-14.1843	21.3436
{10}-{13}	2*60	3*30	0.5386	8.981324	0.952276	-17.2438	18.3210
{10}-{14}	2*60	3*60	-28.4400	8.973865	0.001940	-46.2076	-10.6723
{10}-{15}	2*60	3*120	4.9746	8.981324	0.580691	-12.8078	22.7570
{10}-{16}	2*60	3*180	8.1579	8.981324	0.365533	-9.6245	25.9403
{10}-{17}	2*60	4*30	2.9899	8.981324	0.739790	-14.7925	20.7723
{10}-{18}	2*60	4*60	6.1022	8.973865	0.497816	-11.6654	23.8698
{10}-{19}	2*60	4*120	10.5258	8.981324	0.243531	-7.2566	28.3082
{10}-{20}	2*60	4*180	9.5182	8.981324	0.291375	-8.2642	27.3006
{11}-{12}	2*120	2*180	4.9287	8.971999	0.583789	-12.8352	22.6927

{11}-{13}	2*120	3*30	1.8877	8.981324	0.833880	-15.8947	19.6701
{11}-{14}	2*120	3*60	-27.0909	8.981324	0.003124	-44.8733	-9.3085
{11}-{15}	2*120	3*120	6.3237	8.973865	0.482377	-11.4440	24.0913
{11}-{16}	2*120	3*180	9.5069	8.981324	0.291943	-8.2755	27.2893
{11}-{17}	2*120	4*30	4.3390	8.981324	0.629897	-13.4434	22.1214
{11}-{18}	2*120	4*60	7.4513	8.981324	0.408388	-10.3311	25.2337
{11}-{19}	2*120	4*120	11.8749	8.973865	0.188258	-5.8927	29.6426
{11}-{20}	2*120	4*180	10.8673	8.981324	0.228662	-6.9151	28.6497
{12}-{13}	2*180	3*30	-3.0410	8.981324	0.735510	-20.8234	14.7414
{12}-{14}	2*180	3*60	-32.0196	8.981324	0.000523	-49.8020	-14.2372
{12}-{15}	2*180	3*120	1.3949	8.981324	0.876833	-16.3875	19.1773
{12}-{16}	2*180	3*180	4.5782	8.973865	0.610868	-13.1894	22.3458
{12}-{17}	2*180	4*30	-0.5897	8.981324	0.947755	-18.3721	17.1927
{12}-{18}	2*180	4*60	2.5226	8.981324	0.779296	-15.2598	20.3050
{12}-{19}	2*180	4*120	6.9462	8.981324	0.440804	-10.8362	24.7286
{12}-{20}	2*180	4*180	5.9386	8.973865	0.509393	-11.8291	23.7062
{13}-{14}	3*30	3*60	-28.9786	8.971999	0.001598	-46.7425	-11.2147
{13}-{15}	3*30	3*120	4.4359	8.971999	0.621913	-13.3280	22.1999
{13}-{16}	3*30	3*180	7.6192	8.971999	0.397449	-10.1447	25.3831
{13}-{17}	3*30	4*30	2.4513	8.973865	0.785204	-15.3164	20.2189
{13}-{18}	3*30	4*60	5.5636	8.981324	0.536789	-12.2188	23.3460
{13}-{19}	3*30	4*120	9.9872	8.981324	0.268363	-7.7952	27.7696
{13}-{20}	3*30	4*180	8.9796	8.981324	0.319418	-8.8028	26.7620
{14}-{15}	3*60	3*120	33.4145	8.971999	0.000300	15.6506	51.1785
{14}-{16}	3*60	3*180	36.5978	8.971999	0.000082	18.8339	54.3618
{14}-{17}	3*60	4*30	31.4299	8.981324	0.000655	13.6475	49.2123

{14}-{18}	3*60	4*60	34.5422	8.973865	0.000191	16.7745	52.3098
{14}-{19}	3*60	4*120	38.9658	8.981324	0.000030	21.1834	56.7482
{14}-{20}	3*60	4*180	37.9582	8.981324	0.000047	20.1758	55.7406
{15}-{16}	3*120	3*180	3.1833	8.971999	0.723362	-14.5807	20.9472
{15}-{17}	3*120	4*30	-1.9847	8.981324	0.825484	-19.7671	15.7977
{15}-{18}	3*120	4*60	1.1276	8.981324	0.900298	-16.6548	18.9100
{15}-{19}	3*120	4*120	5.5513	8.973865	0.537351	-12.2164	23.3189
{15}-{20}	3*120	4*180	4.5436	8.981324	0.613858	-13.2388	22.3260
{16}-{17}	3*180	4*30	-5.1680	8.981324	0.566090	-22.9504	12.6144
{16}-{18}	3*180	4*60	-2.0557	8.981324	0.819351	-19.8381	15.7267
{16}-{19}	3*180	4*120	2.3680	8.981324	0.792497	-15.4144	20.1504
{16}-{20}	3*180	4*180	1.3603	8.973865	0.879766	-16.4073	19.1280
{17}-{18}	4*30	4*60	3.1123	8.971999	0.729281	-14.6516	20.8762
{17}-{19}	4*30	4*120	7.5359	8.971999	0.402612	-10.2280	25.2999
{17}-{20}	4*30	4*180	6.5283	8.971999	0.468257	-11.2356	24.2922
{18}-{19}	4*60	4*120	4.4236	8.971999	0.622879	-13.3403	22.1876
{18}-{20}	4*60	4*180	3.4160	8.971999	0.704069	-14.3479	21.1799
{19}-{20}	4*120	4*180	-1.0076	8.971999	0.910766	-18.7716	16.7563

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 7.7510	{2} - 8.1881	{3} - 8.1817	{4} - 8.5826	{5} - 7.8424	{6} - 7.6159	{7} - 5.9367	{8} - 6.3467	{9} - 5.8514	{10} - 6.6977	{11} - 6.4549	{12} - 4.3194	{13} - 6.5431	{14} - 6.2348	{15} - 4.3557	{16} - 5.7747	{17} - 6.4838	{18} - 5.6301	{19} - 5.1327	{20} - 4.9700
1	0	30		0.701932	0.706124	0.466973	0.936221	0.905959	0.114388	0.220742	0.098220	0.357708	0.258160	0.003204	0.291425	0.186365	0.003530	0.085780	0.268501	0.065460	0.023464	0.016244

2	0	60	0.701932		0.995490	0.729867	0.762332	0.616564	0.050728	0.109111	0.042706	0.193506	0.131299	0.000942	0.151903	0.089172	0.001047	0.036448	0.137806	0.026652	0.008436	0.005604
3	0	120	0.706124	0.995490		0.725626	0.766637	0.620831	0.051194	0.110345	0.043273	0.195798	0.132409	0.000960	0.153503	0.090485	0.001057	0.036942	0.139289	0.027154	0.008518	0.005697
4	0	180	0.466973	0.729867	0.725626		0.517670	0.398478	0.022068	0.052127	0.018209	0.101094	0.064607	0.000283	0.076338	0.041756	0.000321	0.015182	0.068279	0.010842	0.003051	0.001939
5	1	30	0.936221	0.762332	0.766637	0.517670		0.842822	0.097090	0.191872	0.083248	0.317681	0.226271	0.002502	0.256618	0.161381	0.002761	0.072413	0.235668	0.054819	0.019123	0.013123
6	1	60	0.905959	0.616564	0.620831	0.398478	0.842822		0.143238	0.267617	0.124559	0.422082	0.310841	0.004577	0.348903	0.228033	0.005029	0.109161	0.323017	0.084039	0.031460	0.022065
7	1	120	0.114388	0.050728	0.051194	0.022068	0.097090	0.143238		0.719666	0.940512	0.506018	0.650234	0.158855	0.596013	0.794285	0.167983	0.887312	0.632388	0.788564	0.481962	0.398441
8	1	180	0.220742	0.109111	0.110345	0.052127	0.191872	0.267617	0.719666		0.664953	0.758861	0.924612	0.077837	0.863583	0.922060	0.083488	0.616727	0.904510	0.531098	0.289403	0.229495
9	2	30	0.098220	0.042706	0.043273	0.018209	0.083248	0.124559	0.940512	0.664953		0.459171	0.597414	0.181367	0.545099	0.737372	0.192306	0.946514	0.580037	0.846510	0.529907	0.441249
10	2	60	0.357708	0.193506	0.195798	0.101094	0.317681	0.422082	0.506018	0.758861	0.459171		0.831631	0.039008	0.892449	0.685422	0.042246	0.420081	0.851618	0.350842	0.172681	0.132532
11	2	120	0.258160	0.131299	0.132409	0.064607	0.226271	0.310841	0.650234	0.924612	0.597414	0.831631		0.063377	0.938467	0.847387	0.067992	0.552158	0.979782	0.471101	0.248382	0.195535
12	2	180	0.003204	0.000942	0.000960	0.000283	0.002502	0.004577	0.158855	0.077837	0.181367	0.039008	0.063377		0.053592	0.095739	0.974682	0.204137	0.060186	0.252852	0.477237	0.569209
13	3	30	0.291425	0.151903	0.153503	0.076338	0.256618	0.348903	0.596013	0.863583	0.545099	0.892449	0.938467	0.053592		0.787232	0.057295	0.501437	0.958609	0.425098	0.218754	0.170462
14	3	60	0.186365	0.089172	0.090485	0.041756	0.161381	0.228033	0.794285	0.922060	0.737372	0.685422	0.847387	0.095739	0.787232		0.101765	0.687109	0.827593	0.596713	0.335941	0.269749
15	3	120	0.003530	0.001047	0.001057	0.000321	0.002761	0.005029	0.167983	0.083488	0.192306	0.042246	0.067992	0.974682	0.057295	0.101765		0.215473	0.064548	0.266153	0.496710	0.591220
16	3	180	0.085780	0.036448	0.036942	0.015182	0.072413	0.109161	0.887312	0.616727	0.946514	0.420081	0.552158	0.204137	0.501437	0.687109	0.215473		0.535382	0.899337	0.574653	0.481550
17	4	30	0.268501	0.137806	0.139289	0.068279	0.235668	0.323017	0.632388	0.904510	0.580037	0.851618	0.979782	0.060186	0.958609	0.827593	0.064548	0.535382		0.455233	0.238128	0.186564
18	4	60	0.065460	0.026652	0.027154	0.010842	0.054819	0.084039	0.788564	0.531098	0.846510	0.350842	0.471101	0.252852	0.425098	0.596713	0.266153	0.899337	0.455233		0.663303	0.563500
19	4	120	0.023464	0.008436	0.008518	0.003051	0.019123	0.031460	0.481962	0.289403	0.529907	0.172681	0.248382	0.477237	0.218754	0.335941	0.496710	0.574653	0.238128	0.663303		0.886672
20	4	180	0.016244	0.005604	0.005697	0.001939	0.013123	0.022065	0.398441	0.229495	0.441249	0.132532	0.195535	0.569209	0.170462	0.269749	0.591220	0.481550	0.186564	0.563500	0.886672	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt

Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.43718	1.139596	0.701932	-2.69350	1.819139
{1}-{3}	0*30	0*120	-0.43073	1.139596	0.706124	-2.68705	1.825594
{1}-{4}	0*30	0*180	-0.83161	1.139596	0.466973	-3.08793	1.424715
{1}-{5}	0*30	1*30	-0.09140	1.139833	0.936221	-2.34819	2.165389
{1}-{6}	0*30	1*60	0.13505	1.140781	0.905959	-2.12361	2.393719
{1}-{7}	0*30	1*120	1.81423	1.140781	0.114388	-0.44443	4.072901
{1}-{8}	0*30	1*180	1.40427	1.140781	0.220742	-0.85440	3.662932
{1}-{9}	0*30	2*30	1.89955	1.139833	0.098220	-0.35724	4.156336
{1}-{10}	0*30	2*60	1.05327	1.140781	0.357708	-1.20539	3.311939
{1}-{11}	0*30	2*120	1.29609	1.140781	0.258160	-0.96258	3.554757
{1}-{12}	0*30	2*180	3.43158	1.140781	0.003204	1.17291	5.690242
{1}-{13}	0*30	3*30	1.20784	1.139833	0.291425	-1.04895	3.464631
{1}-{14}	0*30	3*60	1.51611	1.140781	0.186365	-0.74255	3.774780
{1}-{15}	0*30	3*120	3.39530	1.140781	0.003530	1.13663	5.653962
{1}-{16}	0*30	3*180	1.97623	1.140781	0.085780	-0.28243	4.234901
{1}-{17}	0*30	4*30	1.26712	1.139833	0.268501	-0.98967	3.523912
{1}-{18}	0*30	4*60	2.12085	1.140781	0.065460	-0.13782	4.379515
{1}-{19}	0*30	4*120	2.61821	1.140781	0.023464	0.35955	4.876878
{1}-{20}	0*30	4*180	2.78097	1.140781	0.016244	0.52230	5.039636
{2}-{3}	0*60	0*120	0.00645	1.139596	0.995490	-2.24987	2.262776
{2}-{4}	0*60	0*180	-0.39442	1.139596	0.729867	-2.65075	1.861897
{2}-{5}	0*60	1*30	0.34578	1.140781	0.762332	-1.91289	2.604447
{2}-{6}	0*60	1*60	0.57223	1.139833	0.616564	-1.68456	2.829025
{2}-{7}	0*60	1*120	2.25142	1.140781	0.050728	-0.00725	4.510083
{2}-{8}	0*60	1*180	1.84145	1.140781	0.109111	-0.41722	4.100113

{2}-{9}	0*60	2*30	2.33673	1.140781	0.042706	0.07806	4.595394
{2}-{10}	0*60	2*60	1.49045	1.139833	0.193506	-0.76634	3.747245
{2}-{11}	0*60	2*120	1.73327	1.140781	0.131299	-0.52539	3.991939
{2}-{12}	0*60	2*180	3.86876	1.140781	0.000942	1.61009	6.127424
{2}-{13}	0*60	3*30	1.64502	1.140781	0.151903	-0.61364	3.903689
{2}-{14}	0*60	3*60	1.95330	1.139833	0.089172	-0.30349	4.210086
{2}-{15}	0*60	3*120	3.83248	1.140781	0.001047	1.57381	6.091144
{2}-{16}	0*60	3*180	2.41342	1.140781	0.036448	0.15475	4.672083
{2}-{17}	0*60	4*30	1.70430	1.140781	0.137806	-0.55436	3.962969
{2}-{18}	0*60	4*60	2.55803	1.139833	0.026652	0.30124	4.814821
{2}-{19}	0*60	4*120	3.05539	1.140781	0.008436	0.79673	5.314060
{2}-{20}	0*60	4*180	3.21815	1.140781	0.005604	0.95949	5.476818
{3}-{4}	0*120	0*180	-0.40088	1.139596	0.725626	-2.65720	1.855442
{3}-{5}	0*120	1*30	0.33933	1.140781	0.766637	-1.91934	2.597992
{3}-{6}	0*120	1*60	0.56578	1.140781	0.620831	-1.69289	2.824447
{3}-{7}	0*120	1*120	2.24496	1.139833	0.051194	-0.01183	4.501753
{3}-{8}	0*120	1*180	1.83499	1.140781	0.110345	-0.42367	4.093659
{3}-{9}	0*120	2*30	2.33027	1.140781	0.043273	0.07161	4.588939
{3}-{10}	0*120	2*60	1.48400	1.140781	0.195798	-0.77467	3.742666
{3}-{11}	0*120	2*120	1.72682	1.139833	0.132409	-0.52997	3.983609
{3}-{12}	0*120	2*180	3.86230	1.140781	0.000960	1.60364	6.120969
{3}-{13}	0*120	3*30	1.63857	1.140781	0.153503	-0.62010	3.897235
{3}-{14}	0*120	3*60	1.94684	1.140781	0.090485	-0.31183	4.205507
{3}-{15}	0*120	3*120	3.82602	1.139833	0.001057	1.56923	6.082813
{3}-{16}	0*120	3*180	2.40696	1.140781	0.036942	0.14830	4.665628
{3}-{17}	0*120	4*30	1.69785	1.140781	0.139289	-0.56082	3.956515

{3}-{18}	0*120	4*60	2.55158	1.140781	0.027154	0.29291	4.810242
{3}-{19}	0*120	4*120	3.04894	1.139833	0.008518	0.79215	5.305730
{3}-{20}	0*120	4*180	3.21170	1.140781	0.005697	0.95303	5.470363
{4}-{5}	0*180	1*30	0.74020	1.140781	0.517670	-1.51846	2.998871
{4}-{6}	0*180	1*60	0.96666	1.140781	0.398478	-1.29201	3.225325
{4}-{7}	0*180	1*120	2.64584	1.140781	0.022068	0.38717	4.904507
{4}-{8}	0*180	1*180	2.23587	1.139833	0.052127	-0.02092	4.492662
{4}-{9}	0*180	2*30	2.73115	1.140781	0.018209	0.47249	4.989818
{4}-{10}	0*180	2*60	1.88488	1.140781	0.101094	-0.37379	4.143545
{4}-{11}	0*180	2*120	2.12770	1.140781	0.064607	-0.13097	4.386363
{4}-{12}	0*180	2*180	4.26318	1.139833	0.000283	2.00639	6.519972
{4}-{13}	0*180	3*30	2.03945	1.140781	0.076338	-0.21922	4.298113
{4}-{14}	0*180	3*60	2.34772	1.140781	0.041756	0.08905	4.606386
{4}-{15}	0*180	3*120	4.22690	1.140781	0.000321	1.96824	6.485568
{4}-{16}	0*180	3*180	2.80784	1.139833	0.015182	0.55105	5.064631
{4}-{17}	0*180	4*30	2.09873	1.140781	0.068279	-0.15994	4.357394
{4}-{18}	0*180	4*60	2.95245	1.140781	0.010842	0.69379	5.211121
{4}-{19}	0*180	4*120	3.44982	1.140781	0.003051	1.19115	5.708485
{4}-{20}	0*180	4*180	3.61258	1.139833	0.001939	1.35579	5.869366
{5}-{6}	1*30	1*60	0.22645	1.139596	0.842822	-2.02987	2.482776
{5}-{7}	1*30	1*120	1.90564	1.139596	0.097090	-0.35068	4.161958
{5}-{8}	1*30	1*180	1.49567	1.139596	0.191872	-0.76065	3.751988
{5}-{9}	1*30	2*30	1.99095	1.139833	0.083248	-0.26584	4.247737
{5}-{10}	1*30	2*60	1.14467	1.140781	0.317681	-1.11399	3.403341
{5}-{11}	1*30	2*120	1.38749	1.140781	0.226271	-0.87117	3.646159
{5}-{12}	1*30	2*180	3.52298	1.140781	0.002502	1.26431	5.781644



{5}-{13}	1*30	3*30	1.29924	1.139833	0.256618	-0.95755	3.556033
{5}-{14}	1*30	3*60	1.60752	1.140781	0.161381	-0.65115	3.866182
{5}-{15}	1*30	3*120	3.48670	1.140781	0.002761	1.22803	5.745363
{5}-{16}	1*30	3*180	2.06764	1.140781	0.072413	-0.19103	4.326303
{5}-{17}	1*30	4*30	1.35852	1.139833	0.235668	-0.89827	3.615313
{5}-{18}	1*30	4*60	2.21225	1.140781	0.054819	-0.04642	4.470916
{5}-{19}	1*30	4*120	2.70961	1.140781	0.019123	0.45095	4.968280
{5}-{20}	1*30	4*180	2.87237	1.140781	0.013123	0.61370	5.131038
{6}-{7}	1*60	1*120	1.67918	1.139596	0.143238	-0.57714	3.935503
{6}-{8}	1*60	1*180	1.26921	1.139596	0.267617	-0.98711	3.525533
{6}-{9}	1*60	2*30	1.76449	1.140781	0.124559	-0.49417	4.023159
{6}-{10}	1*60	2*60	0.91822	1.139833	0.422082	-1.33857	3.175010
{6}-{11}	1*60	2*120	1.16104	1.140781	0.310841	-1.09763	3.419704
{6}-{12}	1*60	2*180	3.29652	1.140781	0.004577	1.03786	5.555189
{6}-{13}	1*60	3*30	1.07279	1.140781	0.348903	-1.18588	3.331454
{6}-{14}	1*60	3*60	1.38106	1.139833	0.228033	-0.87573	3.637851
{6}-{15}	1*60	3*120	3.26024	1.140781	0.005029	1.00158	5.518909
{6}-{16}	1*60	3*180	1.84118	1.140781	0.109161	-0.41748	4.099848
{6}-{17}	1*60	4*30	1.13207	1.140781	0.323017	-1.12660	3.390735
{6}-{18}	1*60	4*60	1.98580	1.139833	0.084039	-0.27099	4.242586
{6}-{19}	1*60	4*120	2.48316	1.140781	0.031460	0.22449	4.741825
{6}-{20}	1*60	4*180	2.64592	1.140781	0.022065	0.38725	4.904583
{7}-{8}	1*120	1*180	-0.40997	1.139596	0.719666	-2.66629	1.846351
{7}-{9}	1*120	2*30	0.08531	1.140781	0.940512	-2.17336	2.343977
{7}-{10}	1*120	2*60	-0.76096	1.140781	0.506018	-3.01963	1.497704
{7}-{11}	1*120	2*120	-0.51814	1.139833	0.650234	-2.77493	1.738646

{7}-{12}	1*120	2*180	1.61734	1.140781	0.158855	-0.64133	3.876007
{7}-{13}	1*120	3*30	-0.60639	1.140781	0.596013	-2.86506	1.652272
{7}-{14}	1*120	3*60	-0.29812	1.140781	0.794285	-2.55679	1.960545
{7}-{15}	1*120	3*120	1.58106	1.139833	0.167983	-0.67573	3.837851
{7}-{16}	1*120	3*180	0.16200	1.140781	0.887312	-2.09667	2.420666
{7}-{17}	1*120	4*30	-0.54711	1.140781	0.632388	-2.80578	1.711553
{7}-{18}	1*120	4*60	0.30661	1.140781	0.788564	-1.95205	2.565280
{7}-{19}	1*120	4*120	0.80398	1.139833	0.481962	-1.45281	3.060768
{7}-{20}	1*120	4*180	0.96673	1.140781	0.398441	-1.29193	3.225401
{8}-{9}	1*180	2*30	0.49528	1.140781	0.664953	-1.76339	2.753947
{8}-{10}	1*180	2*60	-0.35099	1.140781	0.758861	-2.60966	1.907674
{8}-{11}	1*180	2*120	-0.10817	1.140781	0.924612	-2.36684	2.150492
{8}-{12}	1*180	2*180	2.02731	1.139833	0.077837	-0.22948	4.284101
{8}-{13}	1*180	3*30	-0.19642	1.140781	0.863583	-2.45509	2.062242
{8}-{14}	1*180	3*60	0.11185	1.140781	0.922060	-2.14682	2.370515
{8}-{15}	1*180	3*120	1.99103	1.140781	0.083488	-0.26764	4.249697
{8}-{16}	1*180	3*180	0.57197	1.139833	0.616727	-1.68482	2.828760
{8}-{17}	1*180	4*30	-0.13714	1.140781	0.904510	-2.39581	2.121522
{8}-{18}	1*180	4*60	0.71658	1.140781	0.531098	-1.54208	2.975250
{8}-{19}	1*180	4*120	1.21395	1.140781	0.289403	-1.04472	3.472613
{8}-{20}	1*180	4*180	1.37670	1.139833	0.229495	-0.88009	3.633495
{9}-{10}	2*30	2*60	-0.84627	1.139596	0.459171	-3.10259	1.410048
{9}-{11}	2*30	2*120	-0.60345	1.139596	0.597414	-2.85978	1.652867
{9}-{12}	2*30	2*180	1.53203	1.139596	0.181367	-0.72429	3.788351
{9}-{13}	2*30	3*30	-0.69170	1.139833	0.545099	-2.94849	1.565086
{9}-{14}	2*30	3*60	-0.38343	1.140781	0.737372	-2.64210	1.875235

{9}-{15}	2*30	3*120	1.49575	1.140781	0.192306	-0.76292	3.754416
{9}-{16}	2*30	3*180	0.07669	1.140781	0.946514	-2.18198	2.335356
{9}-{17}	2*30	4*30	-0.63242	1.139833	0.580037	-2.88921	1.624366
{9}-{18}	2*30	4*60	0.22130	1.140781	0.846510	-2.03736	2.479969
{9}-{19}	2*30	4*120	0.71867	1.140781	0.529907	-1.54000	2.977333
{9}-{20}	2*30	4*180	0.88142	1.140781	0.441249	-1.37724	3.140091
{10}-{11}	2*60	2*120	0.24282	1.139596	0.831631	-2.01350	2.499139
{10}-{12}	2*60	2*180	2.37830	1.139596	0.039008	0.12198	4.634624
{10}-{13}	2*60	3*30	0.15457	1.140781	0.892449	-2.10410	2.413235
{10}-{14}	2*60	3*60	0.46284	1.139833	0.685422	-1.79395	2.719631
{10}-{15}	2*60	3*120	2.34202	1.140781	0.042246	0.08336	4.600689
{10}-{16}	2*60	3*180	0.92296	1.140781	0.420081	-1.33570	3.181628
{10}-{17}	2*60	4*30	0.21385	1.140781	0.851618	-2.04482	2.472515
{10}-{18}	2*60	4*60	1.06758	1.139833	0.350842	-1.18921	3.324366
{10}-{19}	2*60	4*120	1.56494	1.140781	0.172681	-0.69373	3.823606
{10}-{20}	2*60	4*180	1.72770	1.140781	0.132532	-0.53097	3.986363
{11}-{12}	2*120	2*180	2.13548	1.139596	0.063377	-0.12084	4.391806
{11}-{13}	2*120	3*30	-0.08825	1.140781	0.938467	-2.34692	2.170416
{11}-{14}	2*120	3*60	0.22002	1.140781	0.847387	-2.03864	2.478689
{11}-{15}	2*120	3*120	2.09920	1.139833	0.067992	-0.15759	4.355995
{11}-{16}	2*120	3*180	0.68014	1.140781	0.552158	-1.57852	2.938810
{11}-{17}	2*120	4*30	-0.02897	1.140781	0.979782	-2.28764	2.229697
{11}-{18}	2*120	4*60	0.82476	1.140781	0.471101	-1.43391	3.083424
{11}-{19}	2*120	4*120	1.32212	1.139833	0.248382	-0.93467	3.578912
{11}-{20}	2*120	4*180	1.48488	1.140781	0.195535	-0.77379	3.743545
{12}-{13}	2*180	3*30	-2.22373	1.140781	0.053592	-4.48240	0.034932

{12}-{14}	2*180	3*60	-1.91546	1.140781	0.095739	-4.17413	0.343204
{12}-{15}	2*180	3*120	-0.03628	1.140781	0.974682	-2.29495	2.222386
{12}-{16}	2*180	3*180	-1.45534	1.139833	0.204137	-3.71213	0.801449
{12}-{17}	2*180	4*30	-2.16445	1.140781	0.060186	-4.42312	0.094212
{12}-{18}	2*180	4*60	-1.31073	1.140781	0.252852	-3.56939	0.947939
{12}-{19}	2*180	4*120	-0.81336	1.140781	0.477237	-3.07203	1.445303
{12}-{20}	2*180	4*180	-0.65061	1.139833	0.569209	-2.90740	1.606184
{13}-{14}	3*30	3*60	0.30827	1.139596	0.787232	-1.94805	2.564594
{13}-{15}	3*30	3*120	2.18745	1.139596	0.057295	-0.06887	4.443776
{13}-{16}	3*30	3*180	0.76839	1.139596	0.501437	-1.48793	3.024715
{13}-{17}	3*30	4*30	0.05928	1.139833	0.958609	-2.19751	2.316071
{13}-{18}	3*30	4*60	0.91301	1.140781	0.425098	-1.34566	3.171674
{13}-{19}	3*30	4*120	1.41037	1.140781	0.218754	-0.84830	3.669038
{13}-{20}	3*30	4*180	1.57313	1.140781	0.170462	-0.68554	3.831795
{14}-{15}	3*60	3*120	1.87918	1.139596	0.101765	-0.37714	4.135503
{14}-{16}	3*60	3*180	0.46012	1.139596	0.687109	-1.79620	2.716442
{14}-{17}	3*60	4*30	-0.24899	1.140781	0.827593	-2.50766	2.009674
{14}-{18}	3*60	4*60	0.60473	1.139833	0.596713	-1.65206	2.861525
{14}-{19}	3*60	4*120	1.10210	1.140781	0.335941	-1.15657	3.360765
{14}-{20}	3*60	4*180	1.26486	1.140781	0.269749	-0.99381	3.523522
{15}-{16}	3*120	3*180	-1.41906	1.139596	0.215473	-3.67538	0.837261
{15}-{17}	3*120	4*30	-2.12817	1.140781	0.064548	-4.38684	0.130492
{15}-{18}	3*120	4*60	-1.27445	1.140781	0.266153	-3.53311	0.984219
{15}-{19}	3*120	4*120	-0.77708	1.139833	0.496710	-3.03387	1.479707
{15}-{20}	3*120	4*180	-0.61433	1.140781	0.591220	-2.87299	1.644341
{16}-{17}	3*180	4*30	-0.70911	1.140781	0.535382	-2.96778	1.549553

{16}-{18}	3*180	4*60	0.14461	1.140781	0.899337	-2.11405	2.403280
{16}-{19}	3*180	4*120	0.64198	1.140781	0.574653	-1.61669	2.900644
{16}-{20}	3*180	4*180	0.80473	1.139833	0.481550	-1.45206	3.061525
{17}-{18}	4*30	4*60	0.85373	1.139596	0.455233	-1.40259	3.110048
{17}-{19}	4*30	4*120	1.35109	1.139596	0.238128	-0.90523	3.607412
{17}-{20}	4*30	4*180	1.51385	1.139596	0.186564	-0.74247	3.770170
{18}-{19}	4*60	4*120	0.49736	1.139596	0.663303	-1.75896	2.753685
{18}-{20}	4*60	4*180	0.66012	1.139596	0.563500	-1.59620	2.916442
{19}-{20}	4*120	4*180	0.16276	1.139596	0.886672	-2.09356	2.419079

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 4.0820	{2} - 4.7499	{3} - 7.6528	{4} - 3.2286	{5} - 4.5448	{6} - 3.8218	{7} - 3.0974	{8} - 3.9460	{9} - 3.8987	{10} - 3.6758	{11} - 4.4786	{12} - 3.0635	{13} - 6.4912	{14} - 3.9592	{15} - 2.1166	{16} - 2.4197	{17} - 7.1732	{18} - 3.2866	{19} - 1.9713	{20} - 1.8289
1	0	30		0.760854	0.105553	0.697411	0.830752	0.905712	0.654086	0.950610	0.932547	0.853276	0.856707	0.643008	0.267038	0.955407	0.371665	0.449679	0.155105	0.717322	0.337479	0.306035
2	0	60	0.760854		0.187440	0.488521	0.925589	0.668283	0.452350	0.714403	0.698441	0.619981	0.901690	0.443157	0.428495	0.715014	0.231938	0.289836	0.271108	0.499526	0.207340	0.185153
3	0	120	0.105553	0.187440		0.045552	0.158781	0.083046	0.037075	0.093389	0.089338	0.072099	0.144414	0.038380	0.597125	0.094550	0.011633	0.018520	0.827174	0.048636	0.009667	0.008954
4	0	180	0.697411	0.488521	0.045552		0.549299	0.787119	0.952368	0.740455	0.760327	0.838685	0.569531	0.939225	0.139225	0.739473	0.612834	0.708760	0.074419	0.978933	0.567276	0.518329
5	1	30	0.830752	0.925589	0.158781	0.549299		0.741835	0.509857	0.784940	0.765440	0.692447	0.975962	0.500452	0.369451	0.789784	0.270134	0.334204	0.226169	0.567010	0.242655	0.217721
6	1	60	0.905712	0.668283	0.083046	0.787119	0.741835		0.741335	0.954889	0.972067	0.946214	0.764957	0.729969	0.225649	0.949418	0.438090	0.523566	0.128883	0.804771	0.400176	0.365034
7	1	120	0.654086	0.452350	0.037075	0.952368	0.509857	0.741335		0.699045	0.715303	0.792328	0.523859	0.987693	0.124154	0.694884	0.650671	0.757693	0.065396	0.931356	0.603173	0.563844
8	1	180	0.950610	0.714403	0.093389	0.740455	0.784940	0.954889	0.699045		0.982850	0.902100	0.808399	0.683692	0.247834	0.995195	0.405575	0.481292	0.143525	0.764068	0.369425	0.329130
9	2	30	0.932547	0.698441	0.089338	0.760327	0.765440	0.972067	0.715303	0.982850		0.919060	0.791591	0.703546	0.232537	0.978047	0.417767	0.501087	0.132261	0.780507	0.380942	0.346887
10	2	60	0.853276	0.619981	0.072099	0.838685	0.692447	0.946214	0.792328	0.902100	0.919060		0.714513	0.780254	0.201425	0.895858	0.478231	0.567654	0.113188	0.857361	0.438293	0.401115

11	2	120	0.856707	0.901690	0.144414	0.569531	0.975962	0.764957	0.523859	0.808399	0.791591	0.714513		0.519330	0.360330	0.813067	0.276474	0.349418	0.221328	0.587552	0.248148	0.229070
12	2	180	0.643008	0.443157	0.038380	0.939225	0.500452	0.729969	0.987693	0.683692	0.703546	0.780254	0.519330		0.120479	0.683534	0.666485	0.766214	0.063220	0.919103	0.619158	0.568775
13	3	30	0.267038	0.428495	0.597125	0.139225	0.369451	0.225649	0.124154	0.247834	0.232537	0.201425	0.360330	0.120479		0.249810	0.047984	0.065403	0.752822	0.146327	0.041346	0.035453
14	3	60	0.955407	0.715014	0.094550	0.739473	0.789784	0.949418	0.694884	0.995195	0.978047	0.895858	0.813067	0.683534	0.249810		0.401724	0.483350	0.145158	0.756117	0.366237	0.333041
15	3	120	0.371665	0.231938	0.011633	0.612834	0.270134	0.438090	0.650671	0.405575	0.417767	0.478231	0.276474	0.666485	0.047984	0.401724		0.890137	0.022765	0.594452	0.946493	0.895800
16	3	180	0.449679	0.289836	0.018520	0.708760	0.334204	0.523566	0.757693	0.481292	0.501087	0.567654	0.349418	0.766214	0.065403	0.483350	0.890137		0.032072	0.693148	0.838248	0.784996
17	4	30	0.155105	0.271108	0.827174	0.074419	0.226169	0.128883	0.065396	0.143525	0.132261	0.113188	0.221328	0.063220	0.752822	0.145158	0.022765	0.032072		0.078426	0.019096	0.016116
18	4	60	0.717322	0.499526	0.048636	0.978933	0.567010	0.804771	0.931356	0.764068	0.780507	0.857361	0.587552	0.919103	0.146327	0.756117	0.594452	0.693148	0.078426		0.549158	0.506854
19	4	120	0.337479	0.207340	0.009667	0.567276	0.242655	0.400176	0.603173	0.369425	0.380942	0.438293	0.248148	0.619158	0.041346	0.366237	0.946493	0.838248	0.019096	0.549158		0.948267
20	4	180	0.306035	0.185153	0.008954	0.518329	0.217721	0.365034	0.563844	0.329130	0.346887	0.401115	0.229070	0.568775	0.035453	0.333041	0.895800	0.784996	0.016116	0.506854	0.948267	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-0.66794	2.189585	0.760854	-5.00317	3.66729
{1}-{3}	0*30	0*120	-3.57079	2.189585	0.105553	-7.90601	0.76444
{1}-{4}	0*30	0*180	0.85339	2.189585	0.697411	-3.48183	5.18862
{1}-{5}	0*30	1*30	-0.46280	2.160574	0.830752	-4.74059	3.81498
{1}-{6}	0*30	1*60	0.26017	2.191800	0.905712	-4.07945	4.59978
{1}-{7}	0*30	1*120	0.98459	2.191800	0.654086	-3.35502	5.32420
{1}-{8}	0*30	1*180	0.13605	2.191800	0.950610	-4.20357	4.47566
{1}-{9}	0*30	2*30	0.18326	2.160574	0.932547	-4.09453	4.46104

{1}-{10}	0*30	2*60	0.40623	2.191800	0.853276	-3.93338	4.74584
{1}-{11}	0*30	2*120	-0.39662	2.191800	0.856707	-4.73623	3.94299
{1}-{12}	0*30	2*180	1.01847	2.191800	0.643008	-3.32114	5.35808
{1}-{13}	0*30	3*30	-2.40924	2.160574	0.267038	-6.68703	1.86854
{1}-{14}	0*30	3*60	0.12282	2.191800	0.955407	-4.21679	4.46243
{1}-{15}	0*30	3*120	1.96542	2.191800	0.371665	-2.37419	6.30504
{1}-{16}	0*30	3*180	1.66233	2.191800	0.449679	-2.67728	6.00195
{1}-{17}	0*30	4*30	-3.09121	2.160574	0.155105	-7.36900	1.18657
{1}-{18}	0*30	4*60	0.79539	2.191800	0.717322	-3.54422	5.13501
{1}-{19}	0*30	4*120	2.11073	2.191800	0.337479	-2.22888	6.45034
{1}-{20}	0*30	4*180	2.25309	2.191800	0.306035	-2.08652	6.59270
{2}-{3}	0*60	0*120	-2.90285	2.189585	0.187440	-7.23807	1.43238
{2}-{4}	0*60	0*180	1.52133	2.189585	0.488521	-2.81389	5.85656
{2}-{5}	0*60	1*30	0.20514	2.191800	0.925589	-4.13448	4.54475
{2}-{6}	0*60	1*60	0.92811	2.160574	0.668283	-3.34968	5.20589
{2}-{7}	0*60	1*120	1.65253	2.191800	0.452350	-2.68708	5.99214
{2}-{8}	0*60	1*180	0.80398	2.191800	0.714403	-3.53563	5.14360
{2}-{9}	0*60	2*30	0.85120	2.191800	0.698441	-3.48841	5.19081
{2}-{10}	0*60	2*60	1.07417	2.160574	0.619981	-3.20362	5.35195
{2}-{11}	0*60	2*120	0.27132	2.191800	0.901690	-4.06829	4.61093
{2}-{12}	0*60	2*180	1.68641	2.191800	0.443157	-2.65320	6.02602
{2}-{13}	0*60	3*30	-1.74130	2.191800	0.428495	-6.08091	2.59831
{2}-{14}	0*60	3*60	0.79076	2.160574	0.715014	-3.48703	5.06854
{2}-{15}	0*60	3*120	2.63336	2.191800	0.231938	-1.70625	6.97298
{2}-{16}	0*60	3*180	2.33027	2.191800	0.289836	-2.00934	6.66988
{2}-{17}	0*60	4*30	-2.42327	2.191800	0.271108	-6.76288	1.91634

{2}-{18}	0*60	4*60	1.46333	2.160574	0.499526	-2.81445	5.74112
{2}-{19}	0*60	4*120	2.77867	2.191800	0.207340	-1.56095	7.11828
{2}-{20}	0*60	4*180	2.92103	2.191800	0.185153	-1.41858	7.26064
{3}-{4}	0*120	0*180	4.42418	2.189585	0.045552	0.08896	8.75941
{3}-{5}	0*120	1*30	3.10798	2.191800	0.158781	-1.23163	7.44760
{3}-{6}	0*120	1*60	3.83095	2.191800	0.083046	-0.50866	8.17057
{3}-{7}	0*120	1*120	4.55538	2.160574	0.037075	0.27759	8.83316
{3}-{8}	0*120	1*180	3.70683	2.191800	0.093389	-0.63278	8.04645
{3}-{9}	0*120	2*30	3.75405	2.191800	0.089338	-0.58557	8.09366
{3}-{10}	0*120	2*60	3.97702	2.191800	0.072099	-0.36260	8.31663
{3}-{11}	0*120	2*120	3.17417	2.160574	0.144414	-1.10362	7.45195
{3}-{12}	0*120	2*180	4.58926	2.191800	0.038380	0.24965	8.92887
{3}-{13}	0*120	3*30	1.16155	2.191800	0.597125	-3.17807	5.50116
{3}-{14}	0*120	3*60	3.69361	2.191800	0.094550	-0.64601	8.03322
{3}-{15}	0*120	3*120	5.53621	2.160574	0.011633	1.25843	9.81400
{3}-{16}	0*120	3*180	5.23312	2.191800	0.018520	0.89351	9.57273
{3}-{17}	0*120	4*30	0.47958	2.191800	0.827174	-3.86004	4.81919
{3}-{18}	0*120	4*60	4.36618	2.191800	0.048636	0.02657	8.70579
{3}-{19}	0*120	4*120	5.68152	2.160574	0.009667	1.40373	9.95930
{3}-{20}	0*120	4*180	5.82388	2.191800	0.008954	1.48427	10.16349
{4}-{5}	0*180	1*30	-1.31620	2.191800	0.549299	-5.65581	3.02341
{4}-{6}	0*180	1*60	-0.59323	2.191800	0.787119	-4.93284	3.74638
{4}-{7}	0*180	1*120	0.13120	2.191800	0.952368	-4.20841	4.47081
{4}-{8}	0*180	1*180	-0.71735	2.160574	0.740455	-4.99513	3.56044
{4}-{9}	0*180	2*30	-0.67014	2.191800	0.760327	-5.00975	3.66948
{4}-{10}	0*180	2*60	-0.44717	2.191800	0.838685	-4.78678	3.89245



{4}-{11}	0*180	2*120	-1.25002	2.191800	0.569531	-5.58963	3.08960
{4}-{12}	0*180	2*180	0.16508	2.160574	0.939225	-4.11271	4.44286
{4}-{13}	0*180	3*30	-3.26264	2.191800	0.139225	-7.60225	1.07698
{4}-{14}	0*180	3*60	-0.73058	2.191800	0.739473	-5.07019	3.60904
{4}-{15}	0*180	3*120	1.11203	2.191800	0.612834	-3.22758	5.45164
{4}-{16}	0*180	3*180	0.80894	2.160574	0.708760	-3.46885	5.08672
{4}-{17}	0*180	4*30	-3.94461	2.191800	0.074419	-8.28422	0.39501
{4}-{18}	0*180	4*60	-0.05800	2.191800	0.978933	-4.39761	4.28161
{4}-{19}	0*180	4*120	1.25733	2.191800	0.567276	-3.08228	5.59695
{4}-{20}	0*180	4*180	1.39970	2.160574	0.518329	-2.87809	5.67748
{5}-{6}	1*30	1*60	0.72297	2.189585	0.741835	-3.61226	5.05820
{5}-{7}	1*30	1*120	1.44739	2.189585	0.509857	-2.88783	5.78262
{5}-{8}	1*30	1*180	0.59885	2.189585	0.784940	-3.73638	4.93407
{5}-{9}	1*30	2*30	0.64606	2.160574	0.765440	-3.63172	4.92385
{5}-{10}	1*30	2*60	0.86903	2.191800	0.692447	-3.47058	5.20864
{5}-{11}	1*30	2*120	0.06618	2.191800	0.975962	-4.27343	4.40579
{5}-{12}	1*30	2*180	1.48127	2.191800	0.500452	-2.85834	5.82088
{5}-{13}	1*30	3*30	-1.94644	2.160574	0.369451	-6.22422	2.33135
{5}-{14}	1*30	3*60	0.58562	2.191800	0.789784	-3.75399	4.92523
{5}-{15}	1*30	3*120	2.42823	2.191800	0.270134	-1.91138	6.76784
{5}-{16}	1*30	3*180	2.12514	2.191800	0.334204	-2.21448	6.46475
{5}-{17}	1*30	4*30	-2.62841	2.160574	0.226169	-6.90619	1.64938
{5}-{18}	1*30	4*60	1.25820	2.191800	0.567010	-3.08141	5.59781
{5}-{19}	1*30	4*120	2.57353	2.191800	0.242655	-1.76608	6.91314
{5}-{20}	1*30	4*180	2.71589	2.191800	0.217721	-1.62372	7.05551
{6}-{7}	1*60	1*120	0.72442	2.189585	0.741335	-3.61080	5.05965

{6}-{8}	1*60	1*180	-0.12412	2.189585	0.954889	-4.45935	4.21111
{6}-{9}	1*60	2*30	-0.07691	2.191800	0.972067	-4.41652	4.26270
{6}-{10}	1*60	2*60	0.14606	2.160574	0.946214	-4.13172	4.42385
{6}-{11}	1*60	2*120	-0.65679	2.191800	0.764957	-4.99640	3.68282
{6}-{12}	1*60	2*180	0.75830	2.191800	0.729969	-3.58131	5.09791
{6}-{13}	1*60	3*30	-2.66941	2.191800	0.225649	-7.00902	1.67020
{6}-{14}	1*60	3*60	-0.13735	2.160574	0.949418	-4.41513	4.14044
{6}-{15}	1*60	3*120	1.70526	2.191800	0.438090	-2.63435	6.04487
{6}-{16}	1*60	3*180	1.40217	2.191800	0.523566	-2.93745	5.74178
{6}-{17}	1*60	4*30	-3.35138	2.191800	0.128883	-7.69099	0.98823
{6}-{18}	1*60	4*60	0.53523	2.160574	0.804771	-3.74256	4.81301
{6}-{19}	1*60	4*120	1.85056	2.191800	0.400176	-2.48905	6.19017
{6}-{20}	1*60	4*180	1.99292	2.191800	0.365034	-2.34669	6.33254
{7}-{8}	1*120	1*180	-0.84855	2.189585	0.699045	-5.18377	3.48668
{7}-{9}	1*120	2*30	-0.80133	2.191800	0.715303	-5.14095	3.53828
{7}-{10}	1*120	2*60	-0.57836	2.191800	0.792328	-4.91798	3.76125
{7}-{11}	1*120	2*120	-1.38121	2.160574	0.523859	-5.65900	2.89657
{7}-{12}	1*120	2*180	0.03388	2.191800	0.987693	-4.30573	4.37349
{7}-{13}	1*120	3*30	-3.39383	2.191800	0.124154	-7.73345	0.94578
{7}-{14}	1*120	3*60	-0.86177	2.191800	0.694884	-5.20138	3.47784
{7}-{15}	1*120	3*120	0.98083	2.160574	0.650671	-3.29695	5.25862
{7}-{16}	1*120	3*180	0.67774	2.191800	0.757693	-3.66187	5.01735
{7}-{17}	1*120	4*30	-4.07580	2.191800	0.065396	-8.41541	0.26381
{7}-{18}	1*120	4*60	-0.18920	2.191800	0.931356	-4.52881	4.15041
{7}-{19}	1*120	4*120	1.12614	2.160574	0.603173	-3.15165	5.40392
{7}-{20}	1*120	4*180	1.26850	2.191800	0.563844	-3.07111	5.60811

{8}-{9}	1*180	2*30	0.04721	2.191800	0.982850	-4.29240	4.38682
{8}-{10}	1*180	2*60	0.27018	2.191800	0.902100	-4.06943	4.60979
{8}-{11}	1*180	2*120	-0.53267	2.191800	0.808399	-4.87228	3.80695
{8}-{12}	1*180	2*180	0.88242	2.160574	0.683692	-3.39536	5.16021
{8}-{13}	1*180	3*30	-2.54529	2.191800	0.247834	-6.88490	1.79432
{8}-{14}	1*180	3*60	-0.01323	2.191800	0.995195	-4.35284	4.32638
{8}-{15}	1*180	3*120	1.82938	2.191800	0.405575	-2.51023	6.16899
{8}-{16}	1*180	3*180	1.52629	2.160574	0.481292	-2.75150	5.80407
{8}-{17}	1*180	4*30	-3.22726	2.191800	0.143525	-7.56687	1.11235
{8}-{18}	1*180	4*60	0.65935	2.191800	0.764068	-3.68026	4.99896
{8}-{19}	1*180	4*120	1.97468	2.191800	0.369425	-2.36493	6.31429
{8}-{20}	1*180	4*180	2.11705	2.160574	0.329130	-2.16074	6.39483
{9}-{10}	2*30	2*60	0.22297	2.189585	0.919060	-4.11226	4.55820
{9}-{11}	2*30	2*120	-0.57988	2.189585	0.791591	-4.91511	3.75535
{9}-{12}	2*30	2*180	0.83521	2.189585	0.703546	-3.50001	5.17044
{9}-{13}	2*30	3*30	-2.59250	2.160574	0.232537	-6.87029	1.68529
{9}-{14}	2*30	3*60	-0.06044	2.191800	0.978047	-4.40005	4.27917
{9}-{15}	2*30	3*120	1.78217	2.191800	0.417767	-2.55745	6.12178
{9}-{16}	2*30	3*180	1.47908	2.191800	0.501087	-2.86054	5.81869
{9}-{17}	2*30	4*30	-3.27447	2.160574	0.132261	-7.55226	1.00332
{9}-{18}	2*30	4*60	0.61214	2.191800	0.780507	-3.72748	4.95175
{9}-{19}	2*30	4*120	1.92747	2.191800	0.380942	-2.41214	6.26708
{9}-{20}	2*30	4*180	2.06983	2.191800	0.346887	-2.26978	6.40945
{10}-{11}	2*60	2*120	-0.80285	2.189585	0.714513	-5.13807	3.53238
{10}-{12}	2*60	2*180	0.61224	2.189585	0.780254	-3.72298	4.94747
{10}-{13}	2*60	3*30	-2.81547	2.191800	0.201425	-7.15508	1.52414

{10}-{14}	2*60	3*60	-0.28341	2.160574	0.895858	-4.56119	3.99438
{10}-{15}	2*60	3*120	1.55920	2.191800	0.478231	-2.78041	5.89881
{10}-{16}	2*60	3*180	1.25611	2.191800	0.567654	-3.08351	5.59572
{10}-{17}	2*60	4*30	-3.49744	2.191800	0.113188	-7.83705	0.84217
{10}-{18}	2*60	4*60	0.38917	2.160574	0.857361	-3.88862	4.66695
{10}-{19}	2*60	4*120	1.70450	2.191800	0.438293	-2.63511	6.04411
{10}-{20}	2*60	4*180	1.84686	2.191800	0.401115	-2.49275	6.18648
{11}-{12}	2*120	2*180	1.41509	2.189585	0.519330	-2.92014	5.75032
{11}-{13}	2*120	3*30	-2.01262	2.191800	0.360330	-6.35223	2.32699
{11}-{14}	2*120	3*60	0.51944	2.191800	0.813067	-3.82017	4.85905
{11}-{15}	2*120	3*120	2.36205	2.160574	0.276474	-1.91574	6.63983
{11}-{16}	2*120	3*180	2.05895	2.191800	0.349418	-2.28066	6.39857
{11}-{17}	2*120	4*30	-2.69459	2.191800	0.221328	-7.03420	1.64502
{11}-{18}	2*120	4*60	1.19202	2.191800	0.587552	-3.14760	5.53163
{11}-{19}	2*120	4*120	2.50735	2.160574	0.248148	-1.77044	6.78513
{11}-{20}	2*120	4*180	2.64971	2.191800	0.229070	-1.68990	6.98932
{12}-{13}	2*180	3*30	-3.42771	2.191800	0.120479	-7.76732	0.91190
{12}-{14}	2*180	3*60	-0.89565	2.191800	0.683534	-5.23526	3.44396
{12}-{15}	2*180	3*120	0.94695	2.191800	0.666485	-3.39266	5.28657
{12}-{16}	2*180	3*180	0.64386	2.160574	0.766214	-3.63392	4.92165
{12}-{17}	2*180	4*30	-4.10968	2.191800	0.063220	-8.44929	0.22993
{12}-{18}	2*180	4*60	-0.22308	2.191800	0.919103	-4.56269	4.11654
{12}-{19}	2*180	4*120	1.09226	2.191800	0.619158	-3.24735	5.43187
{12}-{20}	2*180	4*180	1.23462	2.160574	0.568775	-3.04316	5.51241
{13}-{14}	3*30	3*60	2.53206	2.189585	0.249810	-1.80317	6.86729
{13}-{15}	3*30	3*120	4.37467	2.189585	0.047984	0.03944	8.70989

{13}-{16}	3*30	3*180	4.07158	2.189585	0.065403	-0.26365	8.40680
{13}-{17}	3*30	4*30	-0.68197	2.160574	0.752822	-4.95976	3.59582
{13}-{18}	3*30	4*60	3.20464	2.191800	0.146327	-1.13498	7.54425
{13}-{19}	3*30	4*120	4.51997	2.191800	0.041346	0.18036	8.85958
{13}-{20}	3*30	4*180	4.66233	2.191800	0.035453	0.32272	9.00195
{14}-{15}	3*60	3*120	1.84261	2.189585	0.401724	-2.49262	6.17783
{14}-{16}	3*60	3*180	1.53952	2.189585	0.483350	-2.79571	5.87474
{14}-{17}	3*60	4*30	-3.21403	2.191800	0.145158	-7.55364	1.12558
{14}-{18}	3*60	4*60	0.67258	2.160574	0.756117	-3.60521	4.95036
{14}-{19}	3*60	4*120	1.98791	2.191800	0.366237	-2.35170	6.32752
{14}-{20}	3*60	4*180	2.13027	2.191800	0.333041	-2.20934	6.46988
{15}-{16}	3*120	3*180	-0.30309	2.189585	0.890137	-4.63832	4.03214
{15}-{17}	3*120	4*30	-5.05664	2.191800	0.022765	-9.39625	-0.71702
{15}-{18}	3*120	4*60	-1.17003	2.191800	0.594452	-5.50964	3.16958
{15}-{19}	3*120	4*120	0.14530	2.160574	0.946493	-4.13248	4.42309
{15}-{20}	3*120	4*180	0.28767	2.191800	0.895800	-4.05195	4.62728
{16}-{17}	3*180	4*30	-4.75355	2.191800	0.032072	-9.09316	-0.41393
{16}-{18}	3*180	4*60	-0.86694	2.191800	0.693148	-5.20655	3.47267
{16}-{19}	3*180	4*120	0.44839	2.191800	0.838248	-3.89122	4.78801
{16}-{20}	3*180	4*180	0.59076	2.160574	0.784996	-3.68703	4.86854
{17}-{18}	4*30	4*60	3.88661	2.189585	0.078426	-0.44862	8.22183
{17}-{19}	4*30	4*120	5.20194	2.189585	0.019096	0.86671	9.53717
{17}-{20}	4*30	4*180	5.34430	2.189585	0.016116	1.00908	9.67953
{18}-{19}	4*60	4*120	1.31533	2.189585	0.549158	-3.01989	5.65056
{18}-{20}	4*60	4*180	1.45770	2.189585	0.506854	-2.87753	5.79292
{19}-{20}	4*120	4*180	0.14236	2.189585	0.948267	-4.19286	4.47759

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 79.745	{2} - 75.824	{3} - 66.444	{4} - 66.987	{5} - 77.855	{6} - 70.935	{7} - 67.554	{8} - 65.189	{9} - 74.863	{10} - 64.124	{11} - 61.835	{12} - 60.378	{13} - 64.422	{14} - 66.319	{15} - 60.212	{16} - 54.664	{17} - 68.632	{18} - 62.530	{19} - 53.422	{20} - 50.966
1	0	30		0.205667	0.000033	0.000065	0.538952	0.005049	0.000131	0.000006	0.114004	0.000001	0.000000	0.000000	0.000002	0.000028	0.000000	0.000000	0.000427	0.000000	0.000000	0.000000
2	0	60	0.205667		0.002862	0.004875	0.511464	0.113450	0.008360	0.000778	0.755755	0.000216	0.000014	0.000002	0.000330	0.002414	0.000002	0.000000	0.021364	0.000030	0.000000	0.000000
3	0	120	0.000033	0.002862		0.860311	0.000327	0.147928	0.717848	0.684745	0.007290	0.453485	0.135438	0.051512	0.513274	0.967913	0.044317	0.000213	0.479334	0.206889	0.000043	0.000002
4	0	180	0.000065	0.004875	0.860311		0.000602	0.202979	0.854372	0.558628	0.011911	0.355146	0.097392	0.033132	0.407133	0.828976	0.029944	0.000102	0.594732	0.151009	0.000024	0.000001
5	1	30	0.538952	0.511464	0.000327	0.000602		0.026519	0.001104	0.000072	0.331085	0.000019	0.000001	0.000000	0.000025	0.000283	0.000000	0.000000	0.003206	0.000002	0.000000	0.000000
6	1	60	0.005049	0.113450	0.147928	0.202979	0.026519		0.274711	0.064599	0.205261	0.028223	0.003813	0.000848	0.036762	0.134898	0.000707	0.000001	0.456715	0.007062	0.000000	0.000000
7	1	120	0.000131	0.008360	0.717848	0.854372	0.001104	0.274711		0.444063	0.019394	0.268285	0.064582	0.021645	0.311763	0.689556	0.018185	0.000056	0.727343	0.105907	0.000010	0.000000
8	1	180	0.000006	0.000778	0.684745	0.558628	0.000072	0.064599	0.444063		0.002148	0.730638	0.278988	0.119321	0.804007	0.714509	0.109196	0.000822	0.266407	0.390385	0.000216	0.000009
9	2	30	0.114004	0.755755	0.007290	0.011911	0.331085	0.205261	0.019394	0.002148		0.000687	0.000046	0.000007	0.000900	0.006494	0.000006	0.000000	0.044368	0.000110	0.000000	0.000000
10	2	60	0.000001	0.000216	0.453485	0.355146	0.000019	0.028223	0.268285	0.730638	0.000687		0.458814	0.226368	0.923390	0.475472	0.206994	0.002668	0.146449	0.604065	0.000723	0.000040
11	2	120	0.000000	0.000014	0.135438	0.097392	0.000001	0.003813	0.064582	0.278988	0.000046	0.458814		0.637207	0.403249	0.148505	0.597558	0.021747	0.029426	0.821992	0.007012	0.000602
12	2	180	0.000000	0.000002	0.051512	0.033132	0.000000	0.000848	0.021645	0.119321	0.000007	0.226368	0.637207		0.192319	0.056405	0.957050	0.064844	0.008482	0.486651	0.025918	0.002651
13	3	30	0.000002	0.000330	0.513274	0.407133	0.000025	0.036762	0.311763	0.804007	0.000900	0.923390	0.403249	0.192319		0.539047	0.174338	0.001952	0.172264	0.540823	0.000521	0.000027
14	3	60	0.000028	0.002414	0.967913	0.828976	0.000283	0.134898	0.689556	0.714509	0.006494	0.475472	0.148505	0.056405	0.539047		0.049706	0.000243	0.454781	0.218950	0.000055	0.000002
15	3	120	0.000000	0.000002	0.044317	0.029944	0.000000	0.000707	0.018185	0.109196	0.000006	0.206994	0.597558	0.957050	0.174338	0.049706		0.074269	0.007280	0.453662	0.028708	0.003304
16	3	180	0.000000	0.000000	0.000213	0.000102	0.000000	0.000001	0.000056	0.000822	0.000000	0.002668	0.021747	0.064844	0.001952	0.000243	0.074269		0.000014	0.012013	0.687915	0.230134
17	4	30	0.000427	0.021364	0.479334	0.594732	0.003206	0.456715	0.727343	0.266407	0.044368	0.146449	0.029426	0.008482	0.172264	0.454781	0.007280	0.000014		0.049918	0.000003	0.000000
18	4	60	0.000000	0.000030	0.206889	0.151009	0.000002	0.007062	0.105907	0.390385	0.000110	0.604065	0.821992	0.486651	0.540823	0.218950	0.453662	0.012013	0.049918		0.003750	0.000270
19	4	120	0.000000	0.000000	0.000043	0.000024	0.000000	0.000000	0.000010	0.000216	0.000000	0.000723	0.007012	0.025918	0.000521	0.000055	0.028708	0.687915	0.000003	0.003750		0.426797
20	4	180	0.000000	0.000000	0.000002	0.000001	0.000000	0.000000	0.000000	0.000009	0.000000	0.000040	0.000602	0.002651	0.000027	0.000002	0.003304	0.230134	0.000000	0.000270	0.426797	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*30	0*60	3.9203	3.080867	0.205667	-2.1796	10.02021
{1}-{3}	0*30	0*120	13.3009	3.080867	0.000033	7.2010	19.40081
{1}-{4}	0*30	0*180	12.7576	3.080867	0.000065	6.6577	18.85748
{1}-{5}	0*30	1*30	1.8894	3.066369	0.538952	-4.1818	7.96059
{1}-{6}	0*30	1*60	8.8097	3.084038	0.005049	2.7035	14.91588
{1}-{7}	0*30	1*120	12.1903	3.084038	0.000131	6.0841	18.29648
{1}-{8}	0*30	1*180	14.5561	3.084038	0.000006	8.4499	20.66224
{1}-{9}	0*30	2*30	4.8818	3.066369	0.114004	-1.1894	10.95302
{1}-{10}	0*30	2*60	15.6203	3.084038	0.000001	9.5141	21.72648
{1}-{11}	0*30	2*120	17.9100	3.084038	0.000000	11.8038	24.01618
{1}-{12}	0*30	2*180	19.3667	3.084038	0.000000	13.2605	25.47285
{1}-{13}	0*30	3*30	15.3231	3.066369	0.000002	9.2519	21.39430
{1}-{14}	0*30	3*60	13.4252	3.084038	0.000028	7.3190	19.53141
{1}-{15}	0*30	3*120	19.5331	3.084038	0.000000	13.4269	25.63929
{1}-{16}	0*30	3*180	25.0807	3.084038	0.000000	18.9745	31.18686
{1}-{17}	0*30	4*30	11.1125	3.066369	0.000427	5.0413	17.18370
{1}-{18}	0*30	4*60	17.2146	3.084038	0.000000	11.1084	23.32080
{1}-{19}	0*30	4*120	26.3225	3.084038	0.000000	20.2163	32.42868
{1}-{20}	0*30	4*180	28.7792	3.084038	0.000000	22.6730	34.88535

{2}-{3}	0*60	0*120	9.3806	3.080867	0.002862	3.2807	15.48051
{2}-{4}	0*60	0*180	8.8373	3.080867	0.004875	2.7374	14.93717
{2}-{5}	0*60	1*30	-2.0309	3.084038	0.511464	-8.1371	4.07527
{2}-{6}	0*60	1*60	4.8894	3.066369	0.113450	-1.1818	10.96059
{2}-{7}	0*60	1*120	8.2700	3.084038	0.008360	2.1638	14.37618
{2}-{8}	0*60	1*180	10.6358	3.084038	0.000778	4.5296	16.74194
{2}-{9}	0*60	2*30	0.9615	3.084038	0.755755	-5.1447	7.06770
{2}-{10}	0*60	2*60	11.7000	3.066369	0.000216	5.6288	17.77120
{2}-{11}	0*60	2*120	13.9897	3.084038	0.000014	7.8835	20.09588
{2}-{12}	0*60	2*180	15.4464	3.084038	0.000002	9.3402	21.55254
{2}-{13}	0*60	3*30	11.4028	3.084038	0.000330	5.2966	17.50898
{2}-{14}	0*60	3*60	9.5049	3.066369	0.002414	3.4337	15.57612
{2}-{15}	0*60	3*120	15.6128	3.084038	0.000002	9.5066	21.71898
{2}-{16}	0*60	3*180	21.1604	3.084038	0.000000	15.0542	27.26656
{2}-{17}	0*60	4*30	7.1922	3.084038	0.021364	1.0860	13.29838
{2}-{18}	0*60	4*60	13.2943	3.066369	0.000030	7.2231	19.36552
{2}-{19}	0*60	4*120	22.4022	3.084038	0.000000	16.2960	28.50838
{2}-{20}	0*60	4*180	24.8589	3.084038	0.000000	18.7527	30.96504
{3}-{4}	0*120	0*180	-0.5433	3.080867	0.860311	-6.6432	5.55657
{3}-{5}	0*120	1*30	-11.4115	3.084038	0.000327	-17.5177	-5.30533
{3}-{6}	0*120	1*60	-4.4912	3.084038	0.147928	-10.5974	1.61497
{3}-{7}	0*120	1*120	-1.1106	3.066369	0.717848	-7.1818	4.96059
{3}-{8}	0*120	1*180	1.2552	3.084038	0.684745	-4.8510	7.36133
{3}-{9}	0*120	2*30	-8.4191	3.084038	0.007290	-14.5253	-2.31291
{3}-{10}	0*120	2*60	2.3194	3.084038	0.453485	-3.7868	8.42557
{3}-{11}	0*120	2*120	4.6091	3.066369	0.135438	-1.4621	10.68029



{3}-{12}	0*120	2*180	6.0658	3.084038	0.051512	-0.0404	12.17194
{3}-{13}	0*120	3*30	2.0222	3.084038	0.513274	-4.0840	8.12838
{3}-{14}	0*120	3*60	0.1243	3.084038	0.967913	-5.9819	6.23050
{3}-{15}	0*120	3*120	6.2322	3.066369	0.044317	0.1610	12.30339
{3}-{16}	0*120	3*180	11.7798	3.084038	0.000213	5.6736	17.88595
{3}-{17}	0*120	4*30	-2.1884	3.084038	0.479334	-8.2946	3.91777
{3}-{18}	0*120	4*60	3.9137	3.084038	0.206889	-2.1925	10.01989
{3}-{19}	0*120	4*120	13.0216	3.066369	0.000043	6.9504	19.09279
{3}-{20}	0*120	4*180	15.4783	3.084038	0.000002	9.3721	21.58444
{4}-{5}	0*180	1*30	-10.8682	3.084038	0.000602	-16.9744	-4.76200
{4}-{6}	0*180	1*60	-3.9479	3.084038	0.202979	-10.0541	2.15830
{4}-{7}	0*180	1*120	-0.5673	3.084038	0.854372	-6.6735	5.53891
{4}-{8}	0*180	1*180	1.7985	3.066369	0.558628	-4.2727	7.86968
{4}-{9}	0*180	2*30	-7.8758	3.084038	0.011911	-13.9819	-1.76958
{4}-{10}	0*180	2*60	2.8627	3.084038	0.355146	-3.2435	8.96891
{4}-{11}	0*180	2*120	5.1524	3.084038	0.097392	-0.9538	11.25860
{4}-{12}	0*180	2*180	6.6091	3.066369	0.033132	0.5379	12.68029
{4}-{13}	0*180	3*30	2.5655	3.084038	0.407133	-3.5406	8.67171
{4}-{14}	0*180	3*60	0.6677	3.084038	0.828976	-5.4385	6.77383
{4}-{15}	0*180	3*120	6.7755	3.084038	0.029944	0.6694	12.88171
{4}-{16}	0*180	3*180	12.3231	3.066369	0.000102	6.2519	18.39430
{4}-{17}	0*180	4*30	-1.6451	3.084038	0.594732	-7.7513	4.46110
{4}-{18}	0*180	4*60	4.4570	3.084038	0.151009	-1.6491	10.56323
{4}-{19}	0*180	4*120	13.5649	3.084038	0.000024	7.4587	19.67110
{4}-{20}	0*180	4*180	16.0216	3.066369	0.000001	9.9504	22.09279
{5}-{6}	1*30	1*60	6.9203	3.080867	0.026519	0.8204	13.02021

{5}-{7}	1*30	1*120	10.3009	3.080867	0.001104	4.2010	16.40081
{5}-{8}	1*30	1*180	12.6667	3.080867	0.000072	6.5668	18.76657
{5}-{9}	1*30	2*30	2.9924	3.066369	0.331085	-3.0788	9.06362
{5}-{10}	1*30	2*60	13.7309	3.084038	0.000019	7.6247	19.83709
{5}-{11}	1*30	2*120	16.0206	3.084038	0.000001	9.9144	22.12679
{5}-{12}	1*30	2*180	17.4773	3.084038	0.000000	11.3711	23.58345
{5}-{13}	1*30	3*30	13.4337	3.066369	0.000025	7.3625	19.50491
{5}-{14}	1*30	3*60	11.5358	3.084038	0.000283	5.4297	17.64201
{5}-{15}	1*30	3*120	17.6437	3.084038	0.000000	11.5375	23.74989
{5}-{16}	1*30	3*180	23.1913	3.084038	0.000000	17.0851	29.29747
{5}-{17}	1*30	4*30	9.2231	3.066369	0.003206	3.1519	15.29430
{5}-{18}	1*30	4*60	15.3252	3.084038	0.000002	9.2190	21.43141
{5}-{19}	1*30	4*120	24.4331	3.084038	0.000000	18.3269	30.53929
{5}-{20}	1*30	4*180	26.8898	3.084038	0.000000	20.7836	32.99595
{6}-{7}	1*60	1*120	3.3806	3.080867	0.274711	-2.7193	9.48051
{6}-{8}	1*60	1*180	5.7464	3.080867	0.064599	-0.3535	11.84627
{6}-{9}	1*60	2*30	-3.9279	3.084038	0.205261	-10.0341	2.17830
{6}-{10}	1*60	2*60	6.8106	3.066369	0.028223	0.7394	12.88180
{6}-{11}	1*60	2*120	9.1003	3.084038	0.003813	2.9941	15.20648
{6}-{12}	1*60	2*180	10.5570	3.084038	0.000848	4.4508	16.66315
{6}-{13}	1*60	3*30	6.5134	3.084038	0.036762	0.4072	12.61959
{6}-{14}	1*60	3*60	4.6155	3.066369	0.134898	-1.4557	10.68673
{6}-{15}	1*60	3*120	10.7234	3.084038	0.000707	4.6172	16.82959
{6}-{16}	1*60	3*180	16.2710	3.084038	0.000001	10.1648	22.37717
{6}-{17}	1*60	4*30	2.3028	3.084038	0.456715	-3.8034	8.40898
{6}-{18}	1*60	4*60	8.4049	3.066369	0.007062	2.3337	14.47612

{6}-{19}	1*60	4*120	17.5128	3.084038	0.000000	11.4066	23.61898
{6}-{20}	1*60	4*180	19.9695	3.084038	0.000000	13.8633	26.07565
{7}-{8}	1*120	1*180	2.3658	3.080867	0.444063	-3.7341	8.46566
{7}-{9}	1*120	2*30	-7.3085	3.084038	0.019394	-13.4147	-1.20230
{7}-{10}	1*120	2*60	3.4300	3.084038	0.268285	-2.6762	9.53618
{7}-{11}	1*120	2*120	5.7197	3.066369	0.064582	-0.3515	11.79089
{7}-{12}	1*120	2*180	7.1764	3.084038	0.021645	1.0702	13.28254
{7}-{13}	1*120	3*30	3.1328	3.084038	0.311763	-2.9734	9.23898
{7}-{14}	1*120	3*60	1.2349	3.084038	0.689556	-4.8713	7.34110
{7}-{15}	1*120	3*120	7.3428	3.066369	0.018185	1.2716	13.41400
{7}-{16}	1*120	3*180	12.8904	3.084038	0.000056	6.7842	18.99656
{7}-{17}	1*120	4*30	-1.0778	3.084038	0.727343	-7.1840	5.02838
{7}-{18}	1*120	4*60	5.0243	3.084038	0.105907	-1.0819	11.13050
{7}-{19}	1*120	4*120	14.1322	3.066369	0.000010	8.0610	20.20339
{7}-{20}	1*120	4*180	16.5889	3.084038	0.000000	10.4827	22.69504
{8}-{9}	1*180	2*30	-9.6742	3.084038	0.002148	-15.7804	-3.56806
{8}-{10}	1*180	2*60	1.0642	3.084038	0.730638	-5.0419	7.17042
{8}-{11}	1*180	2*120	3.3539	3.084038	0.278988	-2.7522	9.46012
{8}-{12}	1*180	2*180	4.8106	3.066369	0.119321	-1.2606	10.88180
{8}-{13}	1*180	3*30	0.7670	3.084038	0.804007	-5.3391	6.87323
{8}-{14}	1*180	3*60	-1.1308	3.084038	0.714509	-7.2370	4.97535
{8}-{15}	1*180	3*120	4.9770	3.084038	0.109196	-1.1291	11.08323
{8}-{16}	1*180	3*180	10.5246	3.066369	0.000822	4.4534	16.59582
{8}-{17}	1*180	4*30	-3.4436	3.084038	0.266407	-9.5497	2.66262
{8}-{18}	1*180	4*60	2.6586	3.084038	0.390385	-3.4476	8.76474
{8}-{19}	1*180	4*120	11.7664	3.084038	0.000216	5.6603	17.87262

{8}-{20}	1*180	4*180	14.2231	3.066369	0.000009	8.1519	20.29430
{9}-{10}	2*30	2*60	10.7385	3.080867	0.000687	4.6386	16.83839
{9}-{11}	2*30	2*120	13.0282	3.080867	0.000046	6.9283	19.12808
{9}-{12}	2*30	2*180	14.4848	3.080867	0.000007	8.3849	20.58475
{9}-{13}	2*30	3*30	10.4413	3.066369	0.000900	4.3701	16.51249
{9}-{14}	2*30	3*60	8.5434	3.084038	0.006494	2.4372	14.64959
{9}-{15}	2*30	3*120	14.6513	3.084038	0.000006	8.5451	20.75747
{9}-{16}	2*30	3*180	20.1989	3.084038	0.000000	14.0927	26.30504
{9}-{17}	2*30	4*30	6.2307	3.066369	0.044368	0.1595	12.30188
{9}-{18}	2*30	4*60	12.3328	3.084038	0.000110	6.2266	18.43898
{9}-{19}	2*30	4*120	21.4407	3.084038	0.000000	15.3345	27.54686
{9}-{20}	2*30	4*180	23.8973	3.084038	0.000000	17.7912	30.00353
{10}-{11}	2*60	2*120	2.2897	3.080867	0.458814	-3.8102	8.38960
{10}-{12}	2*60	2*180	3.7464	3.080867	0.226368	-2.3535	9.84627
{10}-{13}	2*60	3*30	-0.2972	3.084038	0.923390	-6.4034	5.80898
{10}-{14}	2*60	3*60	-2.1951	3.066369	0.475472	-8.2663	3.87612
{10}-{15}	2*60	3*120	3.9128	3.084038	0.206994	-2.1934	10.01898
{10}-{16}	2*60	3*180	9.4604	3.084038	0.002668	3.3542	15.56656
{10}-{17}	2*60	4*30	-4.5078	3.084038	0.146449	-10.6140	1.59838
{10}-{18}	2*60	4*60	1.5943	3.066369	0.604065	-4.4769	7.66552
{10}-{19}	2*60	4*120	10.7022	3.084038	0.000723	4.5960	16.80838
{10}-{20}	2*60	4*180	13.1589	3.084038	0.000040	7.0527	19.26504
{11}-{12}	2*120	2*180	1.4567	3.080867	0.637207	-4.6432	7.55657
{11}-{13}	2*120	3*30	-2.5869	3.084038	0.403249	-8.6931	3.51929
{11}-{14}	2*120	3*60	-4.4848	3.084038	0.148505	-10.5910	1.62141
{11}-{15}	2*120	3*120	1.6231	3.066369	0.597558	-4.4481	7.69430

{11}-{16}	2*120	3*180	7.1707	3.084038	0.021747	1.0645	13.27686
{11}-{17}	2*120	4*30	-6.7975	3.084038	0.029426	-12.9037	-0.69132
{11}-{18}	2*120	4*60	-0.6954	3.084038	0.821992	-6.8016	5.41080
{11}-{19}	2*120	4*120	8.4125	3.066369	0.007012	2.3413	14.48370
{11}-{20}	2*120	4*180	10.8692	3.084038	0.000602	4.7630	16.97535
{12}-{13}	2*180	3*30	-4.0436	3.084038	0.192319	-10.1497	2.06262
{12}-{14}	2*180	3*60	-5.9414	3.084038	0.056405	-12.0476	0.16474
{12}-{15}	2*180	3*120	0.1664	3.084038	0.957050	-5.9397	6.27262
{12}-{16}	2*180	3*180	5.7140	3.066369	0.064844	-0.3572	11.78521
{12}-{17}	2*180	4*30	-8.2542	3.084038	0.008482	-14.3603	-2.14799
{12}-{18}	2*180	4*60	-2.1520	3.084038	0.486651	-8.2582	3.95413
{12}-{19}	2*180	4*120	6.9558	3.084038	0.025918	0.8497	13.06201
{12}-{20}	2*180	4*180	9.4125	3.066369	0.002651	3.3413	15.48370
{13}-{14}	3*30	3*60	-1.8979	3.080867	0.539047	-7.9978	4.20202
{13}-{15}	3*30	3*120	4.2100	3.080867	0.174338	-1.8899	10.30990
{13}-{16}	3*30	3*180	9.7576	3.080867	0.001952	3.6577	15.85748
{13}-{17}	3*30	4*30	-4.2106	3.066369	0.172264	-10.2818	1.86059
{13}-{18}	3*30	4*60	1.8915	3.084038	0.540823	-4.2147	7.99770
{13}-{19}	3*30	4*120	10.9994	3.084038	0.000521	4.8932	17.10557
{13}-{20}	3*30	4*180	13.4561	3.084038	0.000027	7.3499	19.56224
{14}-{15}	3*60	3*120	6.1079	3.080867	0.049706	0.0080	12.20778
{14}-{16}	3*60	3*180	11.6555	3.080867	0.000243	5.5556	17.75536
{14}-{17}	3*60	4*30	-2.3127	3.084038	0.454781	-8.4189	3.79345
{14}-{18}	3*60	4*60	3.7894	3.066369	0.218950	-2.2818	9.86059
{14}-{19}	3*60	4*120	12.8973	3.084038	0.000055	6.7911	19.00345
{14}-{20}	3*60	4*180	15.3539	3.084038	0.000002	9.2478	21.46012

{15}-{16}	3*120	3*180	5.5476	3.080867	0.074269	-0.5523	11.64748
{15}-{17}	3*120	4*30	-8.4206	3.084038	0.007280	-14.5268	-2.31443
{15}-{18}	3*120	4*60	-2.3185	3.084038	0.453662	-8.4247	3.78770
{15}-{19}	3*120	4*120	6.7894	3.066369	0.028708	0.7182	12.86059
{15}-{20}	3*120	4*180	9.2461	3.084038	0.003304	3.1399	15.35224
{16}-{17}	3*180	4*30	-13.9682	3.084038	0.000014	-20.0744	-7.86200
{16}-{18}	3*180	4*60	-7.8661	3.084038	0.012013	-13.9722	-1.75988
{16}-{19}	3*180	4*120	1.2418	3.084038	0.687915	-4.8644	7.34800
{16}-{20}	3*180	4*180	3.6985	3.066369	0.230134	-2.3727	9.76968
{17}-{18}	4*30	4*60	6.1021	3.080867	0.049918	0.0022	12.20202
{17}-{19}	4*30	4*120	15.2100	3.080867	0.000003	9.1101	21.30990
{17}-{20}	4*30	4*180	17.6667	3.080867	0.000000	11.5668	23.76657
{18}-{19}	4*60	4*120	9.1079	3.080867	0.003750	3.0080	15.20778
{18}-{20}	4*60	4*180	11.5645	3.080867	0.000270	5.4646	17.66445
{19}-{20}	4*120	4*180	2.4567	3.080867	0.426797	-3.6432	8.55657

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 20.256	{2} - 24.181	{3} - 33.561	{4} - 33.002	{5} - 22.145	{6} - 29.071	{7} - 32.450	{8} - 34.801	{9} - 24.264	{10} - 35.826	{11} - 37.296	{12} - 39.647	{13} - 35.579	{14} - 33.686	{15} - 39.793	{16} - 45.325	{17} - 31.205	{18} - 38.403	{19} - 46.600	{20} - 49.042
1	0	30		0.205973	0.000034	0.000068	0.541718	0.005108	0.000134	0.000007	0.196680	0.000002	0.000000	0.000000	0.000002	0.000029	0.000000	0.000000	0.000558	0.000000	0.000000	0.000000
2	0	60	0.205973		0.002918	0.005033	0.511270	0.115905	0.008492	0.000810	0.978568	0.000253	0.000043	0.000002	0.000340	0.002578	0.000002	0.000000	0.024801	0.000010	0.000000	0.000000
3	0	120	0.000034	0.002918		0.856729	0.000333	0.148811	0.719688	0.688915	0.003200	0.464920	0.228677	0.051181	0.514838	0.967662	0.045760	0.000223	0.447340	0.119733	0.000047	0.000002
4	0	180	0.000068	0.005033	0.856729		0.000624	0.205711	0.858489	0.561308	0.005494	0.362627	0.167198	0.033385	0.405938	0.825184	0.029894	0.000114	0.561913	0.083056	0.000024	0.000001

5	1	30	0.541718	0.511270	0.000333	0.000624		0.026700	0.001123	0.000076	0.493838	0.000021	0.000003	0.000000	0.000029	0.000289	0.000000	0.000000	0.004006	0.000001	0.000000	0.000000
6	1	60	0.005108	0.115905	0.148811	0.205711	0.026700		0.275797	0.065862	0.122480	0.030606	0.008832	0.000849	0.037258	0.137553	0.000724	0.000001	0.491074	0.003064	0.000000	0.000000
7	1	120	0.000134	0.008492	0.719688	0.858489	0.001123	0.275797		0.447847	0.009157	0.276787	0.119126	0.021527	0.313250	0.689833	0.018971	0.000059	0.687710	0.056409	0.000011	0.000000
8	1	180	0.000007	0.000810	0.688915	0.561308	0.000076	0.065862	0.447847		0.000886	0.740607	0.420893	0.119126	0.801501	0.718979	0.108805	0.000889	0.246871	0.246021	0.000214	0.000010
9	2	30	0.196680	0.978568	0.003200	0.005494	0.493838	0.122480	0.009157	0.000886		0.000278	0.000047	0.000002	0.000370	0.002824	0.000002	0.000000	0.026402	0.000012	0.000000	0.000000
10	2	60	0.000002	0.000253	0.464920	0.362627	0.000021	0.030606	0.276787	0.740607	0.000278		0.634710	0.218194	0.936488	0.489609	0.201688	0.002613	0.137416	0.405576	0.000684	0.000038
11	2	120	0.000000	0.000043	0.228677	0.167198	0.000003	0.008832	0.119126	0.420893	0.000047	0.634710		0.447847	0.579463	0.244995	0.420325	0.010539	0.050991	0.720881	0.003150	0.000228
12	2	180	0.000000	0.000002	0.051181	0.033385	0.000000	0.000849	0.021527	0.119126	0.000002	0.218194	0.447847		0.190549	0.056088	0.962397	0.068356	0.007246	0.687961	0.026248	0.002878
13	3	30	0.000002	0.000340	0.514838	0.405938	0.000029	0.037258	0.313250	0.801501	0.000370	0.936488	0.579463	0.190549		0.540857	0.174787	0.002014	0.159133	0.362652	0.000520	0.000028
14	3	60	0.000029	0.002578	0.967662	0.825184	0.000289	0.137553	0.689833	0.718979	0.002824	0.489609	0.244995	0.056088	0.540857		0.050182	0.000254	0.423570	0.129217	0.000056	0.000002
15	3	120	0.000000	0.000002	0.045760	0.029894	0.000000	0.000724	0.018971	0.108805	0.000002	0.201688	0.420325	0.962397	0.174787	0.050182		0.075604	0.006326	0.653637	0.029364	0.003352
16	3	180	0.000000	0.000000	0.000223	0.000114	0.000000	0.000001	0.000059	0.000889	0.000000	0.002613	0.010539	0.068356	0.002014	0.000254	0.075604		0.000012	0.026913	0.680583	0.231031
17	4	30	0.000558	0.024801	0.447340	0.561913	0.004006	0.491074	0.687710	0.246871	0.026402	0.137416	0.050991	0.007246	0.159133	0.423570	0.006326	0.000012		0.021376	0.000002	0.000000
18	4	60	0.000000	0.000010	0.119733	0.083056	0.000001	0.003064	0.056409	0.246021	0.000012	0.405576	0.720881	0.687961	0.362652	0.129217	0.653637	0.026913	0.021376		0.008989	0.000783
19	4	120	0.000000	0.000000	0.000047	0.000024	0.000000	0.000000	0.000011	0.000214	0.000000	0.000684	0.003150	0.026248	0.000520	0.000056	0.029364	0.680583	0.000002	0.008989		0.430527
20	4	180	0.000000	0.000000	0.000002	0.000001	0.000000	0.000000	0.000000	0.000010	0.000000	0.000038	0.000228	0.002878	0.000028	0.000002	0.003352	0.231031	0.000000	0.000783	0.430527	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	-3.9252	3.086772	0.205973	-10.0367	2.1864
{1}-{3}	0*30	0*120	-13.3045	3.086772	0.000034	-19.4161	-7.1930

{1}-{4}	0*30	0*180	-12.7461	3.086772	0.000068	-18.8577	-6.6345
{1}-{5}	0*30	1*30	-1.8894	3.087414	0.541718	-8.0023	4.2235
{1}-{6}	0*30	1*60	-8.8145	3.089980	0.005108	-14.9325	-2.6966
{1}-{7}	0*30	1*120	-12.1939	3.089980	0.000134	-18.3119	-6.0760
{1}-{8}	0*30	1*180	-14.5445	3.089980	0.000007	-20.6625	-8.4266
{1}-{9}	0*30	2*30	-4.0083	3.087414	0.196680	-10.1212	2.1045
{1}-{10}	0*30	2*60	-15.5698	3.089980	0.000002	-21.6878	-9.4519
{1}-{11}	0*30	2*120	-17.0402	3.089980	0.000000	-23.1581	-10.9222
{1}-{12}	0*30	2*180	-19.3908	3.089980	0.000000	-25.5087	-13.2728
{1}-{13}	0*30	3*30	-15.3231	3.087414	0.000002	-21.4360	-9.2102
{1}-{14}	0*30	3*60	-13.4301	3.089980	0.000029	-19.5480	-7.3121
{1}-{15}	0*30	3*120	-19.5367	3.089980	0.000000	-25.6547	-13.4188
{1}-{16}	0*30	3*180	-25.0692	3.089980	0.000000	-31.1871	-18.9512
{1}-{17}	0*30	4*30	-10.9489	3.087414	0.000558	-17.0617	-4.8360
{1}-{18}	0*30	4*60	-18.1467	3.089980	0.000000	-24.2647	-12.0288
{1}-{19}	0*30	4*120	-26.3443	3.089980	0.000000	-32.4623	-20.2264
{1}-{20}	0*30	4*180	-28.7858	3.089980	0.000000	-34.9038	-22.6679
{2}-{3}	0*60	0*120	-9.3794	3.086772	0.002918	-15.4910	-3.2678
{2}-{4}	0*60	0*180	-8.8209	3.086772	0.005033	-14.9325	-2.7093
{2}-{5}	0*60	1*30	2.0358	3.089980	0.511270	-4.0822	8.1537
{2}-{6}	0*60	1*60	-4.8894	3.087414	0.115905	-11.0023	1.2235
{2}-{7}	0*60	1*120	-8.2688	3.089980	0.008492	-14.3867	-2.1508
{2}-{8}	0*60	1*180	-10.6194	3.089980	0.000810	-16.7373	-4.5014
{2}-{9}	0*60	2*30	-0.0832	3.089980	0.978568	-6.2011	6.0348
{2}-{10}	0*60	2*60	-11.6447	3.087414	0.000253	-17.7576	-5.5318
{2}-{11}	0*60	2*120	-13.1150	3.089980	0.000043	-19.2329	-6.9971



{2}-{12}	0*60	2*180	-15.4656	3.089980	0.000002	-21.5836	-9.3477
{2}-{13}	0*60	3*30	-11.3980	3.089980	0.000340	-17.5159	-5.2800
{2}-{14}	0*60	3*60	-9.5049	3.087414	0.002578	-15.6178	-3.3921
{2}-{15}	0*60	3*120	-15.6116	3.089980	0.000002	-21.7295	-9.4936
{2}-{16}	0*60	3*180	-21.1440	3.089980	0.000000	-27.2620	-15.0261
{2}-{17}	0*60	4*30	-7.0237	3.089980	0.024801	-13.1417	-0.9058
{2}-{18}	0*60	4*60	-14.2216	3.087414	0.000010	-20.3345	-8.1087
{2}-{19}	0*60	4*120	-22.4192	3.089980	0.000000	-28.5371	-16.3012
{2}-{20}	0*60	4*180	-24.8607	3.089980	0.000000	-30.9786	-18.7427
{3}-{4}	0*120	0*180	0.5585	3.086772	0.856729	-5.5531	6.6701
{3}-{5}	0*120	1*30	11.4152	3.089980	0.000333	5.2972	17.5331
{3}-{6}	0*120	1*60	4.4900	3.089980	0.148811	-1.6279	10.6079
{3}-{7}	0*120	1*120	1.1106	3.087414	0.719688	-5.0023	7.2235
{3}-{8}	0*120	1*180	-1.2400	3.089980	0.688915	-7.3579	4.8779
{3}-{9}	0*120	2*30	9.2962	3.089980	0.003200	3.1783	15.4142
{3}-{10}	0*120	2*60	-2.2653	3.089980	0.464920	-8.3832	3.8526
{3}-{11}	0*120	2*120	-3.7356	3.087414	0.228677	-9.8485	2.3773
{3}-{12}	0*120	2*180	-6.0862	3.089980	0.051181	-12.2042	0.0317
{3}-{13}	0*120	3*30	-2.0186	3.089980	0.514838	-8.1365	4.0994
{3}-{14}	0*120	3*60	-0.1255	3.089980	0.967662	-6.2435	5.9924
{3}-{15}	0*120	3*120	-6.2322	3.087414	0.045760	-12.3451	-0.1193
{3}-{16}	0*120	3*180	-11.7646	3.089980	0.000223	-17.8826	-5.6467
{3}-{17}	0*120	4*30	2.3557	3.089980	0.447340	-3.7623	8.4736
{3}-{18}	0*120	4*60	-4.8422	3.089980	0.119733	-10.9601	1.2757
{3}-{19}	0*120	4*120	-13.0398	3.087414	0.000047	-19.1526	-6.9269
{3}-{20}	0*120	4*180	-15.4813	3.089980	0.000002	-21.5992	-9.3633

{4}-{5}	0*180	1*30	10.8567	3.089980	0.000624	4.7387	16.9746
{4}-{6}	0*180	1*60	3.9315	3.089980	0.205711	-2.1864	10.0495
{4}-{7}	0*180	1*120	0.5521	3.089980	0.858489	-5.5658	6.6701
{4}-{8}	0*180	1*180	-1.7985	3.087414	0.561308	-7.9113	4.3144
{4}-{9}	0*180	2*30	8.7377	3.089980	0.005494	2.6198	14.8557
{4}-{10}	0*180	2*60	-2.8238	3.089980	0.362627	-8.9417	3.2942
{4}-{11}	0*180	2*120	-4.2941	3.089980	0.167198	-10.4120	1.8239
{4}-{12}	0*180	2*180	-6.6447	3.087414	0.033385	-12.7576	-0.5318
{4}-{13}	0*180	3*30	-2.5770	3.089980	0.405938	-8.6950	3.5409
{4}-{14}	0*180	3*60	-0.6840	3.089980	0.825184	-6.8020	5.4339
{4}-{15}	0*180	3*120	-6.7907	3.089980	0.029894	-12.9086	-0.6727
{4}-{16}	0*180	3*180	-12.3231	3.087414	0.000114	-18.4360	-6.2102
{4}-{17}	0*180	4*30	1.7972	3.089980	0.561913	-4.3207	7.9151
{4}-{18}	0*180	4*60	-5.4007	3.089980	0.083056	-11.5186	0.7173
{4}-{19}	0*180	4*120	-13.5983	3.089980	0.000024	-19.7162	-7.4803
{4}-{20}	0*180	4*180	-16.0398	3.087414	0.000001	-22.1526	-9.9269
{5}-{6}	1*30	1*60	-6.9252	3.086772	0.026700	-13.0367	-0.8136
{5}-{7}	1*30	1*120	-10.3045	3.086772	0.001123	-16.4161	-4.1930
{5}-{8}	1*30	1*180	-12.6552	3.086772	0.000076	-18.7667	-6.5436
{5}-{9}	1*30	2*30	-2.1189	3.087414	0.493838	-8.2318	3.9939
{5}-{10}	1*30	2*60	-13.6805	3.089980	0.000021	-19.7984	-7.5625
{5}-{11}	1*30	2*120	-15.1508	3.089980	0.000003	-21.2687	-9.0328
{5}-{12}	1*30	2*180	-17.5014	3.089980	0.000000	-23.6193	-11.3834
{5}-{13}	1*30	3*30	-13.4337	3.087414	0.000029	-19.5466	-7.3208
{5}-{14}	1*30	3*60	-11.5407	3.089980	0.000289	-17.6586	-5.4227
{5}-{15}	1*30	3*120	-17.6473	3.089980	0.000000	-23.7653	-11.5294

{5}-{16}	1*30	3*180	-23.1798	3.089980	0.000000	-29.2977	-17.0618
{5}-{17}	1*30	4*30	-9.0595	3.087414	0.004006	-15.1723	-2.9466
{5}-{18}	1*30	4*60	-16.2573	3.089980	0.000001	-22.3753	-10.1394
{5}-{19}	1*30	4*120	-24.4549	3.089980	0.000000	-30.5729	-18.3370
{5}-{20}	1*30	4*180	-26.8964	3.089980	0.000000	-33.0144	-20.7785
{6}-{7}	1*60	1*120	-3.3794	3.086772	0.275797	-9.4910	2.7322
{6}-{8}	1*60	1*180	-5.7300	3.086772	0.065862	-11.8416	0.3816
{6}-{9}	1*60	2*30	4.8062	3.089980	0.122480	-1.3117	10.9242
{6}-{10}	1*60	2*60	-6.7553	3.087414	0.030606	-12.8682	-0.6424
{6}-{11}	1*60	2*120	-8.2256	3.089980	0.008832	-14.3436	-2.1077
{6}-{12}	1*60	2*180	-10.5762	3.089980	0.000849	-16.6942	-4.4583
{6}-{13}	1*60	3*30	-6.5086	3.089980	0.037258	-12.6265	-0.3906
{6}-{14}	1*60	3*60	-4.6155	3.087414	0.137553	-10.7284	1.4973
{6}-{15}	1*60	3*120	-10.7222	3.089980	0.000724	-16.8401	-4.6043
{6}-{16}	1*60	3*180	-16.2546	3.089980	0.000001	-22.3726	-10.1367
{6}-{17}	1*60	4*30	-2.1343	3.089980	0.491074	-8.2523	3.9836
{6}-{18}	1*60	4*60	-9.3322	3.087414	0.003064	-15.4451	-3.2193
{6}-{19}	1*60	4*120	-17.5298	3.089980	0.000000	-23.6477	-11.4118
{6}-{20}	1*60	4*180	-19.9713	3.089980	0.000000	-26.0892	-13.8533
{7}-{8}	1*120	1*180	-2.3506	3.086772	0.447847	-8.4622	3.7610
{7}-{9}	1*120	2*30	8.1856	3.089980	0.009157	2.0677	14.3036
{7}-{10}	1*120	2*60	-3.3759	3.089980	0.276787	-9.4939	2.7420
{7}-{11}	1*120	2*120	-4.8462	3.087414	0.119126	-10.9591	1.2667
{7}-{12}	1*120	2*180	-7.1968	3.089980	0.021527	-13.3148	-1.0789
{7}-{13}	1*120	3*30	-3.1292	3.089980	0.313250	-9.2471	2.9888
{7}-{14}	1*120	3*60	-1.2361	3.089980	0.689833	-7.3541	4.8818

{7}-{15}	1*120	3*120	-7.3428	3.087414	0.018971	-13.4557	-1.2299
{7}-{16}	1*120	3*180	-12.8752	3.089980	0.000059	-18.9932	-6.7573
{7}-{17}	1*120	4*30	1.2451	3.089980	0.687710	-4.8729	7.3630
{7}-{18}	1*120	4*60	-5.9528	3.089980	0.056409	-12.0707	0.1651
{7}-{19}	1*120	4*120	-14.1504	3.087414	0.000011	-20.2632	-8.0375
{7}-{20}	1*120	4*180	-16.5919	3.089980	0.000000	-22.7098	-10.4739
{8}-{9}	1*180	2*30	10.5362	3.089980	0.000886	4.4183	16.6542
{8}-{10}	1*180	2*60	-1.0253	3.089980	0.740607	-7.1432	5.0926
{8}-{11}	1*180	2*120	-2.4956	3.089980	0.420893	-8.6136	3.6223
{8}-{12}	1*180	2*180	-4.8462	3.087414	0.119126	-10.9591	1.2667
{8}-{13}	1*180	3*30	-0.7786	3.089980	0.801501	-6.8965	5.3394
{8}-{14}	1*180	3*60	1.1145	3.089980	0.718979	-5.0035	7.2324
{8}-{15}	1*180	3*120	-4.9922	3.089980	0.108805	-11.1101	1.1257
{8}-{16}	1*180	3*180	-10.5246	3.087414	0.000889	-16.6375	-4.4118
{8}-{17}	1*180	4*30	3.5957	3.089980	0.246871	-2.5223	9.7136
{8}-{18}	1*180	4*60	-3.6022	3.089980	0.246021	-9.7201	2.5157
{8}-{19}	1*180	4*120	-11.7998	3.089980	0.000214	-17.9177	-5.6818
{8}-{20}	1*180	4*180	-14.2413	3.087414	0.000010	-20.3542	-8.1284
{9}-{10}	2*30	2*60	-11.5615	3.086772	0.000278	-17.6731	-5.4499
{9}-{11}	2*30	2*120	-13.0318	3.086772	0.000047	-19.1434	-6.9202
{9}-{12}	2*30	2*180	-15.3824	3.086772	0.000002	-21.4940	-9.2708
{9}-{13}	2*30	3*30	-11.3148	3.087414	0.000370	-17.4276	-5.2019
{9}-{14}	2*30	3*60	-9.4217	3.089980	0.002824	-15.5397	-3.3038
{9}-{15}	2*30	3*120	-15.5284	3.089980	0.000002	-21.6464	-9.4105
{9}-{16}	2*30	3*180	-21.0608	3.089980	0.000000	-27.1788	-14.9429
{9}-{17}	2*30	4*30	-6.9405	3.087414	0.026402	-13.0534	-0.8277

{9}-{18}	2*30	4*60	-14.1384	3.089980	0.000012	-20.2564	-8.0205
{9}-{19}	2*30	4*120	-22.3360	3.089980	0.000000	-28.4539	-16.2180
{9}-{20}	2*30	4*180	-24.7775	3.089980	0.000000	-30.8954	-18.6596
{10}-{11}	2*60	2*120	-1.4703	3.086772	0.634710	-7.5819	4.6413
{10}-{12}	2*60	2*180	-3.8209	3.086772	0.218194	-9.9325	2.2907
{10}-{13}	2*60	3*30	0.2467	3.089980	0.936488	-5.8712	6.3647
{10}-{14}	2*60	3*60	2.1398	3.087414	0.489609	-3.9731	8.2526
{10}-{15}	2*60	3*120	-3.9669	3.089980	0.201688	-10.0848	2.1511
{10}-{16}	2*60	3*180	-9.4993	3.089980	0.002613	-15.6173	-3.3814
{10}-{17}	2*60	4*30	4.6210	3.089980	0.137416	-1.4970	10.7389
{10}-{18}	2*60	4*60	-2.5769	3.087414	0.405576	-8.6898	3.5360
{10}-{19}	2*60	4*120	-10.7745	3.089980	0.000684	-16.8924	-4.6565
{10}-{20}	2*60	4*180	-13.2160	3.089980	0.000038	-19.3339	-7.0980
{11}-{12}	2*120	2*180	-2.3506	3.086772	0.447847	-8.4622	3.7610
{11}-{13}	2*120	3*30	1.7170	3.089980	0.579463	-4.4009	7.8350
{11}-{14}	2*120	3*60	3.6101	3.089980	0.244995	-2.5079	9.7280
{11}-{15}	2*120	3*120	-2.4966	3.087414	0.420325	-8.6095	3.6163
{11}-{16}	2*120	3*180	-8.0290	3.089980	0.010539	-14.1470	-1.9111
{11}-{17}	2*120	4*30	6.0913	3.089980	0.050991	-0.0267	12.2092
{11}-{18}	2*120	4*60	-1.1066	3.089980	0.720881	-7.2245	5.0114
{11}-{19}	2*120	4*120	-9.3042	3.087414	0.003150	-15.4170	-3.1913
{11}-{20}	2*120	4*180	-11.7457	3.089980	0.000228	-17.8636	-5.6277
{12}-{13}	2*180	3*30	4.0677	3.089980	0.190549	-2.0503	10.1856
{12}-{14}	2*180	3*60	5.9607	3.089980	0.056088	-0.1573	12.0786
{12}-{15}	2*180	3*120	-0.1460	3.089980	0.962397	-6.2639	5.9720
{12}-{16}	2*180	3*180	-5.6784	3.087414	0.068356	-11.7913	0.4345

{12}-{17}	2*180	4*30	8.4419	3.089980	0.007246	2.3239	14.5598
{12}-{18}	2*180	4*60	1.2440	3.089980	0.687961	-4.8739	7.3620
{12}-{19}	2*180	4*120	-6.9536	3.089980	0.026248	-13.0715	-0.8356
{12}-{20}	2*180	4*180	-9.3951	3.087414	0.002878	-15.5079	-3.2822
{13}-{14}	3*30	3*60	1.8930	3.086772	0.540857	-4.2186	8.0046
{13}-{15}	3*30	3*120	-4.2136	3.086772	0.174787	-10.3252	1.8980
{13}-{16}	3*30	3*180	-9.7461	3.086772	0.002014	-15.8577	-3.6345
{13}-{17}	3*30	4*30	4.3742	3.087414	0.159133	-1.7386	10.4871
{13}-{18}	3*30	4*60	-2.8236	3.089980	0.362652	-8.9416	3.2943
{13}-{19}	3*30	4*120	-11.0212	3.089980	0.000520	-17.1392	-4.9033
{13}-{20}	3*30	4*180	-13.4627	3.089980	0.000028	-19.5807	-7.3448
{14}-{15}	3*60	3*120	-6.1067	3.086772	0.050182	-12.2183	0.0049
{14}-{16}	3*60	3*180	-11.6391	3.086772	0.000254	-17.7507	-5.5275
{14}-{17}	3*60	4*30	2.4812	3.089980	0.423570	-3.6367	8.5992
{14}-{18}	3*60	4*60	-4.7167	3.087414	0.129217	-10.8295	1.3962
{14}-{19}	3*60	4*120	-12.9142	3.089980	0.000056	-19.0322	-6.7963
{14}-{20}	3*60	4*180	-15.3558	3.089980	0.000002	-21.4737	-9.2378
{15}-{16}	3*120	3*180	-5.5324	3.086772	0.075604	-11.6440	0.5792
{15}-{17}	3*120	4*30	8.5879	3.089980	0.006326	2.4699	14.7058
{15}-{18}	3*120	4*60	1.3900	3.089980	0.653637	-4.7279	7.5079
{15}-{19}	3*120	4*120	-6.8076	3.087414	0.029364	-12.9204	-0.6947
{15}-{20}	3*120	4*180	-9.2491	3.089980	0.003352	-15.3670	-3.1311
{16}-{17}	3*180	4*30	14.1203	3.089980	0.000012	8.0024	20.2382
{16}-{18}	3*180	4*60	6.9224	3.089980	0.026913	0.8045	13.0404
{16}-{19}	3*180	4*120	-1.2752	3.089980	0.680583	-7.3931	4.8428
{16}-{20}	3*180	4*180	-3.7167	3.087414	0.231031	-9.8295	2.3962

{17}-{18}	4*30	4*60	-7.1979	3.086772	0.021376	-13.3095	-1.0863
{17}-{19}	4*30	4*120	-15.3955	3.086772	0.000002	-21.5070	-9.2839
{17}-{20}	4*30	4*180	-17.8370	3.086772	0.000000	-23.9486	-11.7254
{18}-{19}	4*60	4*120	-8.1976	3.086772	0.008989	-14.3092	-2.0860
{18}-{20}	4*60	4*180	-10.6391	3.086772	0.000783	-16.7507	-4.5275
{19}-{20}	4*120	4*180	-2.4415	3.086772	0.430527	-8.5531	3.6701

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 79.745	{2} - 75.824	{3} - 66.444	{4} - 66.987	{5} - 77.855	{6} - 70.935	{7} - 67.554	{8} - 65.189	{9} - 74.863	{10} - 64.124	{11} - 61.835	{12} - 60.378	{13} - 64.422	{14} - 66.319	{15} - 60.212	{16} - 54.664	{17} - 68.632	{18} - 62.530	{19} - 53.422	{20} - 50.966
1	0	30		0.205667	0.000033	0.000065	0.538952	0.005049	0.000131	0.000006	0.114004	0.000001	0.000000	0.000000	0.000002	0.000028	0.000000	0.000000	0.000427	0.000000	0.000000	0.000000
2	0	60	0.205667		0.002862	0.004875	0.511464	0.113450	0.008360	0.000778	0.755755	0.000216	0.000014	0.000002	0.000330	0.002414	0.000002	0.000000	0.021364	0.000030	0.000000	0.000000
3	0	120	0.000033	0.002862		0.860311	0.000327	0.147928	0.717848	0.684745	0.007290	0.453485	0.135438	0.051512	0.513274	0.967913	0.044317	0.000213	0.479334	0.206889	0.000043	0.000002
4	0	180	0.000065	0.004875	0.860311		0.000602	0.202979	0.854372	0.558628	0.011911	0.355146	0.097392	0.033132	0.407133	0.828976	0.029944	0.000102	0.594732	0.151009	0.000024	0.000001
5	1	30	0.538952	0.511464	0.000327	0.000602		0.026519	0.001104	0.000072	0.331085	0.000019	0.000001	0.000000	0.000025	0.000283	0.000000	0.000000	0.003206	0.000002	0.000000	0.000000
6	1	60	0.005049	0.113450	0.147928	0.202979	0.026519		0.274711	0.064599	0.205261	0.028223	0.003813	0.000848	0.036762	0.134898	0.000707	0.000001	0.456715	0.007062	0.000000	0.000000
7	1	120	0.000131	0.008360	0.717848	0.854372	0.001104	0.274711		0.444063	0.019394	0.268285	0.064582	0.021645	0.311763	0.689556	0.018185	0.000056	0.727343	0.105907	0.000010	0.000000
8	1	180	0.000006	0.000778	0.684745	0.558628	0.000072	0.064599	0.444063		0.002148	0.730638	0.278988	0.119321	0.804007	0.714509	0.109196	0.000822	0.266407	0.390385	0.000216	0.000009
9	2	30	0.114004	0.755755	0.007290	0.011911	0.331085	0.205261	0.019394	0.002148		0.000687	0.000046	0.000007	0.000900	0.006494	0.000006	0.000000	0.044368	0.000110	0.000000	0.000000
10	2	60	0.000001	0.000216	0.453485	0.355146	0.000019	0.028223	0.268285	0.730638	0.000687		0.458814	0.226368	0.923390	0.475472	0.206994	0.002668	0.146449	0.604065	0.000723	0.000040
11	2	120	0.000000	0.000014	0.135438	0.097392	0.000001	0.003813	0.064582	0.278988	0.000046	0.458814		0.637207	0.403249	0.148505	0.597558	0.021747	0.029426	0.821992	0.007012	0.000602
12	2	180	0.000000	0.000002	0.051512	0.033132	0.000000	0.000848	0.021645	0.119321	0.000007	0.226368	0.637207		0.192319	0.056405	0.957050	0.064844	0.008482	0.486651	0.025918	0.002651
13	3	30	0.000002	0.000330	0.513274	0.407133	0.000025	0.036762	0.311763	0.804007	0.000900	0.923390	0.403249	0.192319		0.539047	0.174338	0.001952	0.172264	0.540823	0.000521	0.000027

14	3	60	0.000028	0.002414	0.967913	0.828976	0.000283	0.134898	0.689556	0.714509	0.006494	0.475472	0.148505	0.056405	0.539047		0.049706	0.000243	0.454781	0.218950	0.000055	0.000002
15	3	120	0.000000	0.000002	0.044317	0.029944	0.000000	0.000707	0.018185	0.109196	0.000006	0.206994	0.597558	0.957050	0.174338	0.049706		0.074269	0.007280	0.453662	0.028708	0.003304
16	3	180	0.000000	0.000000	0.000213	0.000102	0.000000	0.000001	0.000056	0.000822	0.000000	0.002668	0.021747	0.064844	0.001952	0.000243	0.074269		0.000014	0.012013	0.687915	0.230134
17	4	30	0.000427	0.021364	0.479334	0.594732	0.003206	0.456715	0.727343	0.266407	0.044368	0.146449	0.029426	0.008482	0.172264	0.454781	0.007280	0.000014		0.049918	0.000003	0.000000
18	4	60	0.000000	0.000030	0.206889	0.151009	0.000002	0.007062	0.105907	0.390385	0.000110	0.604065	0.821992	0.486651	0.540823	0.218950	0.453662	0.012013	0.049918		0.003750	0.000270
19	4	120	0.000000	0.000000	0.000043	0.000024	0.000000	0.000000	0.000010	0.000216	0.000000	0.000723	0.007012	0.025918	0.000521	0.000055	0.028708	0.687915	0.000003	0.003750		0.426797
20	4	180	0.000000	0.000000	0.000002	0.000001	0.000000	0.000000	0.000000	0.000009	0.000000	0.000040	0.000602	0.002651	0.000027	0.000002	0.003304	0.230134	0.000000	0.000270	0.426797	

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*30	0*60	3.9203	3.080867	0.205667	-2.1796	10.02021
{1}-{3}	0*30	0*120	13.3009	3.080867	0.000033	7.2010	19.40081
{1}-{4}	0*30	0*180	12.7576	3.080867	0.000065	6.6577	18.85748
{1}-{5}	0*30	1*30	1.8894	3.066369	0.538952	-4.1818	7.96059
{1}-{6}	0*30	1*60	8.8097	3.084038	0.005049	2.7035	14.91588
{1}-{7}	0*30	1*120	12.1903	3.084038	0.000131	6.0841	18.29648
{1}-{8}	0*30	1*180	14.5561	3.084038	0.000006	8.4499	20.66224
{1}-{9}	0*30	2*30	4.8818	3.066369	0.114004	-1.1894	10.95302
{1}-{10}	0*30	2*60	15.6203	3.084038	0.000001	9.5141	21.72648
{1}-{11}	0*30	2*120	17.9100	3.084038	0.000000	11.8038	24.01618
{1}-{12}	0*30	2*180	19.3667	3.084038	0.000000	13.2605	25.47285



{1}-{13}	0*30	3*30	15.3231	3.066369	0.000002	9.2519	21.39430
{1}-{14}	0*30	3*60	13.4252	3.084038	0.000028	7.3190	19.53141
{1}-{15}	0*30	3*120	19.5331	3.084038	0.000000	13.4269	25.63929
{1}-{16}	0*30	3*180	25.0807	3.084038	0.000000	18.9745	31.18686
{1}-{17}	0*30	4*30	11.1125	3.066369	0.000427	5.0413	17.18370
{1}-{18}	0*30	4*60	17.2146	3.084038	0.000000	11.1084	23.32080
{1}-{19}	0*30	4*120	26.3225	3.084038	0.000000	20.2163	32.42868
{1}-{20}	0*30	4*180	28.7792	3.084038	0.000000	22.6730	34.88535
{2}-{3}	0*60	0*120	9.3806	3.080867	0.002862	3.2807	15.48051
{2}-{4}	0*60	0*180	8.8373	3.080867	0.004875	2.7374	14.93717
{2}-{5}	0*60	1*30	-2.0309	3.084038	0.511464	-8.1371	4.07527
{2}-{6}	0*60	1*60	4.8894	3.066369	0.113450	-1.1818	10.96059
{2}-{7}	0*60	1*120	8.2700	3.084038	0.008360	2.1638	14.37618
{2}-{8}	0*60	1*180	10.6358	3.084038	0.000778	4.5296	16.74194
{2}-{9}	0*60	2*30	0.9615	3.084038	0.755755	-5.1447	7.06770
{2}-{10}	0*60	2*60	11.7000	3.066369	0.000216	5.6288	17.77120
{2}-{11}	0*60	2*120	13.9897	3.084038	0.000014	7.8835	20.09588
{2}-{12}	0*60	2*180	15.4464	3.084038	0.000002	9.3402	21.55254
{2}-{13}	0*60	3*30	11.4028	3.084038	0.000330	5.2966	17.50898
{2}-{14}	0*60	3*60	9.5049	3.066369	0.002414	3.4337	15.57612
{2}-{15}	0*60	3*120	15.6128	3.084038	0.000002	9.5066	21.71898
{2}-{16}	0*60	3*180	21.1604	3.084038	0.000000	15.0542	27.26656
{2}-{17}	0*60	4*30	7.1922	3.084038	0.021364	1.0860	13.29838
{2}-{18}	0*60	4*60	13.2943	3.066369	0.000030	7.2231	19.36552
{2}-{19}	0*60	4*120	22.4022	3.084038	0.000000	16.2960	28.50838
{2}-{20}	0*60	4*180	24.8589	3.084038	0.000000	18.7527	30.96504

{3}-{4}	0*120	0*180	-0.5433	3.080867	0.860311	-6.6432	5.55657
{3}-{5}	0*120	1*30	-11.4115	3.084038	0.000327	-17.5177	-5.30533
{3}-{6}	0*120	1*60	-4.4912	3.084038	0.147928	-10.5974	1.61497
{3}-{7}	0*120	1*120	-1.1106	3.066369	0.717848	-7.1818	4.96059
{3}-{8}	0*120	1*180	1.2552	3.084038	0.684745	-4.8510	7.36133
{3}-{9}	0*120	2*30	-8.4191	3.084038	0.007290	-14.5253	-2.31291
{3}-{10}	0*120	2*60	2.3194	3.084038	0.453485	-3.7868	8.42557
{3}-{11}	0*120	2*120	4.6091	3.066369	0.135438	-1.4621	10.68029
{3}-{12}	0*120	2*180	6.0658	3.084038	0.051512	-0.0404	12.17194
{3}-{13}	0*120	3*30	2.0222	3.084038	0.513274	-4.0840	8.12838
{3}-{14}	0*120	3*60	0.1243	3.084038	0.967913	-5.9819	6.23050
{3}-{15}	0*120	3*120	6.2322	3.066369	0.044317	0.1610	12.30339
{3}-{16}	0*120	3*180	11.7798	3.084038	0.000213	5.6736	17.88595
{3}-{17}	0*120	4*30	-2.1884	3.084038	0.479334	-8.2946	3.91777
{3}-{18}	0*120	4*60	3.9137	3.084038	0.206889	-2.1925	10.01989
{3}-{19}	0*120	4*120	13.0216	3.066369	0.000043	6.9504	19.09279
{3}-{20}	0*120	4*180	15.4783	3.084038	0.000002	9.3721	21.58444
{4}-{5}	0*180	1*30	-10.8682	3.084038	0.000602	-16.9744	-4.76200
{4}-{6}	0*180	1*60	-3.9479	3.084038	0.202979	-10.0541	2.15830
{4}-{7}	0*180	1*120	-0.5673	3.084038	0.854372	-6.6735	5.53891
{4}-{8}	0*180	1*180	1.7985	3.066369	0.558628	-4.2727	7.86968
{4}-{9}	0*180	2*30	-7.8758	3.084038	0.011911	-13.9819	-1.76958
{4}-{10}	0*180	2*60	2.8627	3.084038	0.355146	-3.2435	8.96891
{4}-{11}	0*180	2*120	5.1524	3.084038	0.097392	-0.9538	11.25860
{4}-{12}	0*180	2*180	6.6091	3.066369	0.033132	0.5379	12.68029
{4}-{13}	0*180	3*30	2.5655	3.084038	0.407133	-3.5406	8.67171

{4}-{14}	0*180	3*60	0.6677	3.084038	0.828976	-5.4385	6.77383
{4}-{15}	0*180	3*120	6.7755	3.084038	0.029944	0.6694	12.88171
{4}-{16}	0*180	3*180	12.3231	3.066369	0.000102	6.2519	18.39430
{4}-{17}	0*180	4*30	-1.6451	3.084038	0.594732	-7.7513	4.46110
{4}-{18}	0*180	4*60	4.4570	3.084038	0.151009	-1.6491	10.56323
{4}-{19}	0*180	4*120	13.5649	3.084038	0.000024	7.4587	19.67110
{4}-{20}	0*180	4*180	16.0216	3.066369	0.000001	9.9504	22.09279
{5}-{6}	1*30	1*60	6.9203	3.080867	0.026519	0.8204	13.02021
{5}-{7}	1*30	1*120	10.3009	3.080867	0.001104	4.2010	16.40081
{5}-{8}	1*30	1*180	12.6667	3.080867	0.000072	6.5668	18.76657
{5}-{9}	1*30	2*30	2.9924	3.066369	0.331085	-3.0788	9.06362
{5}-{10}	1*30	2*60	13.7309	3.084038	0.000019	7.6247	19.83709
{5}-{11}	1*30	2*120	16.0206	3.084038	0.000001	9.9144	22.12679
{5}-{12}	1*30	2*180	17.4773	3.084038	0.000000	11.3711	23.58345
{5}-{13}	1*30	3*30	13.4337	3.066369	0.000025	7.3625	19.50491
{5}-{14}	1*30	3*60	11.5358	3.084038	0.000283	5.4297	17.64201
{5}-{15}	1*30	3*120	17.6437	3.084038	0.000000	11.5375	23.74989
{5}-{16}	1*30	3*180	23.1913	3.084038	0.000000	17.0851	29.29747
{5}-{17}	1*30	4*30	9.2231	3.066369	0.003206	3.1519	15.29430
{5}-{18}	1*30	4*60	15.3252	3.084038	0.000002	9.2190	21.43141
{5}-{19}	1*30	4*120	24.4331	3.084038	0.000000	18.3269	30.53929
{5}-{20}	1*30	4*180	26.8898	3.084038	0.000000	20.7836	32.99595
{6}-{7}	1*60	1*120	3.3806	3.080867	0.274711	-2.7193	9.48051
{6}-{8}	1*60	1*180	5.7464	3.080867	0.064599	-0.3535	11.84627
{6}-{9}	1*60	2*30	-3.9279	3.084038	0.205261	-10.0341	2.17830
{6}-{10}	1*60	2*60	6.8106	3.066369	0.028223	0.7394	12.88180

{6}-{11}	1*60	2*120	9.1003	3.084038	0.003813	2.9941	15.20648
{6}-{12}	1*60	2*180	10.5570	3.084038	0.000848	4.4508	16.66315
{6}-{13}	1*60	3*30	6.5134	3.084038	0.036762	0.4072	12.61959
{6}-{14}	1*60	3*60	4.6155	3.066369	0.134898	-1.4557	10.68673
{6}-{15}	1*60	3*120	10.7234	3.084038	0.000707	4.6172	16.82959
{6}-{16}	1*60	3*180	16.2710	3.084038	0.000001	10.1648	22.37717
{6}-{17}	1*60	4*30	2.3028	3.084038	0.456715	-3.8034	8.40898
{6}-{18}	1*60	4*60	8.4049	3.066369	0.007062	2.3337	14.47612
{6}-{19}	1*60	4*120	17.5128	3.084038	0.000000	11.4066	23.61898
{6}-{20}	1*60	4*180	19.9695	3.084038	0.000000	13.8633	26.07565
{7}-{8}	1*120	1*180	2.3658	3.080867	0.444063	-3.7341	8.46566
{7}-{9}	1*120	2*30	-7.3085	3.084038	0.019394	-13.4147	-1.20230
{7}-{10}	1*120	2*60	3.4300	3.084038	0.268285	-2.6762	9.53618
{7}-{11}	1*120	2*120	5.7197	3.066369	0.064582	-0.3515	11.79089
{7}-{12}	1*120	2*180	7.1764	3.084038	0.021645	1.0702	13.28254
{7}-{13}	1*120	3*30	3.1328	3.084038	0.311763	-2.9734	9.23898
{7}-{14}	1*120	3*60	1.2349	3.084038	0.689556	-4.8713	7.34110
{7}-{15}	1*120	3*120	7.3428	3.066369	0.018185	1.2716	13.41400
{7}-{16}	1*120	3*180	12.8904	3.084038	0.000056	6.7842	18.99656
{7}-{17}	1*120	4*30	-1.0778	3.084038	0.727343	-7.1840	5.02838
{7}-{18}	1*120	4*60	5.0243	3.084038	0.105907	-1.0819	11.13050
{7}-{19}	1*120	4*120	14.1322	3.066369	0.000010	8.0610	20.20339
{7}-{20}	1*120	4*180	16.5889	3.084038	0.000000	10.4827	22.69504
{8}-{9}	1*180	2*30	-9.6742	3.084038	0.002148	-15.7804	-3.56806
{8}-{10}	1*180	2*60	1.0642	3.084038	0.730638	-5.0419	7.17042
{8}-{11}	1*180	2*120	3.3539	3.084038	0.278988	-2.7522	9.46012

{8}-{12}	1*180	2*180	4.8106	3.066369	0.119321	-1.2606	10.88180
{8}-{13}	1*180	3*30	0.7670	3.084038	0.804007	-5.3391	6.87323
{8}-{14}	1*180	3*60	-1.1308	3.084038	0.714509	-7.2370	4.97535
{8}-{15}	1*180	3*120	4.9770	3.084038	0.109196	-1.1291	11.08323
{8}-{16}	1*180	3*180	10.5246	3.066369	0.000822	4.4534	16.59582
{8}-{17}	1*180	4*30	-3.4436	3.084038	0.266407	-9.5497	2.66262
{8}-{18}	1*180	4*60	2.6586	3.084038	0.390385	-3.4476	8.76474
{8}-{19}	1*180	4*120	11.7664	3.084038	0.000216	5.6603	17.87262
{8}-{20}	1*180	4*180	14.2231	3.066369	0.000009	8.1519	20.29430
{9}-{10}	2*30	2*60	10.7385	3.080867	0.000687	4.6386	16.83839
{9}-{11}	2*30	2*120	13.0282	3.080867	0.000046	6.9283	19.12808
{9}-{12}	2*30	2*180	14.4848	3.080867	0.000007	8.3849	20.58475
{9}-{13}	2*30	3*30	10.4413	3.066369	0.000900	4.3701	16.51249
{9}-{14}	2*30	3*60	8.5434	3.084038	0.006494	2.4372	14.64959
{9}-{15}	2*30	3*120	14.6513	3.084038	0.000006	8.5451	20.75747
{9}-{16}	2*30	3*180	20.1989	3.084038	0.000000	14.0927	26.30504
{9}-{17}	2*30	4*30	6.2307	3.066369	0.044368	0.1595	12.30188
{9}-{18}	2*30	4*60	12.3328	3.084038	0.000110	6.2266	18.43898
{9}-{19}	2*30	4*120	21.4407	3.084038	0.000000	15.3345	27.54686
{9}-{20}	2*30	4*180	23.8973	3.084038	0.000000	17.7912	30.00353
{10}-{11}	2*60	2*120	2.2897	3.080867	0.458814	-3.8102	8.38960
{10}-{12}	2*60	2*180	3.7464	3.080867	0.226368	-2.3535	9.84627
{10}-{13}	2*60	3*30	-0.2972	3.084038	0.923390	-6.4034	5.80898
{10}-{14}	2*60	3*60	-2.1951	3.066369	0.475472	-8.2663	3.87612
{10}-{15}	2*60	3*120	3.9128	3.084038	0.206994	-2.1934	10.01898
{10}-{16}	2*60	3*180	9.4604	3.084038	0.002668	3.3542	15.56656

{10}-{17}	2*60	4*30	-4.5078	3.084038	0.146449	-10.6140	1.59838
{10}-{18}	2*60	4*60	1.5943	3.066369	0.604065	-4.4769	7.66552
{10}-{19}	2*60	4*120	10.7022	3.084038	0.000723	4.5960	16.80838
{10}-{20}	2*60	4*180	13.1589	3.084038	0.000040	7.0527	19.26504
{11}-{12}	2*120	2*180	1.4567	3.080867	0.637207	-4.6432	7.55657
{11}-{13}	2*120	3*30	-2.5869	3.084038	0.403249	-8.6931	3.51929
{11}-{14}	2*120	3*60	-4.4848	3.084038	0.148505	-10.5910	1.62141
{11}-{15}	2*120	3*120	1.6231	3.066369	0.597558	-4.4481	7.69430
{11}-{16}	2*120	3*180	7.1707	3.084038	0.021747	1.0645	13.27686
{11}-{17}	2*120	4*30	-6.7975	3.084038	0.029426	-12.9037	-0.69132
{11}-{18}	2*120	4*60	-0.6954	3.084038	0.821992	-6.8016	5.41080
{11}-{19}	2*120	4*120	8.4125	3.066369	0.007012	2.3413	14.48370
{11}-{20}	2*120	4*180	10.8692	3.084038	0.000602	4.7630	16.97535
{12}-{13}	2*180	3*30	-4.0436	3.084038	0.192319	-10.1497	2.06262
{12}-{14}	2*180	3*60	-5.9414	3.084038	0.056405	-12.0476	0.16474
{12}-{15}	2*180	3*120	0.1664	3.084038	0.957050	-5.9397	6.27262
{12}-{16}	2*180	3*180	5.7140	3.066369	0.064844	-0.3572	11.78521
{12}-{17}	2*180	4*30	-8.2542	3.084038	0.008482	-14.3603	-2.14799
{12}-{18}	2*180	4*60	-2.1520	3.084038	0.486651	-8.2582	3.95413
{12}-{19}	2*180	4*120	6.9558	3.084038	0.025918	0.8497	13.06201
{12}-{20}	2*180	4*180	9.4125	3.066369	0.002651	3.3413	15.48370
{13}-{14}	3*30	3*60	-1.8979	3.080867	0.539047	-7.9978	4.20202
{13}-{15}	3*30	3*120	4.2100	3.080867	0.174338	-1.8899	10.30990
{13}-{16}	3*30	3*180	9.7576	3.080867	0.001952	3.6577	15.85748
{13}-{17}	3*30	4*30	-4.2106	3.066369	0.172264	-10.2818	1.86059
{13}-{18}	3*30	4*60	1.8915	3.084038	0.540823	-4.2147	7.99770

{13}-{19}	3*30	4*120	10.9994	3.084038	0.000521	4.8932	17.10557
{13}-{20}	3*30	4*180	13.4561	3.084038	0.000027	7.3499	19.56224
{14}-{15}	3*60	3*120	6.1079	3.080867	0.049706	0.0080	12.20778
{14}-{16}	3*60	3*180	11.6555	3.080867	0.000243	5.5556	17.75536
{14}-{17}	3*60	4*30	-2.3127	3.084038	0.454781	-8.4189	3.79345
{14}-{18}	3*60	4*60	3.7894	3.066369	0.218950	-2.2818	9.86059
{14}-{19}	3*60	4*120	12.8973	3.084038	0.000055	6.7911	19.00345
{14}-{20}	3*60	4*180	15.3539	3.084038	0.000002	9.2478	21.46012
{15}-{16}	3*120	3*180	5.5476	3.080867	0.074269	-0.5523	11.64748
{15}-{17}	3*120	4*30	-8.4206	3.084038	0.007280	-14.5268	-2.31443
{15}-{18}	3*120	4*60	-2.3185	3.084038	0.453662	-8.4247	3.78770
{15}-{19}	3*120	4*120	6.7894	3.066369	0.028708	0.7182	12.86059
{15}-{20}	3*120	4*180	9.2461	3.084038	0.003304	3.1399	15.35224
{16}-{17}	3*180	4*30	-13.9682	3.084038	0.000014	-20.0744	-7.86200
{16}-{18}	3*180	4*60	-7.8661	3.084038	0.012013	-13.9722	-1.75988
{16}-{19}	3*180	4*120	1.2418	3.084038	0.687915	-4.8644	7.34800
{16}-{20}	3*180	4*180	3.6985	3.066369	0.230134	-2.3727	9.76968
{17}-{18}	4*30	4*60	6.1021	3.080867	0.049918	0.0022	12.20202
{17}-{19}	4*30	4*120	15.2100	3.080867	0.000003	9.1101	21.30990
{17}-{20}	4*30	4*180	17.6667	3.080867	0.000000	11.5668	23.76657
{18}-{19}	4*60	4*120	9.1079	3.080867	0.003750	3.0080	15.20778
{18}-{20}	4*60	4*180	11.5645	3.080867	0.000270	5.4646	17.66445
{19}-{20}	4*120	4*180	2.4567	3.080867	0.426797	-3.6432	8.55657

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 18.647	{2} - 20.860	{3} - 24.400	{4} - 25.283	{5} - 22.888	{6} - 20.940	{7} - 22.048	{8} - 22.356
1	No	30		0.345973	0.019082	0.007767	0.490173	0.708188	0.579406	0.545768
2	No	60	0.345973		0.136634	0.065885	0.740583	0.989569	0.846114	0.806964
3	No	120	0.019082	0.136634		0.704858	0.804943	0.572920	0.701097	0.738615
4	No	180	0.007767	0.065885	0.704858		0.695877	0.479893	0.597952	0.633098
5	Yes	30	0.490173	0.740583	0.804943	0.695877		0.447606	0.742219	0.834885
6	Yes	60	0.708188	0.989569	0.572920	0.479893	0.447606		0.664629	0.579972
7	Yes	120	0.579406	0.846114	0.701097	0.597952	0.742219	0.664629		0.903922
8	Yes	180	0.545768	0.806964	0.738615	0.633098	0.834885	0.579972	0.903922	

**LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.307498	0.345973	-6.9479	2.52126
{1}-{3}	No*30	No*120	-5.75333	2.307498	0.019082	-10.4879	-1.01874
{1}-{4}	No*30	No*180	-6.63667	2.307498	0.007767	-11.3713	-1.90207
{1}-{5}	No*30	Yes*30	-4.24133	6.062685	0.490173	-16.6809	8.19827
{1}-{6}	No*30	Yes*60	-2.29333	6.062685	0.708188	-14.7329	10.14627
{1}-{7}	No*30	Yes*120	-3.40133	6.062685	0.579406	-15.8409	9.03827
{1}-{8}	No*30	Yes*180	-3.70933	6.062685	0.545768	-16.1489	8.73027



{2}-{3}	No*60	No*120	-3.54000	2.307498	0.136634	-8.2746	1.19459
{2}-{4}	No*60	No*180	-4.42333	2.307498	0.065885	-9.1579	0.31126
{2}-{5}	No*60	Yes*30	-2.02800	6.062685	0.740583	-14.4676	10.41160
{2}-{6}	No*60	Yes*60	-0.08000	6.062685	0.989569	-12.5196	12.35960
{2}-{7}	No*60	Yes*120	-1.18800	6.062685	0.846114	-13.6276	11.25160
{2}-{8}	No*60	Yes*180	-1.49600	6.062685	0.806964	-13.9356	10.94360
{3}-{4}	No*120	No*180	-0.88333	2.307498	0.704858	-5.6179	3.85126
{3}-{5}	No*120	Yes*30	1.51200	6.062685	0.804943	-10.9276	13.95160
{3}-{6}	No*120	Yes*60	3.46000	6.062685	0.572920	-8.9796	15.89960
{3}-{7}	No*120	Yes*120	2.35200	6.062685	0.701097	-10.0876	14.79160
{3}-{8}	No*120	Yes*180	2.04400	6.062685	0.738615	-10.3956	14.48360
{4}-{5}	No*180	Yes*30	2.39533	6.062685	0.695877	-10.0443	14.83494
{4}-{6}	No*180	Yes*60	4.34333	6.062685	0.479893	-8.0963	16.78294
{4}-{7}	No*180	Yes*120	3.23533	6.062685	0.597952	-9.2043	15.67494
{4}-{8}	No*180	Yes*180	2.92733	6.062685	0.633098	-9.5123	15.36694
{5}-{6}	Yes*30	Yes*60	1.94800	2.527737	0.447606	-3.2385	7.13449
{5}-{7}	Yes*30	Yes*120	0.84000	2.527737	0.742219	-4.3465	6.02649
{5}-{8}	Yes*30	Yes*180	0.53200	2.527737	0.834885	-4.6545	5.71849
{6}-{7}	Yes*60	Yes*120	-1.10800	2.527737	0.664629	-6.2945	4.07849
{6}-{8}	Yes*60	Yes*180	-1.41600	2.527737	0.579972	-6.6025	3.77049
{7}-{8}	Yes*120	Yes*180	-0.30800	2.527737	0.903922	-5.4945	4.87849

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
	<b>Obese (Y/N)</b>	<b>Time Point</b>	<b>{1} - 73.580</b>	<b>{2} - 71.700</b>	<b>{3} - 70.297</b>	<b>{4} - 70.917</b>	<b>{5} - 74.384</b>	<b>{6} - 76.032</b>	<b>{7} - 75.468</b>	<b>{8} - 75.400</b>

Cell No.											
1	No	30		0.329347	0.094165	0.170752	0.882786	0.653511	0.729415	0.738778	
2	No	60	0.329347		0.464786	0.682212	0.623301	0.429580	0.491424	0.499209	
3	No	120	0.094165	0.464786		0.745739	0.455804	0.297755	0.346891	0.353165	
4	No	180	0.170752	0.682212	0.745739		0.526359	0.352052	0.406876	0.413833	
5	Yes	30	0.882786	0.623301	0.455804	0.526359		0.433594	0.605329	0.628043	
6	Yes	60	0.653511	0.429580	0.297755	0.352052	0.433594		0.787655	0.762820	
7	Yes	120	0.729415	0.491424	0.346891	0.406876	0.605329	0.787655		0.974075	
8	Yes	180	0.738778	0.499209	0.353165	0.413833	0.628043	0.762820	0.974075		

**LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	1.88000	1.892537	0.329347	-2.0032	5.76316
{1}-{3}	No*30	No*120	3.28333	1.892537	0.094165	-0.5998	7.16650
{1}-{4}	No*30	No*180	2.66333	1.892537	0.170752	-1.2198	6.54650
{1}-{5}	No*30	Yes*30	-0.80400	5.401786	0.882786	-11.8875	10.27955
{1}-{6}	No*30	Yes*60	-2.45200	5.401786	0.653511	-13.5355	8.63155
{1}-{7}	No*30	Yes*120	-1.88800	5.401786	0.729415	-12.9715	9.19555
{1}-{8}	No*30	Yes*180	-1.82000	5.401786	0.738778	-12.9035	9.26355
{2}-{3}	No*60	No*120	1.40333	1.892537	0.464786	-2.4798	5.28650
{2}-{4}	No*60	No*180	0.78333	1.892537	0.682212	-3.0998	4.66650

{2}-{5}	No*60	Yes*30	-2.68400	5.401786	0.623301	-13.7675	8.39955
{2}-{6}	No*60	Yes*60	-4.33200	5.401786	0.429580	-15.4155	6.75155
{2}-{7}	No*60	Yes*120	-3.76800	5.401786	0.491424	-14.8515	7.31555
{2}-{8}	No*60	Yes*180	-3.70000	5.401786	0.499209	-14.7835	7.38355
{3}-{4}	No*120	No*180	-0.62000	1.892537	0.745739	-4.5032	3.26316
{3}-{5}	No*120	Yes*30	-4.08733	5.401786	0.455804	-15.1709	6.99622
{3}-{6}	No*120	Yes*60	-5.73533	5.401786	0.297755	-16.8189	5.34822
{3}-{7}	No*120	Yes*120	-5.17133	5.401786	0.346891	-16.2549	5.91222
{3}-{8}	No*120	Yes*180	-5.10333	5.401786	0.353165	-16.1869	5.98022
{4}-{5}	No*180	Yes*30	-3.46733	5.401786	0.526359	-14.5509	7.61622
{4}-{6}	No*180	Yes*60	-5.11533	5.401786	0.352052	-16.1989	5.96822
{4}-{7}	No*180	Yes*120	-4.55133	5.401786	0.406876	-15.6349	6.53222
{4}-{8}	No*180	Yes*180	-4.48333	5.401786	0.413833	-15.5669	6.60022
{5}-{6}	Yes*30	Yes*60	-1.64800	2.073170	0.433594	-5.9018	2.60579
{5}-{7}	Yes*30	Yes*120	-1.08400	2.073170	0.605329	-5.3378	3.16979
{5}-{8}	Yes*30	Yes*180	-1.01600	2.073170	0.628043	-5.2698	3.23779
{6}-{7}	Yes*60	Yes*120	0.56400	2.073170	0.787655	-3.6898	4.81779
{6}-{8}	Yes*60	Yes*180	0.63200	2.073170	0.762820	-3.6218	4.88579
{7}-{8}	Yes*120	Yes*180	0.06800	2.073170	0.974075	-4.1858	4.32179

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 7.7533	{2} - 7.4367	{3} - 5.3067	{4} - 3.7933	{5} - 2.7360	{6} - 3.0320	{7} - 2.4800	{8} - 2.2360

1	No	30		0.779133	0.037452	0.001465	0.009268	0.013696	0.006564	0.004697
2	No	60	0.779133		0.067437	0.003017	0.014069	0.020567	0.010048	0.007244
3	No	120	0.037452	0.067437		0.187051	0.162515	0.214723	0.126005	0.097767
4	No	180	0.001465	0.003017	0.187051		0.559702	0.674018	0.469520	0.392032
5	Yes	30	0.009268	0.014069	0.162515	0.559702		0.810831	0.835981	0.686278
6	Yes	60	0.013696	0.020567	0.214723	0.674018	0.810831		0.655765	0.521183
7	Yes	120	0.006564	0.010048	0.126005	0.469520	0.835981	0.655765		0.843562
8	Yes	180	0.004697	0.007244	0.097767	0.392032	0.686278	0.521183	0.843562	

**LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	0.316667	1.117910	0.779133	-1.97710	2.610429
{1}-{3}	No*30	No*120	2.446667	1.117910	0.037452	0.15290	4.740429
{1}-{4}	No*30	No*180	3.960000	1.117910	0.001465	1.66624	6.253763
{1}-{5}	No*30	Yes*30	5.017333	1.790278	0.009268	1.34399	8.690681
{1}-{6}	No*30	Yes*60	4.721333	1.790278	0.013696	1.04799	8.394681
{1}-{7}	No*30	Yes*120	5.273333	1.790278	0.006564	1.59999	8.946681
{1}-{8}	No*30	Yes*180	5.517333	1.790278	0.004697	1.84399	9.190681
{2}-{3}	No*60	No*120	2.130000	1.117910	0.067437	-0.16376	4.423763
{2}-{4}	No*60	No*180	3.643333	1.117910	0.003017	1.34957	5.937096
{2}-{5}	No*60	Yes*30	4.700667	1.790278	0.014069	1.02732	8.374015

{2}-{6}	No*60	Yes*60	4.404667	1.790278	0.020567	0.73132	8.078015
{2}-{7}	No*60	Yes*120	4.956667	1.790278	0.010048	1.28332	8.630015
{2}-{8}	No*60	Yes*180	5.200667	1.790278	0.007244	1.52732	8.874015
{3}-{4}	No*120	No*180	1.513333	1.117910	0.187051	-0.78043	3.807096
{3}-{5}	No*120	Yes*30	2.570667	1.790278	0.162515	-1.10268	6.244015
{3}-{6}	No*120	Yes*60	2.274667	1.790278	0.214723	-1.39868	5.948015
{3}-{7}	No*120	Yes*120	2.826667	1.790278	0.126005	-0.84668	6.500015
{3}-{8}	No*120	Yes*180	3.070667	1.790278	0.097767	-0.60268	6.744015
{4}-{5}	No*180	Yes*30	1.057333	1.790278	0.559702	-2.61601	4.730681
{4}-{6}	No*180	Yes*60	0.761333	1.790278	0.674018	-2.91201	4.434681
{4}-{7}	No*180	Yes*120	1.313333	1.790278	0.469520	-2.36001	4.986681
{4}-{8}	No*180	Yes*180	1.557333	1.790278	0.392032	-2.11601	5.230681
{5}-{6}	Yes*30	Yes*60	-0.296000	1.224610	0.810831	-2.80869	2.216691
{5}-{7}	Yes*30	Yes*120	0.256000	1.224610	0.835981	-2.25669	2.768691
{5}-{8}	Yes*30	Yes*180	0.500000	1.224610	0.686278	-2.01269	3.012691
{6}-{7}	Yes*60	Yes*120	0.552000	1.224610	0.655765	-1.96069	3.064691
{6}-{8}	Yes*60	Yes*180	0.796000	1.224610	0.521183	-1.71669	3.308691
{7}-{8}	Yes*120	Yes*180	0.244000	1.224610	0.843562	-2.26869	2.756691

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 11.650	{2} - 9.2400	{3} - 9.4533	{4} - 6.9167	{5} - 5.2680	{6} - 5.9840	{7} - 3.8520	{8} - 3.5440
1	No	30		0.205722	0.247560	0.016889	0.110446	0.154402	0.053785	0.045568

2	No	60	0.205722		0.909469	0.222016	0.313454	0.407177	0.174878	0.152313
3	No	120	0.247560	0.909469		0.183580	0.288673	0.377553	0.158985	0.138101
4	No	180	0.016889	0.222016	0.183580		0.673232	0.811229	0.434959	0.390799
5	Yes	30	0.110446	0.313454	0.288673	0.673232		0.727819	0.492702	0.404578
6	Yes	60	0.154402	0.407177	0.377553	0.811229	0.727819		0.304319	0.241169
7	Yes	120	0.053785	0.174878	0.158985	0.434959	0.492702	0.304319		0.880883
8	Yes	180	0.045568	0.152313	0.138101	0.390799	0.404578	0.241169	0.880883	

**LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.410000	1.858627	0.205722	-1.40359	6.22359
{1}-{3}	No*30	No*120	2.196667	1.858627	0.247560	-1.61692	6.01025
{1}-{4}	No*30	No*180	4.733333	1.858627	0.016889	0.91975	8.54692
{1}-{5}	No*30	Yes*30	6.382000	3.866925	0.110446	-1.55227	14.31627
{1}-{6}	No*30	Yes*60	5.666000	3.866925	0.154402	-2.26827	13.60027
{1}-{7}	No*30	Yes*120	7.798000	3.866925	0.053785	-0.13627	15.73227
{1}-{8}	No*30	Yes*180	8.106000	3.866925	0.045568	0.17173	16.04027
{2}-{3}	No*60	No*120	-0.213333	1.858627	0.909469	-4.02692	3.60025
{2}-{4}	No*60	No*180	2.323333	1.858627	0.222016	-1.49025	6.13692
{2}-{5}	No*60	Yes*30	3.972000	3.866925	0.313454	-3.96227	11.90627
{2}-{6}	No*60	Yes*60	3.256000	3.866925	0.407177	-4.67827	11.19027

{2}-{7}	No*60	Yes*120	5.388000	3.866925	0.174878	-2.54627	13.32227
{2}-{8}	No*60	Yes*180	5.696000	3.866925	0.152313	-2.23827	13.63027
{3}-{4}	No*120	No*180	2.536667	1.858627	0.183580	-1.27692	6.35025
{3}-{5}	No*120	Yes*30	4.185333	3.866925	0.288673	-3.74894	12.11961
{3}-{6}	No*120	Yes*60	3.469333	3.866925	0.377553	-4.46494	11.40361
{3}-{7}	No*120	Yes*120	5.601333	3.866925	0.158985	-2.33294	13.53561
{3}-{8}	No*120	Yes*180	5.909333	3.866925	0.138101	-2.02494	13.84361
{4}-{5}	No*180	Yes*30	1.648667	3.866925	0.673232	-6.28561	9.58294
{4}-{6}	No*180	Yes*60	0.932667	3.866925	0.811229	-7.00161	8.86694
{4}-{7}	No*180	Yes*120	3.064667	3.866925	0.434959	-4.86961	10.99894
{4}-{8}	No*180	Yes*180	3.372667	3.866925	0.390799	-4.56161	11.30694
{5}-{6}	Yes*30	Yes*60	-0.716000	2.036024	0.727819	-4.89358	3.46158
{5}-{7}	Yes*30	Yes*120	1.416000	2.036024	0.492702	-2.76158	5.59358
{5}-{8}	Yes*30	Yes*180	1.724000	2.036024	0.404578	-2.45358	5.90158
{6}-{7}	Yes*60	Yes*120	2.132000	2.036024	0.304319	-2.04558	6.30958
{6}-{8}	Yes*60	Yes*180	2.440000	2.036024	0.241169	-1.73758	6.61758
{7}-{8}	Yes*120	Yes*180	0.308000	2.036024	0.880883	-3.86958	4.48558

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 17.977	{2} - 15.850	{3} - 11.430	{4} - 10.090	{5} - 9.1400	{6} - 9.9000	{7} - 10.816	{8} - 8.3720
1	No	30		0.274904	0.001951	0.000311	0.024755	0.038698	0.064584	0.015480
2	No	60	0.274904		0.028375	0.005491	0.082147	0.120998	0.186777	0.054270

3	No	120	0.001951	0.028375		0.488555	0.542917	0.683807	0.870002	0.417791
4	No	180	0.000311	0.005491	0.488555		0.800172	0.959601	0.846576	0.647576
5	Yes	30	0.024755	0.082147	0.542917	0.800172		0.719010	0.429687	0.716187
6	Yes	60	0.038698	0.120998	0.683807	0.959601	0.719010		0.664729	0.471095
7	Yes	120	0.064584	0.186777	0.870002	0.846576	0.429687	0.664729		0.252555
8	Yes	180	0.015480	0.054270	0.417791	0.647576	0.716187	0.471095	0.252555	

**LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.12667	1.908246	0.274904	-1.78873	6.04206
{1}-{3}	No*30	No*120	6.54667	1.908246	0.001951	2.63127	10.46206
{1}-{4}	No*30	No*180	7.88667	1.908246	0.000311	3.97127	11.80206
{1}-{5}	No*30	Yes*30	8.83667	3.716264	0.024755	1.21152	16.46181
{1}-{6}	No*30	Yes*60	8.07667	3.716264	0.038698	0.45152	15.70181
{1}-{7}	No*30	Yes*120	7.16067	3.716264	0.064584	-0.46448	14.78581
{1}-{8}	No*30	Yes*180	9.60467	3.716264	0.015480	1.97952	17.22981
{2}-{3}	No*60	No*120	4.42000	1.908246	0.028375	0.50460	8.33540
{2}-{4}	No*60	No*180	5.76000	1.908246	0.005491	1.84460	9.67540
{2}-{5}	No*60	Yes*30	6.71000	3.716264	0.082147	-0.91514	14.33514
{2}-{6}	No*60	Yes*60	5.95000	3.716264	0.120998	-1.67514	13.57514
{2}-{7}	No*60	Yes*120	5.03400	3.716264	0.186777	-2.59114	12.65914



{2}-{8}	No*60	Yes*180	7.47800	3.716264	0.054270	-0.14714	15.10314
{3}-{4}	No*120	No*180	1.34000	1.908246	0.488555	-2.57540	5.25540
{3}-{5}	No*120	Yes*30	2.29000	3.716264	0.542917	-5.33514	9.91514
{3}-{6}	No*120	Yes*60	1.53000	3.716264	0.683807	-6.09514	9.15514
{3}-{7}	No*120	Yes*120	0.61400	3.716264	0.870002	-7.01114	8.23914
{3}-{8}	No*120	Yes*180	3.05800	3.716264	0.417791	-4.56714	10.68314
{4}-{5}	No*180	Yes*30	0.95000	3.716264	0.800172	-6.67514	8.57514
{4}-{6}	No*180	Yes*60	0.19000	3.716264	0.959601	-7.43514	7.81514
{4}-{7}	No*180	Yes*120	-0.72600	3.716264	0.846576	-8.35114	6.89914
{4}-{8}	No*180	Yes*180	1.71800	3.716264	0.647576	-5.90714	9.34314
{5}-{6}	Yes*30	Yes*60	-0.76000	2.090379	0.719010	-5.04910	3.52910
{5}-{7}	Yes*30	Yes*120	-1.67600	2.090379	0.429687	-5.96510	2.61310
{5}-{8}	Yes*30	Yes*180	0.76800	2.090379	0.716187	-3.52110	5.05710
{6}-{7}	Yes*60	Yes*120	-0.91600	2.090379	0.664729	-5.20510	3.37310
{6}-{8}	Yes*60	Yes*180	1.52800	2.090379	0.471095	-2.76110	5.81710
{7}-{8}	Yes*120	Yes*180	2.44400	2.090379	0.252555	-1.84510	6.73310

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 51.723	{2} - 54.043	{3} - 54.713	{4} - 57.717	{5} - 62.716	{6} - 63.188	{7} - 63.288	{8} - 66.128
1	No	30		0.288429	0.174197	0.009381	0.006710	0.004926	0.004611	0.000661
2	No	60	0.288429		0.756885	0.097878	0.028345	0.021397	0.020142	0.003261
3	No	120	0.174197	0.756885		0.172349	0.041743	0.031828	0.030023	0.005091

4	No	180	0.009381	0.097878	0.172349		0.192870	0.155403	0.148266	0.033022
5	Yes	30	0.006710	0.028345	0.041743	0.192870		0.842113	0.809283	0.157514
6	Yes	60	0.004926	0.021397	0.031828	0.155403	0.842113		0.966326	0.221046
7	Yes	120	0.004611	0.020142	0.030023	0.148266	0.809283	0.966326		0.236721
8	Yes	180	0.000661	0.003261	0.005091	0.033022	0.157514	0.221046	0.236721	

**LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.3200	2.142392	0.288429	-6.7158	2.07583
{1}-{3}	No*30	No*120	-2.9900	2.142392	0.174197	-7.3858	1.40583
{1}-{4}	No*30	No*180	-5.9933	2.142392	0.009381	-10.3892	-1.59751
{1}-{5}	No*30	Yes*30	-10.9927	3.743480	0.006710	-18.6737	-3.31168
{1}-{6}	No*30	Yes*60	-11.4647	3.743480	0.004926	-19.1457	-3.78368
{1}-{7}	No*30	Yes*120	-11.5647	3.743480	0.004611	-19.2457	-3.88368
{1}-{8}	No*30	Yes*180	-14.4047	3.743480	0.000661	-22.0857	-6.72368
{2}-{3}	No*60	No*120	-0.6700	2.142392	0.756885	-5.0658	3.72583
{2}-{4}	No*60	No*180	-3.6733	2.142392	0.097878	-8.0692	0.72249
{2}-{5}	No*60	Yes*30	-8.6727	3.743480	0.028345	-16.3537	-0.99168
{2}-{6}	No*60	Yes*60	-9.1447	3.743480	0.021397	-16.8257	-1.46368
{2}-{7}	No*60	Yes*120	-9.2447	3.743480	0.020142	-16.9257	-1.56368
{2}-{8}	No*60	Yes*180	-12.0847	3.743480	0.003261	-19.7657	-4.40368

{3}-{4}	No*120	No*180	-3.0033	2.142392	0.172349	-7.3992	1.39249
{3}-{5}	No*120	Yes*30	-8.0027	3.743480	0.041743	-15.6837	-0.32168
{3}-{6}	No*120	Yes*60	-8.4747	3.743480	0.031828	-16.1557	-0.79368
{3}-{7}	No*120	Yes*120	-8.5747	3.743480	0.030023	-16.2557	-0.89368
{3}-{8}	No*120	Yes*180	-11.4147	3.743480	0.005091	-19.0957	-3.73368
{4}-{5}	No*180	Yes*30	-4.9993	3.743480	0.192870	-12.6803	2.68165
{4}-{6}	No*180	Yes*60	-5.4713	3.743480	0.155403	-13.1523	2.20965
{4}-{7}	No*180	Yes*120	-5.5713	3.743480	0.148266	-13.2523	2.10965
{4}-{8}	No*180	Yes*180	-8.4113	3.743480	0.033022	-16.0923	-0.73035
{5}-{6}	Yes*30	Yes*60	-0.4720	2.346873	0.842113	-5.2874	4.34339
{5}-{7}	Yes*30	Yes*120	-0.5720	2.346873	0.809283	-5.3874	4.24339
{5}-{8}	Yes*30	Yes*180	-3.4120	2.346873	0.157514	-8.2274	1.40339
{6}-{7}	Yes*60	Yes*120	-0.1000	2.346873	0.966326	-4.9154	4.71539
{6}-{8}	Yes*60	Yes*180	-2.9400	2.346873	0.221046	-7.7554	1.87539
{7}-{8}	Yes*120	Yes*180	-2.8400	2.346873	0.236721	-7.6554	1.97539

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 18.647	{2} - 20.860	{3} - 24.400	{4} - 25.283	{5} - 22.888	{6} - 20.940	{7} - 22.848	{8} - 22.356
1	No	30		0.353970	0.020976	0.008720	0.496027	0.711959	0.500064	0.551193
2	No	60	0.353970		0.143049	0.070254	0.743971	0.989710	0.748839	0.809529
3	No	120	0.020976	0.143049		0.709557	0.807534	0.578106	0.802552	0.742027
4	No	180	0.008720	0.070254	0.709557		0.699790	0.485816	0.695040	0.637696

5	Yes	30	0.496027	0.743971	0.807534	0.699790		0.455159	0.987700	0.837606
6	Yes	60	0.711959	0.989710	0.578106	0.485816	0.455159		0.464376	0.586291
7	Yes	120	0.500064	0.748839	0.802552	0.695040	0.987700	0.464376		0.849656
8	Yes	180	0.551193	0.809529	0.742027	0.637696	0.837606	0.586291	0.849656	

**LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.346756	0.353970	-7.0285	2.60181
{1}-{3}	No*30	No*120	-5.75333	2.346756	0.020976	-10.5685	-0.93819
{1}-{4}	No*30	No*180	-6.63667	2.346756	0.008720	-11.4518	-1.82152
{1}-{5}	No*30	Yes*30	-4.24133	6.146057	0.496027	-16.8520	8.36933
{1}-{6}	No*30	Yes*60	-2.29333	6.146057	0.711959	-14.9040	10.31733
{1}-{7}	No*30	Yes*120	-4.20133	6.146057	0.500064	-16.8120	8.40933
{1}-{8}	No*30	Yes*180	-3.70933	6.146057	0.551193	-16.3200	8.90133
{2}-{3}	No*60	No*120	-3.54000	2.346756	0.143049	-8.3551	1.27515
{2}-{4}	No*60	No*180	-4.42333	2.346756	0.070254	-9.2385	0.39181
{2}-{5}	No*60	Yes*30	-2.02800	6.146057	0.743971	-14.6387	10.58267
{2}-{6}	No*60	Yes*60	-0.08000	6.146057	0.989710	-12.6907	12.53067
{2}-{7}	No*60	Yes*120	-1.98800	6.146057	0.748839	-14.5987	10.62267
{2}-{8}	No*60	Yes*180	-1.49600	6.146057	0.809529	-14.1067	11.11467
{3}-{4}	No*120	No*180	-0.88333	2.346756	0.709557	-5.6985	3.93181

{3}-{5}	No*120	Yes*30	1.51200	6.146057	0.807534	-11.0987	14.12267
{3}-{6}	No*120	Yes*60	3.46000	6.146057	0.578106	-9.1507	16.07067
{3}-{7}	No*120	Yes*120	1.55200	6.146057	0.802552	-11.0587	14.16267
{3}-{8}	No*120	Yes*180	2.04400	6.146057	0.742027	-10.5667	14.65467
{4}-{5}	No*180	Yes*30	2.39533	6.146057	0.699790	-10.2153	15.00600
{4}-{6}	No*180	Yes*60	4.34333	6.146057	0.485816	-8.2673	16.95400
{4}-{7}	No*180	Yes*120	2.43533	6.146057	0.695040	-10.1753	15.04600
{4}-{8}	No*180	Yes*180	2.92733	6.146057	0.637696	-9.6833	15.53800
{5}-{6}	Yes*30	Yes*60	1.94800	2.570742	0.455159	-3.3267	7.22273
{5}-{7}	Yes*30	Yes*120	0.04000	2.570742	0.987700	-5.2347	5.31473
{5}-{8}	Yes*30	Yes*180	0.53200	2.570742	0.837606	-4.7427	5.80673
{6}-{7}	Yes*60	Yes*120	-1.90800	2.570742	0.464376	-7.1827	3.36673
{6}-{8}	Yes*60	Yes*180	-1.41600	2.570742	0.586291	-6.6907	3.85873
{7}-{8}	Yes*120	Yes*180	0.49200	2.570742	0.849656	-4.7827	5.76673

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 2.9333	{2} - 2.5700	{3} - 2.5200	{4} - 1.6800	{5} - .74000	{6} - 1.0960	{7} - .54000	{8} - .62400
1	No	30		0.532202	0.477799	0.037922	0.047096	0.092745	0.031389	0.037297
2	No	60	0.532202		0.931251	0.132782	0.093989	0.173441	0.064750	0.075899
3	No	120	0.477799	0.931251		0.155030	0.102846	0.187989	0.071201	0.083293
4	No	180	0.037922	0.132782	0.155030		0.380460	0.584166	0.289102	0.325392
5	Yes	30	0.047096	0.093989	0.102846	0.380460		0.576078	0.752955	0.855061

6	Yes	60	0.092745	0.173441	0.187989	0.584166	0.576078		0.384525	0.459500
7	Yes	120	0.031389	0.064750	0.071201	0.289102	0.752955	0.384525		0.894751
8	Yes	180	0.037297	0.075899	0.083293	0.325392	0.855061	0.459500	0.894751	

**LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	0.363333	0.574189	0.532202	-0.81480	1.541471
{1}-{3}	No*30	No*120	0.413333	0.574189	0.477799	-0.76480	1.591471
{1}-{4}	No*30	No*180	1.253333	0.574189	0.037922	0.07520	2.431471
{1}-{5}	No*30	Yes*30	2.193333	1.054230	0.047096	0.03023	4.356435
{1}-{6}	No*30	Yes*60	1.837333	1.054230	0.092745	-0.32577	4.000435
{1}-{7}	No*30	Yes*120	2.393333	1.054230	0.031389	0.23023	4.556435
{1}-{8}	No*30	Yes*180	2.309333	1.054230	0.037297	0.14623	4.472435
{2}-{3}	No*60	No*120	0.050000	0.574189	0.931251	-1.12814	1.228138
{2}-{4}	No*60	No*180	0.890000	0.574189	0.132782	-0.28814	2.068138
{2}-{5}	No*60	Yes*30	1.830000	1.054230	0.093989	-0.33310	3.993101
{2}-{6}	No*60	Yes*60	1.474000	1.054230	0.173441	-0.68910	3.637101
{2}-{7}	No*60	Yes*120	2.030000	1.054230	0.064750	-0.13310	4.193101
{2}-{8}	No*60	Yes*180	1.946000	1.054230	0.075899	-0.21710	4.109101
{3}-{4}	No*120	No*180	0.840000	0.574189	0.155030	-0.33814	2.018138
{3}-{5}	No*120	Yes*30	1.780000	1.054230	0.102846	-0.38310	3.943101

{3}-{6}	No*120	Yes*60	1.424000	1.054230	0.187989	-0.73910	3.587101
{3}-{7}	No*120	Yes*120	1.980000	1.054230	0.071201	-0.18310	4.143101
{3}-{8}	No*120	Yes*180	1.896000	1.054230	0.083293	-0.26710	4.059101
{4}-{5}	No*180	Yes*30	0.940000	1.054230	0.380460	-1.22310	3.103101
{4}-{6}	No*180	Yes*60	0.584000	1.054230	0.584166	-1.57910	2.747101
{4}-{7}	No*180	Yes*120	1.140000	1.054230	0.289102	-1.02310	3.303101
{4}-{8}	No*180	Yes*180	1.056000	1.054230	0.325392	-1.10710	3.219101
{5}-{6}	Yes*30	Yes*60	-0.356000	0.628992	0.576078	-1.64659	0.934585
{5}-{7}	Yes*30	Yes*120	0.200000	0.628992	0.752955	-1.09059	1.490585
{5}-{8}	Yes*30	Yes*180	0.116000	0.628992	0.855061	-1.17459	1.406585
{6}-{7}	Yes*60	Yes*120	0.556000	0.628992	0.384525	-0.73459	1.846585
{6}-{8}	Yes*60	Yes*180	0.472000	0.628992	0.459500	-0.81859	1.762585
{7}-{8}	Yes*120	Yes*180	-0.084000	0.628992	0.894751	-1.37459	1.206585

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 13.857	{2} - 11.543	{3} - 9.7100	{4} - 7.3467	{5} - 6.5400	{6} - 6.8960	{7} - 5.2520	{8} - 4.8600
1	No	30		0.232136	0.037254	0.001906	0.051821	0.063454	0.023944	0.018719
2	No	60	0.232136		0.341279	0.035194	0.175491	0.207201	0.091570	0.074036
3	No	120	0.037254	0.341279		0.222466	0.385827	0.440727	0.225767	0.188648
4	No	180	0.001906	0.035194	0.222466		0.824201	0.901199	0.565079	0.495166
5	Yes	30	0.051821	0.175491	0.385827	0.824201		0.864939	0.539627	0.424817
6	Yes	60	0.063454	0.207201	0.440727	0.901199	0.864939		0.434693	0.334779

7	Yes	120	0.023944	0.091570	0.225767	0.565079	0.539627	0.434693		0.851441
8	Yes	180	0.018719	0.074036	0.188648	0.495166	0.424817	0.334779	0.851441	

**LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.313333	1.892516	0.232136	-1.56979	6.19646
{1}-{3}	No*30	No*120	4.146667	1.892516	0.037254	0.26354	8.02979
{1}-{4}	No*30	No*180	6.510000	1.892516	0.001906	2.62688	10.39312
{1}-{5}	No*30	Yes*30	7.316667	3.596140	0.051821	-0.06200	14.69534
{1}-{6}	No*30	Yes*60	6.960667	3.596140	0.063454	-0.41800	14.33934
{1}-{7}	No*30	Yes*120	8.604667	3.596140	0.023944	1.22600	15.98334
{1}-{8}	No*30	Yes*180	8.996667	3.596140	0.018719	1.61800	16.37534
{2}-{3}	No*60	No*120	1.833333	1.892516	0.341279	-2.04979	5.71646
{2}-{4}	No*60	No*180	4.196667	1.892516	0.035194	0.31354	8.07979
{2}-{5}	No*60	Yes*30	5.003333	3.596140	0.175491	-2.37534	12.38200
{2}-{6}	No*60	Yes*60	4.647333	3.596140	0.207201	-2.73134	12.02600
{2}-{7}	No*60	Yes*120	6.291333	3.596140	0.091570	-1.08734	13.67000
{2}-{8}	No*60	Yes*180	6.683333	3.596140	0.074036	-0.69534	14.06200
{3}-{4}	No*120	No*180	2.363333	1.892516	0.222466	-1.51979	6.24646
{3}-{5}	No*120	Yes*30	3.170000	3.596140	0.385827	-4.20867	10.54867
{3}-{6}	No*120	Yes*60	2.814000	3.596140	0.440727	-4.56467	10.19267



{3}-{7}	No*120	Yes*120	4.458000	3.596140	0.225767	-2.92067	11.83667
{3}-{8}	No*120	Yes*180	4.850000	3.596140	0.188648	-2.52867	12.22867
{4}-{5}	No*180	Yes*30	0.806667	3.596140	0.824201	-6.57200	8.18534
{4}-{6}	No*180	Yes*60	0.450667	3.596140	0.901199	-6.92800	7.82934
{4}-{7}	No*180	Yes*120	2.094667	3.596140	0.565079	-5.28400	9.47334
{4}-{8}	No*180	Yes*180	2.486667	3.596140	0.495166	-4.89200	9.86534
{5}-{6}	Yes*30	Yes*60	-0.356000	2.073148	0.864939	-4.60975	3.89775
{5}-{7}	Yes*30	Yes*120	1.288000	2.073148	0.539627	-2.96575	5.54175
{5}-{8}	Yes*30	Yes*180	1.680000	2.073148	0.424817	-2.57375	5.93375
{6}-{7}	Yes*60	Yes*120	1.644000	2.073148	0.434693	-2.60975	5.89775
{6}-{8}	Yes*60	Yes*180	2.036000	2.073148	0.334779	-2.21775	6.28975
{7}-{8}	Yes*120	Yes*180	0.392000	2.073148	0.851441	-3.86175	4.64575

**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 63.937	{2} - 65.013	{3} - 63.370	{4} - 65.643	{5} - 69.852	{6} - 70.724	{7} - 72.160	{8} - 71.764
1	No	30		0.567188	0.762783	0.366606	0.198349	0.141877	0.077820	0.092371
2	No	60	0.567188		0.384396	0.737253	0.290276	0.213847	0.122759	0.143957
3	No	120	0.762783	0.384396		0.231834	0.159960	0.112729	0.060449	0.072183
4	No	180	0.366606	0.737253	0.231834		0.356445	0.267332	0.157818	0.183686
5	Yes	30	0.198349	0.290276	0.159960	0.356445		0.671829	0.266918	0.355995
6	Yes	60	0.141877	0.213847	0.112729	0.267332	0.671829		0.486651	0.613630
7	Yes	120	0.077820	0.122759	0.060449	0.157818	0.266918	0.486651		0.847237

8	Yes	180	0.092371	0.143957	0.072183	0.183686	0.355995	0.613630	0.847237	
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**LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-1.07667	1.858558	0.567188	-4.8901	2.736780
{1}-{3}	No*30	No*120	0.56667	1.858558	0.762783	-3.2468	4.380113
{1}-{4}	No*30	No*180	-1.70667	1.858558	0.366606	-5.5201	2.106780
{1}-{5}	No*30	Yes*30	-5.91533	4.485759	0.198349	-15.1194	3.288684
{1}-{6}	No*30	Yes*60	-6.78733	4.485759	0.141877	-15.9914	2.416684
{1}-{7}	No*30	Yes*120	-8.22333	4.485759	0.077820	-17.4274	0.980684
{1}-{8}	No*30	Yes*180	-7.82733	4.485759	0.092371	-17.0314	1.376684
{2}-{3}	No*60	No*120	1.64333	1.858558	0.384396	-2.1701	5.456780
{2}-{4}	No*60	No*180	-0.63000	1.858558	0.737253	-4.4434	3.183447
{2}-{5}	No*60	Yes*30	-4.83867	4.485759	0.290276	-14.0427	4.365351
{2}-{6}	No*60	Yes*60	-5.71067	4.485759	0.213847	-14.9147	3.493351
{2}-{7}	No*60	Yes*120	-7.14667	4.485759	0.122759	-16.3507	2.057351
{2}-{8}	No*60	Yes*180	-6.75067	4.485759	0.143957	-15.9547	2.453351
{3}-{4}	No*120	No*180	-2.27333	1.858558	0.231834	-6.0868	1.540113
{3}-{5}	No*120	Yes*30	-6.48200	4.485759	0.159960	-15.6860	2.722017
{3}-{6}	No*120	Yes*60	-7.35400	4.485759	0.112729	-16.5580	1.850017
{3}-{7}	No*120	Yes*120	-8.79000	4.485759	0.060449	-17.9940	0.414017

{3}-{8}	No*120	Yes*180	-8.39400	4.485759	0.072183	-17.5980	0.810017
{4}-{5}	No*180	Yes*30	-4.20867	4.485759	0.356445	-13.4127	4.995351
{4}-{6}	No*180	Yes*60	-5.08067	4.485759	0.267332	-14.2847	4.123351
{4}-{7}	No*180	Yes*120	-6.51667	4.485759	0.157818	-15.7207	2.687351
{4}-{8}	No*180	Yes*180	-6.12067	4.485759	0.183686	-15.3247	3.083351
{5}-{6}	Yes*30	Yes*60	-0.87200	2.035949	0.671829	-5.0494	3.305422
{5}-{7}	Yes*30	Yes*120	-2.30800	2.035949	0.266918	-6.4854	1.869422
{5}-{8}	Yes*30	Yes*180	-1.91200	2.035949	0.355995	-6.0894	2.265422
{6}-{7}	Yes*60	Yes*120	-1.43600	2.035949	0.486651	-5.6134	2.741422
{6}-{8}	Yes*60	Yes*180	-1.04000	2.035949	0.613630	-5.2174	3.137422
{7}-{8}	Yes*120	Yes*180	0.39600	2.035949	0.847237	-3.7814	4.573422

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 18.647	{2} - 20.860	{3} - 24.400	{4} - 25.283	{5} - 22.888	{6} - 20.940	{7} - 22.048	{8} - 22.356
1	No	30		0.345973	0.019082	0.007767	0.490173	0.708188	0.579406	0.545768
2	No	60	0.345973		0.136634	0.065885	0.740583	0.989569	0.846114	0.806964
3	No	120	0.019082	0.136634		0.704858	0.804943	0.572920	0.701097	0.738615
4	No	180	0.007767	0.065885	0.704858		0.695877	0.479893	0.597952	0.633098
5	Yes	30	0.490173	0.740583	0.804943	0.695877		0.447606	0.742219	0.834885
6	Yes	60	0.708188	0.989569	0.572920	0.479893	0.447606		0.664629	0.579972
7	Yes	120	0.579406	0.846114	0.701097	0.597952	0.742219	0.664629		0.903922
8	Yes	180	0.545768	0.806964	0.738615	0.633098	0.834885	0.579972	0.903922	

**LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Immotile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.307498	0.345973	-6.9479	2.52126
{1}-{3}	No*30	No*120	-5.75333	2.307498	0.019082	-10.4879	-1.01874
{1}-{4}	No*30	No*180	-6.63667	2.307498	0.007767	-11.3713	-1.90207
{1}-{5}	No*30	Yes*30	-4.24133	6.062685	0.490173	-16.6809	8.19827
{1}-{6}	No*30	Yes*60	-2.29333	6.062685	0.708188	-14.7329	10.14627
{1}-{7}	No*30	Yes*120	-3.40133	6.062685	0.579406	-15.8409	9.03827
{1}-{8}	No*30	Yes*180	-3.70933	6.062685	0.545768	-16.1489	8.73027
{2}-{3}	No*60	No*120	-3.54000	2.307498	0.136634	-8.2746	1.19459
{2}-{4}	No*60	No*180	-4.42333	2.307498	0.065885	-9.1579	0.31126
{2}-{5}	No*60	Yes*30	-2.02800	6.062685	0.740583	-14.4676	10.41160
{2}-{6}	No*60	Yes*60	-0.08000	6.062685	0.989569	-12.5196	12.35960
{2}-{7}	No*60	Yes*120	-1.18800	6.062685	0.846114	-13.6276	11.25160
{2}-{8}	No*60	Yes*180	-1.49600	6.062685	0.806964	-13.9356	10.94360
{3}-{4}	No*120	No*180	-0.88333	2.307498	0.704858	-5.6179	3.85126
{3}-{5}	No*120	Yes*30	1.51200	6.062685	0.804943	-10.9276	13.95160
{3}-{6}	No*120	Yes*60	3.46000	6.062685	0.572920	-8.9796	15.89960
{3}-{7}	No*120	Yes*120	2.35200	6.062685	0.701097	-10.0876	14.79160
{3}-{8}	No*120	Yes*180	2.04400	6.062685	0.738615	-10.3956	14.48360
{4}-{5}	No*180	Yes*30	2.39533	6.062685	0.695877	-10.0443	14.83494

{4}-{6}	No*180	Yes*60	4.34333	6.062685	0.479893	-8.0963	16.78294
{4}-{7}	No*180	Yes*120	3.23533	6.062685	0.597952	-9.2043	15.67494
{4}-{8}	No*180	Yes*180	2.92733	6.062685	0.633098	-9.5123	15.36694
{5}-{6}	Yes*30	Yes*60	1.94800	2.527737	0.447606	-3.2385	7.13449
{5}-{7}	Yes*30	Yes*120	0.84000	2.527737	0.742219	-4.3465	6.02649
{5}-{8}	Yes*30	Yes*180	0.53200	2.527737	0.834885	-4.6545	5.71849
{6}-{7}	Yes*60	Yes*120	-1.10800	2.527737	0.664629	-6.2945	4.07849
{6}-{8}	Yes*60	Yes*180	-1.41600	2.527737	0.579972	-6.6025	3.77049
{7}-{8}	Yes*120	Yes*180	-0.30800	2.527737	0.903922	-5.4945	4.87849

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)  
 Probabilities for Post Hoc Tests  
 Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 402.41	{2} - 403.58	{3} - 407.37	{4} - 408.36	{5} - 498.36	{6} - 464.64	{7} - 465.40	{8} - 488.38
1	No	30		0.954364	0.808284	0.771325	0.018897	0.116846	0.112686	0.033681
2	No	60	0.954364		0.852848	0.815354	0.020251	0.123571	0.119213	0.035972
3	No	120	0.808284	0.852848		0.961639	0.025280	0.147595	0.142553	0.044396
4	No	180	0.771325	0.815354	0.961639		0.026758	0.154404	0.149175	0.046849
5	Yes	30	0.018897	0.020251	0.025280	0.026758		0.140311	0.149019	0.656467
6	Yes	60	0.116846	0.123571	0.147595	0.154404	0.140311		0.973214	0.294299
7	Yes	120	0.112686	0.119213	0.142553	0.149175	0.149019	0.973214		0.309557
8	Yes	180	0.033681	0.035972	0.044396	0.046849	0.656467	0.294299	0.309557	

**LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-1.1700	20.25584	0.954364	-42.732	40.3916
{1}-{3}	No*30	No*120	-4.9633	20.25584	0.808284	-46.525	36.5982
{1}-{4}	No*30	No*180	-5.9467	20.25584	0.771325	-47.508	35.6149
{1}-{5}	No*30	Yes*30	-95.9460	38.41506	0.018897	-174.767	-17.1248
{1}-{6}	No*30	Yes*60	-62.2340	38.41506	0.116846	-141.055	16.5872
{1}-{7}	No*30	Yes*120	-62.9860	38.41506	0.112686	-141.807	15.8352
{1}-{8}	No*30	Yes*180	-85.9660	38.41506	0.033681	-164.787	-7.1448
{2}-{3}	No*60	No*120	-3.7933	20.25584	0.852848	-45.355	37.7682
{2}-{4}	No*60	No*180	-4.7767	20.25584	0.815354	-46.338	36.7849
{2}-{5}	No*60	Yes*30	-94.7760	38.41506	0.020251	-173.597	-15.9548
{2}-{6}	No*60	Yes*60	-61.0640	38.41506	0.123571	-139.885	17.7572
{2}-{7}	No*60	Yes*120	-61.8160	38.41506	0.119213	-140.637	17.0052
{2}-{8}	No*60	Yes*180	-84.7960	38.41506	0.035972	-163.617	-5.9748
{3}-{4}	No*120	No*180	-0.9833	20.25584	0.961639	-42.545	40.5782
{3}-{5}	No*120	Yes*30	-90.9827	38.41506	0.025280	-169.804	-12.1615
{3}-{6}	No*120	Yes*60	-57.2707	38.41506	0.147595	-136.092	21.5505
{3}-{7}	No*120	Yes*120	-58.0227	38.41506	0.142553	-136.844	20.7985
{3}-{8}	No*120	Yes*180	-81.0027	38.41506	0.044396	-159.824	-2.1815
{4}-{5}	No*180	Yes*30	-89.9993	38.41506	0.026758	-168.821	-11.1781
{4}-{6}	No*180	Yes*60	-56.2873	38.41506	0.154404	-135.109	22.5339
{4}-{7}	No*180	Yes*120	-57.0393	38.41506	0.149175	-135.861	21.7819

{4}-{8}	No*180	Yes*180	-80.0193	38.41506	0.046849	-158.841	-1.1981
{5}-{6}	Yes*30	Yes*60	33.7120	22.18916	0.140311	-11.816	79.2404
{5}-{7}	Yes*30	Yes*120	32.9600	22.18916	0.149019	-12.568	78.4884
{5}-{8}	Yes*30	Yes*180	9.9800	22.18916	0.656467	-35.548	55.5084
{6}-{7}	Yes*60	Yes*120	-0.7520	22.18916	0.973214	-46.280	44.7764
{6}-{8}	Yes*60	Yes*180	-23.7320	22.18916	0.294299	-69.260	21.7964
{7}-{8}	Yes*120	Yes*180	-22.9800	22.18916	0.309557	-68.508	22.5484

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 448.36	{2} - 461.28	{3} - 462.19	{4} - 440.18	{5} - 513.88	{6} - 471.97	{7} - 469.68	{8} - 485.01
1	No	30		0.392190	0.360195	0.586407	0.122449	0.570375	0.608035	0.380351
2	No	60	0.392190		0.951625	0.166986	0.211409	0.796822	0.839546	0.568483
3	No	120	0.360195	0.951625		0.150060	0.219189	0.813776	0.856717	0.583322
4	No	180	0.586407	0.166986	0.150060		0.084067	0.445852	0.478876	0.284914
5	Yes	30	0.122449	0.211409	0.219189	0.084067		0.015833	0.011411	0.087390
6	Yes	60	0.570375	0.796822	0.813776	0.445852	0.015833		0.889468	0.430131
7	Yes	120	0.608035	0.839546	0.856717	0.478876	0.011411	0.889468		0.354905
8	Yes	180	0.380351	0.568483	0.583322	0.284914	0.087390	0.430131	0.354905	

**LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)										
Simultaneous confidence intervals										
Effect: Obese (Y/N)*Time Point										

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-12.9233	14.86143	0.392190	-43.416	17.56981
{1}-{3}	No*30	No*120	-13.8333	14.86143	0.360195	-44.326	16.65981
{1}-{4}	No*30	No*180	8.1833	14.86143	0.586407	-22.310	38.67648
{1}-{5}	No*30	Yes*30	-65.5240	41.09197	0.122449	-149.838	18.78976
{1}-{6}	No*30	Yes*60	-23.6080	41.09197	0.570375	-107.922	60.70576
{1}-{7}	No*30	Yes*120	-21.3240	41.09197	0.608035	-105.638	62.98976
{1}-{8}	No*30	Yes*180	-36.6480	41.09197	0.380351	-120.962	47.66576
{2}-{3}	No*60	No*120	-0.9100	14.86143	0.951625	-31.403	29.58314
{2}-{4}	No*60	No*180	21.1067	14.86143	0.166986	-9.386	51.59981
{2}-{5}	No*60	Yes*30	-52.6007	41.09197	0.211409	-136.914	31.71309
{2}-{6}	No*60	Yes*60	-10.6847	41.09197	0.796822	-94.998	73.62909
{2}-{7}	No*60	Yes*120	-8.4007	41.09197	0.839546	-92.714	75.91309
{2}-{8}	No*60	Yes*180	-23.7247	41.09197	0.568483	-108.038	60.58909
{3}-{4}	No*120	No*180	22.0167	14.86143	0.150060	-8.476	52.50981
{3}-{5}	No*120	Yes*30	-51.6907	41.09197	0.219189	-136.004	32.62309
{3}-{6}	No*120	Yes*60	-9.7747	41.09197	0.813776	-94.088	74.53909
{3}-{7}	No*120	Yes*120	-7.4907	41.09197	0.856717	-91.804	76.82309
{3}-{8}	No*120	Yes*180	-22.8147	41.09197	0.583322	-107.128	61.49909
{4}-{5}	No*180	Yes*30	-73.7073	41.09197	0.084067	-158.021	10.60643
{4}-{6}	No*180	Yes*60	-31.7913	41.09197	0.445852	-116.105	52.52243
{4}-{7}	No*180	Yes*120	-29.5073	41.09197	0.478876	-113.821	54.80643
{4}-{8}	No*180	Yes*180	-44.8313	41.09197	0.284914	-129.145	39.48243
{5}-{6}	Yes*30	Yes*60	41.9160	16.27989	0.015833	8.512	75.31957





Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	-19.4033	43.08358	0.656043	-107.804	68.9969
{1}-{3}	No*30	No*120	-3.5233	43.08358	0.935426	-91.924	84.8769
{1}-{4}	No*30	No*180	19.9500	43.08358	0.647037	-68.450	108.3502
{1}-{5}	No*30	Yes*30	-53.2980	67.81530	0.438752	-192.443	85.8475
{1}-{6}	No*30	Yes*60	44.9180	67.81530	0.513356	-94.227	184.0635
{1}-{7}	No*30	Yes*120	44.0980	67.81530	0.521015	-95.047	183.2435
{1}-{8}	No*30	Yes*180	95.3500	67.81530	0.171121	-43.795	234.4955
{2}-{3}	No*60	No*120	15.8800	43.08358	0.715311	-72.520	104.2802
{2}-{4}	No*60	No*180	39.3533	43.08358	0.369108	-49.047	127.7535
{2}-{5}	No*60	Yes*30	-33.8947	67.81530	0.621259	-173.040	105.2508
{2}-{6}	No*60	Yes*60	64.3213	67.81530	0.351299	-74.824	203.4668
{2}-{7}	No*60	Yes*120	63.5013	67.81530	0.357375	-75.644	202.6468
{2}-{8}	No*60	Yes*180	114.7533	67.81530	0.102129	-24.392	253.8988
{3}-{4}	No*120	No*180	23.4733	43.08358	0.590341	-64.927	111.8735
{3}-{5}	No*120	Yes*30	-49.7747	67.81530	0.469291	-188.920	89.3708
{3}-{6}	No*120	Yes*60	48.4413	67.81530	0.481164	-90.704	187.5868
{3}-{7}	No*120	Yes*120	47.6213	67.81530	0.488551	-91.524	186.7668
{3}-{8}	No*120	Yes*180	98.8733	67.81530	0.156381	-40.272	238.0188
{4}-{5}	No*180	Yes*30	-73.2480	67.81530	0.289647	-212.393	65.8975
{4}-{6}	No*180	Yes*60	24.9680	67.81530	0.715612	-114.177	164.1135
{4}-{7}	No*180	Yes*120	24.1480	67.81530	0.724544	-114.997	163.2935
{4}-{8}	No*180	Yes*180	75.4000	67.81530	0.276008	-63.745	214.5455
{5}-{6}	Yes*30	Yes*60	98.2160	47.19570	0.047044	1.378	195.0536
{5}-{7}	Yes*30	Yes*120	97.3960	47.19570	0.048783	0.558	194.2336
{5}-{8}	Yes*30	Yes*180	148.6480	47.19570	0.003969	51.810	245.4856

{6}-{7}	Yes*60	Yes*120	-0.8200	47.19570	0.986266	-97.658	96.0176
{6}-{8}	Yes*60	Yes*180	50.4320	47.19570	0.294724	-46.406	147.2696
{7}-{8}	Yes*120	Yes*180	51.2520	47.19570	0.287103	-45.586	148.0896

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 609.86	{2} - 631.33	{3} - 536.59	{4} - 432.85	{5} - 585.81	{6} - 567.34	{7} - 483.00	{8} - 418.45
1	No	30		0.725229	0.235975	0.006847	0.747843	0.570624	0.098206	0.015483
2	No	60	0.725229		0.128700	0.002838	0.543915	0.395184	0.055343	0.007801
3	No	120	0.235975	0.128700		0.097611	0.511985	0.681290	0.475589	0.122335
4	No	180	0.006847	0.002838	0.097611		0.048630	0.080520	0.504087	0.847284
5	Yes	30	0.747843	0.543915	0.511985	0.048630		0.782460	0.132204	0.017661
6	Yes	60	0.570624	0.395184	0.681290	0.080520	0.782460		0.213679	0.032921
7	Yes	120	0.098206	0.055343	0.475589	0.504087	0.132204	0.213679		0.338317
8	Yes	180	0.015483	0.007801	0.122335	0.847284	0.017661	0.032921	0.338317	

**LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	-21.470	60.45154	0.725229	-145.506	102.5663

{1}-{3}	No*30	No*120	73.273	60.45154	0.235975	-50.763	197.3097
{1}-{4}	No*30	No*180	177.010	60.45154	0.006847	52.974	301.0463
{1}-{5}	No*30	Yes*30	24.055	74.06407	0.747843	-127.912	176.0222
{1}-{6}	No*30	Yes*60	42.523	74.06407	0.570624	-109.444	194.4902
{1}-{7}	No*30	Yes*120	126.859	74.06407	0.098206	-25.108	278.8262
{1}-{8}	No*30	Yes*180	191.411	74.06407	0.015483	39.444	343.3782
{2}-{3}	No*60	No*120	94.743	60.45154	0.128700	-29.293	218.7797
{2}-{4}	No*60	No*180	198.480	60.45154	0.002838	74.444	322.5163
{2}-{5}	No*60	Yes*30	45.525	74.06407	0.543915	-106.442	197.4922
{2}-{6}	No*60	Yes*60	63.993	74.06407	0.395184	-87.974	215.9602
{2}-{7}	No*60	Yes*120	148.329	74.06407	0.055343	-3.638	300.2962
{2}-{8}	No*60	Yes*180	212.881	74.06407	0.007801	60.914	364.8482
{3}-{4}	No*120	No*180	103.737	60.45154	0.097611	-20.300	227.7730
{3}-{5}	No*120	Yes*30	-49.218	74.06407	0.511985	-201.185	102.7489
{3}-{6}	No*120	Yes*60	-30.750	74.06407	0.681290	-182.717	121.2169
{3}-{7}	No*120	Yes*120	53.586	74.06407	0.475589	-98.381	205.5529
{3}-{8}	No*120	Yes*180	118.138	74.06407	0.122335	-33.829	270.1049
{4}-{5}	No*180	Yes*30	-152.955	74.06407	0.048630	-304.922	-0.9878
{4}-{6}	No*180	Yes*60	-134.487	74.06407	0.080520	-286.454	17.4802
{4}-{7}	No*180	Yes*120	-50.151	74.06407	0.504087	-202.118	101.8162
{4}-{8}	No*180	Yes*180	14.401	74.06407	0.847284	-137.566	166.3682
{5}-{6}	Yes*30	Yes*60	18.468	66.22135	0.782460	-117.407	154.3430
{5}-{7}	Yes*30	Yes*120	102.804	66.22135	0.132204	-33.071	238.6790
{5}-{8}	Yes*30	Yes*180	167.356	66.22135	0.017661	31.481	303.2310
{6}-{7}	Yes*60	Yes*120	84.336	66.22135	0.213679	-51.539	220.2110
{6}-{8}	Yes*60	Yes*180	148.888	66.22135	0.032921	13.013	284.7630

{7}-{8}	Yes*120	Yes*180	64.552	66.22135	0.338317	-71.323	200.4270
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**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 97.603	{2} - 88.180	{3} - 84.347	{4} - 72.547	{5} - 70.436	{6} - 73.852	{7} - 66.112	{8} - 61.784
1	No	30		0.200348	0.075789	0.001675	0.088990	0.134598	0.050700	0.027759
2	No	60	0.200348		0.597727	0.038338	0.259280	0.360357	0.163291	0.097945
3	No	120	0.075789	0.597727		0.111830	0.374304	0.501326	0.246650	0.154393
4	No	180	0.001675	0.038338	0.111830		0.891990	0.933068	0.679336	0.490556
5	Yes	30	0.088990	0.259280	0.374304	0.891990		0.667462	0.586945	0.280958
6	Yes	60	0.134598	0.360357	0.501326	0.933068	0.667462		0.333741	0.136522
7	Yes	120	0.050700	0.163291	0.246650	0.679336	0.586945	0.333741		0.586601
8	Yes	180	0.027759	0.097945	0.154393	0.490556	0.280958	0.136522	0.586601	

**LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	9.42333	7.17884	0.200348	-5.3064	24.15309
{1}-{3}	No*30	No*120	13.25667	7.17884	0.075789	-1.4731	27.98643
{1}-{4}	No*30	No*180	25.05667	7.17884	0.001675	10.3269	39.78643

{1}-{5}	No*30	Yes*30	27.16733	15.39816	0.088990	-4.4271	58.76174
{1}-{6}	No*30	Yes*60	23.75133	15.39816	0.134598	-7.8431	55.34574
{1}-{7}	No*30	Yes*120	31.49133	15.39816	0.050700	-0.1031	63.08574
{1}-{8}	No*30	Yes*180	35.81933	15.39816	0.027759	4.2249	67.41374
{2}-{3}	No*60	No*120	3.83333	7.17884	0.597727	-10.8964	18.56309
{2}-{4}	No*60	No*180	15.63333	7.17884	0.038338	0.9036	30.36309
{2}-{5}	No*60	Yes*30	17.74400	15.39816	0.259280	-13.8504	49.33841
{2}-{6}	No*60	Yes*60	14.32800	15.39816	0.360357	-17.2664	45.92241
{2}-{7}	No*60	Yes*120	22.06800	15.39816	0.163291	-9.5264	53.66241
{2}-{8}	No*60	Yes*180	26.39600	15.39816	0.097945	-5.1984	57.99041
{3}-{4}	No*120	No*180	11.80000	7.17884	0.111830	-2.9298	26.52976
{3}-{5}	No*120	Yes*30	13.91067	15.39816	0.374304	-17.6837	45.50508
{3}-{6}	No*120	Yes*60	10.49467	15.39816	0.501326	-21.0997	42.08908
{3}-{7}	No*120	Yes*120	18.23467	15.39816	0.246650	-13.3597	49.82908
{3}-{8}	No*120	Yes*180	22.56267	15.39816	0.154393	-9.0317	54.15708
{4}-{5}	No*180	Yes*30	2.11067	15.39816	0.891990	-29.4837	33.70508
{4}-{6}	No*180	Yes*60	-1.30533	15.39816	0.933068	-32.8997	30.28908
{4}-{7}	No*180	Yes*120	6.43467	15.39816	0.679336	-25.1597	38.02908
{4}-{8}	No*180	Yes*180	10.76267	15.39816	0.490556	-20.8317	42.35708
{5}-{6}	Yes*30	Yes*60	-3.41600	7.86402	0.667462	-19.5516	12.71964
{5}-{7}	Yes*30	Yes*120	4.32400	7.86402	0.586945	-11.8116	20.45964
{5}-{8}	Yes*30	Yes*180	8.65200	7.86402	0.280958	-7.4836	24.78764
{6}-{7}	Yes*60	Yes*120	7.74000	7.86402	0.333741	-8.3956	23.87564
{6}-{8}	Yes*60	Yes*180	12.06800	7.86402	0.136522	-4.0676	28.20364
{7}-{8}	Yes*120	Yes*180	4.32800	7.86402	0.586601	-11.8076	20.46364

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 36.473	{2} - 19.340	{3} - 15.743	{4} - 11.890	{5} - 10.360	{6} - 9.8000	{7} - 8.2240	{8} - 7.5080
1	No	30		0.048090	0.018574	0.006171	0.006252	0.005349	0.003429	0.002795
2	No	60	0.048090		0.667272	0.375914	0.316878	0.288216	0.217613	0.190238
3	No	120	0.018574	0.667272		0.645189	0.546084	0.505452	0.400664	0.357961
4	No	180	0.006171	0.375914	0.645189		0.863357	0.814180	0.680466	0.622772
5	Yes	30	0.006252	0.316878	0.546084	0.863357		0.951195	0.815491	0.755463
6	Yes	60	0.005349	0.288216	0.505452	0.814180	0.951195		0.863271	0.802300
7	Yes	120	0.003429	0.217613	0.400664	0.680466	0.815491	0.863271		0.937625
8	Yes	180	0.002795	0.190238	0.357961	0.622772	0.755463	0.802300	0.937625	

**LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	17.13333	8.274893	0.048090	0.1547	34.11201
{1}-{3}	No*30	No*120	20.73000	8.274893	0.018574	3.7513	37.70868
{1}-{4}	No*30	No*180	24.58333	8.274893	0.006171	7.6047	41.56201
{1}-{5}	No*30	Yes*30	26.11333	8.805701	0.006252	8.0455	44.18114
{1}-{6}	No*30	Yes*60	26.67333	8.805701	0.005349	8.6055	44.74114

{1}-{7}	No*30	Yes*120	28.24933	8.805701	0.003429	10.1815	46.31714
{1}-{8}	No*30	Yes*180	28.96533	8.805701	0.002795	10.8975	47.03314
{2}-{3}	No*60	No*120	3.59667	8.274893	0.667272	-13.3820	20.57534
{2}-{4}	No*60	No*180	7.45000	8.274893	0.375914	-9.5287	24.42868
{2}-{5}	No*60	Yes*30	8.98000	8.805701	0.316878	-9.0878	27.04781
{2}-{6}	No*60	Yes*60	9.54000	8.805701	0.288216	-8.5278	27.60781
{2}-{7}	No*60	Yes*120	11.11600	8.805701	0.217613	-6.9518	29.18381
{2}-{8}	No*60	Yes*180	11.83200	8.805701	0.190238	-6.2358	29.89981
{3}-{4}	No*120	No*180	3.85333	8.274893	0.645189	-13.1253	20.83201
{3}-{5}	No*120	Yes*30	5.38333	8.805701	0.546084	-12.6845	23.45114
{3}-{6}	No*120	Yes*60	5.94333	8.805701	0.505452	-12.1245	24.01114
{3}-{7}	No*120	Yes*120	7.51933	8.805701	0.400664	-10.5485	25.58714
{3}-{8}	No*120	Yes*180	8.23533	8.805701	0.357961	-9.8325	26.30314
{4}-{5}	No*180	Yes*30	1.53000	8.805701	0.863357	-16.5378	19.59781
{4}-{6}	No*180	Yes*60	2.09000	8.805701	0.814180	-15.9778	20.15781
{4}-{7}	No*180	Yes*120	3.66600	8.805701	0.680466	-14.4018	21.73381
{4}-{8}	No*180	Yes*180	4.38200	8.805701	0.622772	-13.6858	22.44981
{5}-{6}	Yes*30	Yes*60	0.56000	9.064691	0.951195	-18.0392	19.15921
{5}-{7}	Yes*30	Yes*120	2.13600	9.064691	0.815491	-16.4632	20.73521
{5}-{8}	Yes*30	Yes*180	2.85200	9.064691	0.755463	-15.7472	21.45121
{6}-{7}	Yes*60	Yes*120	1.57600	9.064691	0.863271	-17.0232	20.17521
{6}-{8}	Yes*60	Yes*180	2.29200	9.064691	0.802300	-16.3072	20.89121
{7}-{8}	Yes*120	Yes*180	0.71600	9.064691	0.937625	-17.8832	19.31521

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests



Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 41.777	{2} - 37.750	{3} - 32.223	{4} - 25.317	{5} - 23.344	{6} - 23.848	{7} - 20.140	{8} - 18.412
1	No	30		0.296950	0.017820	0.000176	0.019582	0.022826	0.007097	0.004004
2	No	60	0.296950		0.155897	0.002833	0.062920	0.072089	0.025124	0.014800
3	No	120	0.017820	0.155897		0.079201	0.242245	0.269350	0.115347	0.073856
4	No	180	0.000176	0.002833	0.079201		0.792549	0.844717	0.491736	0.360756
5	Yes	30	0.019582	0.062920	0.242245	0.792549		0.904178	0.446509	0.244722
6	Yes	60	0.022826	0.072089	0.269350	0.844717	0.904178		0.379193	0.200999
7	Yes	120	0.007097	0.025124	0.115347	0.491736	0.446509	0.379193		0.680231
8	Yes	180	0.004004	0.014800	0.073856	0.360756	0.244722	0.200999	0.680231	

**LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	4.02667	3.786038	0.296950	-3.7416	11.79498
{1}-{3}	No*30	No*120	9.55333	3.786038	0.017820	1.7850	17.32164
{1}-{4}	No*30	No*180	16.46000	3.786038	0.000176	8.6917	24.22831
{1}-{5}	No*30	Yes*30	18.43267	7.426629	0.019582	3.1945	33.67085
{1}-{6}	No*30	Yes*60	17.92867	7.426629	0.022826	2.6905	33.16685
{1}-{7}	No*30	Yes*120	21.63667	7.426629	0.007097	6.3985	36.87485
{1}-{8}	No*30	Yes*180	23.36467	7.426629	0.004004	8.1265	38.60285

{2}-{3}	No*60	No*120	5.52667	3.786038	0.155897	-2.2416	13.29498
{2}-{4}	No*60	No*180	12.43333	3.786038	0.002833	4.6650	20.20164
{2}-{5}	No*60	Yes*30	14.40600	7.426629	0.062920	-0.8322	29.64418
{2}-{6}	No*60	Yes*60	13.90200	7.426629	0.072089	-1.3362	29.14018
{2}-{7}	No*60	Yes*120	17.61000	7.426629	0.025124	2.3718	32.84818
{2}-{8}	No*60	Yes*180	19.33800	7.426629	0.014800	4.0998	34.57618
{3}-{4}	No*120	No*180	6.90667	3.786038	0.079201	-0.8616	14.67498
{3}-{5}	No*120	Yes*30	8.87933	7.426629	0.242245	-6.3589	24.11752
{3}-{6}	No*120	Yes*60	8.37533	7.426629	0.269350	-6.8629	23.61352
{3}-{7}	No*120	Yes*120	12.08333	7.426629	0.115347	-3.1549	27.32152
{3}-{8}	No*120	Yes*180	13.81133	7.426629	0.073856	-1.4269	29.04952
{4}-{5}	No*180	Yes*30	1.97267	7.426629	0.792549	-13.2655	17.21085
{4}-{6}	No*180	Yes*60	1.46867	7.426629	0.844717	-13.7695	16.70685
{4}-{7}	No*180	Yes*120	5.17667	7.426629	0.491736	-10.0615	20.41485
{4}-{8}	No*180	Yes*180	6.90467	7.426629	0.360756	-8.3335	22.14285
{5}-{6}	Yes*30	Yes*60	-0.50400	4.147397	0.904178	-9.0138	8.00576
{5}-{7}	Yes*30	Yes*120	3.20400	4.147397	0.446509	-5.3058	11.71376
{5}-{8}	Yes*30	Yes*180	4.93200	4.147397	0.244722	-3.5778	13.44176
{6}-{7}	Yes*60	Yes*120	3.70800	4.147397	0.379193	-4.8018	12.21776
{6}-{8}	Yes*60	Yes*180	5.43600	4.147397	0.200999	-3.0738	13.94576
{7}-{8}	Yes*120	Yes*180	1.72800	4.147397	0.680231	-6.7818	10.23776

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
	Obese (Y/N)	Time Point	{1} - 20.323	{2} - 20.867	{3} - 17.087	{4} - 13.663	{5} - 13.924	{6} - 12.640	{7} - 12.056	{8} - 11.764

Cell No.										
1	No	30		0.756569	0.073015	0.000677	0.023907	0.007813	0.004579	0.003488
2	No	60	0.756569		0.038261	0.000296	0.015049	0.004754	0.002753	0.002086
3	No	120	0.073015	0.038261		0.058806	0.247166	0.107855	0.070721	0.056717
4	No	180	0.000677	0.000296	0.058806		0.923055	0.704907	0.552742	0.483560
5	Yes	30	0.023907	0.015049	0.247166	0.923055		0.505062	0.334416	0.265748
6	Yes	60	0.007813	0.004754	0.107855	0.704907	0.505062		0.760998	0.648562
7	Yes	120	0.004579	0.002753	0.070721	0.552742	0.334416	0.760998		0.879041
8	Yes	180	0.003488	0.002086	0.056717	0.483560	0.265748	0.648562	0.879041	

**LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	-0.543333	1.735029	0.756569	-4.10332	3.01665
{1}-{3}	No*30	No*120	3.236667	1.735029	0.073015	-0.32332	6.79665
{1}-{4}	No*30	No*180	6.660000	1.735029	0.000677	3.10001	10.21999
{1}-{5}	No*30	Yes*30	6.399333	2.673685	0.023907	0.91338	11.88528
{1}-{6}	No*30	Yes*60	7.683333	2.673685	0.007813	2.19738	13.16928
{1}-{7}	No*30	Yes*120	8.267333	2.673685	0.004579	2.78138	13.75328
{1}-{8}	No*30	Yes*180	8.559333	2.673685	0.003488	3.07338	14.04528
{2}-{3}	No*60	No*120	3.780000	1.735029	0.038261	0.22001	7.33999
{2}-{4}	No*60	No*180	7.203333	1.735029	0.000296	3.64335	10.76332

{2}-{5}	No*60	Yes*30	6.942667	2.673685	0.015049	1.45672	12.42862
{2}-{6}	No*60	Yes*60	8.226667	2.673685	0.004754	2.74072	13.71262
{2}-{7}	No*60	Yes*120	8.810667	2.673685	0.002753	3.32472	14.29662
{2}-{8}	No*60	Yes*180	9.102667	2.673685	0.002086	3.61672	14.58862
{3}-{4}	No*120	No*180	3.423333	1.735029	0.058806	-0.13665	6.98332
{3}-{5}	No*120	Yes*30	3.162667	2.673685	0.247166	-2.32328	8.64862
{3}-{6}	No*120	Yes*60	4.446667	2.673685	0.107855	-1.03928	9.93262
{3}-{7}	No*120	Yes*120	5.030667	2.673685	0.070721	-0.45528	10.51662
{3}-{8}	No*120	Yes*180	5.322667	2.673685	0.056717	-0.16328	10.80862
{4}-{5}	No*180	Yes*30	-0.260667	2.673685	0.923055	-5.74662	5.22528
{4}-{6}	No*180	Yes*60	1.023333	2.673685	0.704907	-4.46262	6.50928
{4}-{7}	No*180	Yes*120	1.607333	2.673685	0.552742	-3.87862	7.09328
{4}-{8}	No*180	Yes*180	1.899333	2.673685	0.483560	-3.58662	7.38528
{5}-{6}	Yes*30	Yes*60	1.284000	1.900629	0.505062	-2.61577	5.18377
{5}-{7}	Yes*30	Yes*120	1.868000	1.900629	0.334416	-2.03177	5.76777
{5}-{8}	Yes*30	Yes*180	2.160000	1.900629	0.265748	-1.73977	6.05977
{6}-{7}	Yes*60	Yes*120	0.584000	1.900629	0.760998	-3.31577	4.48377
{6}-{8}	Yes*60	Yes*180	0.876000	1.900629	0.648562	-3.02377	4.77577
{7}-{8}	Yes*120	Yes*180	0.292000	1.900629	0.879041	-3.60777	4.19177

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 48.407	{2} - 49.493	{3} - 45.433	{4} - 41.520	{5} - 41.976	{6} - 39.044	{7} - 38.212	{8} - 37.936

1	No	30		0.663984	0.239859	0.009696	0.099040	0.019346	0.011592	0.009742
2	No	60	0.663984		0.112379	0.003304	0.055989	0.009875	0.005788	0.004832
3	No	120	0.239859	0.112379		0.125340	0.366501	0.101121	0.065688	0.056602
4	No	180	0.009696	0.003304	0.125340		0.904476	0.516251	0.387260	0.349478
5	Yes	30	0.099040	0.055989	0.366501	0.904476		0.288875	0.176221	0.147627
6	Yes	60	0.019346	0.009875	0.101121	0.516251	0.288875		0.761199	0.685881
7	Yes	120	0.011592	0.005788	0.065688	0.387260	0.176221	0.761199		0.919635
8	Yes	180	0.009742	0.004832	0.056602	0.349478	0.147627	0.685881	0.919635	

**LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	-1.08667	2.473974	0.663984	-6.16284	3.98951
{1}-{3}	No*30	No*120	2.97333	2.473974	0.239859	-2.10284	8.04951
{1}-{4}	No*30	No*180	6.88667	2.473974	0.009696	1.81049	11.96284
{1}-{5}	No*30	Yes*30	6.43067	3.764195	0.099040	-1.29282	14.15416
{1}-{6}	No*30	Yes*60	9.36267	3.764195	0.019346	1.63918	17.08616
{1}-{7}	No*30	Yes*120	10.19467	3.764195	0.011592	2.47118	17.91816
{1}-{8}	No*30	Yes*180	10.47067	3.764195	0.009742	2.74718	18.19416
{2}-{3}	No*60	No*120	4.06000	2.473974	0.112379	-1.01618	9.13618
{2}-{4}	No*60	No*180	7.97333	2.473974	0.003304	2.89716	13.04951
{2}-{5}	No*60	Yes*30	7.51733	3.764195	0.055989	-0.20616	15.24082

{2}-{6}	No*60	Yes*60	10.44933	3.764195	0.009875	2.72584	18.17282
{2}-{7}	No*60	Yes*120	11.28133	3.764195	0.005788	3.55784	19.00482
{2}-{8}	No*60	Yes*180	11.55733	3.764195	0.004832	3.83384	19.28082
{3}-{4}	No*120	No*180	3.91333	2.473974	0.125340	-1.16284	8.98951
{3}-{5}	No*120	Yes*30	3.45733	3.764195	0.366501	-4.26616	11.18082
{3}-{6}	No*120	Yes*60	6.38933	3.764195	0.101121	-1.33416	14.11282
{3}-{7}	No*120	Yes*120	7.22133	3.764195	0.065688	-0.50216	14.94482
{3}-{8}	No*120	Yes*180	7.49733	3.764195	0.056602	-0.22616	15.22082
{4}-{5}	No*180	Yes*30	-0.45600	3.764195	0.904476	-8.17949	7.26749
{4}-{6}	No*180	Yes*60	2.47600	3.764195	0.516251	-5.24749	10.19949
{4}-{7}	No*180	Yes*120	3.30800	3.764195	0.387260	-4.41549	11.03149
{4}-{8}	No*180	Yes*180	3.58400	3.764195	0.349478	-4.13949	11.30749
{5}-{6}	Yes*30	Yes*60	2.93200	2.710103	0.288875	-2.62867	8.49267
{5}-{7}	Yes*30	Yes*120	3.76400	2.710103	0.176221	-1.79667	9.32467
{5}-{8}	Yes*30	Yes*180	4.04000	2.710103	0.147627	-1.52067	9.60067
{6}-{7}	Yes*60	Yes*120	0.83200	2.710103	0.761199	-4.72867	6.39267
{6}-{8}	Yes*60	Yes*180	1.10800	2.710103	0.685881	-4.45267	6.66867
{7}-{8}	Yes*120	Yes*180	0.27600	2.710103	0.919635	-5.28467	5.83667

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 42.143	{2} - 41.330	{3} - 37.190	{4} - 31.290	{5} - 32.232	{6} - 42.948	{7} - 29.888	{8} - 29.356
1	No	30		0.882011	0.369580	0.055721	0.172954	0.910359	0.094890	0.082078

2	No	60	0.882011		0.452272	0.075351	0.209726	0.820967	0.117721	0.102324
3	No	120	0.369580	0.452272		0.286690	0.489769	0.423203	0.311555	0.278303
4	No	180	0.055721	0.075351	0.286690		0.895147	0.111252	0.844521	0.786819
5	Yes	30	0.172954	0.209726	0.489769	0.895147		0.082706	0.696538	0.632531
6	Yes	60	0.910359	0.820967	0.423203	0.111252	0.082706		0.036840	0.030341
7	Yes	120	0.094890	0.117721	0.311555	0.844521	0.696538	0.036840		0.929372
8	Yes	180	0.082078	0.102324	0.278303	0.786819	0.632531	0.030341	0.929372	

**LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	0.8133	5.428293	0.882011	-10.3246	11.95127
{1}-{3}	No*30	No*120	4.9533	5.428293	0.369580	-6.1846	16.09127
{1}-{4}	No*30	No*180	10.8533	5.428293	0.055721	-0.2846	21.99127
{1}-{5}	No*30	Yes*30	9.9113	7.080455	0.172954	-4.6166	24.43923
{1}-{6}	No*30	Yes*60	-0.8047	7.080455	0.910359	-15.3326	13.72323
{1}-{7}	No*30	Yes*120	12.2553	7.080455	0.094890	-2.2726	26.78323
{1}-{8}	No*30	Yes*180	12.7873	7.080455	0.082078	-1.7406	27.31523
{2}-{3}	No*60	No*120	4.1400	5.428293	0.452272	-6.9979	15.27794
{2}-{4}	No*60	No*180	10.0400	5.428293	0.075351	-1.0979	21.17794
{2}-{5}	No*60	Yes*30	9.0980	7.080455	0.209726	-5.4299	23.62589
{2}-{6}	No*60	Yes*60	-1.6180	7.080455	0.820967	-16.1459	12.90989

{2}-{7}	No*60	Yes*120	11.4420	7.080455	0.117721	-3.0859	25.96989
{2}-{8}	No*60	Yes*180	11.9740	7.080455	0.102324	-2.5539	26.50189
{3}-{4}	No*120	No*180	5.9000	5.428293	0.286690	-5.2379	17.03794
{3}-{5}	No*120	Yes*30	4.9580	7.080455	0.489769	-9.5699	19.48589
{3}-{6}	No*120	Yes*60	-5.7580	7.080455	0.423203	-20.2859	8.76989
{3}-{7}	No*120	Yes*120	7.3020	7.080455	0.311555	-7.2259	21.82989
{3}-{8}	No*120	Yes*180	7.8340	7.080455	0.278303	-6.6939	22.36189
{4}-{5}	No*180	Yes*30	-0.9420	7.080455	0.895147	-15.4699	13.58589
{4}-{6}	No*180	Yes*60	-11.6580	7.080455	0.111252	-26.1859	2.86989
{4}-{7}	No*180	Yes*120	1.4020	7.080455	0.844521	-13.1259	15.92989
{4}-{8}	No*180	Yes*180	1.9340	7.080455	0.786819	-12.5939	16.46189
{5}-{6}	Yes*30	Yes*60	-10.7160	5.946398	0.082706	-22.9170	1.48500
{5}-{7}	Yes*30	Yes*120	2.3440	5.946398	0.696538	-9.8570	14.54500
{5}-{8}	Yes*30	Yes*180	2.8760	5.946398	0.632531	-9.3250	15.07700
{6}-{7}	Yes*60	Yes*120	13.0600	5.946398	0.036840	0.8590	25.26100
{6}-{8}	Yes*60	Yes*180	13.5920	5.946398	0.030341	1.3910	25.79300
{7}-{8}	Yes*120	Yes*180	0.5320	5.946398	0.929372	-11.6690	12.73300

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 7.5167	{2} - 7.0867	{3} - 7.1967	{4} - 6.0733	{5} - 6.2720	{6} - 6.6600	{7} - 4.8280	{8} - 5.9240
1	No	30		0.538089	0.646286	0.045845	0.182690	0.354881	0.006423	0.091464
2	No	60	0.538089		0.874432	0.153202	0.378601	0.642951	0.019585	0.212276



3	No	120	0.646286	0.874432		0.114877	0.318623	0.560290	0.014838	0.173361
4	No	180	0.045845	0.153202	0.114877		0.828836	0.524595	0.182463	0.870881
5	Yes	30	0.182690	0.378601	0.318623	0.828836		0.611635	0.066563	0.648669
6	Yes	60	0.354881	0.642951	0.560290	0.524595	0.611635		0.022246	0.338481
7	Yes	120	0.006423	0.019585	0.014838	0.182463	0.066563	0.022246		0.158275
8	Yes	180	0.091464	0.212276	0.173361	0.870881	0.648669	0.338481	0.158275	

**LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	0.43000	0.689485	0.538089	-0.98471	1.844707
{1}-{3}	No*30	No*120	0.32000	0.689485	0.646286	-1.09471	1.734707
{1}-{4}	No*30	No*180	1.44333	0.689485	0.045845	0.02863	2.858041
{1}-{5}	No*30	Yes*30	1.24467	0.910057	0.182690	-0.62262	3.111950
{1}-{6}	No*30	Yes*60	0.85667	0.910057	0.354881	-1.01062	2.723950
{1}-{7}	No*30	Yes*120	2.68867	0.910057	0.006423	0.82138	4.555950
{1}-{8}	No*30	Yes*180	1.59267	0.910057	0.091464	-0.27462	3.459950
{2}-{3}	No*60	No*120	-0.11000	0.689485	0.874432	-1.52471	1.304707
{2}-{4}	No*60	No*180	1.01333	0.689485	0.153202	-0.40137	2.428041
{2}-{5}	No*60	Yes*30	0.81467	0.910057	0.378601	-1.05262	2.681950
{2}-{6}	No*60	Yes*60	0.42667	0.910057	0.642951	-1.44062	2.293950
{2}-{7}	No*60	Yes*120	2.25867	0.910057	0.019585	0.39138	4.125950

{2}-{8}	No*60	Yes*180	1.16267	0.910057	0.212276	-0.70462	3.029950
{3}-{4}	No*120	No*180	1.12333	0.689485	0.114877	-0.29137	2.538041
{3}-{5}	No*120	Yes*30	0.92467	0.910057	0.318623	-0.94262	2.791950
{3}-{6}	No*120	Yes*60	0.53667	0.910057	0.560290	-1.33062	2.403950
{3}-{7}	No*120	Yes*120	2.36867	0.910057	0.014838	0.50138	4.235950
{3}-{8}	No*120	Yes*180	1.27267	0.910057	0.173361	-0.59462	3.139950
{4}-{5}	No*180	Yes*30	-0.19867	0.910057	0.828836	-2.06595	1.668617
{4}-{6}	No*180	Yes*60	-0.58667	0.910057	0.524595	-2.45395	1.280617
{4}-{7}	No*180	Yes*120	1.24533	0.910057	0.182463	-0.62195	3.112617
{4}-{8}	No*180	Yes*180	0.14933	0.910057	0.870881	-1.71795	2.016617
{5}-{6}	Yes*30	Yes*60	-0.38800	0.755293	0.611635	-1.93773	1.161734
{5}-{7}	Yes*30	Yes*120	1.44400	0.755293	0.066563	-0.10573	2.993734
{5}-{8}	Yes*30	Yes*180	0.34800	0.755293	0.648669	-1.20173	1.897734
{6}-{7}	Yes*60	Yes*120	1.83200	0.755293	0.022246	0.28227	3.381734
{6}-{8}	Yes*60	Yes*180	0.73600	0.755293	0.338481	-0.81373	2.285734
{7}-{8}	Yes*120	Yes*180	-1.09600	0.755293	0.158275	-2.64573	0.453734

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 7.1200	{2} - 4.7333	{3} - 4.8667	{4} - 2.9667	{5} - 3.3560	{6} - 3.0640	{7} - 2.8600	{8} - 2.8280
1	No	30		0.098164	0.117427	0.006018	0.015789	0.009880	0.007063	0.006697
2	No	60	0.098164		0.924464	0.215608	0.354249	0.263308	0.210731	0.203265
3	No	120	0.117427	0.924464		0.183910	0.310384	0.227957	0.180963	0.174333

4	No	180	0.006018	0.215608	0.183910		0.791922	0.947382	0.942346	0.925097
5	Yes	30	0.015789	0.354249	0.310384	0.791922		0.849702	0.747693	0.732055
6	Yes	60	0.009880	0.263308	0.227957	0.947382	0.849702		0.894658	0.878261
7	Yes	120	0.007063	0.210731	0.180963	0.942346	0.747693	0.894658		0.983426
8	Yes	180	0.006697	0.203265	0.174333	0.925097	0.732055	0.878261	0.983426	

**LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.386667	1.393220	0.098164	-0.47198	5.245318
{1}-{3}	No*30	No*120	2.253333	1.393220	0.117427	-0.60532	5.111985
{1}-{4}	No*30	No*180	4.153333	1.393220	0.006018	1.29468	7.011985
{1}-{5}	No*30	Yes*30	3.764000	1.461222	0.015789	0.76582	6.762179
{1}-{6}	No*30	Yes*60	4.056000	1.461222	0.009880	1.05782	7.054179
{1}-{7}	No*30	Yes*120	4.260000	1.461222	0.007063	1.26182	7.258179
{1}-{8}	No*30	Yes*180	4.292000	1.461222	0.006697	1.29382	7.290179
{2}-{3}	No*60	No*120	-0.133333	1.393220	0.924464	-2.99198	2.725318
{2}-{4}	No*60	No*180	1.766667	1.393220	0.215608	-1.09198	4.625318
{2}-{5}	No*60	Yes*30	1.377333	1.461222	0.354249	-1.62085	4.375512
{2}-{6}	No*60	Yes*60	1.669333	1.461222	0.263308	-1.32885	4.667512
{2}-{7}	No*60	Yes*120	1.873333	1.461222	0.210731	-1.12485	4.871512
{2}-{8}	No*60	Yes*180	1.905333	1.461222	0.203265	-1.09285	4.903512

{3}-{4}	No*120	No*180	1.900000	1.393220	0.183910	-0.95865	4.758651
{3}-{5}	No*120	Yes*30	1.510667	1.461222	0.310384	-1.48751	4.508846
{3}-{6}	No*120	Yes*60	1.802667	1.461222	0.227957	-1.19551	4.800846
{3}-{7}	No*120	Yes*120	2.006667	1.461222	0.180963	-0.99151	5.004846
{3}-{8}	No*120	Yes*180	2.038667	1.461222	0.174333	-0.95951	5.036846
{4}-{5}	No*180	Yes*30	-0.389333	1.461222	0.791922	-3.38751	2.608846
{4}-{6}	No*180	Yes*60	-0.097333	1.461222	0.947382	-3.09551	2.900846
{4}-{7}	No*180	Yes*120	0.106667	1.461222	0.942346	-2.89151	3.104846
{4}-{8}	No*180	Yes*180	0.138667	1.461222	0.925097	-2.85951	3.136846
{5}-{6}	Yes*30	Yes*60	0.292000	1.526196	0.849702	-2.83950	3.423496
{5}-{7}	Yes*30	Yes*120	0.496000	1.526196	0.747693	-2.63550	3.627496
{5}-{8}	Yes*30	Yes*180	0.528000	1.526196	0.732055	-2.60350	3.659496
{6}-{7}	Yes*60	Yes*120	0.204000	1.526196	0.894658	-2.92750	3.335496
{6}-{8}	Yes*60	Yes*180	0.236000	1.526196	0.878261	-2.89550	3.367496
{7}-{8}	Yes*120	Yes*180	0.032000	1.526196	0.983426	-3.09950	3.163496

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 77.567	{2} - 76.533	{3} - 69.667	{4} - 66.433	{5} - 68.640	{6} - 59.360	{7} - 54.120	{8} - 52.840
1	No	30		0.590981	0.000291	0.000003	0.000123	0.000000	0.000000	0.000000
2	No	60	0.590981		0.001216	0.000013	0.000490	0.000000	0.000000	0.000000
3	No	120	0.000291	0.001216		0.100273	0.610583	0.000019	0.000000	0.000000
4	No	180	0.000003	0.000013	0.100273		0.277883	0.001437	0.000001	0.000000

5	Yes	30	0.000123	0.000490	0.610583	0.277883		0.000130	0.000000	0.000000
6	Yes	60	0.000000	0.000000	0.000019	0.001437	0.000130		0.018048	0.004139
7	Yes	120	0.000000	0.000000	0.000000	0.000001	0.000000	0.018048		0.543690
8	Yes	180	0.000000	0.000000	0.000000	0.000000	0.000000	0.004139	0.543690	

**LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Viability-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	1.03333	1.899896	0.590981	-2.86493	4.93160
{1}-{3}	No*30	No*120	7.90000	1.899896	0.000291	4.00174	11.79826
{1}-{4}	No*30	No*180	11.13333	1.899896	0.000003	7.23507	15.03160
{1}-{5}	No*30	Yes*30	8.92667	1.992628	0.000123	4.83813	13.01520
{1}-{6}	No*30	Yes*60	18.20667	1.992628	0.000000	14.11813	22.29520
{1}-{7}	No*30	Yes*120	23.44667	1.992628	0.000000	19.35813	27.53520
{1}-{8}	No*30	Yes*180	24.72667	1.992628	0.000000	20.63813	28.81520
{2}-{3}	No*60	No*120	6.86667	1.899896	0.001216	2.96840	10.76493
{2}-{4}	No*60	No*180	10.10000	1.899896	0.000013	6.20174	13.99826
{2}-{5}	No*60	Yes*30	7.89333	1.992628	0.000490	3.80480	11.98187
{2}-{6}	No*60	Yes*60	17.17333	1.992628	0.000000	13.08480	21.26187
{2}-{7}	No*60	Yes*120	22.41333	1.992628	0.000000	18.32480	26.50187
{2}-{8}	No*60	Yes*180	23.69333	1.992628	0.000000	19.60480	27.78187
{3}-{4}	No*120	No*180	3.23333	1.899896	0.100273	-0.66493	7.13160

{3}-{5}	No*120	Yes*30	1.02667	1.992628	0.610583	-3.06187	5.11520
{3}-{6}	No*120	Yes*60	10.30667	1.992628	0.000019	6.21813	14.39520
{3}-{7}	No*120	Yes*120	15.54667	1.992628	0.000000	11.45813	19.63520
{3}-{8}	No*120	Yes*180	16.82667	1.992628	0.000000	12.73813	20.91520
{4}-{5}	No*180	Yes*30	-2.20667	1.992628	0.277883	-6.29520	1.88187
{4}-{6}	No*180	Yes*60	7.07333	1.992628	0.001437	2.98480	11.16187
{4}-{7}	No*180	Yes*120	12.31333	1.992628	0.000001	8.22480	16.40187
{4}-{8}	No*180	Yes*180	13.59333	1.992628	0.000000	9.50480	17.68187
{5}-{6}	Yes*30	Yes*60	9.28000	2.081232	0.000130	5.00967	13.55033
{5}-{7}	Yes*30	Yes*120	14.52000	2.081232	0.000000	10.24967	18.79033
{5}-{8}	Yes*30	Yes*180	15.80000	2.081232	0.000000	11.52967	20.07033
{6}-{7}	Yes*60	Yes*120	5.24000	2.081232	0.018048	0.96967	9.51033
{6}-{8}	Yes*60	Yes*180	6.52000	2.081232	0.004139	2.24967	10.79033
{7}-{8}	Yes*120	Yes*180	1.28000	2.081232	0.543690	-2.99033	5.55033

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 22.100	{2} - 23.467	{3} - 30.000	{4} - 33.567	{5} - 31.280	{6} - 41.000	{7} - 45.880	{8} - 47.160
1	No	30		0.470604	0.000240	0.000001	0.000071	0.000000	0.000000	0.000000
2	No	60	0.470604		0.001641	0.000010	0.000456	0.000000	0.000000	0.000000
3	No	120	0.000240	0.001641		0.066839	0.518971	0.000006	0.000000	0.000000
4	No	180	0.000001	0.000010	0.066839		0.253247	0.000759	0.000001	0.000000
5	Yes	30	0.000071	0.000456	0.518971	0.253247		0.000059	0.000000	0.000000

6	Yes	60	0.000000	0.000000	0.000006	0.000759	0.000059		0.024344	0.005593
7	Yes	120	0.000000	0.000000	0.000000	0.000001	0.000000	0.024344		0.536789
8	Yes	180	0.000000	0.000000	0.000000	0.000000	0.000000	0.005593	0.536789	

**LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable Non-Viab (Rat Results- Final in Analysis - 17Jul2012.stw)							
Simultaneous confidence intervals							
Effect: Obese (Y/N)*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No*30	No*60	-1.3667	1.867578	0.470604	-5.1986	2.4653
{1}-{3}	No*30	No*120	-7.9000	1.867578	0.000240	-11.7320	-4.0680
{1}-{4}	No*30	No*180	-11.4667	1.867578	0.000001	-15.2986	-7.6347
{1}-{5}	No*30	Yes*30	-9.1800	1.958732	0.000071	-13.1990	-5.1610
{1}-{6}	No*30	Yes*60	-18.9000	1.958732	0.000000	-22.9190	-14.8810
{1}-{7}	No*30	Yes*120	-23.7800	1.958732	0.000000	-27.7990	-19.7610
{1}-{8}	No*30	Yes*180	-25.0600	1.958732	0.000000	-29.0790	-21.0410
{2}-{3}	No*60	No*120	-6.5333	1.867578	0.001641	-10.3653	-2.7014
{2}-{4}	No*60	No*180	-10.1000	1.867578	0.000010	-13.9320	-6.2680
{2}-{5}	No*60	Yes*30	-7.8133	1.958732	0.000456	-11.8323	-3.7943
{2}-{6}	No*60	Yes*60	-17.5333	1.958732	0.000000	-21.5523	-13.5143
{2}-{7}	No*60	Yes*120	-22.4133	1.958732	0.000000	-26.4323	-18.3943
{2}-{8}	No*60	Yes*180	-23.6933	1.958732	0.000000	-27.7123	-19.6743
{3}-{4}	No*120	No*180	-3.5667	1.867578	0.066839	-7.3986	0.2653
{3}-{5}	No*120	Yes*30	-1.2800	1.958732	0.518971	-5.2990	2.7390

{3}-{6}	No*120	Yes*60	-11.0000	1.958732	0.000006	-15.0190	-6.9810
{3}-{7}	No*120	Yes*120	-15.8800	1.958732	0.000000	-19.8990	-11.8610
{3}-{8}	No*120	Yes*180	-17.1600	1.958732	0.000000	-21.1790	-13.1410
{4}-{5}	No*180	Yes*30	2.2867	1.958732	0.253247	-1.7323	6.3057
{4}-{6}	No*180	Yes*60	-7.4333	1.958732	0.000759	-11.4523	-3.4143
{4}-{7}	No*180	Yes*120	-12.3133	1.958732	0.000001	-16.3323	-8.2943
{4}-{8}	No*180	Yes*180	-13.5933	1.958732	0.000000	-17.6123	-9.5743
{5}-{6}	Yes*30	Yes*60	-9.7200	2.045829	0.000059	-13.9177	-5.5223
{5}-{7}	Yes*30	Yes*120	-14.6000	2.045829	0.000000	-18.7977	-10.4023
{5}-{8}	Yes*30	Yes*180	-15.8800	2.045829	0.000000	-20.0777	-11.6823
{6}-{7}	Yes*60	Yes*120	-4.8800	2.045829	0.024344	-9.0777	-0.6823
{6}-{8}	Yes*60	Yes*180	-6.1600	2.045829	0.005593	-10.3577	-1.9623
{7}-{8}	Yes*120	Yes*180	-1.2800	2.045829	0.536789	-5.4777	2.9177

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 77.567	{2} - 76.533	{3} - 69.667	{4} - 66.433	{5} - 68.640	{6} - 59.360	{7} - 54.120	{8} - 52.840
1	No	30		0.590981	0.000291	0.000003	0.000123	0.000000	0.000000	0.000000
2	No	60	0.590981		0.001216	0.000013	0.000490	0.000000	0.000000	0.000000
3	No	120	0.000291	0.001216		0.100273	0.610583	0.000019	0.000000	0.000000
4	No	180	0.000003	0.000013	0.100273		0.277883	0.001437	0.000001	0.000000
5	Yes	30	0.000123	0.000490	0.610583	0.277883		0.000130	0.000000	0.000000
6	Yes	60	0.000000	0.000000	0.000019	0.001437	0.000130		0.018048	0.004139



7	Yes	120	0.000000	0.000000	0.000000	0.000001	0.000000	0.018048		0.543690
8	Yes	180	0.000000	0.000000	0.000000	0.000000	0.000000	0.004139	0.543690	

**LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)**

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	1.03333	1.899896	0.590981	-2.86493	4.93160
{1}-{3}	No*30	No*120	7.90000	1.899896	0.000291	4.00174	11.79826
{1}-{4}	No*30	No*180	11.13333	1.899896	0.000003	7.23507	15.03160
{1}-{5}	No*30	Yes*30	8.92667	1.992628	0.000123	4.83813	13.01520
{1}-{6}	No*30	Yes*60	18.20667	1.992628	0.000000	14.11813	22.29520
{1}-{7}	No*30	Yes*120	23.44667	1.992628	0.000000	19.35813	27.53520
{1}-{8}	No*30	Yes*180	24.72667	1.992628	0.000000	20.63813	28.81520
{2}-{3}	No*60	No*120	6.86667	1.899896	0.001216	2.96840	10.76493
{2}-{4}	No*60	No*180	10.10000	1.899896	0.000013	6.20174	13.99826
{2}-{5}	No*60	Yes*30	7.89333	1.992628	0.000490	3.80480	11.98187
{2}-{6}	No*60	Yes*60	17.17333	1.992628	0.000000	13.08480	21.26187
{2}-{7}	No*60	Yes*120	22.41333	1.992628	0.000000	18.32480	26.50187
{2}-{8}	No*60	Yes*180	23.69333	1.992628	0.000000	19.60480	27.78187
{3}-{4}	No*120	No*180	3.23333	1.899896	0.100273	-0.66493	7.13160
{3}-{5}	No*120	Yes*30	1.02667	1.992628	0.610583	-3.06187	5.11520
{3}-{6}	No*120	Yes*60	10.30667	1.992628	0.000019	6.21813	14.39520

{3}-{7}	No*120	Yes*120	15.54667	1.992628	0.000000	11.45813	19.63520
{3}-{8}	No*120	Yes*180	16.82667	1.992628	0.000000	12.73813	20.91520
{4}-{5}	No*180	Yes*30	-2.20667	1.992628	0.277883	-6.29520	1.88187
{4}-{6}	No*180	Yes*60	7.07333	1.992628	0.001437	2.98480	11.16187
{4}-{7}	No*180	Yes*120	12.31333	1.992628	0.000001	8.22480	16.40187
{4}-{8}	No*180	Yes*180	13.59333	1.992628	0.000000	9.50480	17.68187
{5}-{6}	Yes*30	Yes*60	9.28000	2.081232	0.000130	5.00967	13.55033
{5}-{7}	Yes*30	Yes*120	14.52000	2.081232	0.000000	10.24967	18.79033
{5}-{8}	Yes*30	Yes*180	15.80000	2.081232	0.000000	11.52967	20.07033
{6}-{7}	Yes*60	Yes*120	5.24000	2.081232	0.018048	0.96967	9.51033
{6}-{8}	Yes*60	Yes*180	6.52000	2.081232	0.004139	2.24967	10.79033
{7}-{8}	Yes*120	Yes*180	1.28000	2.081232	0.543690	-2.99033	5.55033

**Variance Estimation, Precision & Comparison (VEPAC) (Rat Results- Final in Analysis - 13Aug2013.stw)**

**Variance Estimation and Precision Results: Rat Results- Final in Analysis - 13Aug2013.stw**

**Fixed Effect Test for Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

Fixed Effect Test for Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)				
Restricted Maximum Likelihood (REML)				
Type III decomposition				
Effect	Num. DF	Den. DF	F	p
Concentration_New	4	36	1.322553	0.280238
Obese (Y/N)	1	9	0.001871	0.966444
Time Point	3	27	1.687524	0.193207
Concentration_New*Obese (Y/N)	4	36	0.505369	0.732006
Concentration_New*Time Point	12	108	0.687506	0.760286
Obese (Y/N)*Time Point	3	27	1.794922	0.171932
Concentration_New*Obese (Y/N)*Time Point	12	108	1.287370	0.236396

**Descriptive Statistics (Rat Results- Final in Analysis - 13Aug2013.stw)**

Descriptive Statistics (Rat Results- Final in Analysis - 13Aug2013.stw)									
Effect	Level of - Factor	Level of - Factor	Level of - Factor	N	Total Motile - Mean	Total Motile - Std.Dev.	Total Motile - Std.Err	Total Motile - -95.00%	Total Motile - +95.00%
Total				220	77.80773	11.32618	0.763611	76.30276	79.3127
Concentration_New	0			44	80.15909	9.62954	1.451708	77.23144	83.0867
Concentration_New	1			44	77.78636	12.01008	1.810588	74.13496	81.4378
Concentration_New	2			44	76.17045	12.15006	1.831691	72.47650	79.8644
Concentration_New	3			44	77.78636	10.70226	1.613427	74.53258	81.0401
Concentration_New	4			44	77.13636	12.05611	1.817527	73.47097	80.8018

<b>Obese (Y/N)</b>	No			120	77.69583	11.14859	1.017722	75.68064	79.7110
<b>Obese (Y/N)</b>	Yes			100	77.94200	11.59062	1.159062	75.64217	80.2418
<b>Time Point</b>	30			55	79.41818	10.68698	1.441032	76.52909	82.3073
<b>Time Point</b>	60			55	79.10364	11.08761	1.495053	76.10623	82.1010
<b>Time Point</b>	120			55	76.66909	11.26354	1.518776	73.62413	79.7141
<b>Time Point</b>	180			55	76.04000	12.14030	1.636998	72.75802	79.3220
<b>Concentration_New*Obese (Y/N)</b>	0	No		24	80.91667	9.83152	2.006851	76.76518	85.0682
<b>Concentration_New*Obese (Y/N)</b>	0	Yes		20	79.25000	9.55276	2.136063	74.77917	83.7208
<b>Concentration_New*Obese (Y/N)</b>	1	No		24	77.59167	11.19254	2.284668	72.86547	82.3179
<b>Concentration_New*Obese (Y/N)</b>	1	Yes		20	78.02000	13.21708	2.955429	71.83422	84.2058
<b>Concentration_New*Obese (Y/N)</b>	2	No		24	76.85833	11.71179	2.390659	71.91288	81.8038
<b>Concentration_New*Obese (Y/N)</b>	2	Yes		20	75.34500	12.91272	2.887372	69.30166	81.3883
<b>Concentration_New*Obese (Y/N)</b>	3	No		24	76.84167	10.87830	2.220523	72.24817	81.4352
<b>Concentration_New*Obese (Y/N)</b>	3	Yes		20	78.92000	10.65307	2.382100	73.93421	83.9058
<b>Concentration_New*Obese (Y/N)</b>	4	No		24	76.27083	12.29583	2.509875	71.07876	81.4629
<b>Concentration_New*Obese (Y/N)</b>	4	Yes		20	78.17500	11.99381	2.681897	72.56172	83.7883
<b>Concentration_New*Time Point</b>	0	30		11	80.29091	10.21376	3.079565	73.42921	87.1526
<b>Concentration_New*Time Point</b>	0	60		11	81.14545	9.46566	2.854004	74.78634	87.5046
<b>Concentration_New*Time Point</b>	0	120		11	80.06364	10.25342	3.091521	73.17530	86.9520
<b>Concentration_New*Time Point</b>	0	180		11	79.13636	9.87059	2.976095	72.50521	85.7675
<b>Concentration_New*Time Point</b>	1	30		11	81.59091	10.42425	3.143028	74.58781	88.5940
<b>Concentration_New*Time Point</b>	1	60		11	76.70000	12.28601	3.704371	68.44615	84.9539
<b>Concentration_New*Time Point</b>	1	120		11	75.60000	13.42468	4.047693	66.58118	84.6188
<b>Concentration_New*Time Point</b>	1	180		11	77.25455	12.55463	3.785363	68.82023	85.6889
<b>Concentration_New*Time Point</b>	2	30		11	77.67273	11.48121	3.461715	69.95955	85.3859
<b>Concentration_New*Time Point</b>	2	60		11	78.57273	10.61142	3.199463	71.44388	85.7016

Concentration_New*Time Point	2	120		11	74.42727	10.15028	3.060425	67.60822	81.2463
Concentration_New*Time Point	2	180		11	74.00909	16.43237	4.954547	62.96967	85.0485
Concentration_New*Time Point	3	30		11	80.44545	12.38324	3.733688	72.12628	88.7646
Concentration_New*Time Point	3	60		11	80.14545	10.80022	3.256389	72.88977	87.4011
Concentration_New*Time Point	3	120		11	76.74545	8.81038	2.656428	70.82656	82.6643
Concentration_New*Time Point	3	180		11	73.80909	10.60240	3.196744	66.68630	80.9319
Concentration_New*Time Point	4	30		11	77.09091	10.10410	3.046502	70.30288	83.8789
Concentration_New*Time Point	4	60		11	78.95455	13.47549	4.063012	69.90159	88.0075
Concentration_New*Time Point	4	120		11	76.50909	14.12738	4.259566	67.01819	86.0000
Concentration_New*Time Point	4	180		11	75.99091	11.67154	3.519103	68.14986	83.8320
Obese (Y/N)*Time Point	No	30		30	81.33333	10.65705	1.945702	77.35393	85.3127
Obese (Y/N)*Time Point	No	60		30	79.13667	9.82472	1.793741	75.46806	82.8053
Obese (Y/N)*Time Point	No	120		30	75.60333	10.71047	1.955455	71.60398	79.6027
Obese (Y/N)*Time Point	No	180		30	74.71000	12.47487	2.277589	70.05181	79.3682
Obese (Y/N)*Time Point	Yes	30		25	77.12000	10.47167	2.094334	72.79751	81.4425
Obese (Y/N)*Time Point	Yes	60		25	79.06400	12.64779	2.529558	73.84325	84.2848
Obese (Y/N)*Time Point	Yes	120		25	77.94800	11.98812	2.397625	72.99955	82.8965
Obese (Y/N)*Time Point	Yes	180		25	77.63600	11.77762	2.355525	72.77444	82.4976
Concentration_New*Obese (Y/N)*Time Point	0	No	30	6	83.25000	7.05259	2.879207	75.84876	90.6512
Concentration_New*Obese (Y/N)*Time Point	0	No	60	6	82.91667	10.65221	4.348748	71.73785	94.0955
Concentration_New*Obese (Y/N)*Time Point	0	No	120	6	79.40000	11.43241	4.667262	67.40242	91.3976
Concentration_New*Obese (Y/N)*Time Point	0	No	180	6	78.10000	11.27422	4.602680	66.26843	89.9316
Concentration_New*Obese (Y/N)*Time Point	0	Yes	30	5	76.74000	13.02816	5.826371	60.56340	92.9166
Concentration_New*Obese (Y/N)*Time Point	0	Yes	60	5	79.02000	8.47390	3.789644	68.49826	89.5417
Concentration_New*Obese (Y/N)*Time Point	0	Yes	120	5	80.86000	9.89965	4.427256	68.56797	93.1520
Concentration_New*Obese (Y/N)*Time Point	0	Yes	180	5	80.38000	9.00789	4.028449	69.19523	91.5648

Concentration_New*Obese (Y/N)*Time Point	1	No	30	6	81.71667	11.23876	4.588203	69.92231	93.5110
Concentration_New*Obese (Y/N)*Time Point	1	No	60	6	78.88333	10.51388	4.292273	67.84969	89.9170
Concentration_New*Obese (Y/N)*Time Point	1	No	120	6	77.73333	11.33449	4.627286	65.83852	89.6282
Concentration_New*Obese (Y/N)*Time Point	1	No	180	6	72.03333	12.30507	5.023522	59.11996	84.9467
Concentration_New*Obese (Y/N)*Time Point	1	Yes	30	5	81.44000	10.66410	4.769130	68.19877	94.6812
Concentration_New*Obese (Y/N)*Time Point	1	Yes	60	5	74.08000	14.94848	6.685163	55.51901	92.6410
Concentration_New*Obese (Y/N)*Time Point	1	Yes	120	5	73.04000	16.58156	7.415497	52.45128	93.6287
Concentration_New*Obese (Y/N)*Time Point	1	Yes	180	5	83.52000	10.71527	4.792014	70.21524	96.8248
Concentration_New*Obese (Y/N)*Time Point	2	No	30	6	81.16667	10.83045	4.421513	69.80081	92.5325
Concentration_New*Obese (Y/N)*Time Point	2	No	60	6	79.51667	8.33988	3.404743	70.76450	88.2688
Concentration_New*Obese (Y/N)*Time Point	2	No	120	6	73.38333	7.81829	3.191804	65.17854	81.5881
Concentration_New*Obese (Y/N)*Time Point	2	No	180	6	73.36667	17.97528	7.338377	54.50277	92.2306
Concentration_New*Obese (Y/N)*Time Point	2	Yes	30	5	73.48000	11.94307	5.341105	58.65072	88.3093
Concentration_New*Obese (Y/N)*Time Point	2	Yes	60	5	77.44000	13.84280	6.190687	60.25190	94.6281
Concentration_New*Obese (Y/N)*Time Point	2	Yes	120	5	75.68000	13.32543	5.959312	59.13430	92.2257
Concentration_New*Obese (Y/N)*Time Point	2	Yes	180	5	74.78000	16.42580	7.345842	54.38467	95.1753
Concentration_New*Obese (Y/N)*Time Point	3	No	30	6	82.00000	14.92421	6.092783	66.33800	97.6620
Concentration_New*Obese (Y/N)*Time Point	3	No	60	6	77.05000	6.54209	2.670799	70.18449	83.9155
Concentration_New*Obese (Y/N)*Time Point	3	No	120	6	74.15000	10.63029	4.339796	62.99420	85.3058
Concentration_New*Obese (Y/N)*Time Point	3	No	180	6	74.16667	10.79605	4.407468	62.83691	85.4964
Concentration_New*Obese (Y/N)*Time Point	3	Yes	30	5	78.58000	9.84744	4.403907	66.35279	90.8072
Concentration_New*Obese (Y/N)*Time Point	3	Yes	60	5	83.86000	14.36986	6.426399	66.01746	101.7025
Concentration_New*Obese (Y/N)*Time Point	3	Yes	120	5	79.86000	5.52929	2.472772	72.99449	86.7255
Concentration_New*Obese (Y/N)*Time Point	3	Yes	180	5	73.38000	11.61516	5.194459	58.95787	87.8021
Concentration_New*Obese (Y/N)*Time Point	4	No	30	6	78.53333	11.31736	4.620293	66.65649	90.4102
Concentration_New*Obese (Y/N)*Time Point	4	No	60	6	77.31667	14.03160	5.728375	62.59141	92.0419

Concentration_New*Obese (Y/N)*Time Point	4	No	120	6	73.35000	13.95561	5.697353	58.70449	87.9955
Concentration_New*Obese (Y/N)*Time Point	4	No	180	6	75.88333	12.56430	5.129355	62.69791	89.0688
Concentration_New*Obese (Y/N)*Time Point	4	Yes	30	5	75.36000	9.39484	4.201500	63.69477	87.0252
Concentration_New*Obese (Y/N)*Time Point	4	Yes	60	5	80.92000	14.10716	6.308914	63.40365	98.4364
Concentration_New*Obese (Y/N)*Time Point	4	Yes	120	5	80.30000	14.91895	6.671956	61.77568	98.8243
Concentration_New*Obese (Y/N)*Time Point	4	Yes	180	5	76.12000	11.96649	5.351579	61.26163	90.9784
Sample(Obese (Y/N))	1	No		20	71.78500	4.86386	1.087592	69.50864	74.0614
Sample(Obese (Y/N))	1	Yes		20	67.69500	4.83969	1.082188	65.42996	69.9600
Sample(Obese (Y/N))	2	No		20	73.79000	7.93665	1.774689	70.07553	77.5045
Sample(Obese (Y/N))	2	Yes		20	67.08500	10.06078	2.249658	62.37641	71.7936
Sample(Obese (Y/N))	3	No		20	93.44500	4.36475	0.975987	91.40223	95.4878
Sample(Obese (Y/N))	3	Yes		20	86.43500	7.47052	1.670460	82.93869	89.9313
Sample(Obese (Y/N))	4	No		20	77.50500	9.08860	2.032272	73.25141	81.7586
Sample(Obese (Y/N))	4	Yes		20	79.56500	8.08483	1.807823	75.78118	83.3488
Sample(Obese (Y/N))	5	No		20	69.26000	10.02714	2.242137	64.56715	73.9528
Sample(Obese (Y/N))	5	Yes		20	88.93000	3.71258	0.830159	87.19246	90.6675
Sample(Obese (Y/N))	6	No		20	80.39000	9.64861	2.157495	75.87431	84.9057
Sample*Concentration_New(Obese (Y/N))	1	0	No	4	70.70000	3.57864	1.789320	65.00558	76.3944
Sample*Concentration_New(Obese (Y/N))	1	0	Yes	4	70.27500	3.23458	1.617289	65.12806	75.4219
Sample*Concentration_New(Obese (Y/N))	1	1	No	4	71.35000	6.78945	3.394726	60.54647	82.1535
Sample*Concentration_New(Obese (Y/N))	1	1	Yes	4	64.12500	4.42822	2.214112	57.07871	71.1713
Sample*Concentration_New(Obese (Y/N))	1	2	No	4	71.42500	3.40429	1.702143	66.00802	76.8420
Sample*Concentration_New(Obese (Y/N))	1	2	Yes	4	65.62500	3.72592	1.862961	59.69623	71.5538
Sample*Concentration_New(Obese (Y/N))	1	3	No	4	73.27500	4.57921	2.289605	65.98845	80.5615
Sample*Concentration_New(Obese (Y/N))	1	3	Yes	4	73.12500	4.74649	2.373245	65.57228	80.6777
Sample*Concentration_New(Obese (Y/N))	1	4	No	4	72.17500	7.29446	3.647231	60.56788	83.7821

Sample*Concentration_New(Obese (Y/N))	1	4	Yes	4	65.32500	1.86436	0.932179	62.35839	68.2916
Sample*Concentration_New(Obese (Y/N))	2	0	No	4	77.00000	3.41858	1.709288	71.56028	82.4397
Sample*Concentration_New(Obese (Y/N))	2	0	Yes	4	74.12500	11.20398	5.601990	56.29697	91.9530
Sample*Concentration_New(Obese (Y/N))	2	1	No	4	70.72500	3.89219	1.946097	64.53165	76.9183
Sample*Concentration_New(Obese (Y/N))	2	1	Yes	4	65.45000	13.00372	6.501859	44.75818	86.1418
Sample*Concentration_New(Obese (Y/N))	2	2	No	4	80.20000	8.05812	4.029061	67.37773	93.0223
Sample*Concentration_New(Obese (Y/N))	2	2	Yes	4	57.55000	4.81006	2.405029	49.89612	65.2039
Sample*Concentration_New(Obese (Y/N))	2	3	No	4	73.15000	11.80325	5.901624	54.36840	91.9316
Sample*Concentration_New(Obese (Y/N))	2	3	Yes	4	68.10000	9.22750	4.613748	53.41700	82.7830
Sample*Concentration_New(Obese (Y/N))	2	4	No	4	67.87500	6.29358	3.146791	57.86051	77.8895
Sample*Concentration_New(Obese (Y/N))	2	4	Yes	4	70.20000	5.74166	2.870830	61.06374	79.3363
Sample*Concentration_New(Obese (Y/N))	3	0	No	4	94.92500	1.86793	0.933966	91.95270	97.8973
Sample*Concentration_New(Obese (Y/N))	3	0	Yes	4	88.90000	2.80476	1.402379	84.43700	93.3630
Sample*Concentration_New(Obese (Y/N))	3	1	No	4	93.07500	4.68143	2.340717	85.62579	100.5242
Sample*Concentration_New(Obese (Y/N))	3	1	Yes	4	85.22500	8.23099	4.115494	72.12766	98.3223
Sample*Concentration_New(Obese (Y/N))	3	2	No	4	93.80000	3.33567	1.667833	88.49221	99.1078
Sample*Concentration_New(Obese (Y/N))	3	2	Yes	4	85.60000	7.63719	3.818595	73.44753	97.7525
Sample*Concentration_New(Obese (Y/N))	3	3	No	4	93.42500	6.43033	3.215166	83.19291	103.6571
Sample*Concentration_New(Obese (Y/N))	3	3	Yes	4	83.02500	11.46164	5.730819	64.78697	101.2630
Sample*Concentration_New(Obese (Y/N))	3	4	No	4	92.00000	6.05970	3.029851	82.35766	101.6423
Sample*Concentration_New(Obese (Y/N))	3	4	Yes	4	89.42500	7.05236	3.526182	78.20312	100.6469
Sample*Concentration_New(Obese (Y/N))	4	0	No	4	75.55000	5.46046	2.730232	66.86118	84.2388
Sample*Concentration_New(Obese (Y/N))	4	0	Yes	4	74.70000	4.40984	2.204919	67.68296	81.7170
Sample*Concentration_New(Obese (Y/N))	4	1	No	4	78.75000	11.09189	5.545944	61.10033	96.3997
Sample*Concentration_New(Obese (Y/N))	4	1	Yes	4	83.97500	4.53973	2.269866	76.75127	91.1987
Sample*Concentration_New(Obese (Y/N))	4	2	No	4	74.65000	4.89660	2.448299	66.85842	82.4416

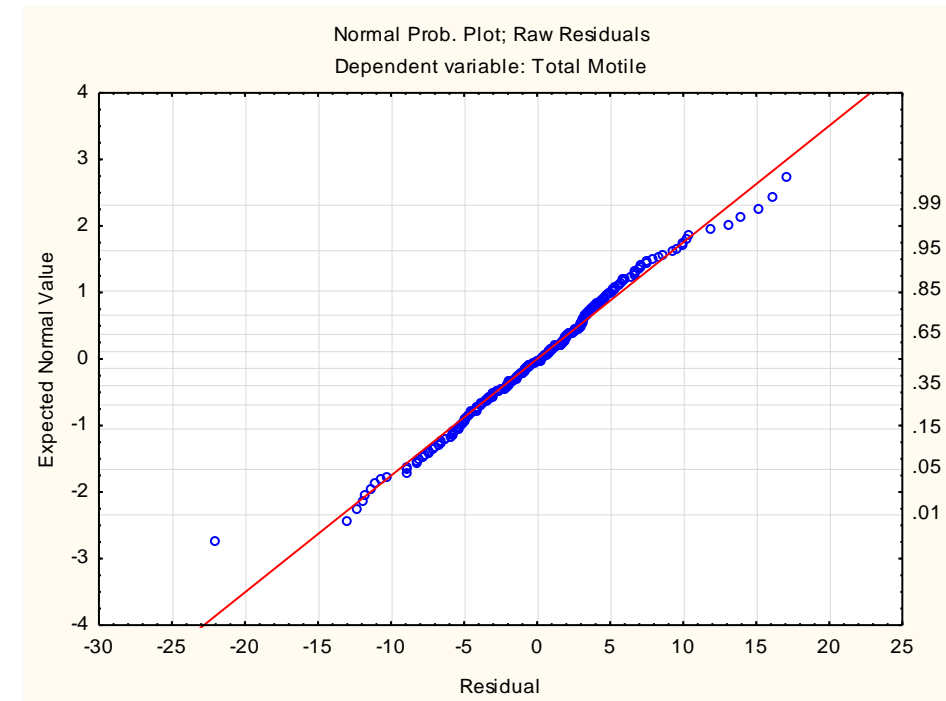


Sample*Concentration_New(Obese (Y/N))	4	2	Yes	4	82.80000	8.34945	4.174726	69.51416	96.0858
Sample*Concentration_New(Obese (Y/N))	4	3	No	4	78.80000	11.40117	5.700585	60.65820	96.9418
Sample*Concentration_New(Obese (Y/N))	4	3	Yes	4	80.07500	8.40213	4.201066	66.70533	93.4447
Sample*Concentration_New(Obese (Y/N))	4	4	No	4	79.77500	13.75509	6.877545	57.88758	101.6624
Sample*Concentration_New(Obese (Y/N))	4	4	Yes	4	76.27500	12.14039	6.070197	56.95692	95.5931
Sample*Concentration_New(Obese (Y/N))	5	0	No	4	76.45000	6.29524	3.147618	66.43287	86.4671
Sample*Concentration_New(Obese (Y/N))	5	0	Yes	4	88.25000	3.52940	1.764700	82.63394	93.8661
Sample*Concentration_New(Obese (Y/N))	5	1	No	4	67.72500	8.51797	4.258986	54.17101	81.2790
Sample*Concentration_New(Obese (Y/N))	5	1	Yes	4	91.32500	2.94661	1.473304	86.63629	96.0137
Sample*Concentration_New(Obese (Y/N))	5	2	No	4	64.15000	16.29734	8.148671	38.21729	90.0827
Sample*Concentration_New(Obese (Y/N))	5	2	Yes	4	85.15000	0.50662	0.253311	84.34385	85.9561
Sample*Concentration_New(Obese (Y/N))	5	3	No	4	70.85000	7.11126	3.555629	59.53440	82.1656
Sample*Concentration_New(Obese (Y/N))	5	3	Yes	4	90.27500	3.47599	1.737995	84.74393	95.8061
Sample*Concentration_New(Obese (Y/N))	5	4	No	4	67.12500	9.59596	4.797981	51.85568	82.3943
Sample*Concentration_New(Obese (Y/N))	5	4	Yes	4	89.65000	4.83701	2.418505	81.95324	97.3468
Sample*Concentration_New(Obese (Y/N))	6	0	No	4	90.87500	5.01224	2.506118	82.89942	98.8506
Sample*Concentration_New(Obese (Y/N))	6	1	No	4	83.92500	7.88347	3.941737	71.38063	96.4694
Sample*Concentration_New(Obese (Y/N))	6	2	No	4	76.92500	3.94831	1.974156	70.64235	83.2076
Sample*Concentration_New(Obese (Y/N))	6	3	No	4	71.55000	5.73905	2.869524	62.41789	80.6821
Sample*Concentration_New(Obese (Y/N))	6	4	No	4	78.67500	12.90126	6.450630	58.14622	99.2038
Sample*Time Point(Obese (Y/N))	1	No	30	5	75.00000	4.63033	2.070749	69.25068	80.7493
Sample*Time Point(Obese (Y/N))	1	No	60	5	70.74000	2.57352	1.150913	67.54455	73.9354
Sample*Time Point(Obese (Y/N))	1	No	120	5	70.56000	6.66656	2.981376	62.28237	78.8376
Sample*Time Point(Obese (Y/N))	1	No	180	5	70.84000	4.75268	2.125465	64.93876	76.7412
Sample*Time Point(Obese (Y/N))	1	Yes	30	5	68.36000	5.17040	2.312272	61.94010	74.7799
Sample*Time Point(Obese (Y/N))	1	Yes	60	5	66.34000	2.52547	1.129425	63.20421	69.4758

Sample*Time Point(Obese (Y/N))	1	Yes	120	5	67.06000	8.40762	3.760000	56.62057	77.4994
Sample*Time Point(Obese (Y/N))	1	Yes	180	5	69.02000	1.38275	0.618385	67.30309	70.7369
Sample*Time Point(Obese (Y/N))	2	No	30	5	80.14000	10.74491	4.805268	66.79844	93.4816
Sample*Time Point(Obese (Y/N))	2	No	60	5	72.66000	5.62921	2.517459	65.67041	79.6496
Sample*Time Point(Obese (Y/N))	2	No	120	5	69.64000	7.77612	3.477585	59.98468	79.2953
Sample*Time Point(Obese (Y/N))	2	No	180	5	72.72000	4.07885	1.824116	67.65544	77.7846
Sample*Time Point(Obese (Y/N))	2	Yes	30	5	65.86000	6.66393	2.980201	57.58563	74.1344
Sample*Time Point(Obese (Y/N))	2	Yes	60	5	64.38000	7.57179	3.386207	54.97838	73.7816
Sample*Time Point(Obese (Y/N))	2	Yes	120	5	69.26000	10.25636	4.586785	56.52504	81.9950
Sample*Time Point(Obese (Y/N))	2	Yes	180	5	68.84000	15.90827	7.114394	49.08728	88.5927
Sample*Time Point(Obese (Y/N))	3	No	30	5	96.80000	2.23495	0.999500	94.02494	99.5751
Sample*Time Point(Obese (Y/N))	3	No	60	5	90.64000	4.72102	2.111303	84.77808	96.5019
Sample*Time Point(Obese (Y/N))	3	No	120	5	90.82000	4.79812	2.145787	84.86234	96.7777
Sample*Time Point(Obese (Y/N))	3	No	180	5	95.52000	1.51228	0.676314	93.64225	97.3977
Sample*Time Point(Obese (Y/N))	3	Yes	30	5	81.52000	7.86619	3.517869	71.75283	91.2872
Sample*Time Point(Obese (Y/N))	3	Yes	60	5	87.76000	8.66447	3.874868	77.00164	98.5184
Sample*Time Point(Obese (Y/N))	3	Yes	120	5	87.82000	6.75070	3.019006	79.43789	96.2021
Sample*Time Point(Obese (Y/N))	3	Yes	180	5	88.64000	6.45779	2.888010	80.62160	96.6584
Sample*Time Point(Obese (Y/N))	4	No	30	5	83.36000	6.00400	2.685070	75.90505	90.8149
Sample*Time Point(Obese (Y/N))	4	No	60	5	84.14000	10.04530	4.492394	71.66712	96.6129
Sample*Time Point(Obese (Y/N))	4	No	120	5	69.68000	4.58170	2.049000	63.99106	75.3689
Sample*Time Point(Obese (Y/N))	4	No	180	5	72.84000	5.72652	2.560976	65.72959	79.9504
Sample*Time Point(Obese (Y/N))	4	Yes	30	5	81.00000	5.89746	2.637423	73.67734	88.3227
Sample*Time Point(Obese (Y/N))	4	Yes	60	5	88.92000	5.00270	2.237275	82.70833	95.1317
Sample*Time Point(Obese (Y/N))	4	Yes	120	5	74.50000	5.09068	2.276620	68.17909	80.8209
Sample*Time Point(Obese (Y/N))	4	Yes	180	5	73.84000	6.30500	2.819681	66.01131	81.6687

Sample*Time Point(Obese (Y/N))	5	No	30	5	69.86000	6.45043	2.884718	61.85074	77.8693
Sample*Time Point(Obese (Y/N))	5	No	60	5	74.82000	8.50159	3.802026	64.26388	85.3761
Sample*Time Point(Obese (Y/N))	5	No	120	5	69.22000	5.43526	2.430720	62.47124	75.9688
Sample*Time Point(Obese (Y/N))	5	No	180	5	63.14000	15.75573	7.046176	43.57668	82.7033
Sample*Time Point(Obese (Y/N))	5	Yes	30	5	88.86000	4.51973	2.021287	83.24801	94.4720
Sample*Time Point(Obese (Y/N))	5	Yes	60	5	87.92000	3.17836	1.421408	83.97354	91.8665
Sample*Time Point(Obese (Y/N))	5	Yes	120	5	91.10000	4.41418	1.974082	85.61907	96.5809
Sample*Time Point(Obese (Y/N))	5	Yes	180	5	87.84000	2.60826	1.166448	84.60142	91.0786
Sample*Time Point(Obese (Y/N))	6	No	30	5	82.84000	8.96649	4.009938	71.70663	93.9734
Sample*Time Point(Obese (Y/N))	6	No	60	5	81.82000	9.82176	4.392425	69.62467	94.0153
Sample*Time Point(Obese (Y/N))	6	No	120	5	83.70000	10.52592	4.707335	70.63034	96.7697
Sample*Time Point(Obese (Y/N))	6	No	180	5	73.20000	8.13449	3.637857	63.09969	83.3003

#### Normal Prob. Plot; Raw Residuals



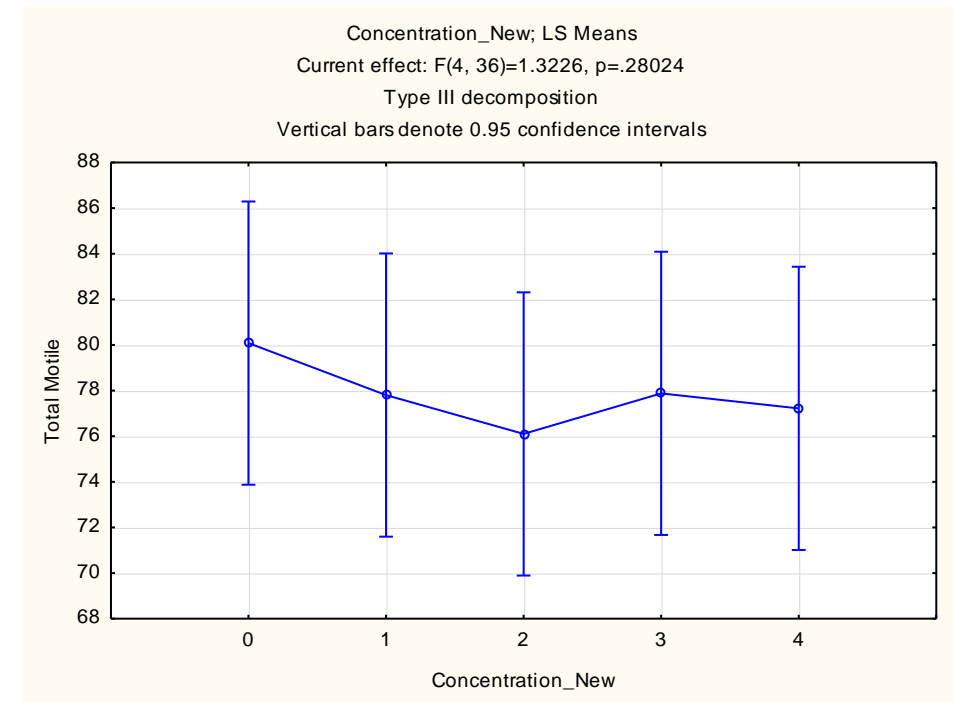
#### Concentration\_New; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)

Concentration\_New; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)

Current effect:  $F(4, 36)=1.3226$ ,  $p=.28024$

Type III decomposition						
Cell No.	Concentration_New	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	0	80.08333	3.061627	73.87407	86.29260	44
2	1	77.80583	3.061627	71.59657	84.01510	44
3	2	76.10167	3.061627	69.89240	82.31093	44
4	3	77.88083	3.061627	71.67157	84.09010	44
5	4	77.22292	3.061627	71.01365	83.43218	44

**Concentration\_New; LS Means**

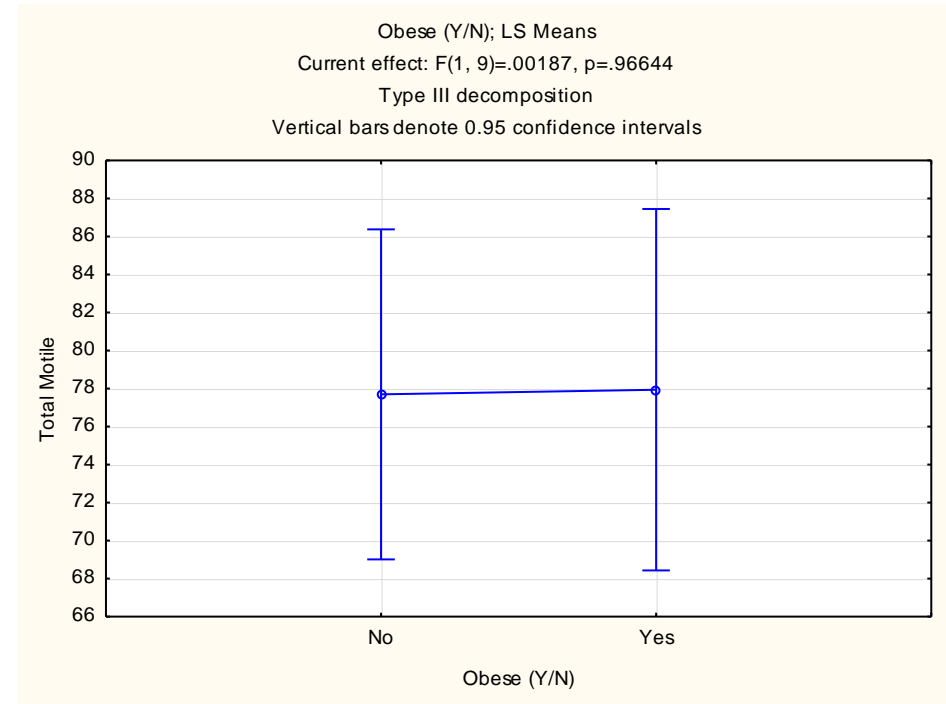


**Obese (Y/N); LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**

Obese (Y/N); LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)						
Current effect: F(1, 9)=.00187, p=.96644						
Type III decomposition						
Cell No.	Obese (Y/N)	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N

1	No	77.69583	3.837111	69.01569	86.37598	120
2	Yes	77.94200	4.203345	68.43337	87.45063	100

**Obese (Y/N); LS Means**

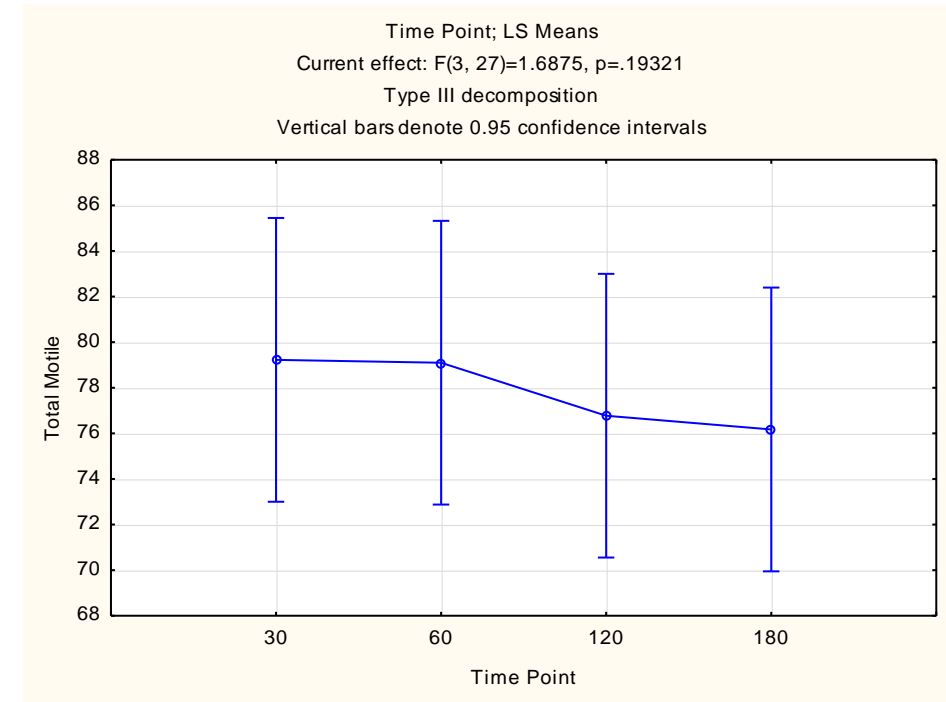


**Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**

Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)  
 Current effect:  $F(3, 27) = 1.6875, p = .19321$   
 Type III decomposition

Cell No.	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	30	79.22667	3.032706	73.00407	85.44926	55
2	60	79.10033	3.032706	72.87774	85.32293	55
3	120	76.77567	3.032706	70.55307	82.99826	55
4	180	76.17300	3.032706	69.95040	82.39560	55

**Time Point; LS Means**

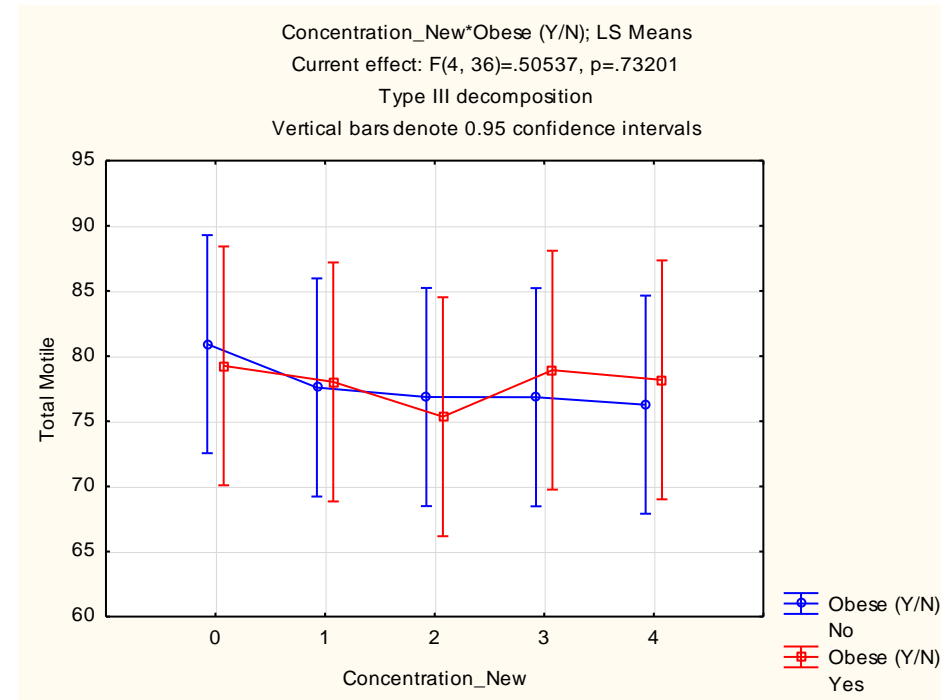


**Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)  
 Current effect:  $F(4, 36)=.50537, p=.73201$   
 Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	0	No	80.91667	4.128297	72.54409	89.28924	24
2	0	Yes	79.25000	4.522323	70.07830	88.42170	20
3	1	No	77.59167	4.128297	69.21909	85.96424	24
4	1	Yes	78.02000	4.522323	68.84830	87.19170	20
5	2	No	76.85833	4.128297	68.48576	85.23091	24
6	2	Yes	75.34500	4.522323	66.17330	84.51670	20
7	3	No	76.84167	4.128297	68.46909	85.21424	24
8	3	Yes	78.92000	4.522323	69.74830	88.09170	20
9	4	No	76.27083	4.128297	67.89826	84.64341	24
10	4	Yes	78.17500	4.522323	69.00330	87.34670	20

**Concentration\_New\*Obese (Y/N); LS Means**



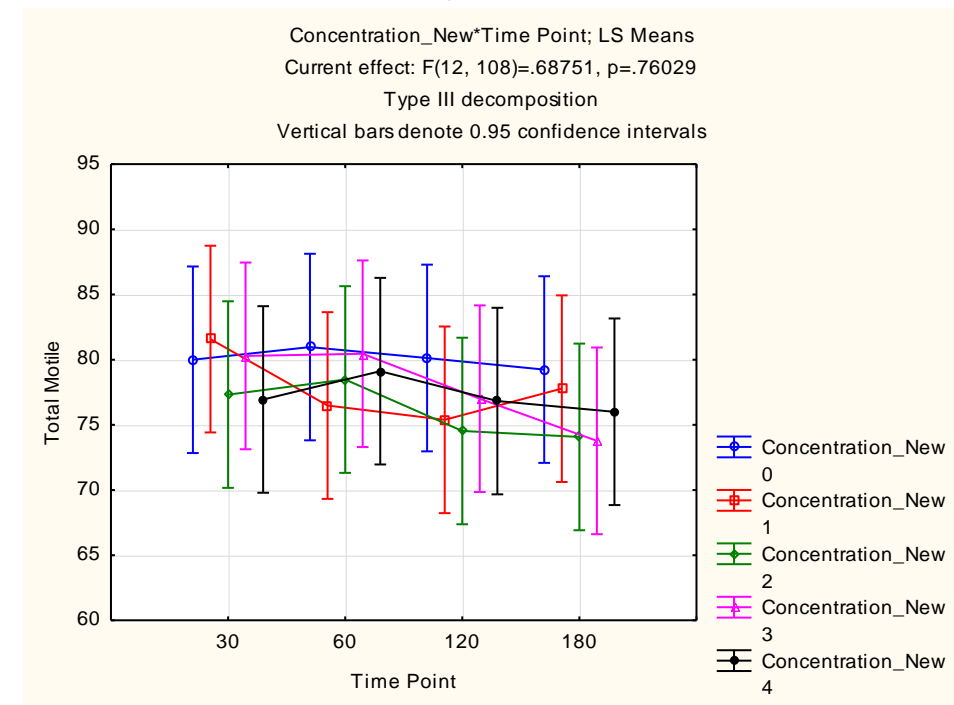
**Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**

Concentration\_New\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)  
 Current effect: F(12, 108)=.68751, p=.76029  
 Type III decomposition

Cell No.	Concentration_New	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	0	30	79.99500	3.611575	72.83623	87.15377	11
2	0	60	80.96833	3.611575	73.80956	88.12710	11
3	0	120	80.13000	3.611575	72.97123	87.28877	11
4	0	180	79.24000	3.611575	72.08123	86.39877	11
5	1	30	81.57833	3.611575	74.41956	88.73710	11
6	1	60	76.48167	3.611575	69.32290	83.64044	11
7	1	120	75.38667	3.611575	68.22790	82.54544	11
8	1	180	77.77667	3.611575	70.61790	84.93544	11
9	2	30	77.32333	3.611575	70.16456	84.48210	11

10	2	60	78.47833	3.611575	71.31956	85.63710	11
11	2	120	74.53167	3.611575	67.37290	81.69044	11
12	2	180	74.07333	3.611575	66.91456	81.23210	11
13	3	30	80.29000	3.611575	73.13123	87.44877	11
14	3	60	80.45500	3.611575	73.29623	87.61377	11
15	3	120	77.00500	3.611575	69.84623	84.16377	11
16	3	180	73.77333	3.611575	66.61456	80.93210	11
17	4	30	76.94667	3.611575	69.78790	84.10544	11
18	4	60	79.11833	3.611575	71.95956	86.27710	11
19	4	120	76.82500	3.611575	69.66623	83.98377	11
20	4	180	76.00167	3.611575	68.84290	83.16044	11

**Concentration\_New\*Time Point; LS Means**



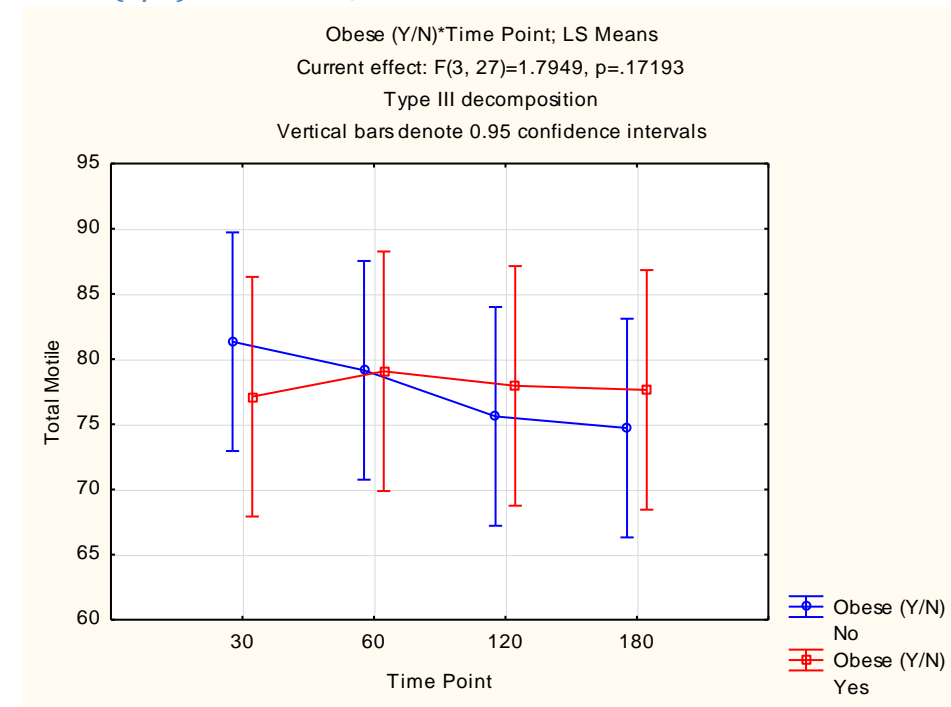
**Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)  
 Current effect: F(3, 27)=1.7949, p=.17193  
 Type III decomposition

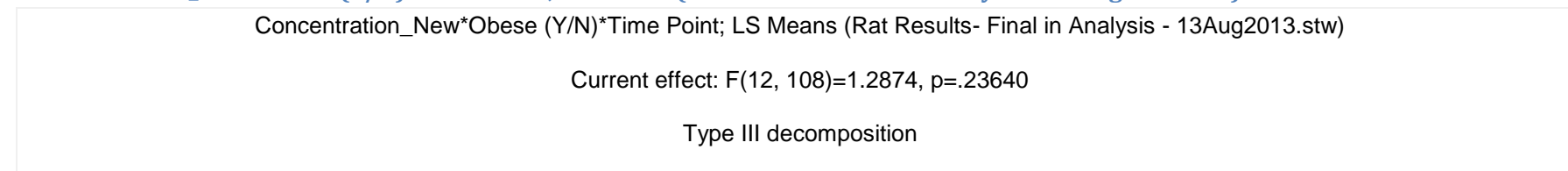


Cell No.	Obese (Y/N)	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	No	30	81.33333	4.089299	72.94278	89.72388	30
2	No	60	79.13667	4.089299	70.74612	87.52722	30
3	No	120	75.60333	4.089299	67.21278	83.99388	30
4	No	180	74.71000	4.089299	66.31945	83.10055	30
5	Yes	30	77.12000	4.479603	67.92861	86.31139	25
6	Yes	60	79.06400	4.479603	69.87261	88.25539	25
7	Yes	120	77.94800	4.479603	68.75661	87.13939	25
8	Yes	180	77.63600	4.479603	68.44461	86.82739	25

**Obese (Y/N)\*Time Point; LS Means**



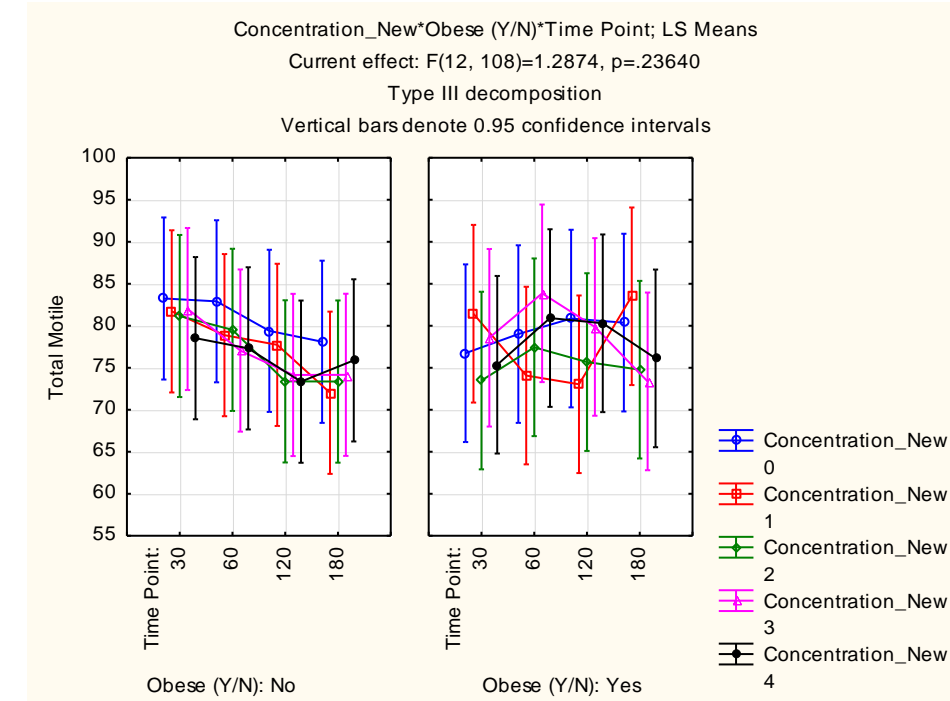
**Concentration\_New\*Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)**



Cell No.	Concentration_New	Obese (Y/N)	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	0	No	30	83.25000	4.869847	73.59712	92.90288	6
2	0	No	60	82.91667	4.869847	73.26379	92.56955	6
3	0	No	120	79.40000	4.869847	69.74712	89.05288	6
4	0	No	180	78.10000	4.869847	68.44712	87.75288	6
5	0	Yes	30	76.74000	5.334650	66.16580	87.31420	5
6	0	Yes	60	79.02000	5.334650	68.44580	89.59420	5
7	0	Yes	120	80.86000	5.334650	70.28580	91.43420	5
8	0	Yes	180	80.38000	5.334650	69.80580	90.95420	5
9	1	No	30	81.71667	4.869847	72.06379	91.36955	6
10	1	No	60	78.88333	4.869847	69.23045	88.53621	6
11	1	No	120	77.73333	4.869847	68.08045	87.38621	6
12	1	No	180	72.03333	4.869847	62.38045	81.68621	6
13	1	Yes	30	81.44000	5.334650	70.86580	92.01420	5
14	1	Yes	60	74.08000	5.334650	63.50580	84.65420	5
15	1	Yes	120	73.04000	5.334650	62.46580	83.61420	5
16	1	Yes	180	83.52000	5.334650	72.94580	94.09420	5
17	2	No	30	81.16667	4.869847	71.51379	90.81955	6
18	2	No	60	79.51667	4.869847	69.86379	89.16955	6
19	2	No	120	73.38333	4.869847	63.73045	83.03621	6
20	2	No	180	73.36667	4.869847	63.71379	83.01955	6
21	2	Yes	30	73.48000	5.334650	62.90580	84.05420	5
22	2	Yes	60	77.44000	5.334650	66.86580	88.01420	5
23	2	Yes	120	75.68000	5.334650	65.10580	86.25420	5
24	2	Yes	180	74.78000	5.334650	64.20580	85.35420	5

25	3	No	30	82.00000	4.869847	72.34712	91.65288	6
26	3	No	60	77.05000	4.869847	67.39712	86.70288	6
27	3	No	120	74.15000	4.869847	64.49712	83.80288	6
28	3	No	180	74.16667	4.869847	64.51379	83.81955	6
29	3	Yes	30	78.58000	5.334650	68.00580	89.15420	5
30	3	Yes	60	83.86000	5.334650	73.28580	94.43420	5
31	3	Yes	120	79.86000	5.334650	69.28580	90.43420	5
32	3	Yes	180	73.38000	5.334650	62.80580	83.95420	5
33	4	No	30	78.53333	4.869847	68.88045	88.18621	6
34	4	No	60	77.31667	4.869847	67.66379	86.96955	6
35	4	No	120	73.35000	4.869847	63.69712	83.00288	6
36	4	No	180	75.88333	4.869847	66.23045	85.53621	6
37	4	Yes	30	75.36000	5.334650	64.78580	85.93420	5
38	4	Yes	60	80.92000	5.334650	70.34580	91.49420	5
39	4	Yes	120	80.30000	5.334650	69.72580	90.87420	5
40	4	Yes	180	76.12000	5.334650	65.54580	86.69420	5

**Concentration\_New\*Obese (Y/N)\*Time Point; LS Means**



**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New

Cell No.	Concentration_New	{1} - 80.083	{2} - 77.806	{3} - 76.102	{4} - 77.881	{5} - 77.223
1	0		0.210366	0.032103	0.225449	0.117955
2	1	0.210366		0.346311	0.966733	0.746003
3	2	0.032103	0.346311		0.325770	0.534059
4	3	0.225449	0.966733	0.325770		0.714726
5	4	0.117955	0.746003	0.534059	0.714726	

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Simultaneous confidence intervals

Effect: Concentration\_New

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0	1	2.27750	1.785831	0.210366	-1.34433	5.899334
{1}-{3}	0	2	3.98167	1.785831	0.032103	0.35983	7.603500
{1}-{4}	0	3	2.20250	1.785831	0.225449	-1.41933	5.824334
{1}-{5}	0	4	2.86042	1.785831	0.117955	-0.76142	6.482250
{2}-{3}	1	2	1.70417	1.785831	0.346311	-1.91767	5.326000
{2}-{4}	1	3	-0.07500	1.785831	0.966733	-3.69683	3.546834
{2}-{5}	1	4	0.58292	1.785831	0.746003	-3.03892	4.204750
{3}-{4}	2	3	-1.77917	1.785831	0.325770	-5.40100	1.842667
{3}-{5}	2	4	-1.12125	1.785831	0.534059	-4.74308	2.500584
{4}-{5}	3	4	0.65792	1.785831	0.714726	-2.96392	4.279750

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)

Cell No.	Obese (Y/N)	{1} - 77.696	{2} - 77.942
1	No		0.966444
2	Yes	0.966444	

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	No	Yes	-0.246167	5.691355	0.966444	-13.1209	12.62857

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 79.227	{2} - 79.100	{3} - 76.776	{4} - 76.173
1	30		0.941728	0.163775	0.085763
2	60	0.941728		0.185808	0.098802
3	120	0.163775	0.185808		0.727590
4	180	0.085763	0.098802	0.727590	

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.126333	1.712247	0.941728	-3.38691	3.639574
{1}-{3}	30	120	2.451000	1.712247	0.163775	-1.06224	5.964241
{1}-{4}	30	180	3.053667	1.712247	0.085763	-0.45957	6.566907
{2}-{3}	60	120	2.324667	1.712247	0.185808	-1.18857	5.837907

{2}-{4}	60	180	2.927333	1.712247	0.098802	-0.58591	6.440574
{3}-{4}	120	180	0.602667	1.712247	0.727590	-2.91057	4.115907

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)

Cell No.	Concentration_New	Obese (Y/N)	{1} - 80.917	{2} - 79.250	{3} - 77.592	{4} - 78.020	{5} - 76.858	{6} - 75.345	{7} - 76.842	{8} - 78.920	{9} - 76.271	{10} - 78.175
1	0	No		0.787034	0.175852	0.639026	0.100573	0.368917	0.099235	0.746252	0.061602	0.657019
2	0	Yes	0.787034		0.788072	0.643818	0.698404	0.147473	0.696411	0.901139	0.629538	0.686033
3	1	No	0.175852	0.788072		0.944619	0.762471	0.715836	0.757248	0.829486	0.586724	0.924632
4	1	Yes	0.639026	0.643818	0.944619		0.850599	0.317310	0.848482	0.734946	0.776776	0.953468
5	2	No	0.100573	0.698404	0.762471	0.850599		0.806200	0.994516	0.738302	0.808634	0.830960
6	2	Yes	0.368917	0.147473	0.715836	0.317310	0.806200		0.808291	0.183774	0.880662	0.290480
7	3	No	0.099235	0.696411	0.757248	0.848482	0.994516	0.808291		0.736268	0.813957	0.828854
8	3	Yes	0.746252	0.901139	0.829486	0.734946	0.738302	0.183774	0.736268		0.667857	0.779233
9	4	No	0.061602	0.629538	0.586724	0.776776	0.808634	0.880662	0.813957	0.667857		0.757615
10	4	Yes	0.657019	0.686033	0.924632	0.953468	0.830960	0.290480	0.828854	0.779233	0.757615	

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	0*No	0*Yes	1.66667	6.123254	0.787034	-10.7519	14.08520
{1}-{3}	0*No	1*No	3.32500	2.408014	0.175852	-1.5587	8.20868
{1}-{4}	0*No	1*Yes	2.89667	6.123254	0.639026	-9.5219	15.31520
{1}-{5}	0*No	2*No	4.05833	2.408014	0.100573	-0.8253	8.94201
{1}-{6}	0*No	2*Yes	5.57167	6.123254	0.368917	-6.8469	17.99020
{1}-{7}	0*No	3*No	4.07500	2.408014	0.099235	-0.8087	8.95868
{1}-{8}	0*No	3*Yes	1.99667	6.123254	0.746252	-10.4219	14.41520
{1}-{9}	0*No	4*No	4.64583	2.408014	0.061602	-0.2378	9.52951
{1}-{10}	0*No	4*Yes	2.74167	6.123254	0.657019	-9.6769	15.16020
{2}-{3}	0*Yes	1*No	1.65833	6.123254	0.788072	-10.7602	14.07687
{2}-{4}	0*Yes	1*Yes	1.23000	2.637848	0.643818	-4.1198	6.57980
{2}-{5}	0*Yes	2*No	2.39167	6.123254	0.698404	-10.0269	14.81020
{2}-{6}	0*Yes	2*Yes	3.90500	2.637848	0.147473	-1.4448	9.25480
{2}-{7}	0*Yes	3*No	2.40833	6.123254	0.696411	-10.0102	14.82687
{2}-{8}	0*Yes	3*Yes	0.33000	2.637848	0.901139	-5.0198	5.67980
{2}-{9}	0*Yes	4*No	2.97917	6.123254	0.629538	-9.4394	15.39770
{2}-{10}	0*Yes	4*Yes	1.07500	2.637848	0.686033	-4.2748	6.42480
{3}-{4}	1*No	1*Yes	-0.42833	6.123254	0.944619	-12.8469	11.99020
{3}-{5}	1*No	2*No	0.73333	2.408014	0.762471	-4.1503	5.61701
{3}-{6}	1*No	2*Yes	2.24667	6.123254	0.715836	-10.1719	14.66520
{3}-{7}	1*No	3*No	0.75000	2.408014	0.757248	-4.1337	5.63368
{3}-{8}	1*No	3*Yes	-1.32833	6.123254	0.829486	-13.7469	11.09020
{3}-{9}	1*No	4*No	1.32083	2.408014	0.586724	-3.5628	6.20451
{3}-{10}	1*No	4*Yes	-0.58333	6.123254	0.924632	-13.0019	11.83520
{4}-{5}	1*Yes	2*No	1.16167	6.123254	0.850599	-11.2569	13.58020
{4}-{6}	1*Yes	2*Yes	2.67500	2.637848	0.317310	-2.6748	8.02480



{4}-{7}	1*Yes	3*No	1.17833	6.123254	0.848482	-11.2402	13.59687
{4}-{8}	1*Yes	3*Yes	-0.90000	2.637848	0.734946	-6.2498	4.44980
{4}-{9}	1*Yes	4*No	1.74917	6.123254	0.776776	-10.6694	14.16770
{4}-{10}	1*Yes	4*Yes	-0.15500	2.637848	0.953468	-5.5048	5.19480
{5}-{6}	2*No	2*Yes	1.51333	6.123254	0.806200	-10.9052	13.93187
{5}-{7}	2*No	3*No	0.01667	2.408014	0.994516	-4.8670	4.90035
{5}-{8}	2*No	3*Yes	-2.06167	6.123254	0.738302	-14.4802	10.35687
{5}-{9}	2*No	4*No	0.58750	2.408014	0.808634	-4.2962	5.47118
{5}-{10}	2*No	4*Yes	-1.31667	6.123254	0.830960	-13.7352	11.10187
{6}-{7}	2*Yes	3*No	-1.49667	6.123254	0.808291	-13.9152	10.92187
{6}-{8}	2*Yes	3*Yes	-3.57500	2.637848	0.183774	-8.9248	1.77480
{6}-{9}	2*Yes	4*No	-0.92583	6.123254	0.880662	-13.3444	11.49270
{6}-{10}	2*Yes	4*Yes	-2.83000	2.637848	0.290480	-8.1798	2.51980
{7}-{8}	3*No	3*Yes	-2.07833	6.123254	0.736268	-14.4969	10.34020
{7}-{9}	3*No	4*No	0.57083	2.408014	0.813957	-4.3128	5.45451
{7}-{10}	3*No	4*Yes	-1.33333	6.123254	0.828854	-13.7519	11.08520
{8}-{9}	3*Yes	4*No	2.64917	6.123254	0.667857	-9.7694	15.06770
{8}-{10}	3*Yes	4*Yes	0.74500	2.637848	0.779233	-4.6048	6.09480
{9}-{10}	4*No	4*Yes	-1.90417	6.123254	0.757615	-14.3227	10.51437

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Time Point

Cell No.	Concentration_New	Time Point	{1} - 79.995	{2} - 80.968	{3} - 80.130	{4} - 79.240	{5} - 81.578	{6} - 76.482	{7} - 75.387	{8} - 77.777	{9} - 77.323	{10} - 78.478	{11} - 74.532	{12} - 74.073	{13} - 80.290	{14} - 80.455	{15} - 77.005	{16} - 73.773	{17} - 76.947	{18} - 79.118	{19} - 76.825	{20} - 76.002
1	0	30		0.756298	0.965658	0.809747	0.610667	0.288164	0.164350	0.501770	0.390825	0.645875	0.099843	0.074793	0.924384	0.889113	0.365680	0.061404	0.327777	0.790479	0.337646	0.227681

2	0	60	0.756298		0.789225	0.581762	0.853318	0.150820	0.092802	0.334369	0.270573	0.423739	0.053098	0.038525	0.837108	0.868825	0.231170	0.030976	0.224422	0.552019	0.210809	0.134227
3	0	120	0.965658	0.789225		0.776574	0.660794	0.270138	0.129021	0.476160	0.395703	0.616825	0.073797	0.068495	0.961319	0.921527	0.315813	0.056070	0.335627	0.759159	0.288878	0.212454
4	0	180	0.809747	0.581762	0.776574		0.478969	0.403863	0.244290	0.637943	0.561565	0.817435	0.155466	0.098572	0.750335	0.712746	0.498568	0.080739	0.487452	0.970581	0.464708	0.298665
5	1	30	0.610667	0.853318	0.660794	0.478969		0.106185	0.050336	0.226925	0.172847	0.348378	0.034531	0.024562	0.678619	0.733549	0.167550	0.019497	0.138179	0.456450	0.151591	0.093091
6	1	60	0.288164	0.150820	0.270138	0.403863	0.106185		0.727000	0.679725	0.798658	0.521003	0.554790	0.465938	0.249808	0.202812	0.873967	0.412411	0.887915	0.397041	0.917116	0.884325
7	1	120	0.164350	0.092802	0.129021	0.244290	0.050336	0.727000		0.446541	0.557495	0.349670	0.783283	0.690670	0.139211	0.126521	0.602812	0.625014	0.636487	0.259410	0.643691	0.852130
8	1	180	0.501770	0.334369	0.476160	0.637943	0.226925	0.679725	0.446541		0.890709	0.831589	0.326390	0.234982	0.446772	0.417591	0.815082	0.199449	0.801389	0.684357	0.773033	0.568228
9	2	30	0.390825	0.270573	0.395703	0.561565	0.172847	0.798658	0.557495	0.890709		0.712697	0.374172	0.301175	0.340846	0.343496	0.923131	0.283189	0.903544	0.586634	0.879940	0.688811
10	2	60	0.645875	0.423739	0.616825	0.817435	0.348378	0.521003	0.349670	0.831589	0.712697		0.209815	0.161974	0.583169	0.525178	0.655320	0.155756	0.642619	0.836872	0.616470	0.453413
11	2	120	0.099843	0.053098	0.073797	0.155466	0.034531	0.554790	0.783283	0.326390	0.374172	0.209815		0.883791	0.083047	0.074713	0.426839	0.818220	0.464708	0.166325	0.461162	0.656048
12	2	180	0.074793	0.038525	0.068495	0.098572	0.024562	0.465938	0.690670	0.234982	0.301175	0.161974	0.883791		0.061609	0.055127	0.375073	0.923107	0.384615	0.128258	0.404996	0.535340
13	3	30	0.924384	0.837108	0.961319	0.750335	0.678619	0.249808	0.139211	0.446772	0.340846	0.583169	0.083047	0.061609		0.958033	0.296025	0.039602	0.283351	0.722554	0.294814	0.195388
14	3	60	0.889113	0.868825	0.921527	0.712746	0.733549	0.202812	0.126521	0.417591	0.343496	0.525178	0.074713	0.055127	0.958033		0.272555	0.034950	0.288847	0.667283	0.272539	0.178879
15	3	120	0.365680	0.231170	0.315813	0.498568	0.167550	0.873967	0.602812	0.815082	0.923131	0.655320	0.426839	0.375073	0.296025	0.272555		0.303896	0.985893	0.522188	0.953818	0.761081
16	3	180	0.061404	0.030976	0.056070	0.080739	0.019497	0.412411	0.625014	0.199449	0.283189	0.155756	0.818220	0.923107	0.039602	0.034950	0.303896		0.337141	0.107310	0.355914	0.473931
17	4	30	0.327777	0.224422	0.335627	0.487452	0.138179	0.887915	0.636487	0.801389	0.903544	0.642619	0.464708	0.384615	0.283351	0.288847	0.985893	0.337141		0.489051	0.969048	0.763173
18	4	60	0.790479	0.552019	0.759159	0.970581	0.456450	0.397041	0.259410	0.684357	0.586634	0.836872	0.166325	0.128258	0.722554	0.667283	0.522188	0.107310	0.489051		0.465094	0.321345
19	4	120	0.337646	0.210809	0.288878	0.464708	0.151591	0.917116	0.643691	0.773033	0.879940	0.616470	0.461162	0.404996	0.294814	0.272539	0.953818	0.355914	0.969048	0.465094		0.792908
20	4	180	0.227681	0.134227	0.212454	0.298665	0.093091	0.884325	0.852130	0.568228	0.688811	0.453413	0.656048	0.535340	0.195388	0.178879	0.761081	0.473931	0.763173	0.321345	0.792908	

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)							
Simultaneous confidence intervals							
Effect: Concentration_New*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	0*30	0*60	-0.97333	3.128329	0.756298	-7.1742	5.22756
{1}-{3}	0*30	0*120	-0.13500	3.128329	0.965658	-6.3359	6.06589
{1}-{4}	0*30	0*180	0.75500	3.128329	0.809747	-5.4459	6.95589
{1}-{5}	0*30	1*30	-1.58333	3.100876	0.610667	-7.7298	4.56314
{1}-{6}	0*30	1*60	3.51333	3.291437	0.288164	-3.0109	10.03753
{1}-{7}	0*30	1*120	4.60833	3.291437	0.164350	-1.9159	11.13253
{1}-{8}	0*30	1*180	2.21833	3.291437	0.501770	-4.3059	8.74253
{1}-{9}	0*30	2*30	2.67167	3.100876	0.390825	-3.4748	8.81814
{1}-{10}	0*30	2*60	1.51667	3.291437	0.645875	-5.0075	8.04087
{1}-{11}	0*30	2*120	5.46333	3.291437	0.099843	-1.0609	11.98753
{1}-{12}	0*30	2*180	5.92167	3.291437	0.074793	-0.6025	12.44587
{1}-{13}	0*30	3*30	-0.29500	3.100876	0.924384	-6.4415	5.85147
{1}-{14}	0*30	3*60	-0.46000	3.291437	0.889113	-6.9842	6.06420
{1}-{15}	0*30	3*120	2.99000	3.291437	0.365680	-3.5342	9.51420
{1}-{16}	0*30	3*180	6.22167	3.291437	0.061404	-0.3025	12.74587
{1}-{17}	0*30	4*30	3.04833	3.100876	0.327777	-3.0981	9.19481
{1}-{18}	0*30	4*60	0.87667	3.291437	0.790479	-5.6475	7.40087
{1}-{19}	0*30	4*120	3.17000	3.291437	0.337646	-3.3542	9.69420
{1}-{20}	0*30	4*180	3.99333	3.291437	0.227681	-2.5309	10.51753
{2}-{3}	0*60	0*120	0.83833	3.128329	0.789225	-5.3626	7.03922
{2}-{4}	0*60	0*180	1.72833	3.128329	0.581762	-4.4726	7.92922
{2}-{5}	0*60	1*30	-0.61000	3.291437	0.853318	-7.1342	5.91420
{2}-{6}	0*60	1*60	4.48667	3.100876	0.150820	-1.6598	10.63314
{2}-{7}	0*60	1*120	5.58167	3.291437	0.092802	-0.9425	12.10587
{2}-{8}	0*60	1*180	3.19167	3.291437	0.334369	-3.3325	9.71587
{2}-{9}	0*60	2*30	3.64500	3.291437	0.270573	-2.8792	10.16920

{2}-{10}	0*60	2*60	2.49000	3.100876	0.423739	-3.6565	8.63647
{2}-{11}	0*60	2*120	6.43667	3.291437	0.053098	-0.0875	12.96087
{2}-{12}	0*60	2*180	6.89500	3.291437	0.038525	0.3708	13.41920
{2}-{13}	0*60	3*30	0.67833	3.291437	0.837108	-5.8459	7.20253
{2}-{14}	0*60	3*60	0.51333	3.100876	0.868825	-5.6331	6.65981
{2}-{15}	0*60	3*120	3.96333	3.291437	0.231170	-2.5609	10.48753
{2}-{16}	0*60	3*180	7.19500	3.291437	0.030976	0.6708	13.71920
{2}-{17}	0*60	4*30	4.02167	3.291437	0.224422	-2.5025	10.54587
{2}-{18}	0*60	4*60	1.85000	3.100876	0.552019	-4.2965	7.99647
{2}-{19}	0*60	4*120	4.14333	3.291437	0.210809	-2.3809	10.66753
{2}-{20}	0*60	4*180	4.96667	3.291437	0.134227	-1.5575	11.49087
{3}-{4}	0*120	0*180	0.89000	3.128329	0.776574	-5.3109	7.09089
{3}-{5}	0*120	1*30	-1.44833	3.291437	0.660794	-7.9725	5.07587
{3}-{6}	0*120	1*60	3.64833	3.291437	0.270138	-2.8759	10.17253
{3}-{7}	0*120	1*120	4.74333	3.100876	0.129021	-1.4031	10.88981
{3}-{8}	0*120	1*180	2.35333	3.291437	0.476160	-4.1709	8.87753
{3}-{9}	0*120	2*30	2.80667	3.291437	0.395703	-3.7175	9.33087
{3}-{10}	0*120	2*60	1.65167	3.291437	0.616825	-4.8725	8.17587
{3}-{11}	0*120	2*120	5.59833	3.100876	0.073797	-0.5481	11.74481
{3}-{12}	0*120	2*180	6.05667	3.291437	0.068495	-0.4675	12.58087
{3}-{13}	0*120	3*30	-0.16000	3.291437	0.961319	-6.6842	6.36420
{3}-{14}	0*120	3*60	-0.32500	3.291437	0.921527	-6.8492	6.19920
{3}-{15}	0*120	3*120	3.12500	3.100876	0.315813	-3.0215	9.27147
{3}-{16}	0*120	3*180	6.35667	3.291437	0.056070	-0.1675	12.88087
{3}-{17}	0*120	4*30	3.18333	3.291437	0.335627	-3.3409	9.70753
{3}-{18}	0*120	4*60	1.01167	3.291437	0.759159	-5.5125	7.53587

{3}-{19}	0*120	4*120	3.30500	3.100876	0.288878	-2.8415	9.45147
{3}-{20}	0*120	4*180	4.12833	3.291437	0.212454	-2.3959	10.65253
{4}-{5}	0*180	1*30	-2.33833	3.291437	0.478969	-8.8625	4.18587
{4}-{6}	0*180	1*60	2.75833	3.291437	0.403863	-3.7659	9.28253
{4}-{7}	0*180	1*120	3.85333	3.291437	0.244290	-2.6709	10.37753
{4}-{8}	0*180	1*180	1.46333	3.100876	0.637943	-4.6831	7.60981
{4}-{9}	0*180	2*30	1.91667	3.291437	0.561565	-4.6075	8.44087
{4}-{10}	0*180	2*60	0.76167	3.291437	0.817435	-5.7625	7.28587
{4}-{11}	0*180	2*120	4.70833	3.291437	0.155466	-1.8159	11.23253
{4}-{12}	0*180	2*180	5.16667	3.100876	0.098572	-0.9798	11.31314
{4}-{13}	0*180	3*30	-1.05000	3.291437	0.750335	-7.5742	5.47420
{4}-{14}	0*180	3*60	-1.21500	3.291437	0.712746	-7.7392	5.30920
{4}-{15}	0*180	3*120	2.23500	3.291437	0.498568	-4.2892	8.75920
{4}-{16}	0*180	3*180	5.46667	3.100876	0.080739	-0.6798	11.61314
{4}-{17}	0*180	4*30	2.29333	3.291437	0.487452	-4.2309	8.81753
{4}-{18}	0*180	4*60	0.12167	3.291437	0.970581	-6.4025	6.64587
{4}-{19}	0*180	4*120	2.41500	3.291437	0.464708	-4.1092	8.93920
{4}-{20}	0*180	4*180	3.23833	3.100876	0.298665	-2.9081	9.38481
{5}-{6}	1*30	1*60	5.09667	3.128329	0.106185	-1.1042	11.29756
{5}-{7}	1*30	1*120	6.19167	3.128329	0.050336	-0.0092	12.39256
{5}-{8}	1*30	1*180	3.80167	3.128329	0.226925	-2.3992	10.00256
{5}-{9}	1*30	2*30	4.25500	3.100876	0.172847	-1.8915	10.40147
{5}-{10}	1*30	2*60	3.10000	3.291437	0.348378	-3.4242	9.62420
{5}-{11}	1*30	2*120	7.04667	3.291437	0.034531	0.5225	13.57087
{5}-{12}	1*30	2*180	7.50500	3.291437	0.024562	0.9808	14.02920
{5}-{13}	1*30	3*30	1.28833	3.100876	0.678619	-4.8581	7.43481

{5}-{14}	1*30	3*60	1.12333	3.291437	0.733549	-5.4009	7.64753
{5}-{15}	1*30	3*120	4.57333	3.291437	0.167550	-1.9509	11.09753
{5}-{16}	1*30	3*180	7.80500	3.291437	0.019497	1.2808	14.32920
{5}-{17}	1*30	4*30	4.63167	3.100876	0.138179	-1.5148	10.77814
{5}-{18}	1*30	4*60	2.46000	3.291437	0.456450	-4.0642	8.98420
{5}-{19}	1*30	4*120	4.75333	3.291437	0.151591	-1.7709	11.27753
{5}-{20}	1*30	4*180	5.57667	3.291437	0.093091	-0.9475	12.10087
{6}-{7}	1*60	1*120	1.09500	3.128329	0.727000	-5.1059	7.29589
{6}-{8}	1*60	1*180	-1.29500	3.128329	0.679725	-7.4959	4.90589
{6}-{9}	1*60	2*30	-0.84167	3.291437	0.798658	-7.3659	5.68253
{6}-{10}	1*60	2*60	-1.99667	3.100876	0.521003	-8.1431	4.14981
{6}-{11}	1*60	2*120	1.95000	3.291437	0.554790	-4.5742	8.47420
{6}-{12}	1*60	2*180	2.40833	3.291437	0.465938	-4.1159	8.93253
{6}-{13}	1*60	3*30	-3.80833	3.291437	0.249808	-10.3325	2.71587
{6}-{14}	1*60	3*60	-3.97333	3.100876	0.202812	-10.1198	2.17314
{6}-{15}	1*60	3*120	-0.52333	3.291437	0.873967	-7.0475	6.00087
{6}-{16}	1*60	3*180	2.70833	3.291437	0.412411	-3.8159	9.23253
{6}-{17}	1*60	4*30	-0.46500	3.291437	0.887915	-6.9892	6.05920
{6}-{18}	1*60	4*60	-2.63667	3.100876	0.397041	-8.7831	3.50981
{6}-{19}	1*60	4*120	-0.34333	3.291437	0.917116	-6.8675	6.18087
{6}-{20}	1*60	4*180	0.48000	3.291437	0.884325	-6.0442	7.00420
{7}-{8}	1*120	1*180	-2.39000	3.128329	0.446541	-8.5909	3.81089
{7}-{9}	1*120	2*30	-1.93667	3.291437	0.557495	-8.4609	4.58753
{7}-{10}	1*120	2*60	-3.09167	3.291437	0.349670	-9.6159	3.43253
{7}-{11}	1*120	2*120	0.85500	3.100876	0.783283	-5.2915	7.00147
{7}-{12}	1*120	2*180	1.31333	3.291437	0.690670	-5.2109	7.83753

{7}-{13}	1*120	3*30	-4.90333	3.291437	0.139211	-11.4275	1.62087
{7}-{14}	1*120	3*60	-5.06833	3.291437	0.126521	-11.5925	1.45587
{7}-{15}	1*120	3*120	-1.61833	3.100876	0.602812	-7.7648	4.52814
{7}-{16}	1*120	3*180	1.61333	3.291437	0.625014	-4.9109	8.13753
{7}-{17}	1*120	4*30	-1.56000	3.291437	0.636487	-8.0842	4.96420
{7}-{18}	1*120	4*60	-3.73167	3.291437	0.259410	-10.2559	2.79253
{7}-{19}	1*120	4*120	-1.43833	3.100876	0.643691	-7.5848	4.70814
{7}-{20}	1*120	4*180	-0.61500	3.291437	0.852130	-7.1392	5.90920
{8}-{9}	1*180	2*30	0.45333	3.291437	0.890709	-6.0709	6.97753
{8}-{10}	1*180	2*60	-0.70167	3.291437	0.831589	-7.2259	5.82253
{8}-{11}	1*180	2*120	3.24500	3.291437	0.326390	-3.2792	9.76920
{8}-{12}	1*180	2*180	3.70333	3.100876	0.234982	-2.4431	9.84981
{8}-{13}	1*180	3*30	-2.51333	3.291437	0.446772	-9.0375	4.01087
{8}-{14}	1*180	3*60	-2.67833	3.291437	0.417591	-9.2025	3.84587
{8}-{15}	1*180	3*120	0.77167	3.291437	0.815082	-5.7525	7.29587
{8}-{16}	1*180	3*180	4.00333	3.100876	0.199449	-2.1431	10.14981
{8}-{17}	1*180	4*30	0.83000	3.291437	0.801389	-5.6942	7.35420
{8}-{18}	1*180	4*60	-1.34167	3.291437	0.684357	-7.8659	5.18253
{8}-{19}	1*180	4*120	0.95167	3.291437	0.773033	-5.5725	7.47587
{8}-{20}	1*180	4*180	1.77500	3.100876	0.568228	-4.3715	7.92147
{9}-{10}	2*30	2*60	-1.15500	3.128329	0.712697	-7.3559	5.04589
{9}-{11}	2*30	2*120	2.79167	3.128329	0.374172	-3.4092	8.99256
{9}-{12}	2*30	2*180	3.25000	3.128329	0.301175	-2.9509	9.45089
{9}-{13}	2*30	3*30	-2.96667	3.100876	0.340846	-9.1131	3.17981
{9}-{14}	2*30	3*60	-3.13167	3.291437	0.343496	-9.6559	3.39253
{9}-{15}	2*30	3*120	0.31833	3.291437	0.923131	-6.2059	6.84253

{9}-{16}	2*30	3*180	3.55000	3.291437	0.283189	-2.9742	10.07420
{9}-{17}	2*30	4*30	0.37667	3.100876	0.903544	-5.7698	6.52314
{9}-{18}	2*30	4*60	-1.79500	3.291437	0.586634	-8.3192	4.72920
{9}-{19}	2*30	4*120	0.49833	3.291437	0.879940	-6.0259	7.02253
{9}-{20}	2*30	4*180	1.32167	3.291437	0.688811	-5.2025	7.84587
{10}-{11}	2*60	2*120	3.94667	3.128329	0.209815	-2.2542	10.14756
{10}-{12}	2*60	2*180	4.40500	3.128329	0.161974	-1.7959	10.60589
{10}-{13}	2*60	3*30	-1.81167	3.291437	0.583169	-8.3359	4.71253
{10}-{14}	2*60	3*60	-1.97667	3.100876	0.525178	-8.1231	4.16981
{10}-{15}	2*60	3*120	1.47333	3.291437	0.655320	-5.0509	7.99753
{10}-{16}	2*60	3*180	4.70500	3.291437	0.155756	-1.8192	11.22920
{10}-{17}	2*60	4*30	1.53167	3.291437	0.642619	-4.9925	8.05587
{10}-{18}	2*60	4*60	-0.64000	3.100876	0.836872	-6.7865	5.50647
{10}-{19}	2*60	4*120	1.65333	3.291437	0.616470	-4.8709	8.17753
{10}-{20}	2*60	4*180	2.47667	3.291437	0.453413	-4.0475	9.00087
{11}-{12}	2*120	2*180	0.45833	3.128329	0.883791	-5.7426	6.65922
{11}-{13}	2*120	3*30	-5.75833	3.291437	0.083047	-12.2825	0.76587
{11}-{14}	2*120	3*60	-5.92333	3.291437	0.074713	-12.4475	0.60087
{11}-{15}	2*120	3*120	-2.47333	3.100876	0.426839	-8.6198	3.67314
{11}-{16}	2*120	3*180	0.75833	3.291437	0.818220	-5.7659	7.28253
{11}-{17}	2*120	4*30	-2.41500	3.291437	0.464708	-8.9392	4.10920
{11}-{18}	2*120	4*60	-4.58667	3.291437	0.166325	-11.1109	1.93753
{11}-{19}	2*120	4*120	-2.29333	3.100876	0.461162	-8.4398	3.85314
{11}-{20}	2*120	4*180	-1.47000	3.291437	0.656048	-7.9942	5.05420
{12}-{13}	2*180	3*30	-6.21667	3.291437	0.061609	-12.7409	0.30753
{12}-{14}	2*180	3*60	-6.38167	3.291437	0.055127	-12.9059	0.14253



{12}-{15}	2*180	3*120	-2.93167	3.291437	0.375073	-9.4559	3.59253
{12}-{16}	2*180	3*180	0.30000	3.100876	0.923107	-5.8465	6.44647
{12}-{17}	2*180	4*30	-2.87333	3.291437	0.384615	-9.3975	3.65087
{12}-{18}	2*180	4*60	-5.04500	3.291437	0.128258	-11.5692	1.47920
{12}-{19}	2*180	4*120	-2.75167	3.291437	0.404996	-9.2759	3.77253
{12}-{20}	2*180	4*180	-1.92833	3.100876	0.535340	-8.0748	4.21814
{13}-{14}	3*30	3*60	-0.16500	3.128329	0.958033	-6.3659	6.03589
{13}-{15}	3*30	3*120	3.28500	3.128329	0.296025	-2.9159	9.48589
{13}-{16}	3*30	3*180	6.51667	3.128329	0.039602	0.3158	12.71756
{13}-{17}	3*30	4*30	3.34333	3.100876	0.283351	-2.8031	9.48981
{13}-{18}	3*30	4*60	1.17167	3.291437	0.722554	-5.3525	7.69587
{13}-{19}	3*30	4*120	3.46500	3.291437	0.294814	-3.0592	9.98920
{13}-{20}	3*30	4*180	4.28833	3.291437	0.195388	-2.2359	10.81253
{14}-{15}	3*60	3*120	3.45000	3.128329	0.272555	-2.7509	9.65089
{14}-{16}	3*60	3*180	6.68167	3.128329	0.034950	0.4808	12.88256
{14}-{17}	3*60	4*30	3.50833	3.291437	0.288847	-3.0159	10.03253
{14}-{18}	3*60	4*60	1.33667	3.100876	0.667283	-4.8098	7.48314
{14}-{19}	3*60	4*120	3.63000	3.291437	0.272539	-2.8942	10.15420
{14}-{20}	3*60	4*180	4.45333	3.291437	0.178879	-2.0709	10.97753
{15}-{16}	3*120	3*180	3.23167	3.128329	0.303896	-2.9692	9.43256
{15}-{17}	3*120	4*30	0.05833	3.291437	0.985893	-6.4659	6.58253
{15}-{18}	3*120	4*60	-2.11333	3.291437	0.522188	-8.6375	4.41087
{15}-{19}	3*120	4*120	0.18000	3.100876	0.953818	-5.9665	6.32647
{15}-{20}	3*120	4*180	1.00333	3.291437	0.761081	-5.5209	7.52753
{16}-{17}	3*180	4*30	-3.17333	3.291437	0.337141	-9.6975	3.35087
{16}-{18}	3*180	4*60	-5.34500	3.291437	0.107310	-11.8692	1.17920

{16}-{19}	3*180	4*120	-3.05167	3.291437	0.355914	-9.5759	3.47253
{16}-{20}	3*180	4*180	-2.22833	3.100876	0.473931	-8.3748	3.91814
{17}-{18}	4*30	4*60	-2.17167	3.128329	0.489051	-8.3726	4.02922
{17}-{19}	4*30	4*120	0.12167	3.128329	0.969048	-6.0792	6.32256
{17}-{20}	4*30	4*180	0.94500	3.128329	0.763173	-5.2559	7.14589
{18}-{19}	4*60	4*120	2.29333	3.128329	0.465094	-3.9076	8.49422
{18}-{20}	4*60	4*180	3.11667	3.128329	0.321345	-3.0842	9.31756
{19}-{20}	4*120	4*180	0.82333	3.128329	0.792908	-5.3776	7.02422

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)										
Probabilities for Post Hoc Tests										
Effect: Obese (Y/N)*Time Point										
Cell No.	Obese (Y/N)	Time Point	{1} - 81.333	{2} - 79.137	{3} - 75.603	{4} - 74.710	{5} - 77.120	{6} - 79.064	{7} - 77.948	{8} - 77.636
1	No	30		0.349824	0.019588	0.007906	0.493210	0.711220	0.581350	0.547238
2	No	60	0.349824		0.137556	0.065836	0.742090	0.990529	0.846098	0.806460
3	No	120	0.019588	0.137556		0.701844	0.804440	0.573018	0.702109	0.740121
4	No	180	0.007906	0.065836	0.701844		0.694244	0.479021	0.597816	0.633404
5	Yes	30	0.493210	0.742090	0.804440	0.694244		0.448781	0.745904	0.839867
6	Yes	60	0.711220	0.990529	0.573018	0.479021	0.448781		0.662543	0.576997
7	Yes	120	0.581350	0.846098	0.702109	0.597816	0.745904	0.662543		0.902735
8	Yes	180	0.547238	0.806460	0.740121	0.633404	0.839867	0.576997	0.902735	

**LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)**

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)
Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.19667	2.308793	0.349824	-2.5406	6.93392
{1}-{3}	No*30	No*120	5.73000	2.308793	0.019588	0.9927	10.46725
{1}-{4}	No*30	No*180	6.62333	2.308793	0.007906	1.8861	11.36059
{1}-{5}	No*30	Yes*30	4.21333	6.065411	0.493210	-8.2319	16.65853
{1}-{6}	No*30	Yes*60	2.26933	6.065411	0.711220	-10.1759	14.71453
{1}-{7}	No*30	Yes*120	3.38533	6.065411	0.581350	-9.0599	15.83053
{1}-{8}	No*30	Yes*180	3.69733	6.065411	0.547238	-8.7479	16.14253
{2}-{3}	No*60	No*120	3.53333	2.308793	0.137556	-1.2039	8.27059
{2}-{4}	No*60	No*180	4.42667	2.308793	0.065836	-0.3106	9.16392
{2}-{5}	No*60	Yes*30	2.01667	6.065411	0.742090	-10.4285	14.46186
{2}-{6}	No*60	Yes*60	0.07267	6.065411	0.990529	-12.3725	12.51786
{2}-{7}	No*60	Yes*120	1.18867	6.065411	0.846098	-11.2565	13.63386
{2}-{8}	No*60	Yes*180	1.50067	6.065411	0.806460	-10.9445	13.94586
{3}-{4}	No*120	No*180	0.89333	2.308793	0.701844	-3.8439	5.63059
{3}-{5}	No*120	Yes*30	-1.51667	6.065411	0.804440	-13.9619	10.92853
{3}-{6}	No*120	Yes*60	-3.46067	6.065411	0.573018	-15.9059	8.98453
{3}-{7}	No*120	Yes*120	-2.34467	6.065411	0.702109	-14.7899	10.10053
{3}-{8}	No*120	Yes*180	-2.03267	6.065411	0.740121	-14.4779	10.41253
{4}-{5}	No*180	Yes*30	-2.41000	6.065411	0.694244	-14.8552	10.03520
{4}-{6}	No*180	Yes*60	-4.35400	6.065411	0.479021	-16.7992	8.09120
{4}-{7}	No*180	Yes*120	-3.23800	6.065411	0.597816	-15.6832	9.20720
{4}-{8}	No*180	Yes*180	-2.92600	6.065411	0.633404	-15.3712	9.51920

{5}-{6}	Yes*30	Yes*60	-1.94400	2.529157	0.448781	-7.1334	3.24540
{5}-{7}	Yes*30	Yes*120	-0.82800	2.529157	0.745904	-6.0174	4.36140
{5}-{8}	Yes*30	Yes*180	-0.51600	2.529157	0.839867	-5.7054	4.67340
{6}-{7}	Yes*60	Yes*120	1.11600	2.529157	0.662543	-4.0734	6.30540
{6}-{8}	Yes*60	Yes*180	1.42800	2.529157	0.576997	-3.7614	6.61740
{7}-{8}	Yes*120	Yes*180	0.31200	2.529157	0.902735	-4.8774	5.50140

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\_New\*Obese (Y/N)\*Time Point

Cell No.	Concentration_New	Obese (Y/N)	Time Point	{1} - 83.250	{2} - 82.917	{3} - 79.400	{4} - 78.100	{5} - 76.740	{6} - 79.020	{7} - 80.860	{8} - 80.380	{9} - 81.717	{10} - 78.883	{11} - 77.733	{12} - 72.033	{13} - 81.440	{14} - 74.080	{15} - 73.040	{16} - 83.520	{17} - 81.167	{18} - 79.517	{19} - 73.383	{20} - 73.367	{21} - 73.480	{22} - 77.440	{23} - 75.680	{24} - 74.780	{25} - 82.000	{26} - 77.050	{27} - 74.150	{28} - 74.167	{29} - 78.580	{30} - 83.860	{31} - 79.860	{32} - 73.380	{33} - 78.533	{34} - 77.317	{35} - 73.350	{36} - 75.883	{37} - 75.360	{38} - 80.920	{39} - 80.300	{40} - 76.120
1	0	No	30		0.937161	0.363432	0.224787	0.369451	0.559355	0.741376	0.691906	0.714546	0.327369	0.216558	0.012942	0.802612	0.206981	0.160382	0.970251	0.619314	0.402102	0.028289	0.028029	0.179010	0.422957	0.296969	0.243529	0.765548	0.165286	0.042747	0.043122	0.519306	0.932854	0.639784	0.174639	0.261794	0.184069	0.027772	0.099847	0.277123	0.747642	0.683782	0.325798
2	0	No	60	0.937161		0.406301	0.256035	0.394377	0.590674	0.776394	0.726133	0.787383	0.336885	0.245420	0.015800	0.838398	0.223848	0.174351	0.933587	0.694132	0.417915	0.033946	0.033642	0.194176	0.449976	0.318645	0.262463	0.836757	0.163456	0.050787	0.051221	0.549508	0.896336	0.673008	0.189529	0.325535	0.183278	0.033340	0.115950	0.297817	0.782749	0.717865	0.348827
3	0	No	120	0.363432	0.406301		0.758535	0.713400	0.958141	0.840197	0.892331	0.602749	0.907540	0.690969	0.099847	0.778158	0.463011	0.380542	0.569599	0.691370	0.979077	0.153050	0.176846	0.414257	0.786640	0.607598	0.523781	0.559214	0.597547	0.211966	0.240924	0.909826	0.538232	0.949339	0.406441	0.845544	0.639721	0.150808	0.429883	0.577106	0.833725	0.901072	0.650671
4	0	No	180	0.224787	0.256035	0.758535		0.851008	0.898886	0.703135	0.752876	0.416923	0.860232	0.934309	0.149697	0.644723	0.578991	0.485106	0.454666	0.491064	0.750191	0.290266	0.260122	0.523781	0.927366	0.738249	0.646703	0.381493	0.813428	0.375441	0.348951	0.947140	0.426948	0.807956	0.514852	0.922401	0.860232	0.286888	0.597097	0.705183	0.697001	0.761275	0.784517
5	0	Yes	30	0.369451	0.394377	0.713400	0.851008		0.622721	0.374584	0.432578	0.492308	0.767242	0.890875	0.516038	0.307121	0.585421	0.448292	0.166013	0.541268	0.701429	0.643075	0.641429	0.478158	0.885784	0.827819	0.687639	0.468059	0.965846	0.720617	0.722339	0.688683	0.145966	0.522401	0.490982	0.804392	0.936516	0.639784	0.905812	0.763772	0.391821	0.465606	0.898762
6	0	Yes	60	0.559355	0.590674	0.958141	0.898886	0.622721		0.691272	0.769080	0.709630	0.984939	0.858954	0.335575	0.619665	0.283199	0.221368	0.356724	0.766890	0.945307	0.436885	0.435534	0.257015	0.730798	0.493560	0.385083	0.680745	0.785578	0.501611	0.503073	0.928056	0.293006	0.863151	0.248578	0.946407	0.814022	0.434186	0.664972	0.453201	0.679096	0.792838	0.552096
7	0	Yes	120	0.741376	0.776394	0.840197	0.703135	0.374584	0.691272		0.917460	0.905812	0.784871	0.665974	0.224369	0.905261	0.166013	0.090637	0.585421	0.966214	0.852812	0.302935	0.301864	0.131945	0.483291	0.260589	0.213793	0.874889	0.598949	0.354983	0.356174	0.640040	0.538495	0.827587	0.126843	0.747990	0.624738	0.300796	0.492308	0.260445	0.990176	0.902918	0.331762
8	0	Yes	180	0.691906	0.726133	0.892331	0.752876	0.432578	0.769080	0.917460		0.853534	0.836241	0.714773	0.250418	0.827819	0.197799	0.134031	0.494469	0.913477	0.905083	0.334887	0.333742	0.158710	0.546635	0.335841	0.224132	0.822964	0.645713	0.390321	0.391586	0.711932	0.475667	0.915022	0.129365	0.798700	0.672337	0.332599	0.534902	0.304124	0.911767	0.986902	0.354409
9	1	No	30	0.714	0.787	0.602	0.416	0.492	0.709	0.905	0.853		0.503	0.347	0.023	0.969	0.292	0.232	0.803	0.895	0.621	0.063	0.062	0.256	0.555	0.405	0.339	0.946	0.295	0.091	0.091	0.664	0.767	0.797	0.250	0.448	0.323	0.062	0.191	0.380	0.912	0.844	0.440







Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No*30	0*No*60	0.3333	4.218238	0.937161	-8.0279	8.69461
{1}-{3}	0*No*30	0*No*120	3.8500	4.218238	0.363432	-4.5113	12.21128
{1}-{4}	0*No*30	0*No*180	5.1500	4.218238	0.224787	-3.2113	13.51128
{1}-{5}	0*No*30	0*Yes*30	6.5100	7.223150	0.369451	-7.8075	20.82754
{1}-{6}	0*No*30	0*Yes*60	4.2300	7.223150	0.559355	-10.0875	18.54754
{1}-{7}	0*No*30	0*Yes*120	2.3900	7.223150	0.741376	-11.9275	16.70754
{1}-{8}	0*No*30	0*Yes*180	2.8700	7.223150	0.691906	-11.4475	17.18754
{1}-{9}	0*No*30	1*No*30	1.5333	4.181220	0.714546	-6.7546	9.82124
{1}-{10}	0*No*30	1*No*60	4.3667	4.438173	0.327369	-4.4306	13.16389
{1}-{11}	0*No*30	1*No*120	5.5167	4.438173	0.216558	-3.2806	14.31389
{1}-{12}	0*No*30	1*No*180	11.2167	4.438173	0.012942	2.4194	20.01389
{1}-{13}	0*No*30	1*Yes*30	1.8100	7.223150	0.802612	-12.5075	16.12754
{1}-{14}	0*No*30	1*Yes*60	9.1700	7.223150	0.206981	-5.1475	23.48754
{1}-{15}	0*No*30	1*Yes*120	10.2100	7.223150	0.160382	-4.1075	24.52754
{1}-{16}	0*No*30	1*Yes*180	-0.2700	7.223150	0.970251	-14.5875	14.04754
{1}-{17}	0*No*30	2*No*30	2.0833	4.181220	0.619314	-6.2046	10.37124
{1}-{18}	0*No*30	2*No*60	3.7333	4.438173	0.402102	-5.0639	12.53056
{1}-{19}	0*No*30	2*No*120	9.8667	4.438173	0.028289	1.0694	18.66389
{1}-{20}	0*No*30	2*No*180	9.8833	4.438173	0.028029	1.0861	18.68056
{1}-{21}	0*No*30	2*Yes*30	9.7700	7.223150	0.179010	-4.5475	24.08754
{1}-{22}	0*No*30	2*Yes*60	5.8100	7.223150	0.422957	-8.5075	20.12754
{1}-{23}	0*No*30	2*Yes*120	7.5700	7.223150	0.296969	-6.7475	21.88754
{1}-{24}	0*No*30	2*Yes*180	8.4700	7.223150	0.243529	-5.8475	22.78754

{1}-{25}	0*No*30	3*No*30	1.2500	4.181220	0.765548	-7.0379	9.53790
{1}-{26}	0*No*30	3*No*60	6.2000	4.438173	0.165286	-2.5972	14.99723
{1}-{27}	0*No*30	3*No*120	9.1000	4.438173	0.042747	0.3028	17.89723
{1}-{28}	0*No*30	3*No*180	9.0833	4.438173	0.043122	0.2861	17.88056
{1}-{29}	0*No*30	3*Yes*30	4.6700	7.223150	0.519306	-9.6475	18.98754
{1}-{30}	0*No*30	3*Yes*60	-0.6100	7.223150	0.932854	-14.9275	13.70754
{1}-{31}	0*No*30	3*Yes*120	3.3900	7.223150	0.639784	-10.9275	17.70754
{1}-{32}	0*No*30	3*Yes*180	9.8700	7.223150	0.174639	-4.4475	24.18754
{1}-{33}	0*No*30	4*No*30	4.7167	4.181220	0.261794	-3.5712	13.00457
{1}-{34}	0*No*30	4*No*60	5.9333	4.438173	0.184069	-2.8639	14.73056
{1}-{35}	0*No*30	4*No*120	9.9000	4.438173	0.027772	1.1028	18.69723
{1}-{36}	0*No*30	4*No*180	7.3667	4.438173	0.099847	-1.4306	16.16389
{1}-{37}	0*No*30	4*Yes*30	7.8900	7.223150	0.277123	-6.4275	22.20754
{1}-{38}	0*No*30	4*Yes*60	2.3300	7.223150	0.747642	-11.9875	16.64754
{1}-{39}	0*No*30	4*Yes*120	2.9500	7.223150	0.683782	-11.3675	17.26754
{1}-{40}	0*No*30	4*Yes*180	7.1300	7.223150	0.325798	-7.1875	21.44754
{2}-{3}	0*No*60	0*No*120	3.5167	4.218238	0.406301	-4.8446	11.87795
{2}-{4}	0*No*60	0*No*180	4.8167	4.218238	0.256035	-3.5446	13.17795
{2}-{5}	0*No*60	0*Yes*30	6.1767	7.223150	0.394377	-8.1409	20.49420
{2}-{6}	0*No*60	0*Yes*60	3.8967	7.223150	0.590674	-10.4209	18.21420
{2}-{7}	0*No*60	0*Yes*120	2.0567	7.223150	0.776394	-12.2609	16.37420
{2}-{8}	0*No*60	0*Yes*180	2.5367	7.223150	0.726133	-11.7809	16.85420
{2}-{9}	0*No*60	1*No*30	1.2000	4.438173	0.787383	-7.5972	9.99723
{2}-{10}	0*No*60	1*No*60	4.0333	4.181220	0.336885	-4.2546	12.32124
{2}-{11}	0*No*60	1*No*120	5.1833	4.438173	0.245420	-3.6139	13.98056
{2}-{12}	0*No*60	1*No*180	10.8833	4.438173	0.015800	2.0861	19.68056



{2}-{13}	0*No*60	1*Yes*30	1.4767	7.223150	0.838398	-12.8409	15.79420
{2}-{14}	0*No*60	1*Yes*60	8.8367	7.223150	0.223848	-5.4809	23.15420
{2}-{15}	0*No*60	1*Yes*120	9.8767	7.223150	0.174351	-4.4409	24.19420
{2}-{16}	0*No*60	1*Yes*180	-0.6033	7.223150	0.933587	-14.9209	13.71420
{2}-{17}	0*No*60	2*No*30	1.7500	4.438173	0.694132	-7.0472	10.54723
{2}-{18}	0*No*60	2*No*60	3.4000	4.181220	0.417915	-4.8879	11.68790
{2}-{19}	0*No*60	2*No*120	9.5333	4.438173	0.033946	0.7361	18.33056
{2}-{20}	0*No*60	2*No*180	9.5500	4.438173	0.033642	0.7528	18.34723
{2}-{21}	0*No*60	2*Yes*30	9.4367	7.223150	0.194176	-4.8809	23.75420
{2}-{22}	0*No*60	2*Yes*60	5.4767	7.223150	0.449976	-8.8409	19.79420
{2}-{23}	0*No*60	2*Yes*120	7.2367	7.223150	0.318645	-7.0809	21.55420
{2}-{24}	0*No*60	2*Yes*180	8.1367	7.223150	0.262463	-6.1809	22.45420
{2}-{25}	0*No*60	3*No*30	0.9167	4.438173	0.836757	-7.8806	9.71389
{2}-{26}	0*No*60	3*No*60	5.8667	4.181220	0.163456	-2.4212	14.15457
{2}-{27}	0*No*60	3*No*120	8.7667	4.438173	0.050787	-0.0306	17.56389
{2}-{28}	0*No*60	3*No*180	8.7500	4.438173	0.051221	-0.0472	17.54723
{2}-{29}	0*No*60	3*Yes*30	4.3367	7.223150	0.549508	-9.9809	18.65420
{2}-{30}	0*No*60	3*Yes*60	-0.9433	7.223150	0.896336	-15.2609	13.37420
{2}-{31}	0*No*60	3*Yes*120	3.0567	7.223150	0.673008	-11.2609	17.37420
{2}-{32}	0*No*60	3*Yes*180	9.5367	7.223150	0.189529	-4.7809	23.85420
{2}-{33}	0*No*60	4*No*30	4.3833	4.438173	0.325535	-4.4139	13.18056
{2}-{34}	0*No*60	4*No*60	5.6000	4.181220	0.183278	-2.6879	13.88790
{2}-{35}	0*No*60	4*No*120	9.5667	4.438173	0.033340	0.7694	18.36389
{2}-{36}	0*No*60	4*No*180	7.0333	4.438173	0.115950	-1.7639	15.83056
{2}-{37}	0*No*60	4*Yes*30	7.5567	7.223150	0.297817	-6.7609	21.87420
{2}-{38}	0*No*60	4*Yes*60	1.9967	7.223150	0.782749	-12.3209	16.31420

{2}-{39}	0*No*60	4*Yes*120	2.6167	7.223150	0.717865	-11.7009	16.93420
{2}-{40}	0*No*60	4*Yes*180	6.7967	7.223150	0.348827	-7.5209	21.11420
{3}-{4}	0*No*120	0*No*180	1.3000	4.218238	0.758535	-7.0613	9.66128
{3}-{5}	0*No*120	0*Yes*30	2.6600	7.223150	0.713400	-11.6575	16.97754
{3}-{6}	0*No*120	0*Yes*60	0.3800	7.223150	0.958141	-13.9375	14.69754
{3}-{7}	0*No*120	0*Yes*120	-1.4600	7.223150	0.840197	-15.7775	12.85754
{3}-{8}	0*No*120	0*Yes*180	-0.9800	7.223150	0.892331	-15.2975	13.33754
{3}-{9}	0*No*120	1*No*30	-2.3167	4.438173	0.602749	-11.1139	6.48056
{3}-{10}	0*No*120	1*No*60	0.5167	4.438173	0.907540	-8.2806	9.31389
{3}-{11}	0*No*120	1*No*120	1.6667	4.181220	0.690969	-6.6212	9.95457
{3}-{12}	0*No*120	1*No*180	7.3667	4.438173	0.099847	-1.4306	16.16389
{3}-{13}	0*No*120	1*Yes*30	-2.0400	7.223150	0.778158	-16.3575	12.27754
{3}-{14}	0*No*120	1*Yes*60	5.3200	7.223150	0.463011	-8.9975	19.63754
{3}-{15}	0*No*120	1*Yes*120	6.3600	7.223150	0.380542	-7.9575	20.67754
{3}-{16}	0*No*120	1*Yes*180	-4.1200	7.223150	0.569599	-18.4375	10.19754
{3}-{17}	0*No*120	2*No*30	-1.7667	4.438173	0.691370	-10.5639	7.03056
{3}-{18}	0*No*120	2*No*60	-0.1167	4.438173	0.979077	-8.9139	8.68056
{3}-{19}	0*No*120	2*No*120	6.0167	4.181220	0.153050	-2.2712	14.30457
{3}-{20}	0*No*120	2*No*180	6.0333	4.438173	0.176846	-2.7639	14.83056
{3}-{21}	0*No*120	2*Yes*30	5.9200	7.223150	0.414257	-8.3975	20.23754
{3}-{22}	0*No*120	2*Yes*60	1.9600	7.223150	0.786640	-12.3575	16.27754
{3}-{23}	0*No*120	2*Yes*120	3.7200	7.223150	0.607598	-10.5975	18.03754
{3}-{24}	0*No*120	2*Yes*180	4.6200	7.223150	0.523781	-9.6975	18.93754
{3}-{25}	0*No*120	3*No*30	-2.6000	4.438173	0.559214	-11.3972	6.19723
{3}-{26}	0*No*120	3*No*60	2.3500	4.438173	0.597547	-6.4472	11.14723
{3}-{27}	0*No*120	3*No*120	5.2500	4.181220	0.211966	-3.0379	13.53790

{3}-{28}	0*No*120	3*No*180	5.2333	4.438173	0.240924	-3.5639	14.03056
{3}-{29}	0*No*120	3*Yes*30	0.8200	7.223150	0.909826	-13.4975	15.13754
{3}-{30}	0*No*120	3*Yes*60	-4.4600	7.223150	0.538232	-18.7775	9.85754
{3}-{31}	0*No*120	3*Yes*120	-0.4600	7.223150	0.949339	-14.7775	13.85754
{3}-{32}	0*No*120	3*Yes*180	6.0200	7.223150	0.406441	-8.2975	20.33754
{3}-{33}	0*No*120	4*No*30	0.8667	4.438173	0.845544	-7.9306	9.66389
{3}-{34}	0*No*120	4*No*60	2.0833	4.438173	0.639721	-6.7139	10.88056
{3}-{35}	0*No*120	4*No*120	6.0500	4.181220	0.150808	-2.2379	14.33790
{3}-{36}	0*No*120	4*No*180	3.5167	4.438173	0.429883	-5.2806	12.31389
{3}-{37}	0*No*120	4*Yes*30	4.0400	7.223150	0.577106	-10.2775	18.35754
{3}-{38}	0*No*120	4*Yes*60	-1.5200	7.223150	0.833725	-15.8375	12.79754
{3}-{39}	0*No*120	4*Yes*120	-0.9000	7.223150	0.901072	-15.2175	13.41754
{3}-{40}	0*No*120	4*Yes*180	3.2800	7.223150	0.650671	-11.0375	17.59754
{4}-{5}	0*No*180	0*Yes*30	1.3600	7.223150	0.851008	-12.9575	15.67754
{4}-{6}	0*No*180	0*Yes*60	-0.9200	7.223150	0.898886	-15.2375	13.39754
{4}-{7}	0*No*180	0*Yes*120	-2.7600	7.223150	0.703135	-17.0775	11.55754
{4}-{8}	0*No*180	0*Yes*180	-2.2800	7.223150	0.752876	-16.5975	12.03754
{4}-{9}	0*No*180	1*No*30	-3.6167	4.438173	0.416923	-12.4139	5.18056
{4}-{10}	0*No*180	1*No*60	-0.7833	4.438173	0.860232	-9.5806	8.01389
{4}-{11}	0*No*180	1*No*120	0.3667	4.438173	0.934309	-8.4306	9.16389
{4}-{12}	0*No*180	1*No*180	6.0667	4.181220	0.149697	-2.2212	14.35457
{4}-{13}	0*No*180	1*Yes*30	-3.3400	7.223150	0.644723	-17.6575	10.97754
{4}-{14}	0*No*180	1*Yes*60	4.0200	7.223150	0.578991	-10.2975	18.33754
{4}-{15}	0*No*180	1*Yes*120	5.0600	7.223150	0.485106	-9.2575	19.37754
{4}-{16}	0*No*180	1*Yes*180	-5.4200	7.223150	0.454666	-19.7375	8.89754
{4}-{17}	0*No*180	2*No*30	-3.0667	4.438173	0.491064	-11.8639	5.73056

{4}-{18}	0*No*180	2*No*60	-1.4167	4.438173	0.750191	-10.2139	7.38056
{4}-{19}	0*No*180	2*No*120	4.7167	4.438173	0.290266	-4.0806	13.51389
{4}-{20}	0*No*180	2*No*180	4.7333	4.181220	0.260122	-3.5546	13.02124
{4}-{21}	0*No*180	2*Yes*30	4.6200	7.223150	0.523781	-9.6975	18.93754
{4}-{22}	0*No*180	2*Yes*60	0.6600	7.223150	0.927366	-13.6575	14.97754
{4}-{23}	0*No*180	2*Yes*120	2.4200	7.223150	0.738249	-11.8975	16.73754
{4}-{24}	0*No*180	2*Yes*180	3.3200	7.223150	0.646703	-10.9975	17.63754
{4}-{25}	0*No*180	3*No*30	-3.9000	4.438173	0.381493	-12.6972	4.89723
{4}-{26}	0*No*180	3*No*60	1.0500	4.438173	0.813428	-7.7472	9.84723
{4}-{27}	0*No*180	3*No*120	3.9500	4.438173	0.375441	-4.8472	12.74723
{4}-{28}	0*No*180	3*No*180	3.9333	4.181220	0.348951	-4.3546	12.22124
{4}-{29}	0*No*180	3*Yes*30	-0.4800	7.223150	0.947140	-14.7975	13.83754
{4}-{30}	0*No*180	3*Yes*60	-5.7600	7.223150	0.426948	-20.0775	8.55754
{4}-{31}	0*No*180	3*Yes*120	-1.7600	7.223150	0.807956	-16.0775	12.55754
{4}-{32}	0*No*180	3*Yes*180	4.7200	7.223150	0.514852	-9.5975	19.03754
{4}-{33}	0*No*180	4*No*30	-0.4333	4.438173	0.922401	-9.2306	8.36389
{4}-{34}	0*No*180	4*No*60	0.7833	4.438173	0.860232	-8.0139	9.58056
{4}-{35}	0*No*180	4*No*120	4.7500	4.438173	0.286888	-4.0472	13.54723
{4}-{36}	0*No*180	4*No*180	2.2167	4.181220	0.597097	-6.0712	10.50457
{4}-{37}	0*No*180	4*Yes*30	2.7400	7.223150	0.705183	-11.5775	17.05754
{4}-{38}	0*No*180	4*Yes*60	-2.8200	7.223150	0.697001	-17.1375	11.49754
{4}-{39}	0*No*180	4*Yes*120	-2.2000	7.223150	0.761275	-16.5175	12.11754
{4}-{40}	0*No*180	4*Yes*180	1.9800	7.223150	0.784517	-12.3375	16.29754
{5}-{6}	0*Yes*30	0*Yes*60	-2.2800	4.620848	0.622721	-11.4393	6.87932
{5}-{7}	0*Yes*30	0*Yes*120	-4.1200	4.620848	0.374584	-13.2793	5.03932
{5}-{8}	0*Yes*30	0*Yes*180	-3.6400	4.620848	0.432578	-12.7993	5.51932

{5}-{9}	0*Yes*30	1*No*30	-4.9767	7.223150	0.492308	-19.2942	9.34087
{5}-{10}	0*Yes*30	1*No*60	-2.1433	7.223150	0.767242	-16.4609	12.17420
{5}-{11}	0*Yes*30	1*No*120	-0.9933	7.223150	0.890875	-15.3109	13.32420
{5}-{12}	0*Yes*30	1*No*180	4.7067	7.223150	0.516038	-9.6109	19.02420
{5}-{13}	0*Yes*30	1*Yes*30	-4.7000	4.580297	0.307121	-13.7789	4.37894
{5}-{14}	0*Yes*30	1*Yes*60	2.6600	4.861775	0.585421	-6.9769	12.29688
{5}-{15}	0*Yes*30	1*Yes*120	3.7000	4.861775	0.448292	-5.9369	13.33688
{5}-{16}	0*Yes*30	1*Yes*180	-6.7800	4.861775	0.166013	-16.4169	2.85688
{5}-{17}	0*Yes*30	2*No*30	-4.4267	7.223150	0.541268	-18.7442	9.89087
{5}-{18}	0*Yes*30	2*No*60	-2.7767	7.223150	0.701429	-17.0942	11.54087
{5}-{19}	0*Yes*30	2*No*120	3.3567	7.223150	0.643075	-10.9609	17.67420
{5}-{20}	0*Yes*30	2*No*180	3.3733	7.223150	0.641429	-10.9442	17.69087
{5}-{21}	0*Yes*30	2*Yes*30	3.2600	4.580297	0.478158	-5.8189	12.33894
{5}-{22}	0*Yes*30	2*Yes*60	-0.7000	4.861775	0.885784	-10.3369	8.93688
{5}-{23}	0*Yes*30	2*Yes*120	1.0600	4.861775	0.827819	-8.5769	10.69688
{5}-{24}	0*Yes*30	2*Yes*180	1.9600	4.861775	0.687639	-7.6769	11.59688
{5}-{25}	0*Yes*30	3*No*30	-5.2600	7.223150	0.468059	-19.5775	9.05754
{5}-{26}	0*Yes*30	3*No*60	-0.3100	7.223150	0.965846	-14.6275	14.00754
{5}-{27}	0*Yes*30	3*No*120	2.5900	7.223150	0.720617	-11.7275	16.90754
{5}-{28}	0*Yes*30	3*No*180	2.5733	7.223150	0.722339	-11.7442	16.89087
{5}-{29}	0*Yes*30	3*Yes*30	-1.8400	4.580297	0.688683	-10.9189	7.23894
{5}-{30}	0*Yes*30	3*Yes*60	-7.1200	4.861775	0.145966	-16.7569	2.51688
{5}-{31}	0*Yes*30	3*Yes*120	-3.1200	4.861775	0.522401	-12.7569	6.51688
{5}-{32}	0*Yes*30	3*Yes*180	3.3600	4.861775	0.490982	-6.2769	12.99688
{5}-{33}	0*Yes*30	4*No*30	-1.7933	7.223150	0.804392	-16.1109	12.52420
{5}-{34}	0*Yes*30	4*No*60	-0.5767	7.223150	0.936516	-14.8942	13.74087

{5}-{35}	0*Yes*30	4*No*120	3.3900	7.223150	0.639784	-10.9275	17.70754
{5}-{36}	0*Yes*30	4*No*180	0.8567	7.223150	0.905812	-13.4609	15.17420
{5}-{37}	0*Yes*30	4*Yes*30	1.3800	4.580297	0.763772	-7.6989	10.45894
{5}-{38}	0*Yes*30	4*Yes*60	-4.1800	4.861775	0.391821	-13.8169	5.45688
{5}-{39}	0*Yes*30	4*Yes*120	-3.5600	4.861775	0.465606	-13.1969	6.07688
{5}-{40}	0*Yes*30	4*Yes*180	0.6200	4.861775	0.898762	-9.0169	10.25688
{6}-{7}	0*Yes*60	0*Yes*120	-1.8400	4.620848	0.691272	-10.9993	7.31932
{6}-{8}	0*Yes*60	0*Yes*180	-1.3600	4.620848	0.769080	-10.5193	7.79932
{6}-{9}	0*Yes*60	1*No*30	-2.6967	7.223150	0.709630	-17.0142	11.62087
{6}-{10}	0*Yes*60	1*No*60	0.1367	7.223150	0.984939	-14.1809	14.45420
{6}-{11}	0*Yes*60	1*No*120	1.2867	7.223150	0.858954	-13.0309	15.60420
{6}-{12}	0*Yes*60	1*No*180	6.9867	7.223150	0.335575	-7.3309	21.30420
{6}-{13}	0*Yes*60	1*Yes*30	-2.4200	4.861775	0.619665	-12.0569	7.21688
{6}-{14}	0*Yes*60	1*Yes*60	4.9400	4.580297	0.283199	-4.1389	14.01894
{6}-{15}	0*Yes*60	1*Yes*120	5.9800	4.861775	0.221368	-3.6569	15.61688
{6}-{16}	0*Yes*60	1*Yes*180	-4.5000	4.861775	0.356724	-14.1369	5.13688
{6}-{17}	0*Yes*60	2*No*30	-2.1467	7.223150	0.766890	-16.4642	12.17087
{6}-{18}	0*Yes*60	2*No*60	-0.4967	7.223150	0.945307	-14.8142	13.82087
{6}-{19}	0*Yes*60	2*No*120	5.6367	7.223150	0.436885	-8.6809	19.95420
{6}-{20}	0*Yes*60	2*No*180	5.6533	7.223150	0.435534	-8.6642	19.97087
{6}-{21}	0*Yes*60	2*Yes*30	5.5400	4.861775	0.257015	-4.0969	15.17688
{6}-{22}	0*Yes*60	2*Yes*60	1.5800	4.580297	0.730798	-7.4989	10.65894
{6}-{23}	0*Yes*60	2*Yes*120	3.3400	4.861775	0.493560	-6.2969	12.97688
{6}-{24}	0*Yes*60	2*Yes*180	4.2400	4.861775	0.385083	-5.3969	13.87688
{6}-{25}	0*Yes*60	3*No*30	-2.9800	7.223150	0.680745	-17.2975	11.33754
{6}-{26}	0*Yes*60	3*No*60	1.9700	7.223150	0.785578	-12.3475	16.28754

{6}-{27}	0*Yes*60	3*No*120	4.8700	7.223150	0.501611	-9.4475	19.18754
{6}-{28}	0*Yes*60	3*No*180	4.8533	7.223150	0.503073	-9.4642	19.17087
{6}-{29}	0*Yes*60	3*Yes*30	0.4400	4.861775	0.928056	-9.1969	10.07688
{6}-{30}	0*Yes*60	3*Yes*60	-4.8400	4.580297	0.293006	-13.9189	4.23894
{6}-{31}	0*Yes*60	3*Yes*120	-0.8400	4.861775	0.863151	-10.4769	8.79688
{6}-{32}	0*Yes*60	3*Yes*180	5.6400	4.861775	0.248578	-3.9969	15.27688
{6}-{33}	0*Yes*60	4*No*30	0.4867	7.223150	0.946407	-13.8309	14.80420
{6}-{34}	0*Yes*60	4*No*60	1.7033	7.223150	0.814022	-12.6142	16.02087
{6}-{35}	0*Yes*60	4*No*120	5.6700	7.223150	0.434186	-8.6475	19.98754
{6}-{36}	0*Yes*60	4*No*180	3.1367	7.223150	0.664972	-11.1809	17.45420
{6}-{37}	0*Yes*60	4*Yes*30	3.6600	4.861775	0.453201	-5.9769	13.29688
{6}-{38}	0*Yes*60	4*Yes*60	-1.9000	4.580297	0.679096	-10.9789	7.17894
{6}-{39}	0*Yes*60	4*Yes*120	-1.2800	4.861775	0.792838	-10.9169	8.35688
{6}-{40}	0*Yes*60	4*Yes*180	2.9000	4.861775	0.552096	-6.7369	12.53688
{7}-{8}	0*Yes*120	0*Yes*180	0.4800	4.620848	0.917460	-8.6793	9.63932
{7}-{9}	0*Yes*120	1*No*30	-0.8567	7.223150	0.905812	-15.1742	13.46087
{7}-{10}	0*Yes*120	1*No*60	1.9767	7.223150	0.784871	-12.3409	16.29420
{7}-{11}	0*Yes*120	1*No*120	3.1267	7.223150	0.665974	-11.1909	17.44420
{7}-{12}	0*Yes*120	1*No*180	8.8267	7.223150	0.224369	-5.4909	23.14420
{7}-{13}	0*Yes*120	1*Yes*30	-0.5800	4.861775	0.905261	-10.2169	9.05688
{7}-{14}	0*Yes*120	1*Yes*60	6.7800	4.861775	0.166013	-2.8569	16.41688
{7}-{15}	0*Yes*120	1*Yes*120	7.8200	4.580297	0.090637	-1.2589	16.89894
{7}-{16}	0*Yes*120	1*Yes*180	-2.6600	4.861775	0.585421	-12.2969	6.97688
{7}-{17}	0*Yes*120	2*No*30	-0.3067	7.223150	0.966214	-14.6242	14.01087
{7}-{18}	0*Yes*120	2*No*60	1.3433	7.223150	0.852812	-12.9742	15.66087
{7}-{19}	0*Yes*120	2*No*120	7.4767	7.223150	0.302935	-6.8409	21.79420

{7}-{20}	0*Yes*120	2*No*180	7.4933	7.223150	0.301864	-6.8242	21.81087
{7}-{21}	0*Yes*120	2*Yes*30	7.3800	4.861775	0.131945	-2.2569	17.01688
{7}-{22}	0*Yes*120	2*Yes*60	3.4200	4.861775	0.483291	-6.2169	13.05688
{7}-{23}	0*Yes*120	2*Yes*120	5.1800	4.580297	0.260589	-3.8989	14.25894
{7}-{24}	0*Yes*120	2*Yes*180	6.0800	4.861775	0.213793	-3.5569	15.71688
{7}-{25}	0*Yes*120	3*No*30	-1.1400	7.223150	0.874889	-15.4575	13.17754
{7}-{26}	0*Yes*120	3*No*60	3.8100	7.223150	0.598949	-10.5075	18.12754
{7}-{27}	0*Yes*120	3*No*120	6.7100	7.223150	0.354983	-7.6075	21.02754
{7}-{28}	0*Yes*120	3*No*180	6.6933	7.223150	0.356174	-7.6242	21.01087
{7}-{29}	0*Yes*120	3*Yes*30	2.2800	4.861775	0.640040	-7.3569	11.91688
{7}-{30}	0*Yes*120	3*Yes*60	-3.0000	4.861775	0.538495	-12.6369	6.63688
{7}-{31}	0*Yes*120	3*Yes*120	1.0000	4.580297	0.827587	-8.0789	10.07894
{7}-{32}	0*Yes*120	3*Yes*180	7.4800	4.861775	0.126843	-2.1569	17.11688
{7}-{33}	0*Yes*120	4*No*30	2.3267	7.223150	0.747990	-11.9909	16.64420
{7}-{34}	0*Yes*120	4*No*60	3.5433	7.223150	0.624738	-10.7742	17.86087
{7}-{35}	0*Yes*120	4*No*120	7.5100	7.223150	0.300796	-6.8075	21.82754
{7}-{36}	0*Yes*120	4*No*180	4.9767	7.223150	0.492308	-9.3409	19.29420
{7}-{37}	0*Yes*120	4*Yes*30	5.5000	4.861775	0.260445	-4.1369	15.13688
{7}-{38}	0*Yes*120	4*Yes*60	-0.0600	4.861775	0.990176	-9.6969	9.57688
{7}-{39}	0*Yes*120	4*Yes*120	0.5600	4.580297	0.902918	-8.5189	9.63894
{7}-{40}	0*Yes*120	4*Yes*180	4.7400	4.861775	0.331762	-4.8969	14.37688
{8}-{9}	0*Yes*180	1*No*30	-1.3367	7.223150	0.853534	-15.6542	12.98087
{8}-{10}	0*Yes*180	1*No*60	1.4967	7.223150	0.836241	-12.8209	15.81420
{8}-{11}	0*Yes*180	1*No*120	2.6467	7.223150	0.714773	-11.6709	16.96420
{8}-{12}	0*Yes*180	1*No*180	8.3467	7.223150	0.250418	-5.9709	22.66420
{8}-{13}	0*Yes*180	1*Yes*30	-1.0600	4.861775	0.827819	-10.6969	8.57688



{8}-{14}	0*Yes*180	1*Yes*60	6.3000	4.861775	0.197799	-3.3369	15.93688
{8}-{15}	0*Yes*180	1*Yes*120	7.3400	4.861775	0.134031	-2.2969	16.97688
{8}-{16}	0*Yes*180	1*Yes*180	-3.1400	4.580297	0.494469	-12.2189	5.93894
{8}-{17}	0*Yes*180	2*No*30	-0.7867	7.223150	0.913477	-15.1042	13.53087
{8}-{18}	0*Yes*180	2*No*60	0.8633	7.223150	0.905083	-13.4542	15.18087
{8}-{19}	0*Yes*180	2*No*120	6.9967	7.223150	0.334887	-7.3209	21.31420
{8}-{20}	0*Yes*180	2*No*180	7.0133	7.223150	0.333742	-7.3042	21.33087
{8}-{21}	0*Yes*180	2*Yes*30	6.9000	4.861775	0.158710	-2.7369	16.53688
{8}-{22}	0*Yes*180	2*Yes*60	2.9400	4.861775	0.546635	-6.6969	12.57688
{8}-{23}	0*Yes*180	2*Yes*120	4.7000	4.861775	0.335841	-4.9369	14.33688
{8}-{24}	0*Yes*180	2*Yes*180	5.6000	4.580297	0.224132	-3.4789	14.67894
{8}-{25}	0*Yes*180	3*No*30	-1.6200	7.223150	0.822964	-15.9375	12.69754
{8}-{26}	0*Yes*180	3*No*60	3.3300	7.223150	0.645713	-10.9875	17.64754
{8}-{27}	0*Yes*180	3*No*120	6.2300	7.223150	0.390321	-8.0875	20.54754
{8}-{28}	0*Yes*180	3*No*180	6.2133	7.223150	0.391586	-8.1042	20.53087
{8}-{29}	0*Yes*180	3*Yes*30	1.8000	4.861775	0.711932	-7.8369	11.43688
{8}-{30}	0*Yes*180	3*Yes*60	-3.4800	4.861775	0.475667	-13.1169	6.15688
{8}-{31}	0*Yes*180	3*Yes*120	0.5200	4.861775	0.915022	-9.1169	10.15688
{8}-{32}	0*Yes*180	3*Yes*180	7.0000	4.580297	0.129365	-2.0789	16.07894
{8}-{33}	0*Yes*180	4*No*30	1.8467	7.223150	0.798700	-12.4709	16.16420
{8}-{34}	0*Yes*180	4*No*60	3.0633	7.223150	0.672337	-11.2542	17.38087
{8}-{35}	0*Yes*180	4*No*120	7.0300	7.223150	0.332599	-7.2875	21.34754
{8}-{36}	0*Yes*180	4*No*180	4.4967	7.223150	0.534902	-9.8209	18.81420
{8}-{37}	0*Yes*180	4*Yes*30	5.0200	4.861775	0.304124	-4.6169	14.65688
{8}-{38}	0*Yes*180	4*Yes*60	-0.5400	4.861775	0.911767	-10.1769	9.09688
{8}-{39}	0*Yes*180	4*Yes*120	0.0800	4.861775	0.986902	-9.5569	9.71688

{8}-{40}	0*Yes*180	4*Yes*180	4.2600	4.580297	0.354409	-4.8189	13.33894
{9}-{10}	1*No*30	1*No*60	2.8333	4.218238	0.503218	-5.5279	11.19461
{9}-{11}	1*No*30	1*No*120	3.9833	4.218238	0.347118	-4.3779	12.34461
{9}-{12}	1*No*30	1*No*180	9.6833	4.218238	0.023631	1.3221	18.04461
{9}-{13}	1*No*30	1*Yes*30	0.2767	7.223150	0.969517	-14.0409	14.59420
{9}-{14}	1*No*30	1*Yes*60	7.6367	7.223150	0.292757	-6.6809	21.95420
{9}-{15}	1*No*30	1*Yes*120	8.6767	7.223150	0.232290	-5.6409	22.99420
{9}-{16}	1*No*30	1*Yes*180	-1.8033	7.223150	0.803324	-16.1209	12.51420
{9}-{17}	1*No*30	2*No*30	0.5500	4.181220	0.895592	-7.7379	8.83790
{9}-{18}	1*No*30	2*No*60	2.2000	4.438173	0.621114	-6.5972	10.99723
{9}-{19}	1*No*30	2*No*120	8.3333	4.438173	0.063127	-0.4639	17.13056
{9}-{20}	1*No*30	2*No*180	8.3500	4.438173	0.062610	-0.4472	17.14723
{9}-{21}	1*No*30	2*Yes*30	8.2367	7.223150	0.256678	-6.0809	22.55420
{9}-{22}	1*No*30	2*Yes*60	4.2767	7.223150	0.555036	-10.0409	18.59420
{9}-{23}	1*No*30	2*Yes*120	6.0367	7.223150	0.405147	-8.2809	20.35420
{9}-{24}	1*No*30	2*Yes*180	6.9367	7.223150	0.339030	-7.3809	21.25420
{9}-{25}	1*No*30	3*No*30	-0.2833	4.181220	0.946099	-8.5712	8.00457
{9}-{26}	1*No*30	3*No*60	4.6667	4.438173	0.295383	-4.1306	13.46389
{9}-{27}	1*No*30	3*No*120	7.5667	4.438173	0.091087	-1.2306	16.36389
{9}-{28}	1*No*30	3*No*180	7.5500	4.438173	0.091792	-1.2472	16.34723
{9}-{29}	1*No*30	3*Yes*30	3.1367	7.223150	0.664972	-11.1809	17.45420
{9}-{30}	1*No*30	3*Yes*60	-2.1433	7.223150	0.767242	-16.4609	12.17420
{9}-{31}	1*No*30	3*Yes*120	1.8567	7.223150	0.797634	-12.4609	16.17420
{9}-{32}	1*No*30	3*Yes*180	8.3367	7.223150	0.250982	-5.9809	22.65420
{9}-{33}	1*No*30	4*No*30	3.1833	4.181220	0.448113	-5.1046	11.47124
{9}-{34}	1*No*30	4*No*60	4.4000	4.438173	0.323707	-4.3972	13.19723

{9}-{35}	1*No*30	4*No*120	8.3667	4.438173	0.062096	-0.4306	17.16389
{9}-{36}	1*No*30	4*No*180	5.8333	4.438173	0.191511	-2.9639	14.63056
{9}-{37}	1*No*30	4*Yes*30	6.3567	7.223150	0.380791	-7.9609	20.67420
{9}-{38}	1*No*30	4*Yes*60	0.7967	7.223150	0.912381	-13.5209	15.11420
{9}-{39}	1*No*30	4*Yes*120	1.4167	7.223150	0.844878	-12.9009	15.73420
{9}-{40}	1*No*30	4*Yes*180	5.5967	7.223150	0.440137	-8.7209	19.91420
{10}-{11}	1*No*60	1*No*120	1.1500	4.218238	0.785662	-7.2113	9.51128
{10}-{12}	1*No*60	1*No*180	6.8500	4.218238	0.107312	-1.5113	15.21128
{10}-{13}	1*No*60	1*Yes*30	-2.5567	7.223150	0.724063	-16.8742	11.76087
{10}-{14}	1*No*60	1*Yes*60	4.8033	7.223150	0.507474	-9.5142	19.12087
{10}-{15}	1*No*60	1*Yes*120	5.8433	7.223150	0.420309	-8.4742	20.16087
{10}-{16}	1*No*60	1*Yes*180	-4.6367	7.223150	0.522287	-18.9542	9.68087
{10}-{17}	1*No*60	2*No*30	-2.2833	4.438173	0.607970	-11.0806	6.51389
{10}-{18}	1*No*60	2*No*60	-0.6333	4.181220	0.879887	-8.9212	7.65457
{10}-{19}	1*No*60	2*No*120	5.5000	4.438173	0.217940	-3.2972	14.29723
{10}-{20}	1*No*60	2*No*180	5.5167	4.438173	0.216558	-3.2806	14.31389
{10}-{21}	1*No*60	2*Yes*30	5.4033	7.223150	0.456051	-8.9142	19.72087
{10}-{22}	1*No*60	2*Yes*60	1.4433	7.223150	0.841997	-12.8742	15.76087
{10}-{23}	1*No*60	2*Yes*120	3.2033	7.223150	0.658305	-11.1142	17.52087
{10}-{24}	1*No*60	2*Yes*180	4.1033	7.223150	0.571159	-10.2142	18.42087
{10}-{25}	1*No*60	3*No*30	-3.1167	4.438173	0.484040	-11.9139	5.68056
{10}-{26}	1*No*60	3*No*60	1.8333	4.181220	0.661923	-6.4546	10.12124
{10}-{27}	1*No*60	3*No*120	4.7333	4.438173	0.288574	-4.0639	13.53056
{10}-{28}	1*No*60	3*No*180	4.7167	4.438173	0.290266	-4.0806	13.51389
{10}-{29}	1*No*60	3*Yes*30	0.3033	7.223150	0.966581	-14.0142	14.62087
{10}-{30}	1*No*60	3*Yes*60	-4.9767	7.223150	0.492308	-19.2942	9.34087

{10}-{31}	1*No*60	3*Yes*120	-0.9767	7.223150	0.892695	-15.2942	13.34087
{10}-{32}	1*No*60	3*Yes*180	5.5033	7.223150	0.447779	-8.8142	19.82087
{10}-{33}	1*No*60	4*No*30	0.3500	4.438173	0.937289	-8.4472	9.14723
{10}-{34}	1*No*60	4*No*60	1.5667	4.181220	0.708625	-6.7212	9.85457
{10}-{35}	1*No*60	4*No*120	5.5333	4.438173	0.215183	-3.2639	14.33056
{10}-{36}	1*No*60	4*No*180	3.0000	4.438173	0.500515	-5.7972	11.79723
{10}-{37}	1*No*60	4*Yes*30	3.5233	7.223150	0.626692	-10.7942	17.84087
{10}-{38}	1*No*60	4*Yes*60	-2.0367	7.223150	0.778511	-16.3542	12.28087
{10}-{39}	1*No*60	4*Yes*120	-1.4167	7.223150	0.844878	-15.7342	12.90087
{10}-{40}	1*No*60	4*Yes*180	2.7633	7.223150	0.702793	-11.5542	17.08087
{11}-{12}	1*No*120	1*No*180	5.7000	4.218238	0.179431	-2.6613	14.06128
{11}-{13}	1*No*120	1*Yes*30	-3.7067	7.223150	0.608884	-18.0242	10.61087
{11}-{14}	1*No*120	1*Yes*60	3.6533	7.223150	0.614041	-10.6642	17.97087
{11}-{15}	1*No*120	1*Yes*120	4.6933	7.223150	0.517225	-9.6242	19.01087
{11}-{16}	1*No*120	1*Yes*180	-5.7867	7.223150	0.424817	-20.1042	8.53087
{11}-{17}	1*No*120	2*No*30	-3.4333	4.438173	0.440862	-12.2306	5.36389
{11}-{18}	1*No*120	2*No*60	-1.7833	4.438173	0.688613	-10.5806	7.01389
{11}-{19}	1*No*120	2*No*120	4.3500	4.181220	0.300493	-3.9379	12.63790
{11}-{20}	1*No*120	2*No*180	4.3667	4.438173	0.327369	-4.4306	13.16389
{11}-{21}	1*No*120	2*Yes*30	4.2533	7.223150	0.557193	-10.0642	18.57087
{11}-{22}	1*No*120	2*Yes*60	0.2933	7.223150	0.967682	-14.0242	14.61087
{11}-{23}	1*No*120	2*Yes*120	2.0533	7.223150	0.776747	-12.2642	16.37087
{11}-{24}	1*No*120	2*Yes*180	2.9533	7.223150	0.683444	-11.3642	17.27087
{11}-{25}	1*No*120	3*No*30	-4.2667	4.438173	0.338520	-13.0639	4.53056
{11}-{26}	1*No*120	3*No*60	0.6833	4.438173	0.877923	-8.1139	9.48056
{11}-{27}	1*No*120	3*No*120	3.5833	4.181220	0.393339	-4.7046	11.87124

{11}-{28}	1*No*120	3*No*180	3.5667	4.438173	0.423374	-5.2306	12.36389
{11}-{29}	1*No*120	3*Yes*30	-0.8467	7.223150	0.906907	-15.1642	13.47087
{11}-{30}	1*No*120	3*Yes*60	-6.1267	7.223150	0.398203	-20.4442	8.19087
{11}-{31}	1*No*120	3*Yes*120	-2.1267	7.223150	0.768999	-16.4442	12.19087
{11}-{32}	1*No*120	3*Yes*180	4.3533	7.223150	0.547977	-9.9642	18.67087
{11}-{33}	1*No*120	4*No*30	-0.8000	4.438173	0.857291	-9.5972	7.99723
{11}-{34}	1*No*120	4*No*60	0.4167	4.438173	0.925376	-8.3806	9.21389
{11}-{35}	1*No*120	4*No*120	4.3833	4.181220	0.296823	-3.9046	12.67124
{11}-{36}	1*No*120	4*No*180	1.8500	4.438173	0.677624	-6.9472	10.64723
{11}-{37}	1*No*120	4*Yes*30	2.3733	7.223150	0.743115	-11.9442	16.69087
{11}-{38}	1*No*120	4*Yes*60	-3.1867	7.223150	0.659969	-17.5042	11.13087
{11}-{39}	1*No*120	4*Yes*120	-2.5667	7.223150	0.723029	-16.8842	11.75087
{11}-{40}	1*No*120	4*Yes*180	1.6133	7.223150	0.823680	-12.7042	15.93087
{12}-{13}	1*No*180	1*Yes*30	-9.4067	7.223150	0.195586	-23.7242	4.91087
{12}-{14}	1*No*180	1*Yes*60	-2.0467	7.223150	0.777452	-16.3642	12.27087
{12}-{15}	1*No*180	1*Yes*120	-1.0067	7.223150	0.889420	-15.3242	13.31087
{12}-{16}	1*No*180	1*Yes*180	-11.4867	7.223150	0.114700	-25.8042	2.83087
{12}-{17}	1*No*180	2*No*30	-9.1333	4.438173	0.042007	-17.9306	-0.33611
{12}-{18}	1*No*180	2*No*60	-7.4833	4.438173	0.094658	-16.2806	1.31389
{12}-{19}	1*No*180	2*No*120	-1.3500	4.438173	0.761577	-10.1472	7.44723
{12}-{20}	1*No*180	2*No*180	-1.3333	4.181220	0.750429	-9.6212	6.95457
{12}-{21}	1*No*180	2*Yes*30	-1.4467	7.223150	0.841637	-15.7642	12.87087
{12}-{22}	1*No*180	2*Yes*60	-5.4067	7.223150	0.455774	-19.7242	8.91087
{12}-{23}	1*No*180	2*Yes*120	-3.6467	7.223150	0.614687	-17.9642	10.67087
{12}-{24}	1*No*180	2*Yes*180	-2.7467	7.223150	0.704500	-17.0642	11.57087
{12}-{25}	1*No*180	3*No*30	-9.9667	4.438173	0.026761	-18.7639	-1.16944

{12}-{26}	1*No*180	3*No*60	-5.0167	4.438173	0.260835	-13.8139	3.78056
{12}-{27}	1*No*180	3*No*120	-2.1167	4.438173	0.634381	-10.9139	6.68056
{12}-{28}	1*No*180	3*No*180	-2.1333	4.181220	0.610940	-10.4212	6.15457
{12}-{29}	1*No*180	3*Yes*30	-6.5467	7.223150	0.366771	-20.8642	7.77087
{12}-{30}	1*No*180	3*Yes*60	-11.8267	7.223150	0.104473	-26.1442	2.49087
{12}-{31}	1*No*180	3*Yes*120	-7.8267	7.223150	0.280976	-22.1442	6.49087
{12}-{32}	1*No*180	3*Yes*180	-1.3467	7.223150	0.852451	-15.6642	12.97087
{12}-{33}	1*No*180	4*No*30	-6.5000	4.438173	0.145944	-15.2972	2.29723
{12}-{34}	1*No*180	4*No*60	-5.2833	4.438173	0.236488	-14.0806	3.51389
{12}-{35}	1*No*180	4*No*120	-1.3167	4.438173	0.767289	-10.1139	7.48056
{12}-{36}	1*No*180	4*No*180	-3.8500	4.181220	0.359215	-12.1379	4.43790
{12}-{37}	1*No*180	4*Yes*30	-3.3267	7.223150	0.646043	-17.6442	10.99087
{12}-{38}	1*No*180	4*Yes*60	-8.8867	7.223150	0.221257	-23.2042	5.43087
{12}-{39}	1*No*180	4*Yes*120	-8.2667	7.223150	0.254960	-22.5842	6.05087
{12}-{40}	1*No*180	4*Yes*180	-4.0867	7.223150	0.572721	-18.4042	10.23087
{13}-{14}	1*Yes*30	1*Yes*60	7.3600	4.620848	0.114132	-1.7993	16.51932
{13}-{15}	1*Yes*30	1*Yes*120	8.4000	4.620848	0.071859	-0.7593	17.55932
{13}-{16}	1*Yes*30	1*Yes*180	-2.0800	4.620848	0.653516	-11.2393	7.07932
{13}-{17}	1*Yes*30	2*No*30	0.2733	7.223150	0.969884	-14.0442	14.59087
{13}-{18}	1*Yes*30	2*No*60	1.9233	7.223150	0.790536	-12.3942	16.24087
{13}-{19}	1*Yes*30	2*No*120	8.0567	7.223150	0.267157	-6.2609	22.37420
{13}-{20}	1*Yes*30	2*No*180	8.0733	7.223150	0.266174	-6.2442	22.39087
{13}-{21}	1*Yes*30	2*Yes*30	7.9600	4.580297	0.085083	-1.1189	17.03894
{13}-{22}	1*Yes*30	2*Yes*60	4.0000	4.861775	0.412466	-5.6369	13.63688
{13}-{23}	1*Yes*30	2*Yes*120	5.7600	4.861775	0.238716	-3.8769	15.39688
{13}-{24}	1*Yes*30	2*Yes*180	6.6600	4.861775	0.173569	-2.9769	16.29688

{13}-{25}	1*Yes*30	3*No*30	-0.5600	7.223150	0.938347	-14.8775	13.75754
{13}-{26}	1*Yes*30	3*No*60	4.3900	7.223150	0.544617	-9.9275	18.70754
{13}-{27}	1*Yes*30	3*No*120	7.2900	7.223150	0.315108	-7.0275	21.60754
{13}-{28}	1*Yes*30	3*No*180	7.2733	7.223150	0.316211	-7.0442	21.59087
{13}-{29}	1*Yes*30	3*Yes*30	2.8600	4.580297	0.533673	-6.2189	11.93894
{13}-{30}	1*Yes*30	3*Yes*60	-2.4200	4.861775	0.619665	-12.0569	7.21688
{13}-{31}	1*Yes*30	3*Yes*120	1.5800	4.861775	0.745822	-8.0569	11.21688
{13}-{32}	1*Yes*30	3*Yes*180	8.0600	4.861775	0.100254	-1.5769	17.69688
{13}-{33}	1*Yes*30	4*No*30	2.9067	7.223150	0.688178	-11.4109	17.22420
{13}-{34}	1*Yes*30	4*No*60	4.1233	7.223150	0.569287	-10.1942	18.44087
{13}-{35}	1*Yes*30	4*No*120	8.0900	7.223150	0.265194	-6.2275	22.40754
{13}-{36}	1*Yes*30	4*No*180	5.5567	7.223150	0.443403	-8.7609	19.87420
{13}-{37}	1*Yes*30	4*Yes*30	6.0800	4.580297	0.187167	-2.9989	15.15894
{13}-{38}	1*Yes*30	4*Yes*60	0.5200	4.861775	0.915022	-9.1169	10.15688
{13}-{39}	1*Yes*30	4*Yes*120	1.1400	4.861775	0.815055	-8.4969	10.77688
{13}-{40}	1*Yes*30	4*Yes*180	5.3200	4.861775	0.276280	-4.3169	14.95688
{14}-{15}	1*Yes*60	1*Yes*120	1.0400	4.620848	0.822353	-8.1193	10.19932
{14}-{16}	1*Yes*60	1*Yes*180	-9.4400	4.620848	0.043496	-18.5993	-0.28068
{14}-{17}	1*Yes*60	2*No*30	-7.0867	7.223150	0.328734	-21.4042	7.23087
{14}-{18}	1*Yes*60	2*No*60	-5.4367	7.223150	0.453284	-19.7542	8.88087
{14}-{19}	1*Yes*60	2*No*120	0.6967	7.223150	0.923343	-13.6209	15.01420
{14}-{20}	1*Yes*60	2*No*180	0.7133	7.223150	0.921515	-13.6042	15.03087
{14}-{21}	1*Yes*60	2*Yes*30	0.6000	4.861775	0.902010	-9.0369	10.23688
{14}-{22}	1*Yes*60	2*Yes*60	-3.3600	4.580297	0.464796	-12.4389	5.71894
{14}-{23}	1*Yes*60	2*Yes*120	-1.6000	4.861775	0.742719	-11.2369	8.03688
{14}-{24}	1*Yes*60	2*Yes*180	-0.7000	4.861775	0.885784	-10.3369	8.93688

{14}-{25}	1*Yes*60	3*No*30	-7.9200	7.223150	0.275310	-22.2375	6.39754
{14}-{26}	1*Yes*60	3*No*60	-2.9700	7.223150	0.681757	-17.2875	11.34754
{14}-{27}	1*Yes*60	3*No*120	-0.0700	7.223150	0.992286	-14.3875	14.24754
{14}-{28}	1*Yes*60	3*No*180	-0.0867	7.223150	0.990449	-14.4042	14.23087
{14}-{29}	1*Yes*60	3*Yes*30	-4.5000	4.861775	0.356724	-14.1369	5.13688
{14}-{30}	1*Yes*60	3*Yes*60	-9.7800	4.580297	0.035002	-18.8589	-0.70106
{14}-{31}	1*Yes*60	3*Yes*120	-5.7800	4.861775	0.237100	-15.4169	3.85688
{14}-{32}	1*Yes*60	3*Yes*180	0.7000	4.861775	0.885784	-8.9369	10.33688
{14}-{33}	1*Yes*60	4*No*30	-4.4533	7.223150	0.538838	-18.7709	9.86420
{14}-{34}	1*Yes*60	4*No*60	-3.2367	7.223150	0.654981	-17.5542	11.08087
{14}-{35}	1*Yes*60	4*No*120	0.7300	7.223150	0.919687	-13.5875	15.04754
{14}-{36}	1*Yes*60	4*No*180	-1.8033	7.223150	0.803324	-16.1209	12.51420
{14}-{37}	1*Yes*60	4*Yes*30	-1.2800	4.861775	0.792838	-10.9169	8.35688
{14}-{38}	1*Yes*60	4*Yes*60	-6.8400	4.580297	0.138261	-15.9189	2.23894
{14}-{39}	1*Yes*60	4*Yes*120	-6.2200	4.861775	0.203509	-15.8569	3.41688
{14}-{40}	1*Yes*60	4*Yes*180	-2.0400	4.861775	0.675611	-11.6769	7.59688
{15}-{16}	1*Yes*120	1*Yes*180	-10.4800	4.620848	0.025320	-19.6393	-1.32068
{15}-{17}	1*Yes*120	2*No*30	-8.1267	7.223150	0.263047	-22.4442	6.19087
{15}-{18}	1*Yes*120	2*No*60	-6.4767	7.223150	0.371898	-20.7942	7.84087
{15}-{19}	1*Yes*120	2*No*120	-0.3433	7.223150	0.962177	-14.6609	13.97420
{15}-{20}	1*Yes*120	2*No*180	-0.3267	7.223150	0.964012	-14.6442	13.99087
{15}-{21}	1*Yes*120	2*Yes*30	-0.4400	4.861775	0.928056	-10.0769	9.19688
{15}-{22}	1*Yes*120	2*Yes*60	-4.4000	4.861775	0.367470	-14.0369	5.23688
{15}-{23}	1*Yes*120	2*Yes*120	-2.6400	4.580297	0.565556	-11.7189	6.43894
{15}-{24}	1*Yes*120	2*Yes*180	-1.7400	4.861775	0.721121	-11.3769	7.89688
{15}-{25}	1*Yes*120	3*No*30	-8.9600	7.223150	0.217495	-23.2775	5.35754



{15}-{26}	1*Yes*120	3*No*60	-4.0100	7.223150	0.579934	-18.3275	10.30754
{15}-{27}	1*Yes*120	3*No*120	-1.1100	7.223150	0.878155	-15.4275	13.20754
{15}-{28}	1*Yes*120	3*No*180	-1.1267	7.223150	0.876340	-15.4442	13.19087
{15}-{29}	1*Yes*120	3*Yes*30	-5.5400	4.861775	0.257015	-15.1769	4.09688
{15}-{30}	1*Yes*120	3*Yes*60	-10.8200	4.861775	0.028124	-20.4569	-1.18312
{15}-{31}	1*Yes*120	3*Yes*120	-6.8200	4.580297	0.139405	-15.8989	2.25894
{15}-{32}	1*Yes*120	3*Yes*180	-0.3400	4.861775	0.944376	-9.9769	9.29688
{15}-{33}	1*Yes*120	4*No*30	-5.4933	7.223150	0.448602	-19.8109	8.82420
{15}-{34}	1*Yes*120	4*No*60	-4.2767	7.223150	0.555036	-18.5942	10.04087
{15}-{35}	1*Yes*120	4*No*120	-0.3100	7.223150	0.965846	-14.6275	14.00754
{15}-{36}	1*Yes*120	4*No*180	-2.8433	7.223150	0.694622	-17.1609	11.47420
{15}-{37}	1*Yes*120	4*Yes*30	-2.3200	4.861775	0.634190	-11.9569	7.31688
{15}-{38}	1*Yes*120	4*Yes*60	-7.8800	4.861775	0.107975	-17.5169	1.75688
{15}-{39}	1*Yes*120	4*Yes*120	-7.2600	4.580297	0.115879	-16.3389	1.81894
{15}-{40}	1*Yes*120	4*Yes*180	-3.0800	4.861775	0.527738	-12.7169	6.55688
{16}-{17}	1*Yes*180	2*No*30	2.3533	7.223150	0.745203	-11.9642	16.67087
{16}-{18}	1*Yes*180	2*No*60	4.0033	7.223150	0.580563	-10.3142	18.32087
{16}-{19}	1*Yes*180	2*No*120	10.1367	7.223150	0.163379	-4.1809	24.45420
{16}-{20}	1*Yes*180	2*No*180	10.1533	7.223150	0.162694	-4.1642	24.47087
{16}-{21}	1*Yes*180	2*Yes*30	10.0400	4.861775	0.041309	0.4031	19.67688
{16}-{22}	1*Yes*180	2*Yes*60	6.0800	4.861775	0.213793	-3.5569	15.71688
{16}-{23}	1*Yes*180	2*Yes*120	7.8400	4.861775	0.109754	-1.7969	17.47688
{16}-{24}	1*Yes*180	2*Yes*180	8.7400	4.580297	0.059024	-0.3389	17.81894
{16}-{25}	1*Yes*180	3*No*30	1.5200	7.223150	0.833725	-12.7975	15.83754
{16}-{26}	1*Yes*180	3*No*60	6.4700	7.223150	0.372389	-7.8475	20.78754
{16}-{27}	1*Yes*180	3*No*120	9.3700	7.223150	0.197321	-4.9475	23.68754

{16}-{28}	1*Yes*180	3*No*180	9.3533	7.223150	0.198113	-4.9642	23.67087
{16}-{29}	1*Yes*180	3*Yes*30	4.9400	4.861775	0.311857	-4.6969	14.57688
{16}-{30}	1*Yes*180	3*Yes*60	-0.3400	4.861775	0.944376	-9.9769	9.29688
{16}-{31}	1*Yes*180	3*Yes*120	3.6600	4.861775	0.453201	-5.9769	13.29688
{16}-{32}	1*Yes*180	3*Yes*180	10.1400	4.580297	0.028942	1.0611	19.21894
{16}-{33}	1*Yes*180	4*No*30	4.9867	7.223150	0.491441	-9.3309	19.30420
{16}-{34}	1*Yes*180	4*No*60	6.2033	7.223150	0.392346	-8.1142	20.52087
{16}-{35}	1*Yes*180	4*No*120	10.1700	7.223150	0.162011	-4.1475	24.48754
{16}-{36}	1*Yes*180	4*No*180	7.6367	7.223150	0.292757	-6.6809	21.95420
{16}-{37}	1*Yes*180	4*Yes*30	8.1600	4.861775	0.096161	-1.4769	17.79688
{16}-{38}	1*Yes*180	4*Yes*60	2.6000	4.861775	0.593898	-7.0369	12.23688
{16}-{39}	1*Yes*180	4*Yes*120	3.2200	4.861775	0.509184	-6.4169	12.85688
{16}-{40}	1*Yes*180	4*Yes*180	7.4000	4.580297	0.109095	-1.6789	16.47894
{17}-{18}	2*No*30	2*No*60	1.6500	4.218238	0.696451	-6.7113	10.01128
{17}-{19}	2*No*30	2*No*120	7.7833	4.218238	0.067754	-0.5779	16.14461
{17}-{20}	2*No*30	2*No*180	7.8000	4.218238	0.067176	-0.5613	16.16128
{17}-{21}	2*No*30	2*Yes*30	7.6867	7.223150	0.289625	-6.6309	22.00420
{17}-{22}	2*No*30	2*Yes*60	3.7267	7.223150	0.606955	-10.5909	18.04420
{17}-{23}	2*No*30	2*Yes*120	5.4867	7.223150	0.449152	-8.8309	19.80420
{17}-{24}	2*No*30	2*Yes*180	6.3867	7.223150	0.378556	-7.9309	20.70420
{17}-{25}	2*No*30	3*No*30	-0.8333	4.181220	0.842400	-9.1212	7.45457
{17}-{26}	2*No*30	3*No*60	4.1167	4.438173	0.355705	-4.6806	12.91389
{17}-{27}	2*No*30	3*No*120	7.0167	4.438173	0.116807	-1.7806	15.81389
{17}-{28}	2*No*30	3*No*180	7.0000	4.438173	0.117668	-1.7972	15.79723
{17}-{29}	2*No*30	3*Yes*30	2.5867	7.223150	0.720962	-11.7309	16.90420
{17}-{30}	2*No*30	3*Yes*60	-2.6933	7.223150	0.709972	-17.0109	11.62420

{17}-{31}	2*No*30	3*Yes*120	1.3067	7.223150	0.856785	-13.0109	15.62420
{17}-{32}	2*No*30	3*Yes*180	7.7867	7.223150	0.283429	-6.5309	22.10420
{17}-{33}	2*No*30	4*No*30	2.6333	4.181220	0.530155	-5.6546	10.92124
{17}-{34}	2*No*30	4*No*60	3.8500	4.438173	0.387606	-4.9472	12.64723
{17}-{35}	2*No*30	4*No*120	7.8167	4.438173	0.081029	-0.9806	16.61389
{17}-{36}	2*No*30	4*No*180	5.2833	4.438173	0.236488	-3.5139	14.08056
{17}-{37}	2*No*30	4*Yes*30	5.8067	7.223150	0.423223	-8.5109	20.12420
{17}-{38}	2*No*30	4*Yes*60	0.2467	7.223150	0.972821	-14.0709	14.56420
{17}-{39}	2*No*30	4*Yes*120	0.8667	7.223150	0.904718	-13.4509	15.18420
{17}-{40}	2*No*30	4*Yes*180	5.0467	7.223150	0.486254	-9.2709	19.36420
{18}-{19}	2*No*60	2*No*120	6.1333	4.218238	0.148845	-2.2279	14.49461
{18}-{20}	2*No*60	2*No*180	6.1500	4.218238	0.147755	-2.2113	14.51128
{18}-{21}	2*No*60	2*Yes*30	6.0367	7.223150	0.405147	-8.2809	20.35420
{18}-{22}	2*No*60	2*Yes*60	2.0767	7.223150	0.774279	-12.2409	16.39420
{18}-{23}	2*No*60	2*Yes*120	3.8367	7.223150	0.596397	-10.4809	18.15420
{18}-{24}	2*No*60	2*Yes*180	4.7367	7.223150	0.513372	-9.5809	19.05420
{18}-{25}	2*No*60	3*No*30	-2.4833	4.438173	0.576952	-11.2806	6.31389
{18}-{26}	2*No*60	3*No*60	2.4667	4.181220	0.556464	-5.8212	10.75457
{18}-{27}	2*No*60	3*No*120	5.3667	4.438173	0.229224	-3.4306	14.16389
{18}-{28}	2*No*60	3*No*180	5.3500	4.438173	0.230664	-3.4472	14.14723
{18}-{29}	2*No*60	3*Yes*30	0.9367	7.223150	0.897064	-13.3809	15.25420
{18}-{30}	2*No*60	3*Yes*60	-4.3433	7.223150	0.548895	-18.6609	9.97420
{18}-{31}	2*No*60	3*Yes*120	-0.3433	7.223150	0.962177	-14.6609	13.97420
{18}-{32}	2*No*60	3*Yes*180	6.1367	7.223150	0.397436	-8.1809	20.45420
{18}-{33}	2*No*60	4*No*30	0.9833	4.438173	0.825073	-7.8139	9.78056
{18}-{34}	2*No*60	4*No*60	2.2000	4.181220	0.599854	-6.0879	10.48790

{18}-{35}	2*No*60	4*No*120	6.1667	4.438173	0.167551	-2.6306	14.96389
{18}-{36}	2*No*60	4*No*180	3.6333	4.438173	0.414786	-5.1639	12.43056
{18}-{37}	2*No*60	4*Yes*30	4.1567	7.223150	0.566174	-10.1609	18.47420
{18}-{38}	2*No*60	4*Yes*60	-1.4033	7.223150	0.846319	-15.7209	12.91420
{18}-{39}	2*No*60	4*Yes*120	-0.7833	7.223150	0.913842	-15.1009	13.53420
{18}-{40}	2*No*60	4*Yes*180	3.3967	7.223150	0.639127	-10.9209	17.71420
{19}-{20}	2*No*120	2*No*180	0.0167	4.218238	0.996855	-8.3446	8.37795
{19}-{21}	2*No*120	2*Yes*30	-0.0967	7.223150	0.989347	-14.4142	14.22087
{19}-{22}	2*No*120	2*Yes*60	-4.0567	7.223150	0.575538	-18.3742	10.26087
{19}-{23}	2*No*120	2*Yes*120	-2.2967	7.223150	0.751130	-16.6142	12.02087
{19}-{24}	2*No*120	2*Yes*180	-1.3967	7.223150	0.847040	-15.7142	12.92087
{19}-{25}	2*No*120	3*No*30	-8.6167	4.438173	0.054804	-17.4139	0.18056
{19}-{26}	2*No*120	3*No*60	-3.6667	4.438173	0.410531	-12.4639	5.13056
{19}-{27}	2*No*120	3*No*120	-0.7667	4.181220	0.854860	-9.0546	7.52124
{19}-{28}	2*No*120	3*No*180	-0.7833	4.438173	0.860232	-9.5806	8.01389
{19}-{29}	2*No*120	3*Yes*30	-5.1967	7.223150	0.473420	-19.5142	9.12087
{19}-{30}	2*No*120	3*Yes*60	-10.4767	7.223150	0.149837	-24.7942	3.84087
{19}-{31}	2*No*120	3*Yes*120	-6.4767	7.223150	0.371898	-20.7942	7.84087
{19}-{32}	2*No*120	3*Yes*180	0.0033	7.223150	0.999633	-14.3142	14.32087
{19}-{33}	2*No*120	4*No*30	-5.1500	4.438173	0.248450	-13.9472	3.64723
{19}-{34}	2*No*120	4*No*60	-3.9333	4.438173	0.377452	-12.7306	4.86389
{19}-{35}	2*No*120	4*No*120	0.0333	4.181220	0.993654	-8.2546	8.32124
{19}-{36}	2*No*120	4*No*180	-2.5000	4.438173	0.574402	-11.2972	6.29723
{19}-{37}	2*No*120	4*Yes*30	-1.9767	7.223150	0.784871	-16.2942	12.34087
{19}-{38}	2*No*120	4*Yes*60	-7.5367	7.223150	0.299091	-21.8542	6.78087
{19}-{39}	2*No*120	4*Yes*120	-6.9167	7.223150	0.340419	-21.2342	7.40087

{19}-{40}	2*No*120	4*Yes*180	-2.7367	7.223150	0.705525	-17.0542	11.58087
{20}-{21}	2*No*180	2*Yes*30	-0.1133	7.223150	0.987510	-14.4309	14.20420
{20}-{22}	2*No*180	2*Yes*60	-4.0733	7.223150	0.573973	-18.3909	10.24420
{20}-{23}	2*No*180	2*Yes*120	-2.3133	7.223150	0.749385	-16.6309	12.00420
{20}-{24}	2*No*180	2*Yes*180	-1.4133	7.223150	0.845238	-15.7309	12.90420
{20}-{25}	2*No*180	3*No*30	-8.6333	4.438173	0.054345	-17.4306	0.16389
{20}-{26}	2*No*180	3*No*60	-3.6833	4.438173	0.408414	-12.4806	5.11389
{20}-{27}	2*No*180	3*No*120	-0.7833	4.438173	0.860232	-9.5806	8.01389
{20}-{28}	2*No*180	3*No*180	-0.8000	4.181220	0.848625	-9.0879	7.48790
{20}-{29}	2*No*180	3*Yes*30	-5.2133	7.223150	0.472006	-19.5309	9.10420
{20}-{30}	2*No*180	3*Yes*60	-10.4933	7.223150	0.149196	-24.8109	3.82420
{20}-{31}	2*No*180	3*Yes*120	-6.4933	7.223150	0.370673	-20.8109	7.82420
{20}-{32}	2*No*180	3*Yes*180	-0.0133	7.223150	0.998531	-14.3309	14.30420
{20}-{33}	2*No*180	4*No*30	-5.1667	4.438173	0.246931	-13.9639	3.63056
{20}-{34}	2*No*180	4*No*60	-3.9500	4.438173	0.375441	-12.7472	4.84723
{20}-{35}	2*No*180	4*No*120	0.0167	4.438173	0.997011	-8.7806	8.81389
{20}-{36}	2*No*180	4*No*180	-2.5167	4.181220	0.548504	-10.8046	5.77124
{20}-{37}	2*No*180	4*Yes*30	-1.9933	7.223150	0.783103	-16.3109	12.32420
{20}-{38}	2*No*180	4*Yes*60	-7.5533	7.223150	0.298029	-21.8709	6.76420
{20}-{39}	2*No*180	4*Yes*120	-6.9333	7.223150	0.339261	-21.2509	7.38420
{20}-{40}	2*No*180	4*Yes*180	-2.7533	7.223150	0.703817	-17.0709	11.56420
{21}-{22}	2*Yes*30	2*Yes*60	-3.9600	4.620848	0.393351	-13.1193	5.19932
{21}-{23}	2*Yes*30	2*Yes*120	-2.2000	4.620848	0.634963	-11.3593	6.95932
{21}-{24}	2*Yes*30	2*Yes*180	-1.3000	4.620848	0.778993	-10.4593	7.85932
{21}-{25}	2*Yes*30	3*No*30	-8.5200	7.223150	0.240775	-22.8375	5.79754
{21}-{26}	2*Yes*30	3*No*60	-3.5700	7.223150	0.622138	-17.8875	10.74754

{21}-{27}	2*Yes*30	3*No*120	-0.6700	7.223150	0.926268	-14.9875	13.64754
{21}-{28}	2*Yes*30	3*No*180	-0.6867	7.223150	0.924440	-15.0042	13.63087
{21}-{29}	2*Yes*30	3*Yes*30	-5.1000	4.580297	0.267981	-14.1789	3.97894
{21}-{30}	2*Yes*30	3*Yes*60	-10.3800	4.861775	0.035020	-20.0169	-0.74312
{21}-{31}	2*Yes*30	3*Yes*120	-6.3800	4.861775	0.192209	-16.0169	3.25688
{21}-{32}	2*Yes*30	3*Yes*180	0.1000	4.861775	0.983628	-9.5369	9.73688
{21}-{33}	2*Yes*30	4*No*30	-5.0533	7.223150	0.485680	-19.3709	9.26420
{21}-{34}	2*Yes*30	4*No*60	-3.8367	7.223150	0.596397	-18.1542	10.48087
{21}-{35}	2*Yes*30	4*No*120	0.1300	7.223150	0.985674	-14.1875	14.44754
{21}-{36}	2*Yes*30	4*No*180	-2.4033	7.223150	0.739986	-16.7209	11.91420
{21}-{37}	2*Yes*30	4*Yes*30	-1.8800	4.580297	0.682286	-10.9589	7.19894
{21}-{38}	2*Yes*30	4*Yes*60	-7.4400	4.861775	0.128865	-17.0769	2.19688
{21}-{39}	2*Yes*30	4*Yes*120	-6.8200	4.861775	0.163551	-16.4569	2.81688
{21}-{40}	2*Yes*30	4*Yes*180	-2.6400	4.861775	0.588241	-12.2769	6.99688
{22}-{23}	2*Yes*60	2*Yes*120	1.7600	4.620848	0.704039	-7.3993	10.91932
{22}-{24}	2*Yes*60	2*Yes*180	2.6600	4.620848	0.566048	-6.4993	11.81932
{22}-{25}	2*Yes*60	3*No*30	-4.5600	7.223150	0.529176	-18.8775	9.75754
{22}-{26}	2*Yes*60	3*No*60	0.3900	7.223150	0.957040	-13.9275	14.70754
{22}-{27}	2*Yes*60	3*No*120	3.2900	7.223150	0.649678	-11.0275	17.60754
{22}-{28}	2*Yes*60	3*No*180	3.2733	7.223150	0.651334	-11.0442	17.59087
{22}-{29}	2*Yes*60	3*Yes*30	-1.1400	4.861775	0.815055	-10.7769	8.49688
{22}-{30}	2*Yes*60	3*Yes*60	-6.4200	4.580297	0.163885	-15.4989	2.65894
{22}-{31}	2*Yes*60	3*Yes*120	-2.4200	4.861775	0.619665	-12.0569	7.21688
{22}-{32}	2*Yes*60	3*Yes*180	4.0600	4.861775	0.405513	-5.5769	13.69688
{22}-{33}	2*Yes*60	4*No*30	-1.0933	7.223150	0.879970	-15.4109	13.22420
{22}-{34}	2*Yes*60	4*No*60	0.1233	7.223150	0.986409	-14.1942	14.44087

{22}-{35}	2*Yes*60	4*No*120	4.0900	7.223150	0.572409	-10.2275	18.40754
{22}-{36}	2*Yes*60	4*No*180	1.5567	7.223150	0.829776	-12.7609	15.87420
{22}-{37}	2*Yes*60	4*Yes*30	2.0800	4.861775	0.669629	-7.5569	11.71688
{22}-{38}	2*Yes*60	4*Yes*60	-3.4800	4.580297	0.449044	-12.5589	5.59894
{22}-{39}	2*Yes*60	4*Yes*120	-2.8600	4.861775	0.557584	-12.4969	6.77688
{22}-{40}	2*Yes*60	4*Yes*180	1.3200	4.861775	0.786520	-8.3169	10.95688
{23}-{24}	2*Yes*120	2*Yes*180	0.9000	4.620848	0.845939	-8.2593	10.05932
{23}-{25}	2*Yes*120	3*No*30	-6.3200	7.223150	0.383535	-20.6375	7.99754
{23}-{26}	2*Yes*120	3*No*60	-1.3700	7.223150	0.849925	-15.6875	12.94754
{23}-{27}	2*Yes*120	3*No*120	1.5300	7.223150	0.832648	-12.7875	15.84754
{23}-{28}	2*Yes*120	3*No*180	1.5133	7.223150	0.834444	-12.8042	15.83087
{23}-{29}	2*Yes*120	3*Yes*30	-2.9000	4.861775	0.552096	-12.5369	6.73688
{23}-{30}	2*Yes*120	3*Yes*60	-8.1800	4.861775	0.095358	-17.8169	1.45688
{23}-{31}	2*Yes*120	3*Yes*120	-4.1800	4.580297	0.363483	-13.2589	4.89894
{23}-{32}	2*Yes*120	3*Yes*180	2.3000	4.861775	0.637112	-7.3369	11.93688
{23}-{33}	2*Yes*120	4*No*30	-2.8533	7.223150	0.693603	-17.1709	11.46420
{23}-{34}	2*Yes*120	4*No*60	-1.6367	7.223150	0.821174	-15.9542	12.68087
{23}-{35}	2*Yes*120	4*No*120	2.3300	7.223150	0.747642	-11.9875	16.64754
{23}-{36}	2*Yes*120	4*No*180	-0.2033	7.223150	0.977594	-14.5209	14.11420
{23}-{37}	2*Yes*120	4*Yes*30	0.3200	4.861775	0.947643	-9.3169	9.95688
{23}-{38}	2*Yes*120	4*Yes*60	-5.2400	4.861775	0.283526	-14.8769	4.39688
{23}-{39}	2*Yes*120	4*Yes*120	-4.6200	4.580297	0.315388	-13.6989	4.45894
{23}-{40}	2*Yes*120	4*Yes*180	-0.4400	4.861775	0.928056	-10.0769	9.19688
{24}-{25}	2*Yes*180	3*No*30	-7.2200	7.223150	0.319756	-21.5375	7.09754
{24}-{26}	2*Yes*180	3*No*60	-2.2700	7.223150	0.753924	-16.5875	12.04754
{24}-{27}	2*Yes*180	3*No*120	0.6300	7.223150	0.930659	-13.6875	14.94754

{24}-{28}	2*Yes*180	3*No*180	0.6133	7.223150	0.932488	-13.7042	14.93087
{24}-{29}	2*Yes*180	3*Yes*30	-3.8000	4.861775	0.436155	-13.4369	5.83688
{24}-{30}	2*Yes*180	3*Yes*60	-9.0800	4.861775	0.064525	-18.7169	0.55688
{24}-{31}	2*Yes*180	3*Yes*120	-5.0800	4.861775	0.298409	-14.7169	4.55688
{24}-{32}	2*Yes*180	3*Yes*180	1.4000	4.580297	0.760454	-7.6789	10.47894
{24}-{33}	2*Yes*180	4*No*30	-3.7533	7.223150	0.604388	-18.0709	10.56420
{24}-{34}	2*Yes*180	4*No*60	-2.5367	7.223150	0.726133	-16.8542	11.78087
{24}-{35}	2*Yes*180	4*No*120	1.4300	7.223150	0.843437	-12.8875	15.74754
{24}-{36}	2*Yes*180	4*No*180	-1.1033	7.223150	0.878881	-15.4209	13.21420
{24}-{37}	2*Yes*180	4*Yes*30	-0.5800	4.861775	0.905261	-10.2169	9.05688
{24}-{38}	2*Yes*180	4*Yes*60	-6.1400	4.861775	0.209340	-15.7769	3.49688
{24}-{39}	2*Yes*180	4*Yes*120	-5.5200	4.861775	0.258726	-15.1569	4.11688
{24}-{40}	2*Yes*180	4*Yes*180	-1.3400	4.580297	0.770422	-10.4189	7.73894
{25}-{26}	3*No*30	3*No*60	4.9500	4.218238	0.243187	-3.4113	13.31128
{25}-{27}	3*No*30	3*No*120	7.8500	4.218238	0.065469	-0.5113	16.21128
{25}-{28}	3*No*30	3*No*180	7.8333	4.218238	0.066034	-0.5279	16.19461
{25}-{29}	3*No*30	3*Yes*30	3.4200	7.223150	0.636828	-10.8975	17.73754
{25}-{30}	3*No*30	3*Yes*60	-1.8600	7.223150	0.797279	-16.1775	12.45754
{25}-{31}	3*No*30	3*Yes*120	2.1400	7.223150	0.767593	-12.1775	16.45754
{25}-{32}	3*No*30	3*Yes*180	8.6200	7.223150	0.235334	-5.6975	22.93754
{25}-{33}	3*No*30	4*No*30	3.4667	4.181220	0.408874	-4.8212	11.75457
{25}-{34}	3*No*30	4*No*60	4.6833	4.438173	0.293671	-4.1139	13.48056
{25}-{35}	3*No*30	4*No*120	8.6500	4.438173	0.053889	-0.1472	17.44723
{25}-{36}	3*No*30	4*No*180	6.1167	4.438173	0.170992	-2.6806	14.91389
{25}-{37}	3*No*30	4*Yes*30	6.6400	7.223150	0.360005	-7.6775	20.95754
{25}-{38}	3*No*30	4*Yes*60	1.0800	7.223150	0.881423	-13.2375	15.39754



{25}-{39}	3*No*30	4*Yes*120	1.7000	7.223150	0.814379	-12.6175	16.01754
{25}-{40}	3*No*30	4*Yes*180	5.8800	7.223150	0.417408	-8.4375	20.19754
{26}-{27}	3*No*60	3*No*120	2.9000	4.218238	0.493247	-5.4613	11.26128
{26}-{28}	3*No*60	3*No*180	2.8833	4.218238	0.495730	-5.4779	11.24461
{26}-{29}	3*No*60	3*Yes*30	-1.5300	7.223150	0.832648	-15.8475	12.78754
{26}-{30}	3*No*60	3*Yes*60	-6.8100	7.223150	0.347886	-21.1275	7.50754
{26}-{31}	3*No*60	3*Yes*120	-2.8100	7.223150	0.698022	-17.1275	11.50754
{26}-{32}	3*No*60	3*Yes*180	3.6700	7.223150	0.612427	-10.6475	17.98754
{26}-{33}	3*No*60	4*No*30	-1.4833	4.438173	0.738860	-10.2806	7.31389
{26}-{34}	3*No*60	4*No*60	-0.2667	4.181220	0.949265	-8.5546	8.02124
{26}-{35}	3*No*60	4*No*120	3.7000	4.438173	0.406303	-5.0972	12.49723
{26}-{36}	3*No*60	4*No*180	1.1667	4.438173	0.793151	-7.6306	9.96389
{26}-{37}	3*No*60	4*Yes*30	1.6900	7.223150	0.815451	-12.6275	16.00754
{26}-{38}	3*No*60	4*Yes*60	-3.8700	7.223150	0.593214	-18.1875	10.44754
{26}-{39}	3*No*60	4*Yes*120	-3.2500	7.223150	0.653654	-17.5675	11.06754
{26}-{40}	3*No*60	4*Yes*180	0.9300	7.223150	0.897793	-13.3875	15.24754
{27}-{28}	3*No*120	3*No*180	-0.0167	4.218238	0.996855	-8.3779	8.34461
{27}-{29}	3*No*120	3*Yes*30	-4.4300	7.223150	0.540964	-18.7475	9.88754
{27}-{30}	3*No*120	3*Yes*60	-9.7100	7.223150	0.181672	-24.0275	4.60754
{27}-{31}	3*No*120	3*Yes*120	-5.7100	7.223150	0.430960	-20.0275	8.60754
{27}-{32}	3*No*120	3*Yes*180	0.7700	7.223150	0.915303	-13.5475	15.08754
{27}-{33}	3*No*120	4*No*30	-4.3833	4.438173	0.325535	-13.1806	4.41389
{27}-{34}	3*No*120	4*No*60	-3.1667	4.438173	0.477071	-11.9639	5.63056
{27}-{35}	3*No*120	4*No*120	0.8000	4.181220	0.848625	-7.4879	9.08790
{27}-{36}	3*No*120	4*No*180	-1.7333	4.438173	0.696898	-10.5306	7.06389
{27}-{37}	3*No*120	4*Yes*30	-1.2100	7.223150	0.867277	-15.5275	13.10754

{27}-{38}	3*No*120	4*Yes*60	-6.7700	7.223150	0.350714	-21.0875	7.54754
{27}-{39}	3*No*120	4*Yes*120	-6.1500	7.223150	0.396415	-20.4675	8.16754
{27}-{40}	3*No*120	4*Yes*180	-1.9700	7.223150	0.785578	-16.2875	12.34754
{28}-{29}	3*No*180	3*Yes*30	-4.4133	7.223150	0.542484	-18.7309	9.90420
{28}-{30}	3*No*180	3*Yes*60	-9.6933	7.223150	0.182417	-24.0109	4.62420
{28}-{31}	3*No*180	3*Yes*120	-5.6933	7.223150	0.432303	-20.0109	8.62420
{28}-{32}	3*No*180	3*Yes*180	0.7867	7.223150	0.913477	-13.5309	15.10420
{28}-{33}	3*No*180	4*No*30	-4.3667	4.438173	0.327369	-13.1639	4.43056
{28}-{34}	3*No*180	4*No*60	-3.1500	4.438173	0.479388	-11.9472	5.64723
{28}-{35}	3*No*180	4*No*120	0.8167	4.438173	0.854351	-7.9806	9.61389
{28}-{36}	3*No*180	4*No*180	-1.7167	4.181220	0.682204	-10.0046	6.57124
{28}-{37}	3*No*180	4*Yes*30	-1.1933	7.223150	0.869088	-15.5109	13.12420
{28}-{38}	3*No*180	4*Yes*60	-6.7533	7.223150	0.351896	-21.0709	7.56420
{28}-{39}	3*No*180	4*Yes*120	-6.1333	7.223150	0.397692	-20.4509	8.18420
{28}-{40}	3*No*180	4*Yes*180	-1.9533	7.223150	0.787348	-16.2709	12.36420
{29}-{30}	3*Yes*30	3*Yes*60	-5.2800	4.620848	0.255712	-14.4393	3.87932
{29}-{31}	3*Yes*30	3*Yes*120	-1.2800	4.620848	0.782305	-10.4393	7.87932
{29}-{32}	3*Yes*30	3*Yes*180	5.2000	4.620848	0.262942	-3.9593	14.35932
{29}-{33}	3*Yes*30	4*No*30	0.0467	7.223150	0.994857	-14.2709	14.36420
{29}-{34}	3*Yes*30	4*No*60	1.2633	7.223150	0.861485	-13.0542	15.58087
{29}-{35}	3*Yes*30	4*No*120	5.2300	7.223150	0.470594	-9.0875	19.54754
{29}-{36}	3*Yes*30	4*No*180	2.6967	7.223150	0.709630	-11.6209	17.01420
{29}-{37}	3*Yes*30	4*Yes*30	3.2200	4.580297	0.483561	-5.8589	12.29894
{29}-{38}	3*Yes*30	4*Yes*60	-2.3400	4.861775	0.631273	-11.9769	7.29688
{29}-{39}	3*Yes*30	4*Yes*120	-1.7200	4.861775	0.724193	-11.3569	7.91688
{29}-{40}	3*Yes*30	4*Yes*180	2.4600	4.861775	0.613896	-7.1769	12.09688

{30}-{31}	3*Yes*60	3*Yes*120	4.0000	4.620848	0.388605	-5.1593	13.15932
{30}-{32}	3*Yes*60	3*Yes*180	10.4800	4.620848	0.025320	1.3207	19.63932
{30}-{33}	3*Yes*60	4*No*30	5.3267	7.223150	0.462452	-8.9909	19.64420
{30}-{34}	3*Yes*60	4*No*60	6.5433	7.223150	0.367014	-7.7742	20.86087
{30}-{35}	3*Yes*60	4*No*120	10.5100	7.223150	0.148558	-3.8075	24.82754
{30}-{36}	3*Yes*60	4*No*180	7.9767	7.223150	0.271909	-6.3409	22.29420
{30}-{37}	3*Yes*60	4*Yes*30	8.5000	4.861775	0.083248	-1.1369	18.13688
{30}-{38}	3*Yes*60	4*Yes*60	2.9400	4.580297	0.522311	-6.1389	12.01894
{30}-{39}	3*Yes*60	4*Yes*120	3.5600	4.861775	0.465606	-6.0769	13.19688
{30}-{40}	3*Yes*60	4*Yes*180	7.7400	4.861775	0.114305	-1.8969	17.37688
{31}-{32}	3*Yes*120	3*Yes*180	6.4800	4.620848	0.163682	-2.6793	15.63932
{31}-{33}	3*Yes*120	4*No*30	1.3267	7.223150	0.854618	-12.9909	15.64420
{31}-{34}	3*Yes*120	4*No*60	2.5433	7.223150	0.725443	-11.7742	16.86087
{31}-{35}	3*Yes*120	4*No*120	6.5100	7.223150	0.369451	-7.8075	20.82754
{31}-{36}	3*Yes*120	4*No*180	3.9767	7.223150	0.583083	-10.3409	18.29420
{31}-{37}	3*Yes*120	4*Yes*30	4.5000	4.861775	0.356724	-5.1369	14.13688
{31}-{38}	3*Yes*120	4*Yes*60	-1.0600	4.861775	0.827819	-10.6969	8.57688
{31}-{39}	3*Yes*120	4*Yes*120	-0.4400	4.580297	0.923648	-9.5189	8.63894
{31}-{40}	3*Yes*120	4*Yes*180	3.7400	4.861775	0.443414	-5.8969	13.37688
{32}-{33}	3*Yes*180	4*No*30	-5.1533	7.223150	0.477108	-19.4709	9.16420
{32}-{34}	3*Yes*180	4*No*60	-3.9367	7.223150	0.586872	-18.2542	10.38087
{32}-{35}	3*Yes*180	4*No*120	0.0300	7.223150	0.996694	-14.2875	14.34754
{32}-{36}	3*Yes*180	4*No*180	-2.5033	7.223150	0.729588	-16.8209	11.81420
{32}-{37}	3*Yes*180	4*Yes*30	-1.9800	4.861775	0.684624	-11.6169	7.65688
{32}-{38}	3*Yes*180	4*Yes*60	-7.5400	4.861775	0.123857	-17.1769	2.09688
{32}-{39}	3*Yes*180	4*Yes*120	-6.9200	4.861775	0.157518	-16.5569	2.71688

{32}-{40}	3*Yes*180	4*Yes*180	-2.7400	4.580297	0.550949	-11.8189	6.33894
{33}-{34}	4*No*30	4*No*60	1.2167	4.218238	0.773570	-7.1446	9.57795
{33}-{35}	4*No*30	4*No*120	5.1833	4.218238	0.221821	-3.1779	13.54461
{33}-{36}	4*No*30	4*No*180	2.6500	4.218238	0.531183	-5.7113	11.01128
{33}-{37}	4*No*30	4*Yes*30	3.1733	7.223150	0.661302	-11.1442	17.49087
{33}-{38}	4*No*30	4*Yes*60	-2.3867	7.223150	0.741723	-16.7042	11.93087
{33}-{39}	4*No*30	4*Yes*120	-1.7667	7.223150	0.807243	-16.0842	12.55087
{33}-{40}	4*No*30	4*Yes*180	2.4133	7.223150	0.738944	-11.9042	16.73087
{34}-{35}	4*No*60	4*No*120	3.9667	4.218238	0.349131	-4.3946	12.32795
{34}-{36}	4*No*60	4*No*180	1.4333	4.218238	0.734671	-6.9279	9.79461
{34}-{37}	4*No*60	4*Yes*30	1.9567	7.223150	0.786994	-12.3609	16.27420
{34}-{38}	4*No*60	4*Yes*60	-3.6033	7.223150	0.618893	-17.9209	10.71420
{34}-{39}	4*No*60	4*Yes*120	-2.9833	7.223150	0.680408	-17.3009	11.33420
{34}-{40}	4*No*60	4*Yes*180	1.1967	7.223150	0.868726	-13.1209	15.51420
{35}-{36}	4*No*120	4*No*180	-2.5333	4.218238	0.549387	-10.8946	5.82795
{35}-{37}	4*No*120	4*Yes*30	-2.0100	7.223150	0.781336	-16.3275	12.30754
{35}-{38}	4*No*120	4*Yes*60	-7.5700	7.223150	0.296969	-21.8875	6.74754
{35}-{39}	4*No*120	4*Yes*120	-6.9500	7.223150	0.338107	-21.2675	7.36754
{35}-{40}	4*No*120	4*Yes*180	-2.7700	7.223150	0.702111	-17.0875	11.54754
{36}-{37}	4*No*180	4*Yes*30	0.5233	7.223150	0.942376	-13.7942	14.84087
{36}-{38}	4*No*180	4*Yes*60	-5.0367	7.223150	0.487117	-19.3542	9.28087
{36}-{39}	4*No*180	4*Yes*120	-4.4167	7.223150	0.542180	-18.7342	9.90087
{36}-{40}	4*No*180	4*Yes*180	-0.2367	7.223150	0.973922	-14.5542	14.08087
{37}-{38}	4*Yes*30	4*Yes*60	-5.5600	4.620848	0.231514	-14.7193	3.59932
{37}-{39}	4*Yes*30	4*Yes*120	-4.9400	4.620848	0.287423	-14.0993	4.21932
{37}-{40}	4*Yes*30	4*Yes*180	-0.7600	4.620848	0.869667	-9.9193	8.39932

{38}-{39}	4*Yes*60	4*Yes*120	0.6200	4.620848	0.893514	-8.5393	9.77932
{38}-{40}	4*Yes*60	4*Yes*180	4.8000	4.620848	0.301232	-4.3593	13.95932
{39}-{40}	4*Yes*120	4*Yes*180	4.1800	4.620848	0.367693	-4.9793	13.33932

**2. Tables containing standard error means and significant differences of the effects of increasing time points, after collection, and presence of obesity on the spermatozoal functional parameters of Wistar rats (significance indicated in red):**

**a. Static Motile Cells (%)**

Obese (Y/N)*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(3, 27)=1.8136, p=.16848							
Type III decomposition							
Cell No.	Obese (Y/N)	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	No	30	18.64667	4.087461	10.25989	27.03344	30
2	No	60	20.86000	4.087461	12.47322	29.24678	30
3	No	120	24.40000	4.087461	16.01322	32.78678	30
4	No	180	25.28333	4.087461	16.89656	33.67011	30
5	Yes	30	22.88800	4.477589	13.70075	32.07525	25
6	Yes	60	20.94000	4.477589	11.75275	30.12725	25
7	Yes	120	22.04800	4.477589	12.86075	31.23525	25
8	Yes	180	22.35600	4.477589	13.16875	31.54325	25

LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.307498	0.345973	-6.9479	2.52126
{1}-{3}	No*30	No*120	-5.75333	2.307498	0.019082	-10.4879	-1.01874
{1}-{4}	No*30	No*180	-6.63667	2.307498	0.007767	-11.3713	-1.90207
{1}-{5}	No*30	Yes*30	-4.24133	6.062685	0.490173	-16.6809	8.19827
{1}-{6}	No*30	Yes*60	-2.29333	6.062685	0.708188	-14.7329	10.14627
{1}-{7}	No*30	Yes*120	-3.40133	6.062685	0.579406	-15.8409	9.03827
{1}-{8}	No*30	Yes*180	-3.70933	6.062685	0.545768	-16.1489	8.73027
{2}-{3}	No*60	No*120	-3.54000	2.307498	0.136634	-8.2746	1.19459
{2}-{4}	No*60	No*180	-4.42333	2.307498	0.065885	-9.1579	0.31126
{2}-{5}	No*60	Yes*30	-2.02800	6.062685	0.740583	-14.4676	10.41160
{2}-{6}	No*60	Yes*60	-0.08000	6.062685	0.989569	-12.5196	12.35960
{2}-{7}	No*60	Yes*120	-1.18800	6.062685	0.846114	-13.6276	11.25160
{2}-{8}	No*60	Yes*180	-1.49600	6.062685	0.806964	-13.9356	10.94360
{3}-{4}	No*120	No*180	-0.88333	2.307498	0.704858	-5.6179	3.85126

{3}-{5}	No*120	Yes*30	1.51200	6.062685	0.804943	-10.9276	13.95160
{3}-{6}	No*120	Yes*60	3.46000	6.062685	0.572920	-8.9796	15.89960
{3}-{7}	No*120	Yes*120	2.35200	6.062685	0.701097	-10.0876	14.79160
{3}-{8}	No*120	Yes*180	2.04400	6.062685	0.738615	-10.3956	14.48360
{4}-{5}	No*180	Yes*30	2.39533	6.062685	0.695877	-10.0443	14.83494
{4}-{6}	No*180	Yes*60	4.34333	6.062685	0.479893	-8.0963	16.78294
{4}-{7}	No*180	Yes*120	3.23533	6.062685	0.597952	-9.2043	15.67494
{4}-{8}	No*180	Yes*180	2.92733	6.062685	0.633098	-9.5123	15.36694
{5}-{6}	Yes*30	Yes*60	1.94800	2.527737	0.447606	-3.2385	7.13449
{5}-{7}	Yes*30	Yes*120	0.84000	2.527737	0.742219	-4.3465	6.02649
{5}-{8}	Yes*30	Yes*180	0.53200	2.527737	0.834885	-4.6545	5.71849
{6}-{7}	Yes*60	Yes*120	-1.10800	2.527737	0.664629	-6.2945	4.07849
{6}-{8}	Yes*60	Yes*180	-1.41600	2.527737	0.579972	-6.6025	3.77049
{7}-{8}	Yes*120	Yes*180	-0.30800	2.527737	0.903922	-5.4945	4.87849

**b. Non-Progressive Motile Cells (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.97843, p=.41748

Type III decomposition

	Obese (Y/N)	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
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Cell No.							
1	No	30	73.58000	3.641883	66.10747	81.05253	30
2	No	60	71.70000	3.641883	64.22747	79.17253	30
3	No	120	70.29667	3.641883	62.82414	77.76919	30
4	No	180	70.91667	3.641883	63.44414	78.38919	30
5	Yes	30	74.38400	3.989483	66.19826	82.56974	25
6	Yes	60	76.03200	3.989483	67.84626	84.21774	25
7	Yes	120	75.46800	3.989483	67.28226	83.65374	25
8	Yes	180	75.40000	3.989483	67.21426	83.58574	25

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	1.88000	1.892537	0.329347	-2.0032	5.76316
{1}-{3}	No*30	No*120	3.28333	1.892537	0.094165	-0.5998	7.16650
{1}-{4}	No*30	No*180	2.66333	1.892537	0.170752	-1.2198	6.54650

{1}-{5}	No*30	Yes*30	-0.80400	5.401786	0.882786	-11.8875	10.27955
{1}-{6}	No*30	Yes*60	-2.45200	5.401786	0.653511	-13.5355	8.63155
{1}-{7}	No*30	Yes*120	-1.88800	5.401786	0.729415	-12.9715	9.19555
{1}-{8}	No*30	Yes*180	-1.82000	5.401786	0.738778	-12.9035	9.26355
{2}-{3}	No*60	No*120	1.40333	1.892537	0.464786	-2.4798	5.28650
{2}-{4}	No*60	No*180	0.78333	1.892537	0.682212	-3.0998	4.66650
{2}-{5}	No*60	Yes*30	-2.68400	5.401786	0.623301	-13.7675	8.39955
{2}-{6}	No*60	Yes*60	-4.33200	5.401786	0.429580	-15.4155	6.75155
{2}-{7}	No*60	Yes*120	-3.76800	5.401786	0.491424	-14.8515	7.31555
{2}-{8}	No*60	Yes*180	-3.70000	5.401786	0.499209	-14.7835	7.38355
{3}-{4}	No*120	No*180	-0.62000	1.892537	0.745739	-4.5032	3.26316
{3}-{5}	No*120	Yes*30	-4.08733	5.401786	0.455804	-15.1709	6.99622
{3}-{6}	No*120	Yes*60	-5.73533	5.401786	0.297755	-16.8189	5.34822
{3}-{7}	No*120	Yes*120	-5.17133	5.401786	0.346891	-16.2549	5.91222
{3}-{8}	No*120	Yes*180	-5.10333	5.401786	0.353165	-16.1869	5.98022
{4}-{5}	No*180	Yes*30	-3.46733	5.401786	0.526359	-14.5509	7.61622
{4}-{6}	No*180	Yes*60	-5.11533	5.401786	0.352052	-16.1989	5.96822
{4}-{7}	No*180	Yes*120	-4.55133	5.401786	0.406876	-15.6349	6.53222
{4}-{8}	No*180	Yes*180	-4.48333	5.401786	0.413833	-15.5669	6.60022

{5}-{6}	Yes*30	Yes*60	-1.64800	2.073170	0.433594	-5.9018	2.60579
{5}-{7}	Yes*30	Yes*120	-1.08400	2.073170	0.605329	-5.3378	3.16979
{5}-{8}	Yes*30	Yes*180	-1.01600	2.073170	0.628043	-5.2698	3.23779
{6}-{7}	Yes*60	Yes*120	0.56400	2.073170	0.787655	-3.6898	4.81779
{6}-{8}	Yes*60	Yes*180	0.63200	2.073170	0.762820	-3.6218	4.88579
{7}-{8}	Yes*120	Yes*180	0.06800	2.073170	0.974075	-4.1858	4.32179

**c. Progressive Motile Cells (%)**

Obese (Y/N)*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(3, 27)=1.7795, p=.17484							
Type III decomposition							
Cell No.	Obese (Y/N)	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	No	30	7.753333	1.207006	5.276763	10.22990	30
2	No	60	7.436667	1.207006	4.960096	9.91324	30
3	No	120	5.306667	1.207006	2.830096	7.78324	30
4	No	180	3.793333	1.207006	1.316763	6.26990	30
5	Yes	30	2.736000	1.322208	0.023053	5.44895	25
6	Yes	60	3.032000	1.322208	0.319053	5.74495	25
7	Yes	120	2.480000	1.322208	-0.232947	5.19295	25

8	Yes	180	2.236000	1.322208	-0.476947	4.94895	25
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LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	0.316667	1.117910	0.779133	-1.97710	2.610429
{1}-{3}	No*30	No*120	2.446667	1.117910	0.037452	0.15290	4.740429
{1}-{4}	No*30	No*180	3.960000	1.117910	0.001465	1.66624	6.253763
{1}-{5}	No*30	Yes*30	5.017333	1.790278	0.009268	1.34399	8.690681
{1}-{6}	No*30	Yes*60	4.721333	1.790278	0.013696	1.04799	8.394681
{1}-{7}	No*30	Yes*120	5.273333	1.790278	0.006564	1.59999	8.946681
{1}-{8}	No*30	Yes*180	5.517333	1.790278	0.004697	1.84399	9.190681
{2}-{3}	No*60	No*120	2.130000	1.117910	0.067437	-0.16376	4.423763
{2}-{4}	No*60	No*180	3.643333	1.117910	0.003017	1.34957	5.937096
{2}-{5}	No*60	Yes*30	4.700667	1.790278	0.014069	1.02732	8.374015
{2}-{6}	No*60	Yes*60	4.404667	1.790278	0.020567	0.73132	8.078015

{2}-{7}	No*60	Yes*120	4.956667	1.790278	0.010048	1.28332	8.630015
{2}-{8}	No*60	Yes*180	5.200667	1.790278	0.007244	1.52732	8.874015
{3}-{4}	No*120	No*180	1.513333	1.117910	0.187051	-0.78043	3.807096
{3}-{5}	No*120	Yes*30	2.570667	1.790278	0.162515	-1.10268	6.244015
{3}-{6}	No*120	Yes*60	2.274667	1.790278	0.214723	-1.39868	5.948015
{3}-{7}	No*120	Yes*120	2.826667	1.790278	0.126005	-0.84668	6.500015
{3}-{8}	No*120	Yes*180	3.070667	1.790278	0.097767	-0.60268	6.744015
{4}-{5}	No*180	Yes*30	1.057333	1.790278	0.559702	-2.61601	4.730681
{4}-{6}	No*180	Yes*60	0.761333	1.790278	0.674018	-2.91201	4.434681
{4}-{7}	No*180	Yes*120	1.313333	1.790278	0.469520	-2.36001	4.986681
{4}-{8}	No*180	Yes*180	1.557333	1.790278	0.392032	-2.11601	5.230681
{5}-{6}	Yes*30	Yes*60	-0.296000	1.224610	0.810831	-2.80869	2.216691
{5}-{7}	Yes*30	Yes*120	0.256000	1.224610	0.835981	-2.25669	2.768691
{5}-{8}	Yes*30	Yes*180	0.500000	1.224610	0.686278	-2.01269	3.012691
{6}-{7}	Yes*60	Yes*120	0.552000	1.224610	0.655765	-1.96069	3.064691
{6}-{8}	Yes*60	Yes*180	0.796000	1.224610	0.521183	-1.71669	3.308691
{7}-{8}	Yes*120	Yes*180	0.244000	1.224610	0.843562	-2.26869	2.756691

**d. Total Motile Cells (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)

Current effect: F(3, 27)=1.7949, p=.17193

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	No	30	81.33333	4.089299	72.94278	89.72388	30
2	No	60	79.13667	4.089299	70.74612	87.52722	30
3	No	120	75.60333	4.089299	67.21278	83.99388	30
4	No	180	74.71000	4.089299	66.31945	83.10055	30
5	Yes	30	77.12000	4.479603	67.92861	86.31139	25
6	Yes	60	79.06400	4.479603	69.87261	88.25539	25
7	Yes	120	77.94800	4.479603	68.75661	87.13939	25
8	Yes	180	77.63600	4.479603	68.44461	86.82739	25

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Probabilities for Post Hoc Tests

Effect: Obese (Y/N)\*Time Point

Cell No.	Obese (Y/N)	Time Point	{1} - 81.333	{2} - 79.137	{3} - 75.603	{4} - 74.710	{5} - 77.120	{6} - 79.064	{7} - 77.948	{8} - 77.636
1	No	30		0.349824	0.019588	0.007906	0.493210	0.711220	0.581350	0.547238
2	No	60	0.349824		0.137556	0.065836	0.742090	0.990529	0.846098	0.806460

3	No	120	0.019588	0.137556		0.701844	0.804440	0.573018	0.702109	0.740121
4	No	180	0.007906	0.065836	0.701844		0.694244	0.479021	0.597816	0.633404
5	Yes	30	0.493210	0.742090	0.804440	0.694244		0.448781	0.745904	0.839867
6	Yes	60	0.711220	0.990529	0.573018	0.479021	0.448781		0.662543	0.576997
7	Yes	120	0.581350	0.846098	0.702109	0.597816	0.745904	0.662543		0.902735
8	Yes	180	0.547238	0.806460	0.740121	0.633404	0.839867	0.576997	0.902735	

**e. Rapid (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=-.65612, p=.58614

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	No	30	11.65000	2.607080	6.30071	16.99929	30
2	No	60	9.24000	2.607080	3.89071	14.58929	30
3	No	120	9.45333	2.607080	4.10405	14.80262	30
4	No	180	6.91667	2.607080	1.56738	12.26595	30
5	Yes	30	5.26800	2.855913	-0.59185	11.12785	25
6	Yes	60	5.98400	2.855913	0.12415	11.84385	25

7	Yes	120	3.85200	2.855913	-2.00785	9.71185	25
8	Yes	180	3.54400	2.855913	-2.31585	9.40385	25

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.410000	1.858627	0.205722	-1.40359	6.22359
{1}-{3}	No*30	No*120	2.196667	1.858627	0.247560	-1.61692	6.01025
{1}-{4}	No*30	No*180	4.733333	1.858627	0.016889	0.91975	8.54692
{1}-{5}	No*30	Yes*30	6.382000	3.866925	0.110446	-1.55227	14.31627
{1}-{6}	No*30	Yes*60	5.666000	3.866925	0.154402	-2.26827	13.60027
{1}-{7}	No*30	Yes*120	7.798000	3.866925	0.053785	-0.13627	15.73227
{1}-{8}	No*30	Yes*180	8.106000	3.866925	0.045568	0.17173	16.04027
{2}-{3}	No*60	No*120	-0.213333	1.858627	0.909469	-4.02692	3.60025
{2}-{4}	No*60	No*180	2.323333	1.858627	0.222016	-1.49025	6.13692
{2}-{5}	No*60	Yes*30	3.972000	3.866925	0.313454	-3.96227	11.90627



{2}-{6}	No*60	Yes*60	3.256000	3.866925	0.407177	-4.67827	11.19027
{2}-{7}	No*60	Yes*120	5.388000	3.866925	0.174878	-2.54627	13.32227
{2}-{8}	No*60	Yes*180	5.696000	3.866925	0.152313	-2.23827	13.63027
{3}-{4}	No*120	No*180	2.536667	1.858627	0.183580	-1.27692	6.35025
{3}-{5}	No*120	Yes*30	4.185333	3.866925	0.288673	-3.74894	12.11961
{3}-{6}	No*120	Yes*60	3.469333	3.866925	0.377553	-4.46494	11.40361
{3}-{7}	No*120	Yes*120	5.601333	3.866925	0.158985	-2.33294	13.53561
{3}-{8}	No*120	Yes*180	5.909333	3.866925	0.138101	-2.02494	13.84361
{4}-{5}	No*180	Yes*30	1.648667	3.866925	0.673232	-6.28561	9.58294
{4}-{6}	No*180	Yes*60	0.932667	3.866925	0.811229	-7.00161	8.86694
{4}-{7}	No*180	Yes*120	3.064667	3.866925	0.434959	-4.86961	10.99894
{4}-{8}	No*180	Yes*180	3.372667	3.866925	0.390799	-4.56161	11.30694
{5}-{6}	Yes*30	Yes*60	-0.716000	2.036024	0.727819	-4.89358	3.46158
{5}-{7}	Yes*30	Yes*120	1.416000	2.036024	0.492702	-2.76158	5.59358
{5}-{8}	Yes*30	Yes*180	1.724000	2.036024	0.404578	-2.45358	5.90158
{6}-{7}	Yes*60	Yes*120	2.132000	2.036024	0.304319	-2.04558	6.30958
{6}-{8}	Yes*60	Yes*180	2.440000	2.036024	0.241169	-1.73758	6.61758
{7}-{8}	Yes*120	Yes*180	0.308000	2.036024	0.880883	-3.86958	4.48558

**f. Medium (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=3.6246, p=.02557

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	No	30	17.97667	2.505505	12.83580	23.11754	30
2	No	60	15.85000	2.505505	10.70913	20.99087	30
3	No	120	11.43000	2.505505	6.28913	16.57087	30
4	No	180	10.09000	2.505505	4.94913	15.23087	30
5	Yes	30	9.14000	2.744643	3.50846	14.77154	25
6	Yes	60	9.90000	2.744643	4.26846	15.53154	25
7	Yes	120	10.81600	2.744643	5.18446	16.44754	25
8	Yes	180	8.37200	2.744643	2.74046	14.00354	25

LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	No*30	No*60	2.12667	1.908246	0.274904	-1.78873	6.04206
{1}-{3}	No*30	No*120	6.54667	1.908246	0.001951	2.63127	10.46206
{1}-{4}	No*30	No*180	7.88667	1.908246	0.000311	3.97127	11.80206
{1}-{5}	No*30	Yes*30	8.83667	3.716264	0.024755	1.21152	16.46181
{1}-{6}	No*30	Yes*60	8.07667	3.716264	0.038698	0.45152	15.70181
{1}-{7}	No*30	Yes*120	7.16067	3.716264	0.064584	-0.46448	14.78581
{1}-{8}	No*30	Yes*180	9.60467	3.716264	0.015480	1.97952	17.22981
{2}-{3}	No*60	No*120	4.42000	1.908246	0.028375	0.50460	8.33540
{2}-{4}	No*60	No*180	5.76000	1.908246	0.005491	1.84460	9.67540
{2}-{5}	No*60	Yes*30	6.71000	3.716264	0.082147	-0.91514	14.33514
{2}-{6}	No*60	Yes*60	5.95000	3.716264	0.120998	-1.67514	13.57514
{2}-{7}	No*60	Yes*120	5.03400	3.716264	0.186777	-2.59114	12.65914
{2}-{8}	No*60	Yes*180	7.47800	3.716264	0.054270	-0.14714	15.10314
{3}-{4}	No*120	No*180	1.34000	1.908246	0.488555	-2.57540	5.25540
{3}-{5}	No*120	Yes*30	2.29000	3.716264	0.542917	-5.33514	9.91514
{3}-{6}	No*120	Yes*60	1.53000	3.716264	0.683807	-6.09514	9.15514
{3}-{7}	No*120	Yes*120	0.61400	3.716264	0.870002	-7.01114	8.23914
{3}-{8}	No*120	Yes*180	3.05800	3.716264	0.417791	-4.56714	10.68314
{4}-{5}	No*180	Yes*30	0.95000	3.716264	0.800172	-6.67514	8.57514

{4}-{6}	No*180	Yes*60	0.19000	3.716264	0.959601	-7.43514	7.81514
{4}-{7}	No*180	Yes*120	-0.72600	3.716264	0.846576	-8.35114	6.89914
{4}-{8}	No*180	Yes*180	1.71800	3.716264	0.647576	-5.90714	9.34314
{5}-{6}	Yes*30	Yes*60	-0.76000	2.090379	0.719010	-5.04910	3.52910
{5}-{7}	Yes*30	Yes*120	-1.67600	2.090379	0.429687	-5.96510	2.61310
{5}-{8}	Yes*30	Yes*180	0.76800	2.090379	0.716187	-3.52110	5.05710
{6}-{7}	Yes*60	Yes*120	-0.91600	2.090379	0.664729	-5.20510	3.37310
{6}-{8}	Yes*60	Yes*180	1.52800	2.090379	0.471095	-2.76110	5.81710
{7}-{8}	Yes*120	Yes*180	2.44400	2.090379	0.252555	-1.84510	6.73310

**g. Slow (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.27753, p=.84110

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	No	30	51.72333	2.523854	46.54481	56.90185	30
2	No	60	54.04333	2.523854	48.86481	59.22185	30
3	No	120	54.71333	2.523854	49.53481	59.89185	30
4	No	180	57.71667	2.523854	52.53815	62.89519	30

5	Yes	30	62.71600	2.764743	57.04322	68.38878	25
6	Yes	60	63.18800	2.764743	57.51522	68.86078	25
7	Yes	120	63.28800	2.764743	57.61522	68.96078	25
8	Yes	180	66.12800	2.764743	60.45522	71.80078	25

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.3200	2.142392	0.288429	-6.7158	2.07583
{1}-{3}	No*30	No*120	-2.9900	2.142392	0.174197	-7.3858	1.40583
{1}-{4}	No*30	No*180	-5.9933	2.142392	0.009381	-10.3892	-1.59751
{1}-{5}	No*30	Yes*30	-10.9927	3.743480	0.006710	-18.6737	-3.31168
{1}-{6}	No*30	Yes*60	-11.4647	3.743480	0.004926	-19.1457	-3.78368
{1}-{7}	No*30	Yes*120	-11.5647	3.743480	0.004611	-19.2457	-3.88368
{1}-{8}	No*30	Yes*180	-14.4047	3.743480	0.000661	-22.0857	-6.72368
{2}-{3}	No*60	No*120	-0.6700	2.142392	0.756885	-5.0658	3.72583

{2}-{4}	No*60	No*180	-3.6733	2.142392	0.097878	-8.0692	0.72249
{2}-{5}	No*60	Yes*30	-8.6727	3.743480	0.028345	-16.3537	-0.99168
{2}-{6}	No*60	Yes*60	-9.1447	3.743480	0.021397	-16.8257	-1.46368
{2}-{7}	No*60	Yes*120	-9.2447	3.743480	0.020142	-16.9257	-1.56368
{2}-{8}	No*60	Yes*180	-12.0847	3.743480	0.003261	-19.7657	-4.40368
{3}-{4}	No*120	No*180	-3.0033	2.142392	0.172349	-7.3992	1.39249
{3}-{5}	No*120	Yes*30	-8.0027	3.743480	0.041743	-15.6837	-0.32168
{3}-{6}	No*120	Yes*60	-8.4747	3.743480	0.031828	-16.1557	-0.79368
{3}-{7}	No*120	Yes*120	-8.5747	3.743480	0.030023	-16.2557	-0.89368
{3}-{8}	No*120	Yes*180	-11.4147	3.743480	0.005091	-19.0957	-3.73368
{4}-{5}	No*180	Yes*30	-4.9993	3.743480	0.192870	-12.6803	2.68165
{4}-{6}	No*180	Yes*60	-5.4713	3.743480	0.155403	-13.1523	2.20965
{4}-{7}	No*180	Yes*120	-5.5713	3.743480	0.148266	-13.2523	2.10965
{4}-{8}	No*180	Yes*180	-8.4113	3.743480	0.033022	-16.0923	-0.73035
{5}-{6}	Yes*30	Yes*60	-0.4720	2.346873	0.842113	-5.2874	4.34339
{5}-{7}	Yes*30	Yes*120	-0.5720	2.346873	0.809283	-5.3874	4.24339
{5}-{8}	Yes*30	Yes*180	-3.4120	2.346873	0.157514	-8.2274	1.40339
{6}-{7}	Yes*60	Yes*120	-0.1000	2.346873	0.966326	-4.9154	4.71539
{6}-{8}	Yes*60	Yes*180	-2.9400	2.346873	0.221046	-7.7554	1.87539

{7}-{8}	Yes*120	Yes*180	-2.8400	2.346873	0.236721	-7.6554	1.97539
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**h. Static (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=1.5939, p=.21394

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	No	30	18.64667	4.143671	10.14456	27.14878	30
2	No	60	20.86000	4.143671	12.35789	29.36211	30
3	No	120	24.40000	4.143671	15.89789	32.90211	30
4	No	180	25.28333	4.143671	16.78122	33.78544	30
5	Yes	30	22.88800	4.539164	13.57441	32.20159	25
6	Yes	60	20.94000	4.539164	11.62641	30.25359	25
7	Yes	120	22.84800	4.539164	13.53441	32.16159	25
8	Yes	180	22.35600	4.539164	13.04241	31.66959	25

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.346756	0.353970	-7.0285	2.60181
{1}-{3}	No*30	No*120	-5.75333	2.346756	0.020976	-10.5685	-0.93819
{1}-{4}	No*30	No*180	-6.63667	2.346756	0.008720	-11.4518	-1.82152
{1}-{5}	No*30	Yes*30	-4.24133	6.146057	0.496027	-16.8520	8.36933
{1}-{6}	No*30	Yes*60	-2.29333	6.146057	0.711959	-14.9040	10.31733
{1}-{7}	No*30	Yes*120	-4.20133	6.146057	0.500064	-16.8120	8.40933
{1}-{8}	No*30	Yes*180	-3.70933	6.146057	0.551193	-16.3200	8.90133
{2}-{3}	No*60	No*120	-3.54000	2.346756	0.143049	-8.3551	1.27515
{2}-{4}	No*60	No*180	-4.42333	2.346756	0.070254	-9.2385	0.39181
{2}-{5}	No*60	Yes*30	-2.02800	6.146057	0.743971	-14.6387	10.58267
{2}-{6}	No*60	Yes*60	-0.08000	6.146057	0.989710	-12.6907	12.53067
{2}-{7}	No*60	Yes*120	-1.98800	6.146057	0.748839	-14.5987	10.62267
{2}-{8}	No*60	Yes*180	-1.49600	6.146057	0.809529	-14.1067	11.11467
{3}-{4}	No*120	No*180	-0.88333	2.346756	0.709557	-5.6985	3.93181
{3}-{5}	No*120	Yes*30	1.51200	6.146057	0.807534	-11.0987	14.12267
{3}-{6}	No*120	Yes*60	3.46000	6.146057	0.578106	-9.1507	16.07067



{3}-{7}	No*120	Yes*120	1.55200	6.146057	0.802552	-11.0587	14.16267
{3}-{8}	No*120	Yes*180	2.04400	6.146057	0.742027	-10.5667	14.65467
{4}-{5}	No*180	Yes*30	2.39533	6.146057	0.699790	-10.2153	15.00600
{4}-{6}	No*180	Yes*60	4.34333	6.146057	0.485816	-8.2673	16.95400
{4}-{7}	No*180	Yes*120	2.43533	6.146057	0.695040	-10.1753	15.04600
{4}-{8}	No*180	Yes*180	2.92733	6.146057	0.637696	-9.6833	15.53800
{5}-{6}	Yes*30	Yes*60	1.94800	2.570742	0.455159	-3.3267	7.22273
{5}-{7}	Yes*30	Yes*120	0.04000	2.570742	0.987700	-5.2347	5.31473
{5}-{8}	Yes*30	Yes*180	0.53200	2.570742	0.837606	-4.7427	5.80673
{6}-{7}	Yes*60	Yes*120	-1.90800	2.570742	0.464376	-7.1827	3.36673
{6}-{8}	Yes*60	Yes*180	-1.41600	2.570742	0.586291	-6.6907	3.85873
{7}-{8}	Yes*120	Yes*180	0.49200	2.570742	0.849656	-4.7827	5.76673

**i. Fast Progressive Cells**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.72175, p=.54777

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	No	30	2.933333	0.710762	1.47497	4.391696	30

2	No	60	2.570000	0.710762	1.11164	4.028363	30
3	No	120	2.520000	0.710762	1.06164	3.978363	30
4	No	180	1.680000	0.710762	0.22164	3.138363	30
5	Yes	30	0.740000	0.778601	-0.85756	2.337556	25
6	Yes	60	1.096000	0.778601	-0.50156	2.693556	25
7	Yes	120	0.540000	0.778601	-1.05756	2.137556	25
8	Yes	180	0.624000	0.778601	-0.97356	2.221556	25

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	0.363333	0.574189	0.532202	-0.81480	1.541471
{1}-{3}	No*30	No*120	0.413333	0.574189	0.477799	-0.76480	1.591471
{1}-{4}	No*30	No*180	1.253333	0.574189	0.037922	0.07520	2.431471
{1}-{5}	No*30	Yes*30	2.193333	1.054230	0.047096	0.03023	4.356435
{1}-{6}	No*30	Yes*60	1.837333	1.054230	0.092745	-0.32577	4.000435

{1}-{7}	No*30	Yes*120	2.393333	1.054230	0.031389	0.23023	4.556435
{1}-{8}	No*30	Yes*180	2.309333	1.054230	0.037297	0.14623	4.472435
{2}-{3}	No*60	No*120	0.050000	0.574189	0.931251	-1.12814	1.228138
{2}-{4}	No*60	No*180	0.890000	0.574189	0.132782	-0.28814	2.068138
{2}-{5}	No*60	Yes*30	1.830000	1.054230	0.093989	-0.33310	3.993101
{2}-{6}	No*60	Yes*60	1.474000	1.054230	0.173441	-0.68910	3.637101
{2}-{7}	No*60	Yes*120	2.030000	1.054230	0.064750	-0.13310	4.193101
{2}-{8}	No*60	Yes*180	1.946000	1.054230	0.075899	-0.21710	4.109101
{3}-{4}	No*120	No*180	0.840000	0.574189	0.155030	-0.33814	2.018138
{3}-{5}	No*120	Yes*30	1.780000	1.054230	0.102846	-0.38310	3.943101
{3}-{6}	No*120	Yes*60	1.424000	1.054230	0.187989	-0.73910	3.587101
{3}-{7}	No*120	Yes*120	1.980000	1.054230	0.071201	-0.18310	4.143101
{3}-{8}	No*120	Yes*180	1.896000	1.054230	0.083293	-0.26710	4.059101
{4}-{5}	No*180	Yes*30	0.940000	1.054230	0.380460	-1.22310	3.103101
{4}-{6}	No*180	Yes*60	0.584000	1.054230	0.584166	-1.57910	2.747101
{4}-{7}	No*180	Yes*120	1.140000	1.054230	0.289102	-1.02310	3.303101
{4}-{8}	No*180	Yes*180	1.056000	1.054230	0.325392	-1.10710	3.219101
{5}-{6}	Yes*30	Yes*60	-0.356000	0.628992	0.576078	-1.64659	0.934585
{5}-{7}	Yes*30	Yes*120	0.200000	0.628992	0.752955	-1.09059	1.490585

{5}-{8}	Yes*30	Yes*180	0.116000	0.628992	0.855061	-1.17459	1.406585
{6}-{7}	Yes*60	Yes*120	0.556000	0.628992	0.384525	-0.73459	1.846585
{6}-{8}	Yes*60	Yes*180	0.472000	0.628992	0.459500	-0.81859	1.762585
{7}-{8}	Yes*120	Yes*180	-0.084000	0.628992	0.894751	-1.37459	1.206585

**j. Slow Progressive Cells**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.99872, p=.40848

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	No	30	13.85667	2.424517	8.881969	18.83136	30
2	No	60	11.54333	2.424517	6.568635	16.51803	30
3	No	120	9.71000	2.424517	4.735302	14.68470	30
4	No	180	7.34667	2.424517	2.371969	12.32136	30
5	Yes	30	6.54000	2.655925	1.090492	11.98951	25
6	Yes	60	6.89600	2.655925	1.446492	12.34551	25
7	Yes	120	5.25200	2.655925	-0.197508	10.70151	25
8	Yes	180	4.86000	2.655925	-0.589508	10.30951	25

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.313333	1.892516	0.232136	-1.56979	6.19646
{1}-{3}	No*30	No*120	4.146667	1.892516	0.037254	0.26354	8.02979
{1}-{4}	No*30	No*180	6.510000	1.892516	0.001906	2.62688	10.39312
{1}-{5}	No*30	Yes*30	7.316667	3.596140	0.051821	-0.06200	14.69534
{1}-{6}	No*30	Yes*60	6.960667	3.596140	0.063454	-0.41800	14.33934
{1}-{7}	No*30	Yes*120	8.604667	3.596140	0.023944	1.22600	15.98334
{1}-{8}	No*30	Yes*180	8.996667	3.596140	0.018719	1.61800	16.37534
{2}-{3}	No*60	No*120	1.833333	1.892516	0.341279	-2.04979	5.71646
{2}-{4}	No*60	No*180	4.196667	1.892516	0.035194	0.31354	8.07979
{2}-{5}	No*60	Yes*30	5.003333	3.596140	0.175491	-2.37534	12.38200
{2}-{6}	No*60	Yes*60	4.647333	3.596140	0.207201	-2.73134	12.02600
{2}-{7}	No*60	Yes*120	6.291333	3.596140	0.091570	-1.08734	13.67000
{2}-{8}	No*60	Yes*180	6.683333	3.596140	0.074036	-0.69534	14.06200

{3}-{4}	No*120	No*180	2.363333	1.892516	0.222466	-1.51979	6.24646
{3}-{5}	No*120	Yes*30	3.170000	3.596140	0.385827	-4.20867	10.54867
{3}-{6}	No*120	Yes*60	2.814000	3.596140	0.440727	-4.56467	10.19267
{3}-{7}	No*120	Yes*120	4.458000	3.596140	0.225767	-2.92067	11.83667
{3}-{8}	No*120	Yes*180	4.850000	3.596140	0.188648	-2.52867	12.22867
{4}-{5}	No*180	Yes*30	0.806667	3.596140	0.824201	-6.57200	8.18534
{4}-{6}	No*180	Yes*60	0.450667	3.596140	0.901199	-6.92800	7.82934
{4}-{7}	No*180	Yes*120	2.094667	3.596140	0.565079	-5.28400	9.47334
{4}-{8}	No*180	Yes*180	2.486667	3.596140	0.495166	-4.89200	9.86534
{5}-{6}	Yes*30	Yes*60	-0.356000	2.073148	0.864939	-4.60975	3.89775
{5}-{7}	Yes*30	Yes*120	1.288000	2.073148	0.539627	-2.96575	5.54175
{5}-{8}	Yes*30	Yes*180	1.680000	2.073148	0.424817	-2.57375	5.93375
{6}-{7}	Yes*60	Yes*120	1.644000	2.073148	0.434693	-2.60975	5.89775
{6}-{8}	Yes*60	Yes*180	2.036000	2.073148	0.334779	-2.21775	6.28975
{7}-{8}	Yes*120	Yes*180	0.392000	2.073148	0.851441	-3.86175	4.64575

### k. Non-Progressive Cells

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.55100, p=.65182

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	No	30	63.93667	3.024298	57.73132	70.14201	30
2	No	60	65.01333	3.024298	58.80799	71.21868	30
3	No	120	63.37000	3.024298	57.16465	69.57535	30
4	No	180	65.64333	3.024298	59.43799	71.84868	30
5	Yes	30	69.85200	3.312953	63.05438	76.64962	25
6	Yes	60	70.72400	3.312953	63.92638	77.52162	25
7	Yes	120	72.16000	3.312953	65.36238	78.95762	25
8	Yes	180	71.76400	3.312953	64.96638	78.56162	25

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-1.07667	1.858558	0.567188	-4.8901	2.736780
{1}-{3}	No*30	No*120	0.56667	1.858558	0.762783	-3.2468	4.380113

{1}-{4}	No*30	No*180	-1.70667	1.858558	0.366606	-5.5201	2.106780
{1}-{5}	No*30	Yes*30	-5.91533	4.485759	0.198349	-15.1194	3.288684
{1}-{6}	No*30	Yes*60	-6.78733	4.485759	0.141877	-15.9914	2.416684
{1}-{7}	No*30	Yes*120	-8.22333	4.485759	0.077820	-17.4274	0.980684
{1}-{8}	No*30	Yes*180	-7.82733	4.485759	0.092371	-17.0314	1.376684
{2}-{3}	No*60	No*120	1.64333	1.858558	0.384396	-2.1701	5.456780
{2}-{4}	No*60	No*180	-0.63000	1.858558	0.737253	-4.4434	3.183447
{2}-{5}	No*60	Yes*30	-4.83867	4.485759	0.290276	-14.0427	4.365351
{2}-{6}	No*60	Yes*60	-5.71067	4.485759	0.213847	-14.9147	3.493351
{2}-{7}	No*60	Yes*120	-7.14667	4.485759	0.122759	-16.3507	2.057351
{2}-{8}	No*60	Yes*180	-6.75067	4.485759	0.143957	-15.9547	2.453351
{3}-{4}	No*120	No*180	-2.27333	1.858558	0.231834	-6.0868	1.540113
{3}-{5}	No*120	Yes*30	-6.48200	4.485759	0.159960	-15.6860	2.722017
{3}-{6}	No*120	Yes*60	-7.35400	4.485759	0.112729	-16.5580	1.850017
{3}-{7}	No*120	Yes*120	-8.79000	4.485759	0.060449	-17.9940	0.414017
{3}-{8}	No*120	Yes*180	-8.39400	4.485759	0.072183	-17.5980	0.810017
{4}-{5}	No*180	Yes*30	-4.20867	4.485759	0.356445	-13.4127	4.995351
{4}-{6}	No*180	Yes*60	-5.08067	4.485759	0.267332	-14.2847	4.123351
{4}-{7}	No*180	Yes*120	-6.51667	4.485759	0.157818	-15.7207	2.687351



{4}-{8}	No*180	Yes*180	-6.12067	4.485759	0.183686	-15.3247	3.083351
{5}-{6}	Yes*30	Yes*60	-0.87200	2.035949	0.671829	-5.0494	3.305422
{5}-{7}	Yes*30	Yes*120	-2.30800	2.035949	0.266918	-6.4854	1.869422
{5}-{8}	Yes*30	Yes*180	-1.91200	2.035949	0.355995	-6.0894	2.265422
{6}-{7}	Yes*60	Yes*120	-1.43600	2.035949	0.486651	-5.6134	2.741422
{6}-{8}	Yes*60	Yes*180	-1.04000	2.035949	0.613630	-5.2174	3.137422
{7}-{8}	Yes*120	Yes*180	0.39600	2.035949	0.847237	-3.7814	4.573422

## I. Immotile Cells

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=1.8136, p=.16848

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	No	30	18.64667	4.087461	10.25989	27.03344	30
2	No	60	20.86000	4.087461	12.47322	29.24678	30
3	No	120	24.40000	4.087461	16.01322	32.78678	30
4	No	180	25.28333	4.087461	16.89656	33.67011	30
5	Yes	30	22.88800	4.477589	13.70075	32.07525	25
6	Yes	60	20.94000	4.477589	11.75275	30.12725	25

7	Yes	120	22.04800	4.477589	12.86075	31.23525	25
8	Yes	180	22.35600	4.477589	13.16875	31.54325	25

LSD test; variable Immobile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-2.21333	2.307498	0.345973	-6.9479	2.52126
{1}-{3}	No*30	No*120	-5.75333	2.307498	0.019082	-10.4879	-1.01874
{1}-{4}	No*30	No*180	-6.63667	2.307498	0.007767	-11.3713	-1.90207
{1}-{5}	No*30	Yes*30	-4.24133	6.062685	0.490173	-16.6809	8.19827
{1}-{6}	No*30	Yes*60	-2.29333	6.062685	0.708188	-14.7329	10.14627
{1}-{7}	No*30	Yes*120	-3.40133	6.062685	0.579406	-15.8409	9.03827
{1}-{8}	No*30	Yes*180	-3.70933	6.062685	0.545768	-16.1489	8.73027
{2}-{3}	No*60	No*120	-3.54000	2.307498	0.136634	-8.2746	1.19459
{2}-{4}	No*60	No*180	-4.42333	2.307498	0.065885	-9.1579	0.31126
{2}-{5}	No*60	Yes*30	-2.02800	6.062685	0.740583	-14.4676	10.41160

{2}-{6}	No*60	Yes*60	-0.08000	6.062685	0.989569	-12.5196	12.35960
{2}-{7}	No*60	Yes*120	-1.18800	6.062685	0.846114	-13.6276	11.25160
{2}-{8}	No*60	Yes*180	-1.49600	6.062685	0.806964	-13.9356	10.94360
{3}-{4}	No*120	No*180	-0.88333	2.307498	0.704858	-5.6179	3.85126
{3}-{5}	No*120	Yes*30	1.51200	6.062685	0.804943	-10.9276	13.95160
{3}-{6}	No*120	Yes*60	3.46000	6.062685	0.572920	-8.9796	15.89960
{3}-{7}	No*120	Yes*120	2.35200	6.062685	0.701097	-10.0876	14.79160
{3}-{8}	No*120	Yes*180	2.04400	6.062685	0.738615	-10.3956	14.48360
{4}-{5}	No*180	Yes*30	2.39533	6.062685	0.695877	-10.0443	14.83494
{4}-{6}	No*180	Yes*60	4.34333	6.062685	0.479893	-8.0963	16.78294
{4}-{7}	No*180	Yes*120	3.23533	6.062685	0.597952	-9.2043	15.67494
{4}-{8}	No*180	Yes*180	2.92733	6.062685	0.633098	-9.5123	15.36694
{5}-{6}	Yes*30	Yes*60	1.94800	2.527737	0.447606	-3.2385	7.13449
{5}-{7}	Yes*30	Yes*120	0.84000	2.527737	0.742219	-4.3465	6.02649
{5}-{8}	Yes*30	Yes*180	0.53200	2.527737	0.834885	-4.6545	5.71849
{6}-{7}	Yes*60	Yes*120	-1.10800	2.527737	0.664629	-6.2945	4.07849
{6}-{8}	Yes*60	Yes*180	-1.41600	2.527737	0.579972	-6.6025	3.77049
{7}-{8}	Yes*120	Yes*180	-0.30800	2.527737	0.903922	-5.4945	4.87849

**m. Static Head Cells**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.69443, p=.56349

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	No	30	402.4100	25.89943	349.2688	455.5512	30
2	No	60	403.5800	25.89943	350.4388	456.7212	30
3	No	120	407.3733	25.89943	354.2321	460.5146	30
4	No	180	408.3567	25.89943	355.2154	461.4979	30
5	Yes	30	498.3560	28.37140	440.1427	556.5693	25
6	Yes	60	464.6440	28.37140	406.4307	522.8573	25
7	Yes	120	465.3960	28.37140	407.1827	523.6093	25
8	Yes	180	488.3760	28.37140	430.1627	546.5893	25

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	No*30	No*60	-1.1700	20.25584	0.954364	-42.732	40.3916
{1}-{3}	No*30	No*120	-4.9633	20.25584	0.808284	-46.525	36.5982
{1}-{4}	No*30	No*180	-5.9467	20.25584	0.771325	-47.508	35.6149
{1}-{5}	No*30	Yes*30	-95.9460	38.41506	0.018897	-174.767	-17.1248
{1}-{6}	No*30	Yes*60	-62.2340	38.41506	0.116846	-141.055	16.5872
{1}-{7}	No*30	Yes*120	-62.9860	38.41506	0.112686	-141.807	15.8352
{1}-{8}	No*30	Yes*180	-85.9660	38.41506	0.033681	-164.787	-7.1448
{2}-{3}	No*60	No*120	-3.7933	20.25584	0.852848	-45.355	37.7682
{2}-{4}	No*60	No*180	-4.7767	20.25584	0.815354	-46.338	36.7849
{2}-{5}	No*60	Yes*30	-94.7760	38.41506	0.020251	-173.597	-15.9548
{2}-{6}	No*60	Yes*60	-61.0640	38.41506	0.123571	-139.885	17.7572
{2}-{7}	No*60	Yes*120	-61.8160	38.41506	0.119213	-140.637	17.0052
{2}-{8}	No*60	Yes*180	-84.7960	38.41506	0.035972	-163.617	-5.9748
{3}-{4}	No*120	No*180	-0.9833	20.25584	0.961639	-42.545	40.5782
{3}-{5}	No*120	Yes*30	-90.9827	38.41506	0.025280	-169.804	-12.1615
{3}-{6}	No*120	Yes*60	-57.2707	38.41506	0.147595	-136.092	21.5505
{3}-{7}	No*120	Yes*120	-58.0227	38.41506	0.142553	-136.844	20.7985
{3}-{8}	No*120	Yes*180	-81.0027	38.41506	0.044396	-159.824	-2.1815
{4}-{5}	No*180	Yes*30	-89.9993	38.41506	0.026758	-168.821	-11.1781

{4}-{6}	No*180	Yes*60	-56.2873	38.41506	0.154404	-135.109	22.5339
{4}-{7}	No*180	Yes*120	-57.0393	38.41506	0.149175	-135.861	21.7819
{4}-{8}	No*180	Yes*180	-80.0193	38.41506	0.046849	-158.841	-1.1981
{5}-{6}	Yes*30	Yes*60	33.7120	22.18916	0.140311	-11.816	79.2404
{5}-{7}	Yes*30	Yes*120	32.9600	22.18916	0.149019	-12.568	78.4884
{5}-{8}	Yes*30	Yes*180	9.9800	22.18916	0.656467	-35.548	55.5084
{6}-{7}	Yes*60	Yes*120	-0.7520	22.18916	0.973214	-46.280	44.7764
{6}-{8}	Yes*60	Yes*180	-23.7320	22.18916	0.294299	-69.260	21.7964
{7}-{8}	Yes*120	Yes*180	-22.9800	22.18916	0.309557	-68.508	22.5484

## n. Slow Head Cells

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=3.2153, p=.03853

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	No	30	448.3600	27.70420	391.5157	505.2043	30
2	No	60	461.2833	27.70420	404.4390	518.1277	30
3	No	120	462.1933	27.70420	405.3490	519.0377	30
4	No	180	440.1767	27.70420	383.3323	497.0210	30

5	Yes	30	513.8840	30.34843	451.6142	576.1538	25
6	Yes	60	471.9680	30.34843	409.6982	534.2378	25
7	Yes	120	469.6840	30.34843	407.4142	531.9538	25
8	Yes	180	485.0080	30.34843	422.7382	547.2778	25

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-12.9233	14.86143	0.392190	-43.416	17.56981
{1}-{3}	No*30	No*120	-13.8333	14.86143	0.360195	-44.326	16.65981
{1}-{4}	No*30	No*180	8.1833	14.86143	0.586407	-22.310	38.67648
{1}-{5}	No*30	Yes*30	-65.5240	41.09197	0.122449	-149.838	18.78976
{1}-{6}	No*30	Yes*60	-23.6080	41.09197	0.570375	-107.922	60.70576
{1}-{7}	No*30	Yes*120	-21.3240	41.09197	0.608035	-105.638	62.98976
{1}-{8}	No*30	Yes*180	-36.6480	41.09197	0.380351	-120.962	47.66576
{2}-{3}	No*60	No*120	-0.9100	14.86143	0.951625	-31.403	29.58314

{2}-{4}	No*60	No*180	21.1067	14.86143	0.166986	-9.386	51.59981
{2}-{5}	No*60	Yes*30	-52.6007	41.09197	0.211409	-136.914	31.71309
{2}-{6}	No*60	Yes*60	-10.6847	41.09197	0.796822	-94.998	73.62909
{2}-{7}	No*60	Yes*120	-8.4007	41.09197	0.839546	-92.714	75.91309
{2}-{8}	No*60	Yes*180	-23.7247	41.09197	0.568483	-108.038	60.58909
{3}-{4}	No*120	No*180	22.0167	14.86143	0.150060	-8.476	52.50981
{3}-{5}	No*120	Yes*30	-51.6907	41.09197	0.219189	-136.004	32.62309
{3}-{6}	No*120	Yes*60	-9.7747	41.09197	0.813776	-94.088	74.53909
{3}-{7}	No*120	Yes*120	-7.4907	41.09197	0.856717	-91.804	76.82309
{3}-{8}	No*120	Yes*180	-22.8147	41.09197	0.583322	-107.128	61.49909
{4}-{5}	No*180	Yes*30	-73.7073	41.09197	0.084067	-158.021	10.60643
{4}-{6}	No*180	Yes*60	-31.7913	41.09197	0.445852	-116.105	52.52243
{4}-{7}	No*180	Yes*120	-29.5073	41.09197	0.478876	-113.821	54.80643
{4}-{8}	No*180	Yes*180	-44.8313	41.09197	0.284914	-129.145	39.48243
{5}-{6}	Yes*30	Yes*60	41.9160	16.27989	0.015833	8.512	75.31957
{5}-{7}	Yes*30	Yes*120	44.2000	16.27989	0.011411	10.796	77.60357
{5}-{8}	Yes*30	Yes*180	28.8760	16.27989	0.087390	-4.528	62.27957
{6}-{7}	Yes*60	Yes*120	2.2840	16.27989	0.889468	-31.120	35.68757
{6}-{8}	Yes*60	Yes*180	-13.0400	16.27989	0.430131	-46.444	20.36357



{7}-{8}	Yes*120	Yes*180	-15.3240	16.27989	0.354905	-48.728	18.07957
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**o. Medium Head Cells**

Obese (Y/N)*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(3, 27)=1.7042, p=.18974							
Type III decomposition							
Cell No.	Obese (Y/N)	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	No	30	522.5300	45.72106	428.7181	616.3419	30
2	No	60	541.9333	45.72106	448.1215	635.7452	30
3	No	120	526.0533	45.72106	432.2415	619.8652	30
4	No	180	502.5800	45.72106	408.7681	596.3919	30
5	Yes	30	575.8280	50.08492	473.0622	678.5938	25
6	Yes	60	477.6120	50.08492	374.8462	580.3778	25
7	Yes	120	478.4320	50.08492	375.6662	581.1978	25
8	Yes	180	427.1800	50.08492	324.4142	529.9458	25

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)
Simultaneous confidence intervals
Effect: Obese (Y/N)*Time Point

<b>Comparisons</b> <b>Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
{1}-{2}	No*30	No*60	-19.4033	43.08358	0.656043	-107.804	68.9969
{1}-{3}	No*30	No*120	-3.5233	43.08358	0.935426	-91.924	84.8769
{1}-{4}	No*30	No*180	19.9500	43.08358	0.647037	-68.450	108.3502
{1}-{5}	No*30	Yes*30	-53.2980	67.81530	0.438752	-192.443	85.8475
{1}-{6}	No*30	Yes*60	44.9180	67.81530	0.513356	-94.227	184.0635
{1}-{7}	No*30	Yes*120	44.0980	67.81530	0.521015	-95.047	183.2435
{1}-{8}	No*30	Yes*180	95.3500	67.81530	0.171121	-43.795	234.4955
{2}-{3}	No*60	No*120	15.8800	43.08358	0.715311	-72.520	104.2802
{2}-{4}	No*60	No*180	39.3533	43.08358	0.369108	-49.047	127.7535
{2}-{5}	No*60	Yes*30	-33.8947	67.81530	0.621259	-173.040	105.2508
{2}-{6}	No*60	Yes*60	64.3213	67.81530	0.351299	-74.824	203.4668
{2}-{7}	No*60	Yes*120	63.5013	67.81530	0.357375	-75.644	202.6468
{2}-{8}	No*60	Yes*180	114.7533	67.81530	0.102129	-24.392	253.8988
{3}-{4}	No*120	No*180	23.4733	43.08358	0.590341	-64.927	111.8735
{3}-{5}	No*120	Yes*30	-49.7747	67.81530	0.469291	-188.920	89.3708
{3}-{6}	No*120	Yes*60	48.4413	67.81530	0.481164	-90.704	187.5868

{3}-{7}	No*120	Yes*120	47.6213	67.81530	0.488551	-91.524	186.7668
{3}-{8}	No*120	Yes*180	98.8733	67.81530	0.156381	-40.272	238.0188
{4}-{5}	No*180	Yes*30	-73.2480	67.81530	0.289647	-212.393	65.8975
{4}-{6}	No*180	Yes*60	24.9680	67.81530	0.715612	-114.177	164.1135
{4}-{7}	No*180	Yes*120	24.1480	67.81530	0.724544	-114.997	163.2935
{4}-{8}	No*180	Yes*180	75.4000	67.81530	0.276008	-63.745	214.5455
{5}-{6}	Yes*30	Yes*60	98.2160	47.19570	0.047044	1.378	195.0536
{5}-{7}	Yes*30	Yes*120	97.3960	47.19570	0.048783	0.558	194.2336
{5}-{8}	Yes*30	Yes*180	148.6480	47.19570	0.003969	51.810	245.4856
{6}-{7}	Yes*60	Yes*120	-0.8200	47.19570	0.986266	-97.658	96.0176
{6}-{8}	Yes*60	Yes*180	50.4320	47.19570	0.294724	-46.406	147.2696
{7}-{8}	Yes*120	Yes*180	51.2520	47.19570	0.287103	-45.586	148.0896

**p. Rapid Head Cells**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.13814, p=.93634

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	No	30	609.8633	49.93398	507.4073	712.3194	30

2	No	60	631.3333	49.93398	528.8773	733.7894	30
3	No	120	536.5900	49.93398	434.1339	639.0461	30
4	No	180	432.8533	49.93398	330.3973	535.3094	30
5	Yes	30	585.8080	54.69994	473.5730	698.0430	25
6	Yes	60	567.3400	54.69994	455.1050	679.5750	25
7	Yes	120	483.0040	54.69994	370.7690	595.2390	25
8	Yes	180	418.4520	54.69994	306.2170	530.6870	25

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-21.470	60.45154	0.725229	-145.506	102.5663
{1}-{3}	No*30	No*120	73.273	60.45154	0.235975	-50.763	197.3097
{1}-{4}	No*30	No*180	177.010	60.45154	0.006847	52.974	301.0463
{1}-{5}	No*30	Yes*30	24.055	74.06407	0.747843	-127.912	176.0222
{1}-{6}	No*30	Yes*60	42.523	74.06407	0.570624	-109.444	194.4902

{1}-{7}	No*30	Yes*120	126.859	74.06407	0.098206	-25.108	278.8262
{1}-{8}	No*30	Yes*180	191.411	74.06407	0.015483	39.444	343.3782
{2}-{3}	No*60	No*120	94.743	60.45154	0.128700	-29.293	218.7797
{2}-{4}	No*60	No*180	198.480	60.45154	0.002838	74.444	322.5163
{2}-{5}	No*60	Yes*30	45.525	74.06407	0.543915	-106.442	197.4922
{2}-{6}	No*60	Yes*60	63.993	74.06407	0.395184	-87.974	215.9602
{2}-{7}	No*60	Yes*120	148.329	74.06407	0.055343	-3.638	300.2962
{2}-{8}	No*60	Yes*180	212.881	74.06407	0.007801	60.914	364.8482
{3}-{4}	No*120	No*180	103.737	60.45154	0.097611	-20.300	227.7730
{3}-{5}	No*120	Yes*30	-49.218	74.06407	0.511985	-201.185	102.7489
{3}-{6}	No*120	Yes*60	-30.750	74.06407	0.681290	-182.717	121.2169
{3}-{7}	No*120	Yes*120	53.586	74.06407	0.475589	-98.381	205.5529
{3}-{8}	No*120	Yes*180	118.138	74.06407	0.122335	-33.829	270.1049
{4}-{5}	No*180	Yes*30	-152.955	74.06407	0.048630	-304.922	-0.9878
{4}-{6}	No*180	Yes*60	-134.487	74.06407	0.080520	-286.454	17.4802
{4}-{7}	No*180	Yes*120	-50.151	74.06407	0.504087	-202.118	101.8162
{4}-{8}	No*180	Yes*180	14.401	74.06407	0.847284	-137.566	166.3682
{5}-{6}	Yes*30	Yes*60	18.468	66.22135	0.782460	-117.407	154.3430
{5}-{7}	Yes*30	Yes*120	102.804	66.22135	0.132204	-33.071	238.6790

{5}-{8}	Yes*30	Yes*180	167.356	66.22135	0.017661	31.481	303.2310
{6}-{7}	Yes*60	Yes*120	84.336	66.22135	0.213679	-51.539	220.2110
{6}-{8}	Yes*60	Yes*180	148.888	66.22135	0.032921	13.013	284.7630
{7}-{8}	Yes*120	Yes*180	64.552	66.22135	0.338317	-71.323	200.4270

**q. VCL (µm/s)**

Obese (Y/N)*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(3, 27)=.87841, p=.46456							
Type III decomposition							
Cell No.	Obese (Y/N)	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	No	30	97.60333	10.38144	76.30239	118.9043	30
2	No	60	88.18000	10.38144	66.87905	109.4809	30
3	No	120	84.34667	10.38144	63.04572	105.6476	30
4	No	180	72.54667	10.38144	51.24572	93.8476	30
5	Yes	30	70.43600	11.37229	47.10198	93.7700	25
6	Yes	60	73.85200	11.37229	50.51798	97.1860	25
7	Yes	120	66.11200	11.37229	42.77798	89.4460	25
8	Yes	180	61.78400	11.37229	38.44998	85.1180	25

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	9.42333	7.17884	0.200348	-5.3064	24.15309
{1}-{3}	No*30	No*120	13.25667	7.17884	0.075789	-1.4731	27.98643
{1}-{4}	No*30	No*180	25.05667	7.17884	0.001675	10.3269	39.78643
{1}-{5}	No*30	Yes*30	27.16733	15.39816	0.088990	-4.4271	58.76174
{1}-{6}	No*30	Yes*60	23.75133	15.39816	0.134598	-7.8431	55.34574
{1}-{7}	No*30	Yes*120	31.49133	15.39816	0.050700	-0.1031	63.08574
{1}-{8}	No*30	Yes*180	35.81933	15.39816	0.027759	4.2249	67.41374
{2}-{3}	No*60	No*120	3.83333	7.17884	0.597727	-10.8964	18.56309
{2}-{4}	No*60	No*180	15.63333	7.17884	0.038338	0.9036	30.36309
{2}-{5}	No*60	Yes*30	17.74400	15.39816	0.259280	-13.8504	49.33841
{2}-{6}	No*60	Yes*60	14.32800	15.39816	0.360357	-17.2664	45.92241
{2}-{7}	No*60	Yes*120	22.06800	15.39816	0.163291	-9.5264	53.66241
{2}-{8}	No*60	Yes*180	26.39600	15.39816	0.097945	-5.1984	57.99041

{3}-{4}	No*120	No*180	11.80000	7.17884	0.111830	-2.9298	26.52976
{3}-{5}	No*120	Yes*30	13.91067	15.39816	0.374304	-17.6837	45.50508
{3}-{6}	No*120	Yes*60	10.49467	15.39816	0.501326	-21.0997	42.08908
{3}-{7}	No*120	Yes*120	18.23467	15.39816	0.246650	-13.3597	49.82908
{3}-{8}	No*120	Yes*180	22.56267	15.39816	0.154393	-9.0317	54.15708
{4}-{5}	No*180	Yes*30	2.11067	15.39816	0.891990	-29.4837	33.70508
{4}-{6}	No*180	Yes*60	-1.30533	15.39816	0.933068	-32.8997	30.28908
{4}-{7}	No*180	Yes*120	6.43467	15.39816	0.679336	-25.1597	38.02908
{4}-{8}	No*180	Yes*180	10.76267	15.39816	0.490556	-20.8317	42.35708
{5}-{6}	Yes*30	Yes*60	-3.41600	7.86402	0.667462	-19.5516	12.71964
{5}-{7}	Yes*30	Yes*120	4.32400	7.86402	0.586945	-11.8116	20.45964
{5}-{8}	Yes*30	Yes*180	8.65200	7.86402	0.280958	-7.4836	24.78764
{6}-{7}	Yes*60	Yes*120	7.74000	7.86402	0.333741	-8.3956	23.87564
{6}-{8}	Yes*60	Yes*180	12.06800	7.86402	0.136522	-4.0676	28.20364
{7}-{8}	Yes*120	Yes*180	4.32800	7.86402	0.586601	-11.8076	20.46364

**r. VSL ( $\mu\text{m/s}$ )**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect:  $F(3, 27)=1.2537$ ,  $p=.30993$

Type III decomposition



Cell No.	Obese (Y/N)	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	No	30	36.47333	5.936803	24.29202	48.65465	30
2	No	60	19.34000	5.936803	7.15869	31.52131	30
3	No	120	15.74333	5.936803	3.56202	27.92465	30
4	No	180	11.89000	5.936803	-0.29131	24.07131	30
5	Yes	30	10.36000	6.503441	-2.98396	23.70396	25
6	Yes	60	9.80000	6.503441	-3.54396	23.14396	25
7	Yes	120	8.22400	6.503441	-5.11996	21.56796	25
8	Yes	180	7.50800	6.503441	-5.83596	20.85196	25

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	17.13333	8.274893	0.048090	0.1547	34.11201
{1}-{3}	No*30	No*120	20.73000	8.274893	0.018574	3.7513	37.70868

{1}-{4}	No*30	No*180	24.58333	8.274893	0.006171	7.6047	41.56201
{1}-{5}	No*30	Yes*30	26.11333	8.805701	0.006252	8.0455	44.18114
{1}-{6}	No*30	Yes*60	26.67333	8.805701	0.005349	8.6055	44.74114
{1}-{7}	No*30	Yes*120	28.24933	8.805701	0.003429	10.1815	46.31714
{1}-{8}	No*30	Yes*180	28.96533	8.805701	0.002795	10.8975	47.03314
{2}-{3}	No*60	No*120	3.59667	8.274893	0.667272	-13.3820	20.57534
{2}-{4}	No*60	No*180	7.45000	8.274893	0.375914	-9.5287	24.42868
{2}-{5}	No*60	Yes*30	8.98000	8.805701	0.316878	-9.0878	27.04781
{2}-{6}	No*60	Yes*60	9.54000	8.805701	0.288216	-8.5278	27.60781
{2}-{7}	No*60	Yes*120	11.11600	8.805701	0.217613	-6.9518	29.18381
{2}-{8}	No*60	Yes*180	11.83200	8.805701	0.190238	-6.2358	29.89981
{3}-{4}	No*120	No*180	3.85333	8.274893	0.645189	-13.1253	20.83201
{3}-{5}	No*120	Yes*30	5.38333	8.805701	0.546084	-12.6845	23.45114
{3}-{6}	No*120	Yes*60	5.94333	8.805701	0.505452	-12.1245	24.01114
{3}-{7}	No*120	Yes*120	7.51933	8.805701	0.400664	-10.5485	25.58714
{3}-{8}	No*120	Yes*180	8.23533	8.805701	0.357961	-9.8325	26.30314
{4}-{5}	No*180	Yes*30	1.53000	8.805701	0.863357	-16.5378	19.59781
{4}-{6}	No*180	Yes*60	2.09000	8.805701	0.814180	-15.9778	20.15781
{4}-{7}	No*180	Yes*120	3.66600	8.805701	0.680466	-14.4018	21.73381

{4}-{8}	No*180	Yes*180	4.38200	8.805701	0.622772	-13.6858	22.44981
{5}-{6}	Yes*30	Yes*60	0.56000	9.064691	0.951195	-18.0392	19.15921
{5}-{7}	Yes*30	Yes*120	2.13600	9.064691	0.815491	-16.4632	20.73521
{5}-{8}	Yes*30	Yes*180	2.85200	9.064691	0.755463	-15.7472	21.45121
{6}-{7}	Yes*60	Yes*120	1.57600	9.064691	0.863271	-17.0232	20.17521
{6}-{8}	Yes*60	Yes*180	2.29200	9.064691	0.802300	-16.3072	20.89121
{7}-{8}	Yes*120	Yes*180	0.71600	9.064691	0.937625	-17.8832	19.31521

**s. VAP (µm/s)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=1.4419, p=.25248

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	No	30	41.77667	5.007032	31.50308	52.05025	30
2	No	60	37.75000	5.007032	27.47642	48.02358	30
3	No	120	32.22333	5.007032	21.94975	42.49692	30
4	No	180	25.31667	5.007032	15.04308	35.59025	30
5	Yes	30	23.34400	5.484929	12.08986	34.59814	25
6	Yes	60	23.84800	5.484929	12.59386	35.10214	25

7	Yes	120	20.14000	5.484929	8.88586	31.39414	25
8	Yes	180	18.41200	5.484929	7.15786	29.66614	25

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	4.02667	3.786038	0.296950	-3.7416	11.79498
{1}-{3}	No*30	No*120	9.55333	3.786038	0.017820	1.7850	17.32164
{1}-{4}	No*30	No*180	16.46000	3.786038	0.000176	8.6917	24.22831
{1}-{5}	No*30	Yes*30	18.43267	7.426629	0.019582	3.1945	33.67085
{1}-{6}	No*30	Yes*60	17.92867	7.426629	0.022826	2.6905	33.16685
{1}-{7}	No*30	Yes*120	21.63667	7.426629	0.007097	6.3985	36.87485
{1}-{8}	No*30	Yes*180	23.36467	7.426629	0.004004	8.1265	38.60285
{2}-{3}	No*60	No*120	5.52667	3.786038	0.155897	-2.2416	13.29498
{2}-{4}	No*60	No*180	12.43333	3.786038	0.002833	4.6650	20.20164
{2}-{5}	No*60	Yes*30	14.40600	7.426629	0.062920	-0.8322	29.64418

{2}-{6}	No*60	Yes*60	13.90200	7.426629	0.072089	-1.3362	29.14018
{2}-{7}	No*60	Yes*120	17.61000	7.426629	0.025124	2.3718	32.84818
{2}-{8}	No*60	Yes*180	19.33800	7.426629	0.014800	4.0998	34.57618
{3}-{4}	No*120	No*180	6.90667	3.786038	0.079201	-0.8616	14.67498
{3}-{5}	No*120	Yes*30	8.87933	7.426629	0.242245	-6.3589	24.11752
{3}-{6}	No*120	Yes*60	8.37533	7.426629	0.269350	-6.8629	23.61352
{3}-{7}	No*120	Yes*120	12.08333	7.426629	0.115347	-3.1549	27.32152
{3}-{8}	No*120	Yes*180	13.81133	7.426629	0.073856	-1.4269	29.04952
{4}-{5}	No*180	Yes*30	1.97267	7.426629	0.792549	-13.2655	17.21085
{4}-{6}	No*180	Yes*60	1.46867	7.426629	0.844717	-13.7695	16.70685
{4}-{7}	No*180	Yes*120	5.17667	7.426629	0.491736	-10.0615	20.41485
{4}-{8}	No*180	Yes*180	6.90467	7.426629	0.360756	-8.3335	22.14285
{5}-{6}	Yes*30	Yes*60	-0.50400	4.147397	0.904178	-9.0138	8.00576
{5}-{7}	Yes*30	Yes*120	3.20400	4.147397	0.446509	-5.3058	11.71376
{5}-{8}	Yes*30	Yes*180	4.93200	4.147397	0.244722	-3.5778	13.44176
{6}-{7}	Yes*60	Yes*120	3.70800	4.147397	0.379193	-4.8018	12.21776
{6}-{8}	Yes*60	Yes*180	5.43600	4.147397	0.200999	-3.0738	13.94576
{7}-{8}	Yes*120	Yes*180	1.72800	4.147397	0.680231	-6.7818	10.23776

t. LIN (%)

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=2.1521, p=.11695

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	No	30	20.32333	1.802598	16.62471	24.02196	30
2	No	60	20.86667	1.802598	17.16804	24.56529	30
3	No	120	17.08667	1.802598	13.38804	20.78529	30
4	No	180	13.66333	1.802598	9.96471	17.36196	30
5	Yes	30	13.92400	1.974647	9.87236	17.97564	25
6	Yes	60	12.64000	1.974647	8.58836	16.69164	25
7	Yes	120	12.05600	1.974647	8.00436	16.10764	25
8	Yes	180	11.76400	1.974647	7.71236	15.81564	25

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	No*30	No*60	-0.543333	1.735029	0.756569	-4.10332	3.01665
{1}-{3}	No*30	No*120	3.236667	1.735029	0.073015	-0.32332	6.79665
{1}-{4}	No*30	No*180	6.660000	1.735029	0.000677	3.10001	10.21999
{1}-{5}	No*30	Yes*30	6.399333	2.673685	0.023907	0.91338	11.88528
{1}-{6}	No*30	Yes*60	7.683333	2.673685	0.007813	2.19738	13.16928
{1}-{7}	No*30	Yes*120	8.267333	2.673685	0.004579	2.78138	13.75328
{1}-{8}	No*30	Yes*180	8.559333	2.673685	0.003488	3.07338	14.04528
{2}-{3}	No*60	No*120	3.780000	1.735029	0.038261	0.22001	7.33999
{2}-{4}	No*60	No*180	7.203333	1.735029	0.000296	3.64335	10.76332
{2}-{5}	No*60	Yes*30	6.942667	2.673685	0.015049	1.45672	12.42862
{2}-{6}	No*60	Yes*60	8.226667	2.673685	0.004754	2.74072	13.71262
{2}-{7}	No*60	Yes*120	8.810667	2.673685	0.002753	3.32472	14.29662
{2}-{8}	No*60	Yes*180	9.102667	2.673685	0.002086	3.61672	14.58862
{3}-{4}	No*120	No*180	3.423333	1.735029	0.058806	-0.13665	6.98332
{3}-{5}	No*120	Yes*30	3.162667	2.673685	0.247166	-2.32328	8.64862
{3}-{6}	No*120	Yes*60	4.446667	2.673685	0.107855	-1.03928	9.93262
{3}-{7}	No*120	Yes*120	5.030667	2.673685	0.070721	-0.45528	10.51662
{3}-{8}	No*120	Yes*180	5.322667	2.673685	0.056717	-0.16328	10.80862
{4}-{5}	No*180	Yes*30	-0.260667	2.673685	0.923055	-5.74662	5.22528

{4}-{6}	No*180	Yes*60	1.023333	2.673685	0.704907	-4.46262	6.50928
{4}-{7}	No*180	Yes*120	1.607333	2.673685	0.552742	-3.87862	7.09328
{4}-{8}	No*180	Yes*180	1.899333	2.673685	0.483560	-3.58662	7.38528
{5}-{6}	Yes*30	Yes*60	1.284000	1.900629	0.505062	-2.61577	5.18377
{5}-{7}	Yes*30	Yes*120	1.868000	1.900629	0.334416	-2.03177	5.76777
{5}-{8}	Yes*30	Yes*180	2.160000	1.900629	0.265748	-1.73977	6.05977
{6}-{7}	Yes*60	Yes*120	0.584000	1.900629	0.760998	-3.31577	4.48377
{6}-{8}	Yes*60	Yes*180	0.876000	1.900629	0.648562	-3.02377	4.77577
{7}-{8}	Yes*120	Yes*180	0.292000	1.900629	0.879041	-3.60777	4.19177

**u. STR (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=1.1841, p=.33432

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	No	30	48.40667	2.537820	43.19949	53.61384	30
2	No	60	49.49333	2.537820	44.28616	54.70051	30
3	No	120	45.43333	2.537820	40.22616	50.64051	30
4	No	180	41.52000	2.537820	36.31282	46.72718	30



5	Yes	30	41.97600	2.780042	36.27182	47.68018	25
6	Yes	60	39.04400	2.780042	33.33982	44.74818	25
7	Yes	120	38.21200	2.780042	32.50782	43.91618	25
8	Yes	180	37.93600	2.780042	32.23182	43.64018	25

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	-1.08667	2.473974	0.663984	-6.16284	3.98951
{1}-{3}	No*30	No*120	2.97333	2.473974	0.239859	-2.10284	8.04951
{1}-{4}	No*30	No*180	6.88667	2.473974	0.009696	1.81049	11.96284
{1}-{5}	No*30	Yes*30	6.43067	3.764195	0.099040	-1.29282	14.15416
{1}-{6}	No*30	Yes*60	9.36267	3.764195	0.019346	1.63918	17.08616
{1}-{7}	No*30	Yes*120	10.19467	3.764195	0.011592	2.47118	17.91816
{1}-{8}	No*30	Yes*180	10.47067	3.764195	0.009742	2.74718	18.19416
{2}-{3}	No*60	No*120	4.06000	2.473974	0.112379	-1.01618	9.13618

{2}-{4}	No*60	No*180	7.97333	2.473974	0.003304	2.89716	13.04951
{2}-{5}	No*60	Yes*30	7.51733	3.764195	0.055989	-0.20616	15.24082
{2}-{6}	No*60	Yes*60	10.44933	3.764195	0.009875	2.72584	18.17282
{2}-{7}	No*60	Yes*120	11.28133	3.764195	0.005788	3.55784	19.00482
{2}-{8}	No*60	Yes*180	11.55733	3.764195	0.004832	3.83384	19.28082
{3}-{4}	No*120	No*180	3.91333	2.473974	0.125340	-1.16284	8.98951
{3}-{5}	No*120	Yes*30	3.45733	3.764195	0.366501	-4.26616	11.18082
{3}-{6}	No*120	Yes*60	6.38933	3.764195	0.101121	-1.33416	14.11282
{3}-{7}	No*120	Yes*120	7.22133	3.764195	0.065688	-0.50216	14.94482
{3}-{8}	No*120	Yes*180	7.49733	3.764195	0.056602	-0.22616	15.22082
{4}-{5}	No*180	Yes*30	-0.45600	3.764195	0.904476	-8.17949	7.26749
{4}-{6}	No*180	Yes*60	2.47600	3.764195	0.516251	-5.24749	10.19949
{4}-{7}	No*180	Yes*120	3.30800	3.764195	0.387260	-4.41549	11.03149
{4}-{8}	No*180	Yes*180	3.58400	3.764195	0.349478	-4.13949	11.30749
{5}-{6}	Yes*30	Yes*60	2.93200	2.710103	0.288875	-2.62867	8.49267
{5}-{7}	Yes*30	Yes*120	3.76400	2.710103	0.176221	-1.79667	9.32467
{5}-{8}	Yes*30	Yes*180	4.04000	2.710103	0.147627	-1.52067	9.60067
{6}-{7}	Yes*60	Yes*120	0.83200	2.710103	0.761199	-4.72867	6.39267
{6}-{8}	Yes*60	Yes*180	1.10800	2.710103	0.685881	-4.45267	6.66867

{7}-{8}	Yes*120	Yes*180	0.27600	2.710103	0.919635	-5.28467	5.83667
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**v. WOB (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=.83395, p=.48698

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	No	30	42.14333	4.773642	32.34863	51.93804	30
2	No	60	41.33000	4.773642	31.53530	51.12470	30
3	No	120	37.19000	4.773642	27.39530	46.98470	30
4	No	180	31.29000	4.773642	21.49530	41.08470	30
5	Yes	30	32.23200	5.229263	21.50244	42.96156	25
6	Yes	60	42.94800	5.229263	32.21844	53.67756	25
7	Yes	120	29.88800	5.229263	19.15844	40.61756	25
8	Yes	180	29.35600	5.229263	18.62644	40.08556	25

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

<b>Comparisons</b> <b>Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
{1}-{2}	No*30	No*60	0.8133	5.428293	0.882011	-10.3246	11.95127
{1}-{3}	No*30	No*120	4.9533	5.428293	0.369580	-6.1846	16.09127
{1}-{4}	No*30	No*180	10.8533	5.428293	0.055721	-0.2846	21.99127
{1}-{5}	No*30	Yes*30	9.9113	7.080455	0.172954	-4.6166	24.43923
{1}-{6}	No*30	Yes*60	-0.8047	7.080455	0.910359	-15.3326	13.72323
{1}-{7}	No*30	Yes*120	12.2553	7.080455	0.094890	-2.2726	26.78323
{1}-{8}	No*30	Yes*180	12.7873	7.080455	0.082078	-1.7406	27.31523
{2}-{3}	No*60	No*120	4.1400	5.428293	0.452272	-6.9979	15.27794
{2}-{4}	No*60	No*180	10.0400	5.428293	0.075351	-1.0979	21.17794
{2}-{5}	No*60	Yes*30	9.0980	7.080455	0.209726	-5.4299	23.62589
{2}-{6}	No*60	Yes*60	-1.6180	7.080455	0.820967	-16.1459	12.90989
{2}-{7}	No*60	Yes*120	11.4420	7.080455	0.117721	-3.0859	25.96989
{2}-{8}	No*60	Yes*180	11.9740	7.080455	0.102324	-2.5539	26.50189
{3}-{4}	No*120	No*180	5.9000	5.428293	0.286690	-5.2379	17.03794
{3}-{5}	No*120	Yes*30	4.9580	7.080455	0.489769	-9.5699	19.48589
{3}-{6}	No*120	Yes*60	-5.7580	7.080455	0.423203	-20.2859	8.76989

{3}-{7}	No*120	Yes*120	7.3020	7.080455	0.311555	-7.2259	21.82989
{3}-{8}	No*120	Yes*180	7.8340	7.080455	0.278303	-6.6939	22.36189
{4}-{5}	No*180	Yes*30	-0.9420	7.080455	0.895147	-15.4699	13.58589
{4}-{6}	No*180	Yes*60	-11.6580	7.080455	0.111252	-26.1859	2.86989
{4}-{7}	No*180	Yes*120	1.4020	7.080455	0.844521	-13.1259	15.92989
{4}-{8}	No*180	Yes*180	1.9340	7.080455	0.786819	-12.5939	16.46189
{5}-{6}	Yes*30	Yes*60	-10.7160	5.946398	0.082706	-22.9170	1.48500
{5}-{7}	Yes*30	Yes*120	2.3440	5.946398	0.696538	-9.8570	14.54500
{5}-{8}	Yes*30	Yes*180	2.8760	5.946398	0.632531	-9.3250	15.07700
{6}-{7}	Yes*60	Yes*120	13.0600	5.946398	0.036840	0.8590	25.26100
{6}-{8}	Yes*60	Yes*180	13.5920	5.946398	0.030341	1.3910	25.79300
{7}-{8}	Yes*120	Yes*180	0.5320	5.946398	0.929372	-11.6690	12.73300

**w. ALH (µm/s)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=1.8973, p=.15388

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	No	30	7.516667	0.613561	6.257744	8.775589	30

2	No	60	7.086667	0.613561	5.827744	8.345589	30
3	No	120	7.196667	0.613561	5.937744	8.455589	30
4	No	180	6.073333	0.613561	4.814411	7.332256	30
5	Yes	30	6.272000	0.672122	4.892920	7.651080	25
6	Yes	60	6.660000	0.672122	5.280920	8.039080	25
7	Yes	120	4.828000	0.672122	3.448920	6.207080	25
8	Yes	180	5.924000	0.672122	4.544920	7.303080	25

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	0.43000	0.689485	0.538089	-0.98471	1.844707
{1}-{3}	No*30	No*120	0.32000	0.689485	0.646286	-1.09471	1.734707
{1}-{4}	No*30	No*180	1.44333	0.689485	0.045845	0.02863	2.858041
{1}-{5}	No*30	Yes*30	1.24467	0.910057	0.182690	-0.62262	3.111950
{1}-{6}	No*30	Yes*60	0.85667	0.910057	0.354881	-1.01062	2.723950

{1}-{7}	No*30	Yes*120	2.68867	0.910057	0.006423	0.82138	4.555950
{1}-{8}	No*30	Yes*180	1.59267	0.910057	0.091464	-0.27462	3.459950
{2}-{3}	No*60	No*120	-0.11000	0.689485	0.874432	-1.52471	1.304707
{2}-{4}	No*60	No*180	1.01333	0.689485	0.153202	-0.40137	2.428041
{2}-{5}	No*60	Yes*30	0.81467	0.910057	0.378601	-1.05262	2.681950
{2}-{6}	No*60	Yes*60	0.42667	0.910057	0.642951	-1.44062	2.293950
{2}-{7}	No*60	Yes*120	2.25867	0.910057	0.019585	0.39138	4.125950
{2}-{8}	No*60	Yes*180	1.16267	0.910057	0.212276	-0.70462	3.029950
{3}-{4}	No*120	No*180	1.12333	0.689485	0.114877	-0.29137	2.538041
{3}-{5}	No*120	Yes*30	0.92467	0.910057	0.318623	-0.94262	2.791950
{3}-{6}	No*120	Yes*60	0.53667	0.910057	0.560290	-1.33062	2.403950
{3}-{7}	No*120	Yes*120	2.36867	0.910057	0.014838	0.50138	4.235950
{3}-{8}	No*120	Yes*180	1.27267	0.910057	0.173361	-0.59462	3.139950
{4}-{5}	No*180	Yes*30	-0.19867	0.910057	0.828836	-2.06595	1.668617
{4}-{6}	No*180	Yes*60	-0.58667	0.910057	0.524595	-2.45395	1.280617
{4}-{7}	No*180	Yes*120	1.24533	0.910057	0.182463	-0.62195	3.112617
{4}-{8}	No*180	Yes*180	0.14933	0.910057	0.870881	-1.71795	2.016617
{5}-{6}	Yes*30	Yes*60	-0.38800	0.755293	0.611635	-1.93773	1.161734
{5}-{7}	Yes*30	Yes*120	1.44400	0.755293	0.066563	-0.10573	2.993734

{5}-{8}	Yes*30	Yes*180	0.34800	0.755293	0.648669	-1.20173	1.897734
{6}-{7}	Yes*60	Yes*120	1.83200	0.755293	0.022246	0.28227	3.381734
{6}-{8}	Yes*60	Yes*180	0.73600	0.755293	0.338481	-0.81373	2.285734
{7}-{8}	Yes*120	Yes*180	-1.09600	0.755293	0.158275	-2.64573	0.453734

**x. BCF (Hz)**

Obese (Y/N)*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(3, 27)=1.0368, p=.39207							
Type III decomposition							
Cell No.	Obese (Y/N)	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	No	30	7.120000	0.985155	5.098628	9.141372	30
2	No	60	4.733333	0.985155	2.711961	6.754705	30
3	No	120	4.866667	0.985155	2.845295	6.888039	30
4	No	180	2.966667	0.985155	0.945295	4.988039	30
5	Yes	30	3.356000	1.079184	1.141698	5.570302	25
6	Yes	60	3.064000	1.079184	0.849698	5.278302	25
7	Yes	120	2.860000	1.079184	0.645698	5.074302	25
8	Yes	180	2.828000	1.079184	0.613698	5.042302	25



LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	2.386667	1.393220	0.098164	-0.47198	5.245318
{1}-{3}	No*30	No*120	2.253333	1.393220	0.117427	-0.60532	5.111985
{1}-{4}	No*30	No*180	4.153333	1.393220	0.006018	1.29468	7.011985
{1}-{5}	No*30	Yes*30	3.764000	1.461222	0.015789	0.76582	6.762179
{1}-{6}	No*30	Yes*60	4.056000	1.461222	0.009880	1.05782	7.054179
{1}-{7}	No*30	Yes*120	4.260000	1.461222	0.007063	1.26182	7.258179
{1}-{8}	No*30	Yes*180	4.292000	1.461222	0.006697	1.29382	7.290179
{2}-{3}	No*60	No*120	-0.133333	1.393220	0.924464	-2.99198	2.725318
{2}-{4}	No*60	No*180	1.766667	1.393220	0.215608	-1.09198	4.625318
{2}-{5}	No*60	Yes*30	1.377333	1.461222	0.354249	-1.62085	4.375512
{2}-{6}	No*60	Yes*60	1.669333	1.461222	0.263308	-1.32885	4.667512
{2}-{7}	No*60	Yes*120	1.873333	1.461222	0.210731	-1.12485	4.871512
{2}-{8}	No*60	Yes*180	1.905333	1.461222	0.203265	-1.09285	4.903512

{3}-{4}	No*120	No*180	1.900000	1.393220	0.183910	-0.95865	4.758651
{3}-{5}	No*120	Yes*30	1.510667	1.461222	0.310384	-1.48751	4.508846
{3}-{6}	No*120	Yes*60	1.802667	1.461222	0.227957	-1.19551	4.800846
{3}-{7}	No*120	Yes*120	2.006667	1.461222	0.180963	-0.99151	5.004846
{3}-{8}	No*120	Yes*180	2.038667	1.461222	0.174333	-0.95951	5.036846
{4}-{5}	No*180	Yes*30	-0.389333	1.461222	0.791922	-3.38751	2.608846
{4}-{6}	No*180	Yes*60	-0.097333	1.461222	0.947382	-3.09551	2.900846
{4}-{7}	No*180	Yes*120	0.106667	1.461222	0.942346	-2.89151	3.104846
{4}-{8}	No*180	Yes*180	0.138667	1.461222	0.925097	-2.85951	3.136846
{5}-{6}	Yes*30	Yes*60	0.292000	1.526196	0.849702	-2.83950	3.423496
{5}-{7}	Yes*30	Yes*120	0.496000	1.526196	0.747693	-2.63550	3.627496
{5}-{8}	Yes*30	Yes*180	0.528000	1.526196	0.732055	-2.60350	3.659496
{6}-{7}	Yes*60	Yes*120	0.204000	1.526196	0.894658	-2.92750	3.335496
{6}-{8}	Yes*60	Yes*180	0.236000	1.526196	0.878261	-2.89550	3.367496
{7}-{8}	Yes*120	Yes*180	0.032000	1.526196	0.983426	-3.09950	3.163496

**z. Viable cells (%)**

Obese (Y/N)\*Time Point; LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(3, 27)=3.2088, p=.03879

Type III decomposition

Cell No.	Obese (Y/N)	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	No	30	77.56667	1.343429	74.81018	80.32316	30
2	No	60	76.53333	1.343429	73.77684	79.28982	30
3	No	120	69.66667	1.343429	66.91018	72.42316	30
4	No	180	66.43333	1.343429	63.67684	69.18982	30
5	Yes	30	68.64000	1.471653	65.62042	71.65958	25
6	Yes	60	59.36000	1.471653	56.34042	62.37958	25
7	Yes	120	54.12000	1.471653	51.10042	57.13958	25
8	Yes	180	52.84000	1.471653	49.82042	55.85958	25

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Obese (Y/N)\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	No*30	No*60	1.03333	1.899896	0.590981	-2.86493	4.93160
{1}-{3}	No*30	No*120	7.90000	1.899896	0.000291	4.00174	11.79826

{1}-{4}	No*30	No*180	11.13333	1.899896	0.000003	7.23507	15.03160
{1}-{5}	No*30	Yes*30	8.92667	1.992628	0.000123	4.83813	13.01520
{1}-{6}	No*30	Yes*60	18.20667	1.992628	0.000000	14.11813	22.29520
{1}-{7}	No*30	Yes*120	23.44667	1.992628	0.000000	19.35813	27.53520
{1}-{8}	No*30	Yes*180	24.72667	1.992628	0.000000	20.63813	28.81520
{2}-{3}	No*60	No*120	6.86667	1.899896	0.001216	2.96840	10.76493
{2}-{4}	No*60	No*180	10.10000	1.899896	0.000013	6.20174	13.99826
{2}-{5}	No*60	Yes*30	7.89333	1.992628	0.000490	3.80480	11.98187
{2}-{6}	No*60	Yes*60	17.17333	1.992628	0.000000	13.08480	21.26187
{2}-{7}	No*60	Yes*120	22.41333	1.992628	0.000000	18.32480	26.50187
{2}-{8}	No*60	Yes*180	23.69333	1.992628	0.000000	19.60480	27.78187
{3}-{4}	No*120	No*180	3.23333	1.899896	0.100273	-0.66493	7.13160
{3}-{5}	No*120	Yes*30	1.02667	1.992628	0.610583	-3.06187	5.11520
{3}-{6}	No*120	Yes*60	10.30667	1.992628	0.000019	6.21813	14.39520
{3}-{7}	No*120	Yes*120	15.54667	1.992628	0.000000	11.45813	19.63520
{3}-{8}	No*120	Yes*180	16.82667	1.992628	0.000000	12.73813	20.91520
{4}-{5}	No*180	Yes*30	-2.20667	1.992628	0.277883	-6.29520	1.88187
{4}-{6}	No*180	Yes*60	7.07333	1.992628	0.001437	2.98480	11.16187
{4}-{7}	No*180	Yes*120	12.31333	1.992628	0.000001	8.22480	16.40187

{4}-{8}	No*180	Yes*180	13.59333	1.992628	0.000000	9.50480	17.68187
{5}-{6}	Yes*30	Yes*60	9.28000	2.081232	0.000130	5.00967	13.55033
{5}-{7}	Yes*30	Yes*120	14.52000	2.081232	0.000000	10.24967	18.79033
{5}-{8}	Yes*30	Yes*180	15.80000	2.081232	0.000000	11.52967	20.07033
{6}-{7}	Yes*60	Yes*120	5.24000	2.081232	0.018048	0.96967	9.51033
{6}-{8}	Yes*60	Yes*180	6.52000	2.081232	0.004139	2.24967	10.79033
{7}-{8}	Yes*120	Yes*180	1.28000	2.081232	0.543690	-2.99033	5.55033

**3. Tables containing standard error means and significant differences of the effects of increasing concentrations of *in vitro* nicotine exposure and presence of obesity on the spermatozoal functional parameters of Wistar rats (significance indicated in red):**

**a. Static Motile Cells (%)**

Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=.50257, p=.73401							
Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	0	No	19.08333	4.126860	10.71367	27.45299	24
2	0	Yes	20.75000	4.520749	11.58150	29.91850	20
3	1	No	22.38750	4.126860	14.01784	30.75716	24
4	1	Yes	21.98000	4.520749	12.81150	31.14850	20
5	2	No	23.13333	4.126860	14.76367	31.50299	24
6	2	Yes	24.64500	4.520749	15.47650	33.81350	20
7	3	No	23.15000	4.126860	14.78034	31.51966	24
8	3	Yes	21.09000	4.520749	11.92150	30.25850	20
9	4	No	23.73333	4.126860	15.36367	32.10299	24

10	4	Yes	21.82500	4.520749	12.65650	30.99350	20
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LSD test; variable static-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-1.66667	6.121122	0.786961	-14.0809	10.74755
{1}-{3}	0*No	1*No	-3.30417	2.408495	0.178590	-8.1888	1.58049
{1}-{4}	0*No	1*Yes	-2.89667	6.121122	0.638910	-15.3109	9.51755
{1}-{5}	0*No	2*No	-4.05000	2.408495	0.101313	-8.9347	0.83465
{1}-{6}	0*No	2*Yes	-5.56167	6.121122	0.369603	-17.9759	6.85255
{1}-{7}	0*No	3*No	-4.06667	2.408495	0.099967	-8.9513	0.81799
{1}-{8}	0*No	3*Yes	-2.00667	6.121122	0.744942	-14.4209	10.40755
{1}-{9}	0*No	4*No	-4.65000	2.408495	0.061430	-9.5347	0.23465
{1}-{10}	0*No	4*Yes	-2.74167	6.121122	0.656907	-15.1559	9.67255
{2}-{3}	0*Yes	1*No	-1.63750	6.121122	0.790598	-14.0517	10.77671
{2}-{4}	0*Yes	1*Yes	-1.23000	2.638374	0.643884	-6.5809	4.12087

{2}-{5}	0*Yes	2*No	-2.38333	6.121122	0.699302	-14.7975	10.03088
{2}-{6}	0*Yes	2*Yes	-3.89500	2.638374	0.148561	-9.2459	1.45587
{2}-{7}	0*Yes	3*No	-2.40000	6.121122	0.697307	-14.8142	10.01421
{2}-{8}	0*Yes	3*Yes	-0.34000	2.638374	0.898180	-5.6909	5.01087
{2}-{9}	0*Yes	4*No	-2.98333	6.121122	0.628942	-15.3975	9.43088
{2}-{10}	0*Yes	4*Yes	-1.07500	2.638374	0.686092	-6.4259	4.27587
{3}-{4}	1*No	1*Yes	0.40750	6.121122	0.947290	-12.0067	12.82171
{3}-{5}	1*No	2*No	-0.74583	2.408495	0.758599	-5.6305	4.13882
{3}-{6}	1*No	2*Yes	-2.25750	6.121122	0.714433	-14.6717	10.15671
{3}-{7}	1*No	3*No	-0.76250	2.408495	0.753385	-5.6472	4.12215
{3}-{8}	1*No	3*Yes	1.29750	6.121122	0.833325	-11.1167	13.71171
{3}-{9}	1*No	4*No	-1.34583	2.408495	0.579767	-6.2305	3.53882
{3}-{10}	1*No	4*Yes	0.56250	6.121122	0.927291	-11.8517	12.97671
{4}-{5}	1*Yes	2*No	-1.15333	6.121122	0.851607	-13.5675	11.26088
{4}-{6}	1*Yes	2*Yes	-2.66500	2.638374	0.319192	-8.0159	2.68587
{4}-{7}	1*Yes	3*No	-1.17000	6.121122	0.849489	-13.5842	11.24421
{4}-{8}	1*Yes	3*Yes	0.89000	2.638374	0.737828	-4.4609	6.24087
{4}-{9}	1*Yes	4*No	-1.75333	6.121122	0.776183	-14.1675	10.66088
{4}-{10}	1*Yes	4*Yes	0.15500	2.638374	0.953477	-5.1959	5.50587



{5}-{6}	2*No	2*Yes	-1.51167	6.121122	0.806343	-13.9259	10.90255
{5}-{7}	2*No	3*No	-0.01667	2.408495	0.994517	-4.9013	4.86799
{5}-{8}	2*No	3*Yes	2.04333	6.121122	0.740455	-10.3709	14.45755
{5}-{9}	2*No	4*No	-0.60000	2.408495	0.804685	-5.4847	4.28465
{5}-{10}	2*No	4*Yes	1.30833	6.121122	0.831955	-11.1059	13.72255
{6}-{7}	2*Yes	3*No	1.49500	6.121122	0.808435	-10.9192	13.90921
{6}-{8}	2*Yes	3*Yes	3.55500	2.638374	0.186264	-1.7959	8.90587
{6}-{9}	2*Yes	4*No	0.91167	6.121122	0.882434	-11.5025	13.32588
{6}-{10}	2*Yes	4*Yes	2.82000	2.638374	0.292256	-2.5309	8.17087
{7}-{8}	3*No	3*Yes	2.06000	6.121122	0.738418	-10.3542	14.47421
{7}-{9}	3*No	4*No	-0.58333	2.408495	0.810001	-5.4680	4.30132
{7}-{10}	3*No	4*Yes	1.32500	6.121122	0.829848	-11.0892	13.73921
{8}-{9}	3*Yes	4*No	-2.64333	6.121122	0.668435	-15.0575	9.77088
{8}-{10}	3*Yes	4*Yes	-0.73500	2.638374	0.782161	-6.0859	4.61587
{9}-{10}	4*No	4*Yes	1.90833	6.121122	0.757020	-10.5059	14.32255

### b. Non-Progressive Motile Cells (%)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.44032, p=.77861

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	0	No	72.48333	3.683401	65.01305	79.95362	24
2	0	Yes	75.93500	4.034964	67.75171	84.11829	20
3	1	No	70.55417	3.683401	63.08388	78.02445	24
4	1	Yes	74.70000	4.034964	66.51671	82.88329	20
5	2	No	71.02083	3.683401	63.55055	78.49112	24
6	2	Yes	72.71500	4.034964	64.53171	80.89829	20
7	3	No	71.49167	3.683401	64.02138	78.96195	24
8	3	Yes	77.11000	4.034964	68.92671	85.29329	20
9	4	No	72.56667	3.683401	65.09638	80.03695	24
10	4	Yes	76.14500	4.034964	67.96171	84.32829	20

LSD test; variable NP motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	0*No	0*Yes	-3.45167	5.463367	0.531520	-14.5319	7.62856
{1}-{3}	0*No	1*No	1.92917	2.029327	0.348124	-2.1865	6.04483
{1}-{4}	0*No	1*Yes	-2.21667	5.463367	0.687340	-13.2969	8.86356
{1}-{5}	0*No	2*No	1.46250	2.029327	0.475759	-2.6532	5.57817
{1}-{6}	0*No	2*Yes	-0.23167	5.463367	0.966411	-11.3119	10.84856
{1}-{7}	0*No	3*No	0.99167	2.029327	0.628041	-3.1240	5.10733
{1}-{8}	0*No	3*Yes	-4.62667	5.463367	0.402672	-15.7069	6.45356
{1}-{9}	0*No	4*No	-0.08333	2.029327	0.967471	-4.1990	4.03233
{1}-{10}	0*No	4*Yes	-3.66167	5.463367	0.506993	-14.7419	7.41856
{2}-{3}	0*Yes	1*No	5.38083	5.463367	0.331250	-5.6994	16.46106
{2}-{4}	0*Yes	1*Yes	1.23500	2.223017	0.581954	-3.2735	5.74349
{2}-{5}	0*Yes	2*No	4.91417	5.463367	0.374377	-6.1661	15.99439
{2}-{6}	0*Yes	2*Yes	3.22000	2.223017	0.156137	-1.2885	7.72849
{2}-{7}	0*Yes	3*No	4.44333	5.463367	0.421395	-6.6369	15.52356
{2}-{8}	0*Yes	3*Yes	-1.17500	2.223017	0.600354	-5.6835	3.33349
{2}-{9}	0*Yes	4*No	3.36833	5.463367	0.541424	-7.7119	14.44856
{2}-{10}	0*Yes	4*Yes	-0.21000	2.223017	0.925263	-4.7185	4.29849
{3}-{4}	1*No	1*Yes	-4.14583	5.463367	0.452887	-15.2261	6.93439
{3}-{5}	1*No	2*No	-0.46667	2.029327	0.819424	-4.5823	3.64900

{3}-{6}	1*No	2*Yes	-2.16083	5.463367	0.694798	-13.2411	8.91939
{3}-{7}	1*No	3*No	-0.93750	2.029327	0.646879	-5.0532	3.17817
{3}-{8}	1*No	3*Yes	-6.55583	5.463367	0.237992	-17.6361	4.52439
{3}-{9}	1*No	4*No	-2.01250	2.029327	0.327959	-6.1282	2.10317
{3}-{10}	1*No	4*Yes	-5.59083	5.463367	0.312979	-16.6711	5.48939
{4}-{5}	1*Yes	2*No	3.67917	5.463367	0.504978	-7.4011	14.75939
{4}-{6}	1*Yes	2*Yes	1.98500	2.223017	0.377825	-2.5235	6.49349
{4}-{7}	1*Yes	3*No	3.20833	5.463367	0.560705	-7.8719	14.28856
{4}-{8}	1*Yes	3*Yes	-2.41000	2.223017	0.285522	-6.9185	2.09849
{4}-{9}	1*Yes	4*No	2.13333	5.463367	0.698483	-8.9469	13.21356
{4}-{10}	1*Yes	4*Yes	-1.44500	2.223017	0.519808	-5.9535	3.06349
{5}-{6}	2*No	2*Yes	-1.69417	5.463367	0.758276	-12.7744	9.38606
{5}-{7}	2*No	3*No	-0.47083	2.029327	0.817841	-4.5865	3.64483
{5}-{8}	2*No	3*Yes	-6.08917	5.463367	0.272431	-17.1694	4.99106
{5}-{9}	2*No	4*No	-1.54583	2.029327	0.451173	-5.6615	2.56983
{5}-{10}	2*No	4*Yes	-5.12417	5.463367	0.354539	-16.2044	5.95606
{6}-{7}	2*Yes	3*No	1.22333	5.463367	0.824089	-9.8569	12.30356
{6}-{8}	2*Yes	3*Yes	-4.39500	2.223017	0.055734	-8.9035	0.11349
{6}-{9}	2*Yes	4*No	0.14833	5.463367	0.978490	-10.9319	11.22856

{6}-{10}	2*Yes	4*Yes	-3.43000	2.223017	0.131589	-7.9385	1.07849
{7}-{8}	3*No	3*Yes	-5.61833	5.463367	0.310639	-16.6986	5.46189
{7}-{9}	3*No	4*No	-1.07500	2.029327	0.599550	-5.1907	3.04067
{7}-{10}	3*No	4*Yes	-4.65333	5.463367	0.399993	-15.7336	6.42689
{8}-{9}	3*Yes	4*No	4.54333	5.463367	0.411117	-6.5369	15.62356
{8}-{10}	3*Yes	4*Yes	0.96500	2.223017	0.666810	-3.5435	5.47349
{9}-{10}	4*No	4*Yes	-3.57833	5.463367	0.516651	-14.6586	7.50189

### c. Progressive Motile Cells (%)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.1235, p=.36074

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	0	No	8.433333	1.216476	5.966205	10.90046	24
2	0	Yes	3.315000	1.332583	0.612396	6.01760	20
3	1	No	7.037500	1.216476	4.570372	9.50463	24
4	1	Yes	3.320000	1.332583	0.617396	6.02260	20
5	2	No	5.837500	1.216476	3.370372	8.30463	24
6	2	Yes	2.630000	1.332583	-0.072604	5.33260	20

7	3	No	5.350000	1.216476	2.882872	7.81713	24
8	3	Yes	1.810000	1.332583	-0.892604	4.51260	20
9	4	No	3.704167	1.216476	1.237038	6.17130	24
10	4	Yes	2.030000	1.332583	-0.672604	4.73260	20

LSD test; variable P motile-prog (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	5.11833	1.804326	0.007438	1.45899	8.77768
{1}-{3}	0*No	1*No	1.39583	1.108601	0.216100	-0.85251	3.64418
{1}-{4}	0*No	1*Yes	5.11333	1.804326	0.007491	1.45399	8.77268
{1}-{5}	0*No	2*No	2.59583	1.108601	0.024857	0.34749	4.84418
{1}-{6}	0*No	2*Yes	5.80333	1.804326	0.002744	2.14399	9.46268
{1}-{7}	0*No	3*No	3.08333	1.108601	0.008562	0.83499	5.33168
{1}-{8}	0*No	3*Yes	6.62333	1.804326	0.000778	2.96399	10.28268
{1}-{9}	0*No	4*No	4.72917	1.108601	0.000138	2.48082	6.97751

{1}-{10}	0*No	4*Yes	6.40333	1.804326	0.001098	2.74399	10.06268
{2}-{3}	0*Yes	1*No	-3.72250	1.804326	0.046372	-7.38184	-0.06316
{2}-{4}	0*Yes	1*Yes	-0.00500	1.214412	0.996738	-2.46794	2.45794
{2}-{5}	0*Yes	2*No	-2.52250	1.804326	0.170659	-6.18184	1.13684
{2}-{6}	0*Yes	2*Yes	0.68500	1.214412	0.576211	-1.77794	3.14794
{2}-{7}	0*Yes	3*No	-2.03500	1.804326	0.266846	-5.69434	1.62434
{2}-{8}	0*Yes	3*Yes	1.50500	1.214412	0.223260	-0.95794	3.96794
{2}-{9}	0*Yes	4*No	-0.38917	1.804326	0.830450	-4.04851	3.27018
{2}-{10}	0*Yes	4*Yes	1.28500	1.214412	0.297047	-1.17794	3.74794
{3}-{4}	1*No	1*Yes	3.71750	1.804326	0.046651	0.05816	7.37684
{3}-{5}	1*No	2*No	1.20000	1.108601	0.286252	-1.04835	3.44835
{3}-{6}	1*No	2*Yes	4.40750	1.804326	0.019614	0.74816	8.06684
{3}-{7}	1*No	3*No	1.68750	1.108601	0.136698	-0.56085	3.93585
{3}-{8}	1*No	3*Yes	5.22750	1.804326	0.006370	1.56816	8.88684
{3}-{9}	1*No	4*No	3.33333	1.108601	0.004791	1.08499	5.58168
{3}-{10}	1*No	4*Yes	5.00750	1.804326	0.008693	1.34816	8.66684
{4}-{5}	1*Yes	2*No	-2.51750	1.804326	0.171486	-6.17684	1.14184
{4}-{6}	1*Yes	2*Yes	0.69000	1.214412	0.573443	-1.77294	3.15294
{4}-{7}	1*Yes	3*No	-2.03000	1.804326	0.268003	-5.68934	1.62934

{4}-{8}	1*Yes	3*Yes	1.51000	1.214412	0.221757	-0.95294	3.97294
{4}-{9}	1*Yes	4*No	-0.38417	1.804326	0.832595	-4.04351	3.27518
{4}-{10}	1*Yes	4*Yes	1.29000	1.214412	0.295200	-1.17294	3.75294
{5}-{6}	2*No	2*Yes	3.20750	1.804326	0.083907	-0.45184	6.86684
{5}-{7}	2*No	3*No	0.48750	1.108601	0.662752	-1.76085	2.73585
{5}-{8}	2*No	3*Yes	4.02750	1.804326	0.031919	0.36816	7.68684
{5}-{9}	2*No	4*No	2.13333	1.108601	0.062244	-0.11501	4.38168
{5}-{10}	2*No	4*Yes	3.80750	1.804326	0.041856	0.14816	7.46684
{6}-{7}	2*Yes	3*No	-2.72000	1.804326	0.140412	-6.37934	0.93934
{6}-{8}	2*Yes	3*Yes	0.82000	1.214412	0.503848	-1.64294	3.28294
{6}-{9}	2*Yes	4*No	-1.07417	1.804326	0.555348	-4.73351	2.58518
{6}-{10}	2*Yes	4*Yes	0.60000	1.214412	0.624261	-1.86294	3.06294
{7}-{8}	3*No	3*Yes	3.54000	1.804326	0.057535	-0.11934	7.19934
{7}-{9}	3*No	4*No	1.64583	1.108601	0.146353	-0.60251	3.89418
{7}-{10}	3*No	4*Yes	3.32000	1.804326	0.074021	-0.33934	6.97934
{8}-{9}	3*Yes	4*No	-1.89417	1.804326	0.300810	-5.55351	1.76518
{8}-{10}	3*Yes	4*Yes	-0.22000	1.214412	0.857260	-2.68294	2.24294
{9}-{10}	4*No	4*Yes	1.67417	1.804326	0.359658	-1.98518	5.33351

**d. Total Motile Cells (%)**



Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 13Aug2013.stw)

Current effect: F(4, 36)=.50537, p=.73201

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	0	No	80.91667	4.128297	72.54409	89.28924	24
2	0	Yes	79.25000	4.522323	70.07830	88.42170	20
3	1	No	77.59167	4.128297	69.21909	85.96424	24
4	1	Yes	78.02000	4.522323	68.84830	87.19170	20
5	2	No	76.85833	4.128297	68.48576	85.23091	24
6	2	Yes	75.34500	4.522323	66.17330	84.51670	20
7	3	No	76.84167	4.128297	68.46909	85.21424	24
8	3	Yes	78.92000	4.522323	69.74830	88.09170	20
9	4	No	76.27083	4.128297	67.89826	84.64341	24
10	4	Yes	78.17500	4.522323	69.00330	87.34670	20

LSD test; variable Total Motile (Rat Results- Final in Analysis - 13Aug2013.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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<b>Comparisons</b>							
<b>Cell {#1}-{#2}</b>							
{1}-{2}	0*No	0*Yes	1.66667	6.123254	0.787034	-10.7519	14.08520
{1}-{3}	0*No	1*No	3.32500	2.408014	0.175852	-1.5587	8.20868
{1}-{4}	0*No	1*Yes	2.89667	6.123254	0.639026	-9.5219	15.31520
{1}-{5}	0*No	2*No	4.05833	2.408014	0.100573	-0.8253	8.94201
{1}-{6}	0*No	2*Yes	5.57167	6.123254	0.368917	-6.8469	17.99020
{1}-{7}	0*No	3*No	4.07500	2.408014	0.099235	-0.8087	8.95868
{1}-{8}	0*No	3*Yes	1.99667	6.123254	0.746252	-10.4219	14.41520
{1}-{9}	0*No	4*No	4.64583	2.408014	0.061602	-0.2378	9.52951
{1}-{10}	0*No	4*Yes	2.74167	6.123254	0.657019	-9.6769	15.16020
{2}-{3}	0*Yes	1*No	1.65833	6.123254	0.788072	-10.7602	14.07687
{2}-{4}	0*Yes	1*Yes	1.23000	2.637848	0.643818	-4.1198	6.57980
{2}-{5}	0*Yes	2*No	2.39167	6.123254	0.698404	-10.0269	14.81020
{2}-{6}	0*Yes	2*Yes	3.90500	2.637848	0.147473	-1.4448	9.25480
{2}-{7}	0*Yes	3*No	2.40833	6.123254	0.696411	-10.0102	14.82687
{2}-{8}	0*Yes	3*Yes	0.33000	2.637848	0.901139	-5.0198	5.67980
{2}-{9}	0*Yes	4*No	2.97917	6.123254	0.629538	-9.4394	15.39770
{2}-{10}	0*Yes	4*Yes	1.07500	2.637848	0.686033	-4.2748	6.42480

{3}-{4}	1*No	1*Yes	-0.42833	6.123254	0.944619	-12.8469	11.99020
{3}-{5}	1*No	2*No	0.73333	2.408014	0.762471	-4.1503	5.61701
{3}-{6}	1*No	2*Yes	2.24667	6.123254	0.715836	-10.1719	14.66520
{3}-{7}	1*No	3*No	0.75000	2.408014	0.757248	-4.1337	5.63368
{3}-{8}	1*No	3*Yes	-1.32833	6.123254	0.829486	-13.7469	11.09020
{3}-{9}	1*No	4*No	1.32083	2.408014	0.586724	-3.5628	6.20451
{3}-{10}	1*No	4*Yes	-0.58333	6.123254	0.924632	-13.0019	11.83520
{4}-{5}	1*Yes	2*No	1.16167	6.123254	0.850599	-11.2569	13.58020
{4}-{6}	1*Yes	2*Yes	2.67500	2.637848	0.317310	-2.6748	8.02480
{4}-{7}	1*Yes	3*No	1.17833	6.123254	0.848482	-11.2402	13.59687
{4}-{8}	1*Yes	3*Yes	-0.90000	2.637848	0.734946	-6.2498	4.44980
{4}-{9}	1*Yes	4*No	1.74917	6.123254	0.776776	-10.6694	14.16770
{4}-{10}	1*Yes	4*Yes	-0.15500	2.637848	0.953468	-5.5048	5.19480
{5}-{6}	2*No	2*Yes	1.51333	6.123254	0.806200	-10.9052	13.93187
{5}-{7}	2*No	3*No	0.01667	2.408014	0.994516	-4.8670	4.90035
{5}-{8}	2*No	3*Yes	-2.06167	6.123254	0.738302	-14.4802	10.35687
{5}-{9}	2*No	4*No	0.58750	2.408014	0.808634	-4.2962	5.47118
{5}-{10}	2*No	4*Yes	-1.31667	6.123254	0.830960	-13.7352	11.10187
{6}-{7}	2*Yes	3*No	-1.49667	6.123254	0.808291	-13.9152	10.92187

{6}-{8}	2*Yes	3*Yes	-3.57500	2.637848	0.183774	-8.9248	1.77480
{6}-{9}	2*Yes	4*No	-0.92583	6.123254	0.880662	-13.3444	11.49270
{6}-{10}	2*Yes	4*Yes	-2.83000	2.637848	0.290480	-8.1798	2.51980
{7}-{8}	3*No	3*Yes	-2.07833	6.123254	0.736268	-14.4969	10.34020
{7}-{9}	3*No	4*No	0.57083	2.408014	0.813957	-4.3128	5.45451
{7}-{10}	3*No	4*Yes	-1.33333	6.123254	0.828854	-13.7519	11.08520
{8}-{9}	3*Yes	4*No	2.64917	6.123254	0.667857	-9.7694	15.06770
{8}-{10}	3*Yes	4*Yes	0.74500	2.637848	0.779233	-4.6048	6.09480
{9}-{10}	4*No	4*Yes	-1.90417	6.123254	0.757615	-14.3227	10.51437

### e. Rapid (%)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=3.1406, p=.02586

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	0	No	14.31667	2.708388	8.82380	19.80953	24
2	0	Yes	4.76000	2.966890	-1.25713	10.77713	20
3	1	No	11.16667	2.708388	5.67380	16.65953	24

4	1	Yes	4.24500	2.966890	-1.77213	10.26213	20
5	2	No	9.15417	2.708388	3.66130	14.64703	24
6	2	Yes	3.73500	2.966890	-2.28213	9.75213	20
7	3	No	6.97500	2.708388	1.48214	12.46786	24
8	3	Yes	5.27500	2.966890	-0.74213	11.29213	20
9	4	No	4.96250	2.708388	-0.53036	10.45536	24
10	4	Yes	5.29500	2.966890	-0.72213	11.31213	20

LSD test; variable Rapid-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	9.55667	4.017188	0.022787	1.4094	17.70390
{1}-{3}	0*No	1*No	3.15000	2.141222	0.149946	-1.1926	7.49260
{1}-{4}	0*No	1*Yes	10.07167	4.017188	0.016823	1.9244	18.21890
{1}-{5}	0*No	2*No	5.16250	2.141222	0.021138	0.8199	9.50510
{1}-{6}	0*No	2*Yes	10.58167	4.017188	0.012358	2.4344	18.72890

{1}-{7}	0*No	3*No	7.34167	2.141222	0.001535	2.9991	11.68427
{1}-{8}	0*No	3*Yes	9.04167	4.017188	0.030604	0.8944	17.18890
{1}-{9}	0*No	4*No	9.35417	2.141222	0.000101	5.0116	13.69677
{1}-{10}	0*No	4*Yes	9.02167	4.017188	0.030951	0.8744	17.16890
{2}-{3}	0*Yes	1*No	-6.40667	4.017188	0.119497	-14.5539	1.74057
{2}-{4}	0*Yes	1*Yes	0.51500	2.345591	0.827453	-4.2421	5.27208
{2}-{5}	0*Yes	2*No	-4.39417	4.017188	0.281290	-12.5414	3.75307
{2}-{6}	0*Yes	2*Yes	1.02500	2.345591	0.664729	-3.7321	5.78208
{2}-{7}	0*Yes	3*No	-2.21500	4.017188	0.584779	-10.3622	5.93223
{2}-{8}	0*Yes	3*Yes	-0.51500	2.345591	0.827453	-5.2721	4.24208
{2}-{9}	0*Yes	4*No	-0.20250	4.017188	0.960076	-8.3497	7.94473
{2}-{10}	0*Yes	4*Yes	-0.53500	2.345591	0.820869	-5.2921	4.22208
{3}-{4}	1*No	1*Yes	6.92167	4.017188	0.093467	-1.2256	15.06890
{3}-{5}	1*No	2*No	2.01250	2.141222	0.353541	-2.3301	6.35510
{3}-{6}	1*No	2*Yes	7.43167	4.017188	0.072540	-0.7156	15.57890
{3}-{7}	1*No	3*No	4.19167	2.141222	0.058063	-0.1509	8.53427
{3}-{8}	1*No	3*Yes	5.89167	4.017188	0.151163	-2.2556	14.03890
{3}-{9}	1*No	4*No	6.20417	2.141222	0.006365	1.8616	10.54677
{3}-{10}	1*No	4*Yes	5.87167	4.017188	0.152516	-2.2756	14.01890

{4}-{5}	1*Yes	2*No	-4.90917	4.017188	0.229634	-13.0564	3.23807
{4}-{6}	1*Yes	2*Yes	0.51000	2.345591	0.829102	-4.2471	5.26708
{4}-{7}	1*Yes	3*No	-2.73000	4.017188	0.501117	-10.8772	5.41723
{4}-{8}	1*Yes	3*Yes	-1.03000	2.345591	0.663198	-5.7871	3.72708
{4}-{9}	1*Yes	4*No	-0.71750	4.017188	0.859247	-8.8647	7.42973
{4}-{10}	1*Yes	4*Yes	-1.05000	2.345591	0.657089	-5.8071	3.70708
{5}-{6}	2*No	2*Yes	5.41917	4.017188	0.185763	-2.7281	13.56640
{5}-{7}	2*No	3*No	2.17917	2.141222	0.315602	-2.1634	6.52177
{5}-{8}	2*No	3*Yes	3.87917	4.017188	0.340666	-4.2681	12.02640
{5}-{9}	2*No	4*No	4.19167	2.141222	0.058063	-0.1509	8.53427
{5}-{10}	2*No	4*Yes	3.85917	4.017188	0.343130	-4.2881	12.00640
{6}-{7}	2*Yes	3*No	-3.24000	4.017188	0.425231	-11.3872	4.90723
{6}-{8}	2*Yes	3*Yes	-1.54000	2.345591	0.515645	-6.2971	3.21708
{6}-{9}	2*Yes	4*No	-1.22750	4.017188	0.761698	-9.3747	6.91973
{6}-{10}	2*Yes	4*Yes	-1.56000	2.345591	0.510239	-6.3171	3.19708
{7}-{8}	3*No	3*Yes	1.70000	4.017188	0.674680	-6.4472	9.84723
{7}-{9}	3*No	4*No	2.01250	2.141222	0.353541	-2.3301	6.35510
{7}-{10}	3*No	4*Yes	1.68000	4.017188	0.678283	-6.4672	9.82723
{8}-{9}	3*Yes	4*No	0.31250	4.017188	0.938425	-7.8347	8.45973

{8}-{10}	3*Yes	4*Yes	-0.02000	2.345591	0.993244	-4.7771	4.73708
{9}-{10}	4*No	4*Yes	-0.33250	4.017188	0.934493	-8.4797	7.81473

**f. Medium (%)**

Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=.54375, p=.70463							
Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	0	No	15.57500	2.449643	10.60689	20.54311	24
2	0	Yes	10.19500	2.683449	4.75271	15.63729	20
3	1	No	15.19167	2.449643	10.22356	20.15977	24
4	1	Yes	10.68000	2.683449	5.23771	16.12229	20
5	2	No	14.73333	2.449643	9.76523	19.70144	24
6	2	Yes	9.64000	2.683449	4.19771	15.08229	20
7	3	No	12.80000	2.449643	7.83189	17.76811	24
8	3	Yes	8.52500	2.683449	3.08271	13.96729	20
9	4	No	10.88333	2.449643	5.91523	15.85144	24
10	4	Yes	8.74500	2.683449	3.30271	14.18729	20



LSD test; variable Medium-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	5.38000	3.633407	0.147385	-1.9889	12.74889
{1}-{3}	0*No	1*No	0.38333	1.649789	0.817580	-2.9626	3.72926
{1}-{4}	0*No	1*Yes	4.89500	3.633407	0.186328	-2.4739	12.26389
{1}-{5}	0*No	2*No	0.84167	1.649789	0.613049	-2.5043	4.18759
{1}-{6}	0*No	2*Yes	5.93500	3.633407	0.111091	-1.4339	13.30389
{1}-{7}	0*No	3*No	2.77500	1.649789	0.101218	-0.5709	6.12093
{1}-{8}	0*No	3*Yes	7.05000	3.633407	0.060204	-0.3189	14.41889
{1}-{9}	0*No	4*No	4.69167	1.649789	0.007305	1.3457	8.03759
{1}-{10}	0*No	4*Yes	6.83000	3.633407	0.068251	-0.5389	14.19889
{2}-{3}	0*Yes	1*No	-4.99667	3.633407	0.177567	-12.3656	2.37222
{2}-{4}	0*Yes	1*Yes	-0.48500	1.807253	0.789952	-4.1503	3.18028
{2}-{5}	0*Yes	2*No	-4.53833	3.633407	0.219705	-11.9072	2.83056
{2}-{6}	0*Yes	2*Yes	0.55500	1.807253	0.760540	-3.1103	4.22028

{2}-{7}	0*Yes	3*No	-2.60500	3.633407	0.478026	-9.9739	4.76389
{2}-{8}	0*Yes	3*Yes	1.67000	1.807253	0.361611	-1.9953	5.33528
{2}-{9}	0*Yes	4*No	-0.68833	3.633407	0.850808	-8.0572	6.68056
{2}-{10}	0*Yes	4*Yes	1.45000	1.807253	0.427631	-2.2153	5.11528
{3}-{4}	1*No	1*Yes	4.51167	3.633407	0.222370	-2.8572	11.88056
{3}-{5}	1*No	2*No	0.45833	1.649789	0.782745	-2.8876	3.80426
{3}-{6}	1*No	2*Yes	5.55167	3.633407	0.135264	-1.8172	12.92056
{3}-{7}	1*No	3*No	2.39167	1.649789	0.155804	-0.9543	5.73759
{3}-{8}	1*No	3*Yes	6.66667	3.633407	0.074806	-0.7022	14.03556
{3}-{9}	1*No	4*No	4.30833	1.649789	0.013065	0.9624	7.65426
{3}-{10}	1*No	4*Yes	6.44667	3.633407	0.084476	-0.9222	13.81556
{4}-{5}	1*Yes	2*No	-4.05333	3.633407	0.271996	-11.4222	3.31556
{4}-{6}	1*Yes	2*Yes	1.04000	1.807253	0.568561	-2.6253	4.70528
{4}-{7}	1*Yes	3*No	-2.12000	3.633407	0.563212	-9.4889	5.24889
{4}-{8}	1*Yes	3*Yes	2.15500	1.807253	0.240898	-1.5103	5.82028
{4}-{9}	1*Yes	4*No	-0.20333	3.633407	0.955681	-7.5722	7.16556
{4}-{10}	1*Yes	4*Yes	1.93500	1.807253	0.291437	-1.7303	5.60028
{5}-{6}	2*No	2*Yes	5.09333	3.633407	0.169537	-2.2756	12.46222
{5}-{7}	2*No	3*No	1.93333	1.649789	0.248948	-1.4126	5.27926

{5}-{8}	2*No	3*Yes	6.20833	3.633407	0.096120	-1.1606	13.57722
{5}-{9}	2*No	4*No	3.85000	1.649789	0.025316	0.5041	7.19593
{5}-{10}	2*No	4*Yes	5.98833	3.633407	0.108027	-1.3806	13.35722
{6}-{7}	2*Yes	3*No	-3.16000	3.633407	0.390223	-10.5289	4.20889
{6}-{8}	2*Yes	3*Yes	1.11500	1.807253	0.541145	-2.5503	4.78028
{6}-{9}	2*Yes	4*No	-1.24333	3.633407	0.734194	-8.6122	6.12556
{6}-{10}	2*Yes	4*Yes	0.89500	1.807253	0.623449	-2.7703	4.56028
{7}-{8}	3*No	3*Yes	4.27500	3.633407	0.247084	-3.0939	11.64389
{7}-{9}	3*No	4*No	1.91667	1.649789	0.252976	-1.4293	5.26259
{7}-{10}	3*No	4*Yes	4.05500	3.633407	0.271802	-3.3139	11.42389
{8}-{9}	3*Yes	4*No	-2.35833	3.633407	0.520413	-9.7272	5.01056
{8}-{10}	3*Yes	4*Yes	-0.22000	1.807253	0.903788	-3.8853	3.44528
{9}-{10}	4*No	4*Yes	2.13833	3.633407	0.559858	-5.2306	9.50722

**g. Slow (%)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.9054, p=.13073

Type III decomposition

	Concentration_New	Obese (Y/N)	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
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Cell No.							
1	0	No	51.01250	2.695744	45.54528	56.47972	24
2	0	Yes	64.28500	2.953040	58.29596	70.27404	20
3	1	No	51.25833	2.695744	45.79111	56.72556	24
4	1	Yes	63.11500	2.953040	57.12596	69.10404	20
5	2	No	52.97917	2.695744	47.51194	58.44639	24
6	2	Yes	62.46000	2.953040	56.47096	68.44904	20
7	3	No	57.08333	2.695744	51.61611	62.55056	24
8	3	Yes	65.14500	2.953040	59.15596	71.13404	20
9	4	No	60.41250	2.695744	54.94528	65.87972	24
10	4	Yes	64.14500	2.953040	58.15596	70.13404	20

LSD test; variable Slow-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-13.2725	3.998435	0.002074	-21.3817	-5.16330

{1}-{3}	0*No	1*No	-0.2458	2.558511	0.923986	-5.4347	4.94307
{1}-{4}	0*No	1*Yes	-12.1025	3.998435	0.004546	-20.2117	-3.99330
{1}-{5}	0*No	2*No	-1.9667	2.558511	0.447099	-7.1556	3.22223
{1}-{6}	0*No	2*Yes	-11.4475	3.998435	0.006955	-19.5567	-3.33830
{1}-{7}	0*No	3*No	-6.0708	2.558511	0.023116	-11.2597	-0.88193
{1}-{8}	0*No	3*Yes	-14.1325	3.998435	0.001143	-22.2417	-6.02330
{1}-{9}	0*No	4*No	-9.4000	2.558511	0.000771	-14.5889	-4.21110
{1}-{10}	0*No	4*Yes	-13.1325	3.998435	0.002281	-21.2417	-5.02330
{2}-{3}	0*Yes	1*No	13.0267	3.998435	0.002452	4.9175	21.13587
{2}-{4}	0*Yes	1*Yes	1.1700	2.802708	0.678826	-4.5142	6.85416
{2}-{5}	0*Yes	2*No	11.3058	3.998435	0.007613	3.1966	19.41503
{2}-{6}	0*Yes	2*Yes	1.8250	2.802708	0.519081	-3.8592	7.50916
{2}-{7}	0*Yes	3*No	7.2017	3.998435	0.080065	-0.9075	15.31087
{2}-{8}	0*Yes	3*Yes	-0.8600	2.802708	0.760728	-6.5442	4.82416
{2}-{9}	0*Yes	4*No	3.8725	3.998435	0.339255	-4.2367	11.98170
{2}-{10}	0*Yes	4*Yes	0.1400	2.802708	0.960437	-5.5442	5.82416
{3}-{4}	1*No	1*Yes	-11.8567	3.998435	0.005339	-19.9659	-3.74747
{3}-{5}	1*No	2*No	-1.7208	2.558511	0.505502	-6.9097	3.46807
{3}-{6}	1*No	2*Yes	-11.2017	3.998435	0.008134	-19.3109	-3.09247

{3}-{7}	1*No	3*No	-5.8250	2.558511	0.028849	-11.0139	-0.63610
{3}-{8}	1*No	3*Yes	-13.8867	3.998435	0.001357	-21.9959	-5.77747
{3}-{9}	1*No	4*No	-9.1542	2.558511	0.001012	-14.3431	-3.96527
{3}-{10}	1*No	4*Yes	-12.8867	3.998435	0.002695	-20.9959	-4.77747
{4}-{5}	1*Yes	2*No	10.1358	3.998435	0.015735	2.0266	18.24503
{4}-{6}	1*Yes	2*Yes	0.6550	2.802708	0.816540	-5.0292	6.33916
{4}-{7}	1*Yes	3*No	6.0317	3.998435	0.140152	-2.0775	14.14087
{4}-{8}	1*Yes	3*Yes	-2.0300	2.802708	0.473563	-7.7142	3.65416
{4}-{9}	1*Yes	4*No	2.7025	3.998435	0.503430	-5.4067	10.81170
{4}-{10}	1*Yes	4*Yes	-1.0300	2.802708	0.715397	-6.7142	4.65416
{5}-{6}	2*No	2*Yes	-9.4808	3.998435	0.023206	-17.5900	-1.37163
{5}-{7}	2*No	3*No	-4.1042	2.558511	0.117425	-9.2931	1.08473
{5}-{8}	2*No	3*Yes	-12.1658	3.998435	0.004360	-20.2750	-4.05663
{5}-{9}	2*No	4*No	-7.4333	2.558511	0.006237	-12.6222	-2.24443
{5}-{10}	2*No	4*Yes	-11.1658	3.998435	0.008321	-19.2750	-3.05663
{6}-{7}	2*Yes	3*No	5.3767	3.998435	0.187136	-2.7325	13.48587
{6}-{8}	2*Yes	3*Yes	-2.6850	2.802708	0.344452	-8.3692	2.99916
{6}-{9}	2*Yes	4*No	2.0475	3.998435	0.611726	-6.0617	10.15670
{6}-{10}	2*Yes	4*Yes	-1.6850	2.802708	0.551471	-7.3692	3.99916

{7}-{8}	3*No	3*Yes	-8.0617	3.998435	0.051287	-16.1709	0.04753
{7}-{9}	3*No	4*No	-3.3292	2.558511	0.201452	-8.5181	1.85973
{7}-{10}	3*No	4*Yes	-7.0617	3.998435	0.085858	-15.1709	1.04753
{8}-{9}	3*Yes	4*No	4.7325	3.998435	0.244333	-3.3767	12.84170
{8}-{10}	3*Yes	4*Yes	1.0000	2.802708	0.723326	-4.6842	6.68416
{9}-{10}	4*No	4*Yes	-3.7325	3.998435	0.356786	-11.8417	4.37670

### h. Static (%)

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.65968, p=.62402

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	0	No	19.08333	4.179165	10.60759	27.55907	24
2	0	Yes	20.75000	4.578046	11.46529	30.03471	20
3	1	No	22.38750	4.179165	13.91176	30.86324	24
4	1	Yes	21.98000	4.578046	12.69529	31.26471	20
5	2	No	23.13333	4.179165	14.65759	31.60907	24
6	2	Yes	25.64500	4.578046	16.36029	34.92971	20
7	3	No	23.15000	4.179165	14.67426	31.62574	24

8	3	Yes	21.09000	4.578046	11.80529	30.37471	20
9	4	No	23.73333	4.179165	15.25759	32.20907	24
10	4	Yes	21.82500	4.578046	12.54029	31.10971	20

LSD test; variable Static-vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-1.66667	6.198703	0.789562	-14.2382	10.90489
{1}-{3}	0*No	1*No	-3.30417	2.429318	0.182249	-8.2311	1.62272
{1}-{4}	0*No	1*Yes	-2.89667	6.198703	0.643100	-15.4682	9.67489
{1}-{5}	0*No	2*No	-4.05000	2.429318	0.104166	-8.9769	0.87689
{1}-{6}	0*No	2*Yes	-6.56167	6.198703	0.296854	-19.1332	6.00989
{1}-{7}	0*No	3*No	-4.06667	2.429318	0.102800	-8.9936	0.86022
{1}-{8}	0*No	3*Yes	-2.00667	6.198703	0.748021	-14.5782	10.56489
{1}-{9}	0*No	4*No	-4.65000	2.429318	0.063581	-9.5769	0.27689
{1}-{10}	0*No	4*Yes	-2.74167	6.198703	0.660920	-15.3132	9.82989



{2}-{3}	0*Yes	1*No	-1.63750	6.198703	0.793157	-14.2091	10.93405
{2}-{4}	0*Yes	1*Yes	-1.23000	2.661185	0.646719	-6.6271	4.16713
{2}-{5}	0*Yes	2*No	-2.38333	6.198703	0.702878	-14.9549	10.18822
{2}-{6}	0*Yes	2*Yes	-4.89500	2.661185	0.074114	-10.2921	0.50213
{2}-{7}	0*Yes	3*No	-2.40000	6.198703	0.700904	-14.9716	10.17155
{2}-{8}	0*Yes	3*Yes	-0.34000	2.661185	0.899048	-5.7371	5.05713
{2}-{9}	0*Yes	4*No	-2.98333	6.198703	0.633228	-15.5549	9.58822
{2}-{10}	0*Yes	4*Yes	-1.07500	2.661185	0.688635	-6.4721	4.32213
{3}-{4}	1*No	1*Yes	0.40750	6.198703	0.947949	-12.1641	12.97905
{3}-{5}	1*No	2*No	-0.74583	2.429318	0.760602	-5.6727	4.18105
{3}-{6}	1*No	2*Yes	-3.25750	6.198703	0.602449	-15.8291	9.31405
{3}-{7}	1*No	3*No	-0.76250	2.429318	0.755428	-5.6894	4.16439
{3}-{8}	1*No	3*Yes	1.29750	6.198703	0.835380	-11.2741	13.86905
{3}-{9}	1*No	4*No	-1.34583	2.429318	0.583006	-6.2727	3.58105
{3}-{10}	1*No	4*Yes	0.56250	6.198703	0.928198	-12.0091	13.13405
{4}-{5}	1*Yes	2*No	-1.15333	6.198703	0.853442	-13.7249	11.41822
{4}-{6}	1*Yes	2*Yes	-3.66500	2.661185	0.176952	-9.0621	1.73213
{4}-{7}	1*Yes	3*No	-1.17000	6.198703	0.851349	-13.7416	11.40155
{4}-{8}	1*Yes	3*Yes	0.89000	2.661185	0.739990	-4.5071	6.28713

{4}-{9}	1*Yes	4*No	-1.75333	6.198703	0.778908	-14.3249	10.81822
{4}-{10}	1*Yes	4*Yes	0.15500	2.661185	0.953876	-5.2421	5.55213
{5}-{6}	2*No	2*Yes	-2.51167	6.198703	0.687734	-15.0832	10.05989
{5}-{7}	2*No	3*No	-0.01667	2.429318	0.994564	-4.9436	4.91022
{5}-{8}	2*No	3*Yes	2.04333	6.198703	0.743583	-10.5282	14.61489
{5}-{9}	2*No	4*No	-0.60000	2.429318	0.806325	-5.5269	4.32689
{5}-{10}	2*No	4*Yes	1.30833	6.198703	0.834026	-11.2632	13.87989
{6}-{7}	2*Yes	3*No	2.49500	6.198703	0.689694	-10.0766	15.06655
{6}-{8}	2*Yes	3*Yes	4.55500	2.661185	0.095566	-0.8421	9.95213
{6}-{9}	2*Yes	4*No	1.91167	6.198703	0.759557	-10.6599	14.48322
{6}-{10}	2*Yes	4*Yes	3.82000	2.661185	0.159791	-1.5771	9.21713
{7}-{8}	3*No	3*Yes	2.06000	6.198703	0.741569	-10.5116	14.63155
{7}-{9}	3*No	4*No	-0.58333	2.429318	0.811598	-5.5102	4.34355
{7}-{10}	3*No	4*Yes	1.32500	6.198703	0.831945	-11.2466	13.89655
{8}-{9}	3*Yes	4*No	-2.64333	6.198703	0.672331	-15.2149	9.92822
{8}-{10}	3*Yes	4*Yes	-0.73500	2.661185	0.783979	-6.1321	4.66213
{9}-{10}	4*No	4*Yes	1.90833	6.198703	0.759963	-10.6632	14.47989

**i. Fast Progressive Cells**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.5899, p=.05294

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	0	No	4.220833	0.736821	2.72649	5.715175	24
2	0	Yes	1.155000	0.807146	-0.48197	2.791969	20
3	1	No	3.000000	0.736821	1.50566	4.494341	24
4	1	Yes	0.685000	0.807146	-0.95197	2.321969	20
5	2	No	2.170833	0.736821	0.67649	3.665175	24
6	2	Yes	0.630000	0.807146	-1.00697	2.266969	20
7	3	No	1.900000	0.736821	0.40566	3.394341	24
8	3	Yes	0.700000	0.807146	-0.93697	2.336969	20
9	4	No	0.837500	0.736821	-0.65684	2.331841	24
10	4	Yes	0.580000	0.807146	-1.05697	2.216969	20

LSD test; variable Fast Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Comparisons							
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	3.06583	1.092882	0.008057	0.84937	5.282300
{1}-{3}	0*No	1*No	1.22083	0.635132	0.062526	-0.06727	2.508940
{1}-{4}	0*No	1*Yes	3.53583	1.092882	0.002606	1.31937	5.752300
{1}-{5}	0*No	2*No	2.05000	0.635132	0.002661	0.76189	3.338107
{1}-{6}	0*No	2*Yes	3.59083	1.092882	0.002274	1.37437	5.807300
{1}-{7}	0*No	3*No	2.32083	0.635132	0.000816	1.03273	3.608940
{1}-{8}	0*No	3*Yes	3.52083	1.092882	0.002705	1.30437	5.737300
{1}-{9}	0*No	4*No	3.38333	0.635132	0.000006	2.09523	4.671440
{1}-{10}	0*No	4*Yes	3.64083	1.092882	0.002007	1.42437	5.857300
{2}-{3}	0*Yes	1*No	-1.84500	1.092882	0.100019	-4.06147	0.371466
{2}-{4}	0*Yes	1*Yes	0.47000	0.695752	0.503657	-0.94105	1.881050
{2}-{5}	0*Yes	2*No	-1.01583	1.092882	0.358821	-3.23230	1.200633
{2}-{6}	0*Yes	2*Yes	0.52500	0.695752	0.455410	-0.88605	1.936050
{2}-{7}	0*Yes	3*No	-0.74500	1.092882	0.499801	-2.96147	1.471466
{2}-{8}	0*Yes	3*Yes	0.45500	0.695752	0.517288	-0.95605	1.866050
{2}-{9}	0*Yes	4*No	0.31750	1.092882	0.773088	-1.89897	2.533966
{2}-{10}	0*Yes	4*Yes	0.57500	0.695752	0.413996	-0.83605	1.986050

{3}-{4}	1*No	1*Yes	2.31500	1.092882	0.041124	0.09853	4.531466
{3}-{5}	1*No	2*No	0.82917	0.635132	0.200004	-0.45894	2.117274
{3}-{6}	1*No	2*Yes	2.37000	1.092882	0.036801	0.15353	4.586466
{3}-{7}	1*No	3*No	1.10000	0.635132	0.091849	-0.18811	2.388107
{3}-{8}	1*No	3*Yes	2.30000	1.092882	0.042379	0.08353	4.516466
{3}-{9}	1*No	4*No	2.16250	0.635132	0.001640	0.87439	3.450607
{3}-{10}	1*No	4*Yes	2.42000	1.092882	0.033225	0.20353	4.636466
{4}-{5}	1*Yes	2*No	-1.48583	1.092882	0.182426	-3.70230	0.730633
{4}-{6}	1*Yes	2*Yes	0.05500	0.695752	0.937430	-1.35605	1.466050
{4}-{7}	1*Yes	3*No	-1.21500	1.092882	0.273620	-3.43147	1.001466
{4}-{8}	1*Yes	3*Yes	-0.01500	0.695752	0.982918	-1.42605	1.396050
{4}-{9}	1*Yes	4*No	-0.15250	1.092882	0.889802	-2.36897	2.063966
{4}-{10}	1*Yes	4*Yes	0.10500	0.695752	0.880885	-1.30605	1.516050
{5}-{6}	2*No	2*Yes	1.54083	1.092882	0.167156	-0.67563	3.757300
{5}-{7}	2*No	3*No	0.27083	0.635132	0.672340	-1.01727	1.558940
{5}-{8}	2*No	3*Yes	1.47083	1.092882	0.186772	-0.74563	3.687300
{5}-{9}	2*No	4*No	1.33333	0.635132	0.042865	0.04523	2.621440
{5}-{10}	2*No	4*Yes	1.59083	1.092882	0.154160	-0.62563	3.807300
{6}-{7}	2*Yes	3*No	-1.27000	1.092882	0.252855	-3.48647	0.946466

{6}-{8}	2*Yes	3*Yes	-0.07000	0.695752	0.920418	-1.48105	1.341050
{6}-{9}	2*Yes	4*No	-0.20750	1.092882	0.850481	-2.42397	2.008966
{6}-{10}	2*Yes	4*Yes	0.05000	0.695752	0.943107	-1.36105	1.461050
{7}-{8}	3*No	3*Yes	1.20000	1.092882	0.279488	-1.01647	3.416466
{7}-{9}	3*No	4*No	1.06250	0.635132	0.103021	-0.22561	2.350607
{7}-{10}	3*No	4*Yes	1.32000	1.092882	0.234993	-0.89647	3.536466
{8}-{9}	3*Yes	4*No	-0.13750	1.092882	0.900579	-2.35397	2.078966
{8}-{10}	3*Yes	4*Yes	0.12000	0.695752	0.864030	-1.29105	1.531050
{9}-{10}	4*No	4*Yes	0.25750	1.092882	0.815066	-1.95897	2.473966

### j. Slow Progressive Cells

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.2510, p=.08276

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	0	No	14.72083	2.447793	9.756479	19.68519	24
2	0	Yes	5.77500	2.681423	0.336823	11.21318	20
3	1	No	12.17917	2.447793	7.214813	17.14352	24

4	1	Yes	6.30000	2.681423	0.861823	11.73818	20
5	2	No	10.63333	2.447793	5.668979	15.59769	24
6	2	Yes	5.75000	2.681423	0.311823	11.18818	20
7	3	No	8.55000	2.447793	3.585646	13.51435	24
8	3	Yes	5.68000	2.681423	0.241823	11.11818	20
9	4	No	6.98750	2.447793	2.023146	11.95185	24
10	4	Yes	5.93000	2.681423	0.491823	11.36818	20

LSD test; variable Slow prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	8.94583	3.630664	0.018651	1.5825	16.30916
{1}-{3}	0*No	1*No	2.54167	1.908215	0.191245	-1.3284	6.41171
{1}-{4}	0*No	1*Yes	8.42083	3.630664	0.026163	1.0575	15.78416
{1}-{5}	0*No	2*No	4.08750	1.908215	0.039026	0.2175	7.95754
{1}-{6}	0*No	2*Yes	8.97083	3.630664	0.018348	1.6075	16.33416

{1}-{7}	0*No	3*No	6.17083	1.908215	0.002617	2.3008	10.04087
{1}-{8}	0*No	3*Yes	9.04083	3.630664	0.017523	1.6775	16.40416
{1}-{9}	0*No	4*No	7.73333	1.908215	0.000258	3.8633	11.60337
{1}-{10}	0*No	4*Yes	8.79083	3.630664	0.020634	1.4275	16.15416
{2}-{3}	0*Yes	1*No	-6.40417	3.630664	0.086232	-13.7675	0.95916
{2}-{4}	0*Yes	1*Yes	-0.52500	2.090345	0.803123	-4.7644	3.71442
{2}-{5}	0*Yes	2*No	-4.85833	3.630664	0.189242	-12.2217	2.50499
{2}-{6}	0*Yes	2*Yes	0.02500	2.090345	0.990524	-4.2144	4.26442
{2}-{7}	0*Yes	3*No	-2.77500	3.630664	0.449656	-10.1383	4.58833
{2}-{8}	0*Yes	3*Yes	0.09500	2.090345	0.964002	-4.1444	4.33442
{2}-{9}	0*Yes	4*No	-1.21250	3.630664	0.740347	-8.5758	6.15083
{2}-{10}	0*Yes	4*Yes	-0.15500	2.090345	0.941301	-4.3944	4.08442
{3}-{4}	1*No	1*Yes	5.87917	3.630664	0.114110	-1.4842	13.24249
{3}-{5}	1*No	2*No	1.54583	1.908215	0.423209	-2.3242	5.41587
{3}-{6}	1*No	2*Yes	6.42917	3.630664	0.085062	-0.9342	13.79249
{3}-{7}	1*No	3*No	3.62917	1.908215	0.065214	-0.2409	7.49921
{3}-{8}	1*No	3*Yes	6.49917	3.630664	0.081856	-0.8642	13.86249
{3}-{9}	1*No	4*No	5.19167	1.908215	0.009970	1.3216	9.06171
{3}-{10}	1*No	4*Yes	6.24917	3.630664	0.093796	-1.1142	13.61249



{4}-{5}	1*Yes	2*No	-4.33333	3.630664	0.240465	-11.6967	3.02999
{4}-{6}	1*Yes	2*Yes	0.55000	2.090345	0.793962	-3.6894	4.78942
{4}-{7}	1*Yes	3*No	-2.25000	3.630664	0.539344	-9.6133	5.11333
{4}-{8}	1*Yes	3*Yes	0.62000	2.090345	0.768475	-3.6194	4.85942
{4}-{9}	1*Yes	4*No	-0.68750	3.630664	0.850875	-8.0508	6.67583
{4}-{10}	1*Yes	4*Yes	0.37000	2.090345	0.860497	-3.8694	4.60942
{5}-{6}	2*No	2*Yes	4.88333	3.630664	0.187030	-2.4800	12.24666
{5}-{7}	2*No	3*No	2.08333	1.908215	0.282187	-1.7867	5.95337
{5}-{8}	2*No	3*Yes	4.95333	3.630664	0.180940	-2.4100	12.31666
{5}-{9}	2*No	4*No	3.64583	1.908215	0.064046	-0.2242	7.51587
{5}-{10}	2*No	4*Yes	4.70333	3.630664	0.203412	-2.6600	12.06666
{6}-{7}	2*Yes	3*No	-2.80000	3.630664	0.445616	-10.1633	4.56333
{6}-{8}	2*Yes	3*Yes	0.07000	2.090345	0.973471	-4.1694	4.30942
{6}-{9}	2*Yes	4*No	-1.23750	3.630664	0.735200	-8.6008	6.12583
{6}-{10}	2*Yes	4*Yes	-0.18000	2.090345	0.931856	-4.4194	4.05942
{7}-{8}	3*No	3*Yes	2.87000	3.630664	0.434419	-4.4933	10.23333
{7}-{9}	3*No	4*No	1.56250	1.908215	0.418272	-2.3075	5.43254
{7}-{10}	3*No	4*Yes	2.62000	3.630664	0.475182	-4.7433	9.98333
{8}-{9}	3*Yes	4*No	-1.30750	3.630664	0.720856	-8.6708	6.05583

{8}--{10}	3*Yes	4*Yes	-0.25000	2.090345	0.905467	-4.4894	3.98942
{9}--{10}	4*No	4*Yes	1.05750	3.630664	0.772517	-6.3058	8.42083

### k. Non-Progressive Cells

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.0110, p=.11367

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	0	No	61.32500	3.111904	55.01377	67.63623	24
2	0	Yes	72.31500	3.408920	65.40139	79.22861	20
3	1	No	62.22500	3.111904	55.91377	68.53623	24
4	1	Yes	70.70000	3.408920	63.78639	77.61361	20
5	2	No	64.04583	3.111904	57.73460	70.35707	24
6	2	Yes	68.77500	3.408920	61.86139	75.68861	20
7	3	No	66.41667	3.111904	60.10543	72.72790	24
8	3	Yes	72.54000	3.408920	65.62639	79.45361	20
9	4	No	68.44167	3.111904	62.13043	74.75290	24
10	4	Yes	71.29500	3.408920	64.38139	78.20861	20

LSD test; variable Non Prog- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-10.9900	4.615699	0.022678	-20.3511	-1.62893
{1}-{3}	0*No	1*No	-0.9000	2.140623	0.676664	-5.2414	3.44138
{1}-{4}	0*No	1*Yes	-9.3750	4.615699	0.049678	-18.7361	-0.01393
{1}-{5}	0*No	2*No	-2.7208	2.140623	0.211864	-7.0622	1.62055
{1}-{6}	0*No	2*Yes	-7.4500	4.615699	0.115248	-16.8111	1.91107
{1}-{7}	0*No	3*No	-5.0917	2.140623	0.022806	-9.4331	-0.75028
{1}-{8}	0*No	3*Yes	-11.2150	4.615699	0.020225	-20.5761	-1.85393
{1}-{9}	0*No	4*No	-7.1167	2.140623	0.002045	-11.4581	-2.77528
{1}-{10}	0*No	4*Yes	-9.9700	4.615699	0.037506	-19.3311	-0.60893
{2}-{3}	0*Yes	1*No	10.0900	4.615699	0.035399	0.7289	19.45107
{2}-{4}	0*Yes	1*Yes	1.6150	2.344935	0.495415	-3.1407	6.37075
{2}-{5}	0*Yes	2*No	8.2692	4.615699	0.081618	-1.0919	17.63024
{2}-{6}	0*Yes	2*Yes	3.5400	2.344935	0.139864	-1.2157	8.29575

{2}-{7}	0*Yes	3*No	5.8983	4.615699	0.209469	-3.4627	15.25941
{2}-{8}	0*Yes	3*Yes	-0.2250	2.344935	0.924091	-4.9807	4.53075
{2}-{9}	0*Yes	4*No	3.8733	4.615699	0.406915	-5.4877	13.23441
{2}-{10}	0*Yes	4*Yes	1.0200	2.344935	0.666173	-3.7357	5.77575
{3}-{4}	1*No	1*Yes	-8.4750	4.615699	0.074609	-17.8361	0.88607
{3}-{5}	1*No	2*No	-1.8208	2.140623	0.400609	-6.1622	2.52055
{3}-{6}	1*No	2*Yes	-6.5500	4.615699	0.164479	-15.9111	2.81107
{3}-{7}	1*No	3*No	-4.1917	2.140623	0.057996	-8.5331	0.14972
{3}-{8}	1*No	3*Yes	-10.3150	4.615699	0.031730	-19.6761	-0.95393
{3}-{9}	1*No	4*No	-6.2167	2.140623	0.006257	-10.5581	-1.87528
{3}-{10}	1*No	4*Yes	-9.0700	4.615699	0.057163	-18.4311	0.29107
{4}-{5}	1*Yes	2*No	6.6542	4.615699	0.158048	-2.7069	16.01524
{4}-{6}	1*Yes	2*Yes	1.9250	2.344935	0.417096	-2.8307	6.68075
{4}-{7}	1*Yes	3*No	4.2833	4.615699	0.359592	-5.0777	13.64441
{4}-{8}	1*Yes	3*Yes	-1.8400	2.344935	0.437780	-6.5957	2.91575
{4}-{9}	1*Yes	4*No	2.2583	4.615699	0.627617	-7.1027	11.61941
{4}-{10}	1*Yes	4*Yes	-0.5950	2.344935	0.801141	-5.3507	4.16075
{5}-{6}	2*No	2*Yes	-4.7292	4.615699	0.312396	-14.0902	4.63191
{5}-{7}	2*No	3*No	-2.3708	2.140623	0.275404	-6.7122	1.97055

{5}-{8}	2*No	3*Yes	-8.4942	4.615699	0.073983	-17.8552	0.86691
{5}-{9}	2*No	4*No	-4.3958	2.140623	0.047340	-8.7372	-0.05445
{5}-{10}	2*No	4*Yes	-7.2492	4.615699	0.125037	-16.6102	2.11191
{6}-{7}	2*Yes	3*No	2.3583	4.615699	0.612514	-7.0027	11.71941
{6}-{8}	2*Yes	3*Yes	-3.7650	2.344935	0.117102	-8.5207	0.99075
{6}-{9}	2*Yes	4*No	0.3333	4.615699	0.942829	-9.0277	9.69441
{6}-{10}	2*Yes	4*Yes	-2.5200	2.344935	0.289679	-7.2757	2.23575
{7}-{8}	3*No	3*Yes	-6.1233	4.615699	0.192985	-15.4844	3.23774
{7}-{9}	3*No	4*No	-2.0250	2.140623	0.350462	-6.3664	2.31638
{7}-{10}	3*No	4*Yes	-4.8783	4.615699	0.297598	-14.2394	4.48274
{8}-{9}	3*Yes	4*No	4.0983	4.615699	0.380482	-5.2627	13.45941
{8}-{10}	3*Yes	4*Yes	1.2450	2.344935	0.598727	-3.5107	6.00075
{9}-{10}	4*No	4*Yes	-2.8533	4.615699	0.540348	-12.2144	6.50774

## I. Immotile Cells

Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=.50257, p=.73401							
Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N

1	0	No	19.08333	4.126860	10.71367	27.45299	24
2	0	Yes	20.75000	4.520749	11.58150	29.91850	20
3	1	No	22.38750	4.126860	14.01784	30.75716	24
4	1	Yes	21.98000	4.520749	12.81150	31.14850	20
5	2	No	23.13333	4.126860	14.76367	31.50299	24
6	2	Yes	24.64500	4.520749	15.47650	33.81350	20
7	3	No	23.15000	4.126860	14.78034	31.51966	24
8	3	Yes	21.09000	4.520749	11.92150	30.25850	20
9	4	No	23.73333	4.126860	15.36367	32.10299	24
10	4	Yes	21.82500	4.520749	12.65650	30.99350	20

LSD test; variable Immobile- WHO (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-1.66667	6.121122	0.786961	-14.0809	10.74755
{1}-{3}	0*No	1*No	-3.30417	2.408495	0.178590	-8.1888	1.58049

{1}-{4}	0*No	1*Yes	-2.89667	6.121122	0.638910	-15.3109	9.51755
{1}-{5}	0*No	2*No	-4.05000	2.408495	0.101313	-8.9347	0.83465
{1}-{6}	0*No	2*Yes	-5.56167	6.121122	0.369603	-17.9759	6.85255
{1}-{7}	0*No	3*No	-4.06667	2.408495	0.099967	-8.9513	0.81799
{1}-{8}	0*No	3*Yes	-2.00667	6.121122	0.744942	-14.4209	10.40755
{1}-{9}	0*No	4*No	-4.65000	2.408495	0.061430	-9.5347	0.23465
{1}-{10}	0*No	4*Yes	-2.74167	6.121122	0.656907	-15.1559	9.67255
{2}-{3}	0*Yes	1*No	-1.63750	6.121122	0.790598	-14.0517	10.77671
{2}-{4}	0*Yes	1*Yes	-1.23000	2.638374	0.643884	-6.5809	4.12087
{2}-{5}	0*Yes	2*No	-2.38333	6.121122	0.699302	-14.7975	10.03088
{2}-{6}	0*Yes	2*Yes	-3.89500	2.638374	0.148561	-9.2459	1.45587
{2}-{7}	0*Yes	3*No	-2.40000	6.121122	0.697307	-14.8142	10.01421
{2}-{8}	0*Yes	3*Yes	-0.34000	2.638374	0.898180	-5.6909	5.01087
{2}-{9}	0*Yes	4*No	-2.98333	6.121122	0.628942	-15.3975	9.43088
{2}-{10}	0*Yes	4*Yes	-1.07500	2.638374	0.686092	-6.4259	4.27587
{3}-{4}	1*No	1*Yes	0.40750	6.121122	0.947290	-12.0067	12.82171
{3}-{5}	1*No	2*No	-0.74583	2.408495	0.758599	-5.6305	4.13882
{3}-{6}	1*No	2*Yes	-2.25750	6.121122	0.714433	-14.6717	10.15671
{3}-{7}	1*No	3*No	-0.76250	2.408495	0.753385	-5.6472	4.12215

{3}-{8}	1*No	3*Yes	1.29750	6.121122	0.833325	-11.1167	13.71171
{3}-{9}	1*No	4*No	-1.34583	2.408495	0.579767	-6.2305	3.53882
{3}-{10}	1*No	4*Yes	0.56250	6.121122	0.927291	-11.8517	12.97671
{4}-{5}	1*Yes	2*No	-1.15333	6.121122	0.851607	-13.5675	11.26088
{4}-{6}	1*Yes	2*Yes	-2.66500	2.638374	0.319192	-8.0159	2.68587
{4}-{7}	1*Yes	3*No	-1.17000	6.121122	0.849489	-13.5842	11.24421
{4}-{8}	1*Yes	3*Yes	0.89000	2.638374	0.737828	-4.4609	6.24087
{4}-{9}	1*Yes	4*No	-1.75333	6.121122	0.776183	-14.1675	10.66088
{4}-{10}	1*Yes	4*Yes	0.15500	2.638374	0.953477	-5.1959	5.50587
{5}-{6}	2*No	2*Yes	-1.51167	6.121122	0.806343	-13.9259	10.90255
{5}-{7}	2*No	3*No	-0.01667	2.408495	0.994517	-4.9013	4.86799
{5}-{8}	2*No	3*Yes	2.04333	6.121122	0.740455	-10.3709	14.45755
{5}-{9}	2*No	4*No	-0.60000	2.408495	0.804685	-5.4847	4.28465
{5}-{10}	2*No	4*Yes	1.30833	6.121122	0.831955	-11.1059	13.72255
{6}-{7}	2*Yes	3*No	1.49500	6.121122	0.808435	-10.9192	13.90921
{6}-{8}	2*Yes	3*Yes	3.55500	2.638374	0.186264	-1.7959	8.90587
{6}-{9}	2*Yes	4*No	0.91167	6.121122	0.882434	-11.5025	13.32588
{6}-{10}	2*Yes	4*Yes	2.82000	2.638374	0.292256	-2.5309	8.17087
{7}-{8}	3*No	3*Yes	2.06000	6.121122	0.738418	-10.3542	14.47421



{7}-{9}	3*No	4*No	-0.58333	2.408495	0.810001	-5.4680	4.30132
{7}-{10}	3*No	4*Yes	1.32500	6.121122	0.829848	-11.0892	13.73921
{8}-{9}	3*Yes	4*No	-2.64333	6.121122	0.668435	-15.0575	9.77088
{8}-{10}	3*Yes	4*Yes	-0.73500	2.638374	0.782161	-6.0859	4.61587
{9}-{10}	4*No	4*Yes	1.90833	6.121122	0.757020	-10.5059	14.32255

### m.Static Head Cells

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.66555, p=.62005

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	0	No	407.0583	27.39160	351.5056	462.6111	24
2	0	Yes	489.3850	30.00600	428.5300	550.2400	20
3	1	No	415.5417	27.39160	359.9889	471.0944	24
4	1	Yes	483.0850	30.00600	422.2300	543.9400	20
5	2	No	405.1333	27.39160	349.5806	460.6861	24
6	2	Yes	471.6950	30.00600	410.8400	532.5500	20
7	3	No	378.8083	27.39160	323.2556	434.3611	24
8	3	Yes	482.6850	30.00600	421.8300	543.5400	20

9	4	No	420.6083	27.39160	365.0556	476.1611	24
10	4	Yes	469.1150	30.00600	408.2600	529.9700	20

LSD test; variable Static-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-82.327	40.62832	0.050188	-164.725	0.0714
{1}-{3}	0*No	1*No	-8.483	24.15480	0.727480	-57.472	40.5049
{1}-{4}	0*No	1*Yes	-76.027	40.62832	0.069452	-158.425	6.3714
{1}-{5}	0*No	2*No	1.925	24.15480	0.936922	-47.063	50.9132
{1}-{6}	0*No	2*Yes	-64.637	40.62832	0.120371	-147.035	17.7614
{1}-{7}	0*No	3*No	28.250	24.15480	0.249871	-20.738	77.2382
{1}-{8}	0*No	3*Yes	-75.627	40.62832	0.070865	-158.025	6.7714
{1}-{9}	0*No	4*No	-13.550	24.15480	0.578296	-62.538	35.4382
{1}-{10}	0*No	4*Yes	-62.057	40.62832	0.135395	-144.455	20.3414
{2}-{3}	0*Yes	1*No	73.843	40.62832	0.077466	-8.555	156.2414

{2}-{4}	0*Yes	1*Yes	6.300	26.46025	0.813159	-47.364	59.9639
{2}-{5}	0*Yes	2*No	84.252	40.62832	0.045318	1.854	166.6497
{2}-{6}	0*Yes	2*Yes	17.690	26.46025	0.508047	-35.974	71.3539
{2}-{7}	0*Yes	3*No	110.577	40.62832	0.009946	28.179	192.9747
{2}-{8}	0*Yes	3*Yes	6.700	26.46025	0.801546	-46.964	60.3639
{2}-{9}	0*Yes	4*No	68.777	40.62832	0.099127	-13.621	151.1747
{2}-{10}	0*Yes	4*Yes	20.270	26.46025	0.448638	-33.394	73.9339
{3}-{4}	1*No	1*Yes	-67.543	40.62832	0.105103	-149.941	14.8547
{3}-{5}	1*No	2*No	10.408	24.15480	0.669109	-38.580	59.3965
{3}-{6}	1*No	2*Yes	-56.153	40.62832	0.175450	-138.551	26.2447
{3}-{7}	1*No	3*No	36.733	24.15480	0.137059	-12.255	85.7215
{3}-{8}	1*No	3*Yes	-67.143	40.62832	0.107104	-149.541	15.2547
{3}-{9}	1*No	4*No	-5.067	24.15480	0.835039	-54.055	43.9215
{3}-{10}	1*No	4*Yes	-53.573	40.62832	0.195624	-135.971	28.8247
{4}-{5}	1*Yes	2*No	77.952	40.62832	0.062985	-4.446	160.3497
{4}-{6}	1*Yes	2*Yes	11.390	26.46025	0.669429	-42.274	65.0539
{4}-{7}	1*Yes	3*No	104.277	40.62832	0.014574	21.879	186.6747
{4}-{8}	1*Yes	3*Yes	0.400	26.46025	0.988022	-53.264	54.0639
{4}-{9}	1*Yes	4*No	62.477	40.62832	0.132851	-19.921	144.8747

{4}-{10}	1*Yes	4*Yes	13.970	26.46025	0.600765	-39.694	67.6339
{5}-{6}	2*No	2*Yes	-66.562	40.62832	0.110070	-148.960	15.8364
{5}-{7}	2*No	3*No	26.325	24.15480	0.283023	-22.663	75.3132
{5}-{8}	2*No	3*Yes	-77.552	40.62832	0.064284	-159.950	4.8464
{5}-{9}	2*No	4*No	-15.475	24.15480	0.525801	-64.463	33.5132
{5}-{10}	2*No	4*Yes	-63.982	40.62832	0.124050	-146.380	18.4164
{6}-{7}	2*Yes	3*No	92.887	40.62832	0.028228	10.489	175.2847
{6}-{8}	2*Yes	3*Yes	-10.990	26.46025	0.680358	-64.654	42.6739
{6}-{9}	2*Yes	4*No	51.087	40.62832	0.216700	-31.311	133.4847
{6}-{10}	2*Yes	4*Yes	2.580	26.46025	0.922866	-51.084	56.2439
{7}-{8}	3*No	3*Yes	-103.877	40.62832	0.014927	-186.275	-21.4786
{7}-{9}	3*No	4*No	-41.800	24.15480	0.092105	-90.788	7.1882
{7}-{10}	3*No	4*Yes	-90.307	40.62832	0.032602	-172.705	-7.9086
{8}-{9}	3*Yes	4*No	62.077	40.62832	0.135273	-20.321	144.4747
{8}-{10}	3*Yes	4*Yes	13.570	26.46025	0.611193	-40.094	67.2339
{9}-{10}	4*No	4*Yes	-48.507	40.62832	0.240320	-130.905	33.8914

## n. Slow Head Cells

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.3624, p=.26625

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	0	No	444.9958	27.40461	389.4167	500.5750	24
2	0	Yes	486.5050	30.02024	425.6211	547.3889	20
3	1	No	445.5583	27.40461	389.9792	501.1375	24
4	1	Yes	497.8000	30.02024	436.9161	558.6839	20
5	2	No	448.2833	27.40461	392.7042	503.8625	24
6	2	Yes	482.3750	30.02024	421.4911	543.2589	20
7	3	No	460.2833	27.40461	404.7042	515.8625	24
8	3	Yes	477.9700	30.02024	417.0861	538.8539	20
9	4	No	465.8958	27.40461	410.3167	521.4750	24
10	4	Yes	481.0300	30.02024	420.1461	541.9139	20

LSD test; variable Slow-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	-41.5092	40.64760	0.313975	-123.946	40.9280
{1}-{3}	0*No	1*No	-0.5625	12.87567	0.965395	-26.676	25.5506
{1}-{4}	0*No	1*Yes	-52.8042	40.64760	0.202178	-135.241	29.6330
{1}-{5}	0*No	2*No	-3.2875	12.87567	0.799924	-29.401	22.8256
{1}-{6}	0*No	2*Yes	-37.3792	40.64760	0.363908	-119.816	45.0580
{1}-{7}	0*No	3*No	-15.2875	12.87567	0.242878	-41.401	10.8256
{1}-{8}	0*No	3*Yes	-32.9742	40.64760	0.422570	-115.411	49.4630
{1}-{9}	0*No	4*No	-20.9000	12.87567	0.113269	-47.013	5.2131
{1}-{10}	0*No	4*Yes	-36.0342	40.64760	0.381231	-118.471	46.4030
{2}-{3}	0*Yes	1*No	40.9467	40.64760	0.320486	-41.490	123.3838
{2}-{4}	0*Yes	1*Yes	-11.2950	14.10459	0.428499	-39.900	17.3104
{2}-{5}	0*Yes	2*No	38.2217	40.64760	0.353322	-44.215	120.6588
{2}-{6}	0*Yes	2*Yes	4.1300	14.10459	0.771347	-24.475	32.7354
{2}-{7}	0*Yes	3*No	26.2217	40.64760	0.522954	-56.215	108.6588
{2}-{8}	0*Yes	3*Yes	8.5350	14.10459	0.548894	-20.070	37.1404
{2}-{9}	0*Yes	4*No	20.6092	40.64760	0.615232	-61.828	103.0463
{2}-{10}	0*Yes	4*Yes	5.4750	14.10459	0.700175	-23.130	34.0804
{3}-{4}	1*No	1*Yes	-52.2417	40.64760	0.206918	-134.679	30.1955

{3}-{5}	1*No	2*No	-2.7250	12.87567	0.833582	-28.838	23.3881
{3}-{6}	1*No	2*Yes	-36.8167	40.64760	0.371089	-119.254	45.6205
{3}-{7}	1*No	3*No	-14.7250	12.87567	0.260325	-40.838	11.3881
{3}-{8}	1*No	3*Yes	-32.4117	40.64760	0.430457	-114.849	50.0255
{3}-{9}	1*No	4*No	-20.3375	12.87567	0.122962	-46.451	5.7756
{3}-{10}	1*No	4*Yes	-35.4717	40.64760	0.388630	-117.909	46.9655
{4}-{5}	1*Yes	2*No	49.5167	40.64760	0.231074	-32.920	131.9538
{4}-{6}	1*Yes	2*Yes	15.4250	14.10459	0.281388	-13.180	44.0304
{4}-{7}	1*Yes	3*No	37.5167	40.64760	0.362166	-44.920	119.9538
{4}-{8}	1*Yes	3*Yes	19.8300	14.10459	0.168319	-8.775	48.4354
{4}-{9}	1*Yes	4*No	31.9042	40.64760	0.437649	-50.533	114.3413
{4}-{10}	1*Yes	4*Yes	16.7700	14.10459	0.242233	-11.835	45.3754
{5}-{6}	2*No	2*Yes	-34.0917	40.64760	0.407165	-116.529	48.3455
{5}-{7}	2*No	3*No	-12.0000	12.87567	0.357550	-38.113	14.1131
{5}-{8}	2*No	3*Yes	-29.6867	40.64760	0.469907	-112.124	52.7505
{5}-{9}	2*No	4*No	-17.6125	12.87567	0.179825	-43.726	8.5006
{5}-{10}	2*No	4*Yes	-32.7467	40.64760	0.425749	-115.184	49.6905
{6}-{7}	2*Yes	3*No	22.0917	40.64760	0.590141	-60.345	104.5288
{6}-{8}	2*Yes	3*Yes	4.4050	14.10459	0.756607	-24.200	33.0104

{6}-{9}	2*Yes	4*No	16.4792	40.64760	0.687572	-65.958	98.9163
{6}-{10}	2*Yes	4*Yes	1.3450	14.10459	0.924558	-27.260	29.9504
{7}-{8}	3*No	3*Yes	-17.6867	40.64760	0.666071	-100.124	64.7505
{7}-{9}	3*No	4*No	-5.6125	12.87567	0.665512	-31.726	20.5006
{7}-{10}	3*No	4*Yes	-20.7467	40.64760	0.612885	-103.184	61.6905
{8}-{9}	3*Yes	4*No	12.0742	40.64760	0.768139	-70.363	94.5113
{8}-{10}	3*Yes	4*Yes	-3.0600	14.10459	0.829472	-31.665	25.5454
{9}-{10}	4*No	4*Yes	-15.1342	40.64760	0.711833	-97.571	67.3030

### o. Medium Head Cells

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.4234, p=.24605

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	0	No	518.5292	44.68691	427.8999	609.1584	24
2	0	Yes	552.5700	48.95206	453.2906	651.8494	20
3	1	No	520.9542	44.68691	430.3249	611.5834	24
4	1	Yes	522.4500	48.95206	423.1706	621.7294	20



5	2	No	553.4458	44.68691	462.8166	644.0751	24
6	2	Yes	488.0050	48.95206	388.7256	587.2844	20
7	3	No	495.9000	44.68691	405.2707	586.5293	24
8	3	Yes	435.2050	48.95206	335.9256	534.4844	20
9	4	No	527.5417	44.68691	436.9124	618.1709	24
10	4	Yes	450.5850	48.95206	351.3056	549.8644	20

LSD test; variable Medium-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	-34.0408	66.28140	0.610683	-168.466	100.3841
{1}-{3}	0*No	1*No	-2.4250	38.81294	0.950527	-81.141	76.2913
{1}-{4}	0*No	1*Yes	-3.9208	66.28140	0.953156	-138.346	130.5041
{1}-{5}	0*No	2*No	-34.9167	38.81294	0.374304	-113.633	43.7996
{1}-{6}	0*No	2*Yes	30.5242	66.28140	0.647910	-103.901	164.9491
{1}-{7}	0*No	3*No	22.6292	38.81294	0.563507	-56.087	101.3455

{1}-{8}	0*No	3*Yes	83.3242	66.28140	0.216803	-51.101	217.7491
{1}-{9}	0*No	4*No	-9.0125	38.81294	0.817695	-87.729	69.7038
{1}-{10}	0*No	4*Yes	67.9442	66.28140	0.312161	-66.481	202.3691
{2}-{3}	0*Yes	1*No	31.6158	66.28140	0.636249	-102.809	166.0408
{2}-{4}	0*Yes	1*Yes	30.1200	42.51744	0.483250	-56.109	116.3494
{2}-{5}	0*Yes	2*No	-0.8758	66.28140	0.989530	-135.301	133.5491
{2}-{6}	0*Yes	2*Yes	64.5650	42.51744	0.137609	-21.664	150.7944
{2}-{7}	0*Yes	3*No	56.6700	66.28140	0.398211	-77.755	191.0949
{2}-{8}	0*Yes	3*Yes	117.3650	42.51744	0.009025	31.136	203.5944
{2}-{9}	0*Yes	4*No	25.0283	66.28140	0.707940	-109.397	159.4533
{2}-{10}	0*Yes	4*Yes	101.9850	42.51744	0.021760	15.756	188.2144
{3}-{4}	1*No	1*Yes	-1.4958	66.28140	0.982120	-135.921	132.9291
{3}-{5}	1*No	2*No	-32.4917	38.81294	0.408040	-111.208	46.2246
{3}-{6}	1*No	2*Yes	32.9492	66.28140	0.622134	-101.476	167.3741
{3}-{7}	1*No	3*No	25.0542	38.81294	0.522690	-53.662	103.7705
{3}-{8}	1*No	3*Yes	85.7492	66.28140	0.204003	-48.676	220.1741
{3}-{9}	1*No	4*No	-6.5875	38.81294	0.866177	-85.304	72.1288
{3}-{10}	1*No	4*Yes	70.3692	66.28140	0.295455	-64.056	204.7941
{4}-{5}	1*Yes	2*No	-30.9958	66.28140	0.642861	-165.421	103.4291

{4}-{6}	1*Yes	2*Yes	34.4450	42.51744	0.423184	-51.784	120.6744
{4}-{7}	1*Yes	3*No	26.5500	66.28140	0.691108	-107.875	160.9749
{4}-{8}	1*Yes	3*Yes	87.2450	42.51744	0.047499	1.016	173.4744
{4}-{9}	1*Yes	4*No	-5.0917	66.28140	0.939193	-139.517	129.3333
{4}-{10}	1*Yes	4*Yes	71.8650	42.51744	0.099623	-14.364	158.0944
{5}-{6}	2*No	2*Yes	65.4408	66.28140	0.330076	-68.984	199.8658
{5}-{7}	2*No	3*No	57.5458	38.81294	0.146871	-21.170	136.2621
{5}-{8}	2*No	3*Yes	118.2408	66.28140	0.082868	-16.184	252.6658
{5}-{9}	2*No	4*No	25.9042	38.81294	0.508766	-52.812	104.6205
{5}-{10}	2*No	4*Yes	102.8608	66.28140	0.129439	-31.564	237.2858
{6}-{7}	2*Yes	3*No	-7.8950	66.28140	0.905848	-142.320	126.5299
{6}-{8}	2*Yes	3*Yes	52.8000	42.51744	0.222324	-33.429	139.0294
{6}-{9}	2*Yes	4*No	-39.5367	66.28140	0.554576	-173.962	94.8883
{6}-{10}	2*Yes	4*Yes	37.4200	42.51744	0.384638	-48.809	123.6494
{7}-{8}	3*No	3*Yes	60.6950	66.28140	0.365909	-73.730	195.1199
{7}-{9}	3*No	4*No	-31.6417	38.81294	0.420299	-110.358	47.0746
{7}-{10}	3*No	4*Yes	45.3150	66.28140	0.498557	-89.110	179.7399
{8}-{9}	3*Yes	4*No	-92.3367	66.28140	0.172133	-226.762	42.0883
{8}-{10}	3*Yes	4*Yes	-15.3800	42.51744	0.719666	-101.609	70.8494

{9}-{10}	4*No	4*Yes	76.9567	66.28140	0.253259	-57.468	211.3816
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**p. Rapid Head Cells**

Concentration_New*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)							
Current effect: F(4, 36)=1.0156, p=.41230							
Type III decomposition							
Cell No.	Concentration_New	Obese (Y/N)	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	0	No	633.8000	54.31576	523.6425	743.9575	24
2	0	Yes	580.8600	59.49993	460.1885	701.5315	20
3	1	No	605.5125	54.31576	495.3550	715.6700	24
4	1	Yes	583.4750	59.49993	462.8035	704.1465	20
5	2	No	605.2667	54.31576	495.1092	715.4241	24
6	2	Yes	453.2500	59.49993	332.5785	573.9215	20
7	3	No	495.7000	54.31576	385.5425	605.8575	24
8	3	Yes	488.0700	59.49993	367.3985	608.7415	20
9	4	No	423.0208	54.31576	312.8634	533.1783	24
10	4	Yes	462.6000	59.49993	341.9285	583.2715	20

LSD test; variable Rapid-Head (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	52.9400	80.56329	0.515281	-110.450	216.3299
{1}-{3}	0*No	1*No	28.2875	67.58688	0.678042	-108.785	165.3600
{1}-{4}	0*No	1*Yes	50.3250	80.56329	0.536131	-113.065	213.7149
{1}-{5}	0*No	2*No	28.5333	67.58688	0.675410	-108.539	165.6059
{1}-{6}	0*No	2*Yes	180.5500	80.56329	0.031280	17.160	343.9399
{1}-{7}	0*No	3*No	138.1000	67.58688	0.048395	1.027	275.1725
{1}-{8}	0*No	3*Yes	145.7300	80.56329	0.078826	-17.660	309.1199
{1}-{9}	0*No	4*No	210.7792	67.58688	0.003565	73.707	347.8517
{1}-{10}	0*No	4*Yes	171.2000	80.56329	0.040516	7.810	334.5899
{2}-{3}	0*Yes	1*No	-24.6525	80.56329	0.761366	-188.042	138.7374
{2}-{4}	0*Yes	1*Yes	-2.6150	74.03772	0.972020	-152.770	147.5404
{2}-{5}	0*Yes	2*No	-24.4067	80.56329	0.763672	-187.797	138.9833
{2}-{6}	0*Yes	2*Yes	127.6100	74.03772	0.093363	-22.545	277.7654

{2}-{7}	0*Yes	3*No	85.1600	80.56329	0.297528	-78.230	248.5499
{2}-{8}	0*Yes	3*Yes	92.7900	74.03772	0.218183	-57.365	242.9454
{2}-{9}	0*Yes	4*No	157.8392	80.56329	0.057870	-5.551	321.2291
{2}-{10}	0*Yes	4*Yes	118.2600	74.03772	0.118942	-31.895	268.4154
{3}-{4}	1*No	1*Yes	22.0375	80.56329	0.785999	-141.352	185.4274
{3}-{5}	1*No	2*No	0.2458	67.58688	0.997118	-136.827	137.3184
{3}-{6}	1*No	2*Yes	152.2625	80.56329	0.066834	-11.127	315.6524
{3}-{7}	1*No	3*No	109.8125	67.58688	0.112938	-27.260	246.8850
{3}-{8}	1*No	3*Yes	117.4425	80.56329	0.153574	-45.947	280.8324
{3}-{9}	1*No	4*No	182.4917	67.58688	0.010495	45.419	319.5642
{3}-{10}	1*No	4*Yes	142.9125	80.56329	0.084536	-20.477	306.3024
{4}-{5}	1*Yes	2*No	-21.7917	80.56329	0.788327	-185.182	141.5983
{4}-{6}	1*Yes	2*Yes	130.2250	74.03772	0.087093	-19.930	280.3804
{4}-{7}	1*Yes	3*No	87.7750	80.56329	0.283166	-75.615	251.1649
{4}-{8}	1*Yes	3*Yes	95.4050	74.03772	0.205757	-54.750	245.5604
{4}-{9}	1*Yes	4*No	160.4542	80.56329	0.054037	-2.936	323.8441
{4}-{10}	1*Yes	4*Yes	120.8750	74.03772	0.111268	-29.280	271.0304
{5}-{6}	2*No	2*Yes	152.0167	80.56329	0.067255	-11.373	315.4066
{5}-{7}	2*No	3*No	109.5667	67.58688	0.113719	-27.506	246.6392

{5}-{8}	2*No	3*Yes	117.1967	80.56329	0.154412	-46.193	280.5866
{5}-{9}	2*No	4*No	182.2458	67.58688	0.010591	45.173	319.3184
{5}-{10}	2*No	4*Yes	142.6667	80.56329	0.085051	-20.723	306.0566
{6}-{7}	2*Yes	3*No	-42.4500	80.56329	0.601485	-205.840	120.9399
{6}-{8}	2*Yes	3*Yes	-34.8200	74.03772	0.640977	-184.975	115.3354
{6}-{9}	2*Yes	4*No	30.2292	80.56329	0.709697	-133.161	193.6191
{6}-{10}	2*Yes	4*Yes	-9.3500	74.03772	0.900207	-159.505	140.8054
{7}-{8}	3*No	3*Yes	7.6300	80.56329	0.925072	-155.760	171.0199
{7}-{9}	3*No	4*No	72.6792	67.58688	0.289375	-64.393	209.7517
{7}-{10}	3*No	4*Yes	33.1000	80.56329	0.683613	-130.290	196.4899
{8}-{9}	3*Yes	4*No	65.0492	80.56329	0.424722	-98.341	228.4391
{8}-{10}	3*Yes	4*Yes	25.4700	74.03772	0.732837	-124.685	175.6254
{9}-{10}	4*No	4*Yes	-39.5792	80.56329	0.626210	-202.969	123.8108

**q. VCL ( $\mu\text{m/s}$ )**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=3.2509, p=.02244

Type III decomposition

	Concentration_New	Obese (Y/N)	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
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Cell No.							
1	0	No	103.7542	10.56536	82.32662	125.1817	24
2	0	Yes	68.9350	11.57377	45.46230	92.4077	20
3	1	No	93.6833	10.56536	72.25579	115.1109	24
4	1	Yes	68.0900	11.57377	44.61730	91.5627	20
5	2	No	85.9208	10.56536	64.49329	107.3484	24
6	2	Yes	64.1900	11.57377	40.71730	87.6627	20
7	3	No	76.3208	10.56536	54.89329	97.7484	24
8	3	Yes	69.8500	11.57377	46.37730	93.3227	20
9	4	No	68.6667	10.56536	47.23912	90.0942	24
10	4	Yes	69.1650	11.57377	45.69230	92.6377	20

LSD test; variable VCL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	34.8192	15.67096	0.032665	3.0370	66.60135



{1}-{3}	0*No	1*No	10.0708	7.61225	0.194185	-5.3675	25.50919
{1}-{4}	0*No	1*Yes	35.6642	15.67096	0.028909	3.8820	67.44635
{1}-{5}	0*No	2*No	17.8333	7.61225	0.024789	2.3950	33.27169
{1}-{6}	0*No	2*Yes	39.5642	15.67096	0.016129	7.7820	71.34635
{1}-{7}	0*No	3*No	27.4333	7.61225	0.000941	11.9950	42.87169
{1}-{8}	0*No	3*Yes	33.9042	15.67096	0.037218	2.1220	65.68635
{1}-{9}	0*No	4*No	35.0875	7.61225	0.000049	19.6491	50.52586
{1}-{10}	0*No	4*Yes	34.5892	15.67096	0.033760	2.8070	66.37135
{2}-{3}	0*Yes	1*No	-24.7483	15.67096	0.123027	-56.5305	7.03385
{2}-{4}	0*Yes	1*Yes	0.8450	8.33880	0.919848	-16.0669	17.75687
{2}-{5}	0*Yes	2*No	-16.9858	15.67096	0.285613	-48.7680	14.79635
{2}-{6}	0*Yes	2*Yes	4.7450	8.33880	0.572871	-12.1669	21.65687
{2}-{7}	0*Yes	3*No	-7.3858	15.67096	0.640265	-39.1680	24.39635
{2}-{8}	0*Yes	3*Yes	-0.9150	8.33880	0.913234	-17.8269	15.99687
{2}-{9}	0*Yes	4*No	0.2683	15.67096	0.986433	-31.5139	32.05052
{2}-{10}	0*Yes	4*Yes	-0.2300	8.33880	0.978148	-17.1419	16.68187
{3}-{4}	1*No	1*Yes	25.5933	15.67096	0.111151	-6.1889	57.37552
{3}-{5}	1*No	2*No	7.7625	7.61225	0.314657	-7.6759	23.20086
{3}-{6}	1*No	2*Yes	29.4933	15.67096	0.067935	-2.2889	61.27552

{3}-{7}	1*No	3*No	17.3625	7.61225	0.028578	1.9241	32.80086
{3}-{8}	1*No	3*Yes	23.8333	15.67096	0.137031	-7.9489	55.61552
{3}-{9}	1*No	4*No	25.0167	7.61225	0.002269	9.5783	40.45502
{3}-{10}	1*No	4*Yes	24.5183	15.67096	0.126433	-7.2639	56.30052
{4}-{5}	1*Yes	2*No	-17.8308	15.67096	0.262709	-49.6130	13.95135
{4}-{6}	1*Yes	2*Yes	3.9000	8.33880	0.642823	-13.0119	20.81187
{4}-{7}	1*Yes	3*No	-8.2308	15.67096	0.602645	-40.0130	23.55135
{4}-{8}	1*Yes	3*Yes	-1.7600	8.33880	0.834029	-18.6719	15.15187
{4}-{9}	1*Yes	4*No	-0.5767	15.67096	0.970849	-32.3589	31.20552
{4}-{10}	1*Yes	4*Yes	-1.0750	8.33880	0.898142	-17.9869	15.83687
{5}-{6}	2*No	2*Yes	21.7308	15.67096	0.174063	-10.0514	53.51302
{5}-{7}	2*No	3*No	9.6000	7.61225	0.215375	-5.8384	25.03836
{5}-{8}	2*No	3*Yes	16.0708	15.67096	0.311961	-15.7114	47.85302
{5}-{9}	2*No	4*No	17.2542	7.61225	0.029520	1.8158	32.69252
{5}-{10}	2*No	4*Yes	16.7558	15.67096	0.292084	-15.0264	48.53802
{6}-{7}	2*Yes	3*No	-12.1308	15.67096	0.443928	-43.9130	19.65135
{6}-{8}	2*Yes	3*Yes	-5.6600	8.33880	0.501634	-22.5719	11.25187
{6}-{9}	2*Yes	4*No	-4.4767	15.67096	0.776771	-36.2589	27.30552
{6}-{10}	2*Yes	4*Yes	-4.9750	8.33880	0.554502	-21.8869	11.93687

{7}-{8}	3*No	3*Yes	6.4708	15.67096	0.682115	-25.3114	38.25302
{7}-{9}	3*No	4*No	7.6542	7.61225	0.321364	-7.7842	23.09252
{7}-{10}	3*No	4*Yes	7.1558	15.67096	0.650680	-24.6264	38.93802
{8}-{9}	3*Yes	4*No	1.1833	15.67096	0.940226	-30.5989	32.96552
{8}-{10}	3*Yes	4*Yes	0.6850	8.33880	0.934986	-16.2269	17.59687
{9}-{10}	4*No	4*Yes	-0.4983	15.67096	0.974807	-32.2805	31.28385

**r. VSL ( $\mu\text{m/s}$ )**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect:  $F(4, 36)=.33816, p=.85041$

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	0	No	23.52500	6.916622	9.49744	37.55256	24
2	0	Yes	10.38500	7.576780	-4.98142	25.75142	20
3	1	No	20.45000	6.916622	6.42244	34.47756	24
4	1	Yes	10.90500	7.576780	-4.46142	26.27142	20
5	2	No	17.80000	6.916622	3.77244	31.82756	24
6	2	Yes	8.38500	7.576780	-6.98142	23.75142	20

7	3	No	13.22500	6.916622	-0.80256	27.25256	24
8	3	Yes	7.39000	7.576780	-7.97642	22.75642	20
9	4	No	29.30833	6.916622	15.28077	43.33589	24
10	4	Yes	7.80000	7.576780	-7.56642	23.16642	20

LSD test; variable VSL-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	13.1400	10.25901	0.208445	-7.6662	33.94623
{1}-{3}	0*No	1*No	3.0750	9.78158	0.755057	-16.7630	22.91297
{1}-{4}	0*No	1*Yes	12.6200	10.25901	0.226624	-8.1862	33.42623
{1}-{5}	0*No	2*No	5.7250	9.78158	0.562008	-14.1130	25.56297
{1}-{6}	0*No	2*Yes	15.1400	10.25901	0.148698	-5.6662	35.94623
{1}-{7}	0*No	3*No	10.3000	9.78158	0.299358	-9.5380	30.13797
{1}-{8}	0*No	3*Yes	16.1350	10.25901	0.124522	-4.6712	36.94123
{1}-{9}	0*No	4*No	-5.7833	9.78158	0.558049	-25.6213	14.05463

{1}-{10}	0*No	4*Yes	15.7250	10.25901	0.134067	-5.0812	36.53123
{2}-{3}	0*Yes	1*No	-10.0650	10.25901	0.333097	-30.8712	10.74123
{2}-{4}	0*Yes	1*Yes	-0.5200	10.71518	0.961563	-22.2514	21.21140
{2}-{5}	0*Yes	2*No	-7.4150	10.25901	0.474485	-28.2212	13.39123
{2}-{6}	0*Yes	2*Yes	2.0000	10.71518	0.852982	-19.7314	23.73140
{2}-{7}	0*Yes	3*No	-2.8400	10.25901	0.783494	-23.6462	17.96623
{2}-{8}	0*Yes	3*Yes	2.9950	10.71518	0.781453	-18.7364	24.72640
{2}-{9}	0*Yes	4*No	-18.9233	10.25901	0.073343	-39.7296	1.88290
{2}-{10}	0*Yes	4*Yes	2.5850	10.71518	0.810733	-19.1464	24.31640
{3}-{4}	1*No	1*Yes	9.5450	10.25901	0.358361	-11.2612	30.35123
{3}-{5}	1*No	2*No	2.6500	9.78158	0.788002	-17.1880	22.48797
{3}-{6}	1*No	2*Yes	12.0650	10.25901	0.247298	-8.7412	32.87123
{3}-{7}	1*No	3*No	7.2250	9.78158	0.464918	-12.6130	27.06297
{3}-{8}	1*No	3*Yes	13.0600	10.25901	0.211168	-7.7462	33.86623
{3}-{9}	1*No	4*No	-8.8583	9.78158	0.371162	-28.6963	10.97963
{3}-{10}	1*No	4*Yes	12.6500	10.25901	0.225544	-8.1562	33.45623
{4}-{5}	1*Yes	2*No	-6.8950	10.25901	0.505816	-27.7012	13.91123
{4}-{6}	1*Yes	2*Yes	2.5200	10.71518	0.815402	-19.2114	24.25140
{4}-{7}	1*Yes	3*No	-2.3200	10.25901	0.822370	-23.1262	18.48623

{4}-{8}	1*Yes	3*Yes	3.5150	10.71518	0.744782	-18.2164	25.24640
{4}-{9}	1*Yes	4*No	-18.4033	10.25901	0.081237	-39.2096	2.40290
{4}-{10}	1*Yes	4*Yes	3.1050	10.71518	0.773650	-18.6264	24.83640
{5}-{6}	2*No	2*Yes	9.4150	10.25901	0.364868	-11.3912	30.22123
{5}-{7}	2*No	3*No	4.5750	9.78158	0.642807	-15.2630	24.41297
{5}-{8}	2*No	3*Yes	10.4100	10.25901	0.317012	-10.3962	31.21623
{5}-{9}	2*No	4*No	-11.5083	9.78158	0.247104	-31.3463	8.32963
{5}-{10}	2*No	4*Yes	10.0000	10.25901	0.336187	-10.8062	30.80623
{6}-{7}	2*Yes	3*No	-4.8400	10.25901	0.639931	-25.6462	15.96623
{6}-{8}	2*Yes	3*Yes	0.9950	10.71518	0.926531	-20.7364	22.72640
{6}-{9}	2*Yes	4*No	-20.9233	10.25901	0.048791	-41.7296	-0.11710
{6}-{10}	2*Yes	4*Yes	0.5850	10.71518	0.956763	-21.1464	22.31640
{7}-{8}	3*No	3*Yes	5.8350	10.25901	0.573045	-14.9712	26.64123
{7}-{9}	3*No	4*No	-16.0833	9.78158	0.108831	-35.9213	3.75463
{7}-{10}	3*No	4*Yes	5.4250	10.25901	0.600187	-15.3812	26.23123
{8}-{9}	3*Yes	4*No	-21.9183	10.25901	0.039508	-42.7246	-1.11210
{8}-{10}	3*Yes	4*Yes	-0.4100	10.71518	0.969689	-22.1414	21.32140
{9}-{10}	4*No	4*Yes	21.5083	10.25901	0.043125	0.7021	42.31457

s. VAP ( $\mu\text{m/s}$ )

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.8941, p=.03558

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	0	No	45.27083	5.204036	34.71656	55.82511	24
2	0	Yes	23.27000	5.700736	11.70837	34.83163	20
3	1	No	40.22083	5.204036	29.66656	50.77511	24
4	1	Yes	24.34000	5.700736	12.77837	35.90163	20
5	2	No	36.16667	5.204036	25.61239	46.72094	24
6	2	Yes	20.06500	5.700736	8.50337	31.62663	20
7	3	No	27.63333	5.204036	17.07906	38.18761	24
8	3	Yes	20.19500	5.700736	8.63337	31.75663	20
9	4	No	22.04167	5.204036	11.48739	32.59594	24
10	4	Yes	19.31000	5.700736	7.74837	30.87163	20

LSD test; variable VAP-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

## Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	22.0008	7.718833	0.007185	6.3463	37.65535
{1}-{3}	0*No	1*No	5.0500	4.297355	0.247652	-3.6654	13.76544
{1}-{4}	0*No	1*Yes	20.9308	7.718833	0.010197	5.2763	36.58535
{1}-{5}	0*No	2*No	9.1042	4.297355	0.041097	0.3887	17.81961
{1}-{6}	0*No	2*Yes	25.2058	7.718833	0.002402	9.5513	40.86035
{1}-{7}	0*No	3*No	17.6375	4.297355	0.000222	8.9221	26.35294
{1}-{8}	0*No	3*Yes	25.0758	7.718833	0.002514	9.4213	40.73035
{1}-{9}	0*No	4*No	23.2292	4.297355	0.000004	14.5137	31.94461
{1}-{10}	0*No	4*Yes	25.9608	7.718833	0.001839	10.3063	41.61535
{2}-{3}	0*Yes	1*No	-16.9508	7.718833	0.034616	-32.6054	-1.29631
{2}-{4}	0*Yes	1*Yes	-1.0700	4.707516	0.821479	-10.6173	8.47729
{2}-{5}	0*Yes	2*No	-12.8967	7.718833	0.103433	-28.5512	2.75785
{2}-{6}	0*Yes	2*Yes	3.2050	4.707516	0.500337	-6.3423	12.75229
{2}-{7}	0*Yes	3*No	-4.3633	7.718833	0.575387	-20.0179	11.29119
{2}-{8}	0*Yes	3*Yes	3.0750	4.707516	0.517771	-6.4723	12.62229



{2}-{9}	0*Yes	4*No	1.2283	7.718833	0.874452	-14.4262	16.88285
{2}-{10}	0*Yes	4*Yes	3.9600	4.707516	0.405785	-5.5873	13.50729
{3}-{4}	1*No	1*Yes	15.8808	7.718833	0.046945	0.2263	31.53535
{3}-{5}	1*No	2*No	4.0542	4.297355	0.351760	-4.6613	12.76961
{3}-{6}	1*No	2*Yes	20.1558	7.718833	0.013071	4.5013	35.81035
{3}-{7}	1*No	3*No	12.5875	4.297355	0.005865	3.8721	21.30294
{3}-{8}	1*No	3*Yes	20.0258	7.718833	0.013620	4.3713	35.68035
{3}-{9}	1*No	4*No	18.1792	4.297355	0.000153	9.4637	26.89461
{3}-{10}	1*No	4*Yes	20.9108	7.718833	0.010264	5.2563	36.56535
{4}-{5}	1*Yes	2*No	-11.8267	7.718833	0.134219	-27.4812	3.82785
{4}-{6}	1*Yes	2*Yes	4.2750	4.707516	0.369853	-5.2723	13.82229
{4}-{7}	1*Yes	3*No	-3.2933	7.718833	0.672166	-18.9479	12.36119
{4}-{8}	1*Yes	3*Yes	4.1450	4.707516	0.384425	-5.4023	13.69229
{4}-{9}	1*Yes	4*No	2.2983	7.718833	0.767601	-13.3562	17.95285
{4}-{10}	1*Yes	4*Yes	5.0300	4.707516	0.292406	-4.5173	14.57729
{5}-{6}	2*No	2*Yes	16.1017	7.718833	0.044123	0.4471	31.75619
{5}-{7}	2*No	3*No	8.5333	4.297355	0.054721	-0.1821	17.24877
{5}-{8}	2*No	3*Yes	15.9717	7.718833	0.045766	0.3171	31.62619
{5}-{9}	2*No	4*No	14.1250	4.297355	0.002266	5.4096	22.84044

{5}-{10}	2*No	4*Yes	16.8567	7.718833	0.035572	1.2021	32.51119
{6}-{7}	2*Yes	3*No	-7.5683	7.718833	0.333382	-23.2229	8.08619
{6}-{8}	2*Yes	3*Yes	-0.1300	4.707516	0.978121	-9.6773	9.41729
{6}-{9}	2*Yes	4*No	-1.9767	7.718833	0.799344	-17.6312	13.67785
{6}-{10}	2*Yes	4*Yes	0.7550	4.707516	0.873477	-8.7923	10.30229
{7}-{8}	3*No	3*Yes	7.4383	7.718833	0.341645	-8.2162	23.09285
{7}-{9}	3*No	4*No	5.5917	4.297355	0.201461	-3.1238	14.30711
{7}-{10}	3*No	4*Yes	8.3233	7.718833	0.288066	-7.3312	23.97785
{8}-{9}	3*Yes	4*No	-1.8467	7.718833	0.812275	-17.5012	13.80785
{8}-{10}	3*Yes	4*Yes	0.8850	4.707516	0.851935	-8.6623	10.43229
{9}-{10}	4*No	4*Yes	2.7317	7.718833	0.725481	-12.9229	18.38619

**t. LIN (%)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.6140, p=.05130

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	0	No	21.31667	1.680970	17.90750	24.72583	24

2	0	Yes	15.03000	1.841410	11.29545	18.76455	20
3	1	No	20.17500	1.680970	16.76583	23.58417	24
4	1	Yes	14.94500	1.841410	11.21045	18.67955	20
5	2	No	20.10833	1.680970	16.69917	23.51750	24
6	2	Yes	12.13500	1.841410	8.40045	15.86955	20
7	3	No	16.12083	1.680970	12.71167	19.53000	24
8	3	Yes	10.49000	1.841410	6.75545	14.22455	20
9	4	No	12.20417	1.680970	8.79500	15.61333	24
10	4	Yes	10.38000	1.841410	6.64545	14.11455	20

LSD test; variable LIN-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	6.28667	2.493281	0.016255	1.2301	11.34328
{1}-{3}	0*No	1*No	1.14167	1.327753	0.395563	-1.5511	3.83448
{1}-{4}	0*No	1*Yes	6.37167	2.493281	0.014971	1.3151	11.42828

{1}-{5}	0*No	2*No	1.20833	1.327753	0.368845	-1.4845	3.90114
{1}-{6}	0*No	2*Yes	9.18167	2.493281	0.000753	4.1251	14.23828
{1}-{7}	0*No	3*No	5.19583	1.327753	0.000388	2.5030	7.88864
{1}-{8}	0*No	3*Yes	10.82667	2.493281	0.000110	5.7701	15.88328
{1}-{9}	0*No	4*No	9.11250	1.327753	0.000000	6.4197	11.80531
{1}-{10}	0*No	4*Yes	10.93667	2.493281	0.000096	5.8801	15.99328
{2}-{3}	0*Yes	1*No	-5.14500	2.493281	0.046327	-10.2016	-0.08839
{2}-{4}	0*Yes	1*Yes	0.08500	1.454481	0.953721	-2.8648	3.03482
{2}-{5}	0*Yes	2*No	-5.07833	2.493281	0.049075	-10.1349	-0.02172
{2}-{6}	0*Yes	2*Yes	2.89500	1.454481	0.054181	-0.0548	5.84482
{2}-{7}	0*Yes	3*No	-1.09083	2.493281	0.664356	-6.1474	3.96578
{2}-{8}	0*Yes	3*Yes	4.54000	1.454481	0.003539	1.5902	7.48982
{2}-{9}	0*Yes	4*No	2.82583	2.493281	0.264547	-2.2308	7.88244
{2}-{10}	0*Yes	4*Yes	4.65000	1.454481	0.002890	1.7002	7.59982
{3}-{4}	1*No	1*Yes	5.23000	2.493281	0.043021	0.1734	10.28661
{3}-{5}	1*No	2*No	0.06667	1.327753	0.960232	-2.6261	2.75948
{3}-{6}	1*No	2*Yes	8.04000	2.493281	0.002683	2.9834	13.09661
{3}-{7}	1*No	3*No	4.05417	1.327753	0.004238	1.3614	6.74698
{3}-{8}	1*No	3*Yes	9.68500	2.493281	0.000422	4.6284	14.74161

{3}-{9}	1*No	4*No	7.97083	1.327753	0.000001	5.2780	10.66364
{3}-{10}	1*No	4*Yes	9.79500	2.493281	0.000371	4.7384	14.85161
{4}-{5}	1*Yes	2*No	-5.16333	2.493281	0.045596	-10.2199	-0.10672
{4}-{6}	1*Yes	2*Yes	2.81000	1.454481	0.061264	-0.1398	5.75982
{4}-{7}	1*Yes	3*No	-1.17583	2.493281	0.640058	-6.2324	3.88078
{4}-{8}	1*Yes	3*Yes	4.45500	1.454481	0.004133	1.5052	7.40482
{4}-{9}	1*Yes	4*No	2.74083	2.493281	0.278940	-2.3158	7.79744
{4}-{10}	1*Yes	4*Yes	4.56500	1.454481	0.003381	1.6152	7.51482
{5}-{6}	2*No	2*Yes	7.97333	2.493281	0.002883	2.9167	13.02994
{5}-{7}	2*No	3*No	3.98750	1.327753	0.004837	1.2947	6.68031
{5}-{8}	2*No	3*Yes	9.61833	2.493281	0.000456	4.5617	14.67494
{5}-{9}	2*No	4*No	7.90417	1.327753	0.000001	5.2114	10.59698
{5}-{10}	2*No	4*Yes	9.72833	2.493281	0.000401	4.6717	14.78494
{6}-{7}	2*Yes	3*No	-3.98583	2.493281	0.118644	-9.0424	1.07078
{6}-{8}	2*Yes	3*Yes	1.64500	1.454481	0.265539	-1.3048	4.59482
{6}-{9}	2*Yes	4*No	-0.06917	2.493281	0.978022	-5.1258	4.98744
{6}-{10}	2*Yes	4*Yes	1.75500	1.454481	0.235450	-1.1948	4.70482
{7}-{8}	3*No	3*Yes	5.63083	2.493281	0.030077	0.5742	10.68744
{7}-{9}	3*No	4*No	3.91667	1.327753	0.005559	1.2239	6.60948

{7}-{10}	3*No	4*Yes	5.74083	2.493281	0.027196	0.6842	10.79744
{8}-{9}	3*Yes	4*No	-1.71417	2.493281	0.496165	-6.7708	3.34244
{8}-{10}	3*Yes	4*Yes	0.11000	1.454481	0.940134	-2.8398	3.05982
{9}-{10}	4*No	4*Yes	1.82417	2.493281	0.469129	-3.2324	6.88078

**u. STR (%)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.97839, p=.43148

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	0	No	49.75000	2.561871	44.55428	54.94572	24
2	0	Yes	43.00500	2.806389	37.31338	48.69662	20
3	1	No	48.59583	2.561871	43.40012	53.79155	24
4	1	Yes	42.02500	2.806389	36.33338	47.71662	20
5	2	No	47.64583	2.561871	42.45012	52.84155	24
6	2	Yes	38.46500	2.806389	32.77338	44.15662	20
7	3	No	44.85833	2.561871	39.66262	50.05405	24
8	3	Yes	35.70000	2.806389	30.00838	41.39162	20

9	4	No	40.21667	2.561871	35.02095	45.41238	24
10	4	Yes	37.26500	2.806389	31.57338	42.95662	20

LSD test; variable STR-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	6.74500	3.799869	0.084344	-0.9615	14.45149
{1}-{3}	0*No	1*No	1.15417	2.458587	0.641584	-3.8321	6.14041
{1}-{4}	0*No	1*Yes	7.72500	3.799869	0.049481	0.0185	15.43149
{1}-{5}	0*No	2*No	2.10417	2.458587	0.397745	-2.8821	7.09041
{1}-{6}	0*No	2*Yes	11.28500	3.799869	0.005277	3.5785	18.99149
{1}-{7}	0*No	3*No	4.89167	2.458587	0.054270	-0.0946	9.87791
{1}-{8}	0*No	3*Yes	14.05000	3.799869	0.000721	6.3435	21.75649
{1}-{9}	0*No	4*No	9.53333	2.458587	0.000430	4.5471	14.51958
{1}-{10}	0*No	4*Yes	12.48500	3.799869	0.002274	4.7785	20.19149
{2}-{3}	0*Yes	1*No	-5.59083	3.799869	0.149892	-13.2973	2.11566

{2}-{4}	0*Yes	1*Yes	0.98000	2.693248	0.718081	-4.4822	6.44216
{2}-{5}	0*Yes	2*No	-4.64083	3.799869	0.229905	-12.3473	3.06566
{2}-{6}	0*Yes	2*Yes	4.54000	2.693248	0.100504	-0.9222	10.00216
{2}-{7}	0*Yes	3*No	-1.85333	3.799869	0.628694	-9.5598	5.85316
{2}-{8}	0*Yes	3*Yes	7.30500	2.693248	0.010180	1.8428	12.76716
{2}-{9}	0*Yes	4*No	2.78833	3.799869	0.467825	-4.9182	10.49483
{2}-{10}	0*Yes	4*Yes	5.74000	2.693248	0.039966	0.2778	11.20216
{3}-{4}	1*No	1*Yes	6.57083	3.799869	0.092336	-1.1357	14.27733
{3}-{5}	1*No	2*No	0.95000	2.458587	0.701474	-4.0362	5.93625
{3}-{6}	1*No	2*Yes	10.13083	3.799869	0.011420	2.4243	17.83733
{3}-{7}	1*No	3*No	3.73750	2.458587	0.137200	-1.2487	8.72375
{3}-{8}	1*No	3*Yes	12.89583	3.799869	0.001691	5.1893	20.60233
{3}-{9}	1*No	4*No	8.37917	2.458587	0.001625	3.3929	13.36541
{3}-{10}	1*No	4*Yes	11.33083	3.799869	0.005113	3.6243	19.03733
{4}-{5}	1*Yes	2*No	-5.62083	3.799869	0.147780	-13.3273	2.08566
{4}-{6}	1*Yes	2*Yes	3.56000	2.693248	0.194565	-1.9022	9.02216
{4}-{7}	1*Yes	3*No	-2.83333	3.799869	0.460726	-10.5398	4.87316
{4}-{8}	1*Yes	3*Yes	6.32500	2.693248	0.024461	0.8628	11.78716
{4}-{9}	1*Yes	4*No	1.80833	3.799869	0.637026	-5.8982	9.51483



{4}-{10}	1*Yes	4*Yes	4.76000	2.693248	0.085641	-0.7022	10.22216
{5}-{6}	2*No	2*Yes	9.18083	3.799869	0.020887	1.4743	16.88733
{5}-{7}	2*No	3*No	2.78750	2.458587	0.264380	-2.1987	7.77375
{5}-{8}	2*No	3*Yes	11.94583	3.799869	0.003334	4.2393	19.65233
{5}-{9}	2*No	4*No	7.42917	2.458587	0.004607	2.4429	12.41541
{5}-{10}	2*No	4*Yes	10.38083	3.799869	0.009694	2.6743	18.08733
{6}-{7}	2*Yes	3*No	-6.39333	3.799869	0.101124	-14.0998	1.31316
{6}-{8}	2*Yes	3*Yes	2.76500	2.693248	0.311438	-2.6972	8.22716
{6}-{9}	2*Yes	4*No	-1.75167	3.799869	0.647585	-9.4582	5.95483
{6}-{10}	2*Yes	4*Yes	1.20000	2.693248	0.658584	-4.2622	6.66216
{7}-{8}	3*No	3*Yes	9.15833	3.799869	0.021180	1.4518	16.86483
{7}-{9}	3*No	4*No	4.64167	2.458587	0.067115	-0.3446	9.62791
{7}-{10}	3*No	4*Yes	7.59333	3.799869	0.053279	-0.1132	15.29983
{8}-{9}	3*Yes	4*No	-4.51667	3.799869	0.242364	-12.2232	3.18983
{8}-{10}	3*Yes	4*Yes	-1.56500	2.693248	0.564805	-7.0272	3.89716
{9}-{10}	4*No	4*Yes	2.95167	3.799869	0.442362	-4.7548	10.65816

**v. WOB (%)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.5298, p=.21425

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	0	No	42.05417	5.144993	31.61964	52.48870	24
2	0	Yes	33.44000	5.636058	22.00955	44.87045	20
3	1	No	41.54583	5.144993	31.11130	51.98036	24
4	1	Yes	34.36500	5.636058	22.93455	45.79545	20
5	2	No	41.50417	5.144993	31.06964	51.93870	24
6	2	Yes	30.25500	5.636058	18.82455	41.68545	20
7	3	No	34.77500	5.144993	24.34047	45.20953	24
8	3	Yes	43.60500	5.636058	32.17455	55.03545	20
9	4	No	30.06250	5.144993	19.62797	40.49703	24
10	4	Yes	26.36500	5.636058	14.93455	37.79545	20

LSD test; variable WOB-Vel (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Cell {#1}-{#2}							
{1}-{2}	0*No	0*Yes	8.6142	7.631258	0.266448	-6.8627	24.09108
{1}-{3}	0*No	1*No	0.5083	6.069017	0.933712	-11.8002	12.81687
{1}-{4}	0*No	1*Yes	7.6892	7.631258	0.320377	-7.7877	23.16608
{1}-{5}	0*No	2*No	0.5500	6.069017	0.928294	-11.7585	12.85854
{1}-{6}	0*No	2*Yes	11.7992	7.631258	0.130812	-3.6777	27.27608
{1}-{7}	0*No	3*No	7.2792	6.069017	0.238208	-5.0294	19.58770
{1}-{8}	0*No	3*Yes	-1.5508	7.631258	0.840106	-17.0277	13.92608
{1}-{9}	0*No	4*No	11.9917	6.069017	0.055871	-0.3169	24.30020
{1}-{10}	0*No	4*Yes	15.6892	7.631258	0.047098	0.2123	31.16608
{2}-{3}	0*Yes	1*No	-8.1058	7.631258	0.295224	-23.5827	7.37108
{2}-{4}	0*Yes	1*Yes	-0.9250	6.648275	0.890120	-14.4083	12.55833
{2}-{5}	0*Yes	2*No	-8.0642	7.631258	0.297676	-23.5411	7.41274
{2}-{6}	0*Yes	2*Yes	3.1850	6.648275	0.634785	-10.2983	16.66833
{2}-{7}	0*Yes	3*No	-1.3350	7.631258	0.862108	-16.8119	14.14191
{2}-{8}	0*Yes	3*Yes	-10.1650	6.648275	0.135012	-23.6483	3.31833
{2}-{9}	0*Yes	4*No	3.3775	7.631258	0.660712	-12.0994	18.85441
{2}-{10}	0*Yes	4*Yes	7.0750	6.648275	0.294331	-6.4083	20.55833
{3}-{4}	1*No	1*Yes	7.1808	7.631258	0.352989	-8.2961	22.65774

{3}-{5}	1*No	2*No	0.0417	6.069017	0.994560	-12.2669	12.35020
{3}-{6}	1*No	2*Yes	11.2908	7.631258	0.147692	-4.1861	26.76774
{3}-{7}	1*No	3*No	6.7708	6.069017	0.271969	-5.5377	19.07937
{3}-{8}	1*No	3*Yes	-2.0592	7.631258	0.788829	-17.5361	13.41774
{3}-{9}	1*No	4*No	11.4833	6.069017	0.066539	-0.8252	23.79187
{3}-{10}	1*No	4*Yes	15.1808	7.631258	0.054308	-0.2961	30.65774
{4}-{5}	1*Yes	2*No	-7.1392	7.631258	0.355756	-22.6161	8.33774
{4}-{6}	1*Yes	2*Yes	4.1100	6.648275	0.540332	-9.3733	17.59333
{4}-{7}	1*Yes	3*No	-0.4100	7.631258	0.957450	-15.8869	15.06691
{4}-{8}	1*Yes	3*Yes	-9.2400	6.648275	0.173115	-22.7233	4.24333
{4}-{9}	1*Yes	4*No	4.3025	7.631258	0.576386	-11.1744	19.77941
{4}-{10}	1*Yes	4*Yes	8.0000	6.648275	0.236706	-5.4833	21.48333
{5}-{6}	2*No	2*Yes	11.2492	7.631258	0.149149	-4.2277	26.72608
{5}-{7}	2*No	3*No	6.7292	6.069017	0.274880	-5.5794	19.03770
{5}-{8}	2*No	3*Yes	-2.1008	7.631258	0.784665	-17.5777	13.37608
{5}-{9}	2*No	4*No	11.4417	6.069017	0.067486	-0.8669	23.75020
{5}-{10}	2*No	4*Yes	15.1392	7.631258	0.054940	-0.3377	30.61608
{6}-{7}	2*Yes	3*No	-4.5200	7.631258	0.557351	-19.9969	10.95691
{6}-{8}	2*Yes	3*Yes	-13.3500	6.648275	0.052188	-26.8333	0.13333

{6}-{9}	2*Yes	4*No	0.1925	7.631258	0.980015	-15.2844	15.66941
{6}-{10}	2*Yes	4*Yes	3.8900	6.648275	0.562121	-9.5933	17.37333
{7}-{8}	3*No	3*Yes	-8.8300	7.631258	0.254859	-24.3069	6.64691
{7}-{9}	3*No	4*No	4.7125	6.069017	0.442535	-7.5960	17.02104
{7}-{10}	3*No	4*Yes	8.4100	7.631258	0.277755	-7.0669	23.88691
{8}-{9}	3*Yes	4*No	13.5425	7.631258	0.084420	-1.9344	29.01941
{8}-{10}	3*Yes	4*Yes	17.2400	6.648275	0.013662	3.7567	30.72333
{9}-{10}	4*No	4*Yes	3.6975	7.631258	0.630952	-11.7794	19.17441

**w. ALH ( $\mu\text{m/s}$ )**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=1.2075, p=.32452

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	0	No	8.516667	0.660212	7.177694	9.855639	24
2	0	Yes	7.835000	0.723226	6.368229	9.301771	20
3	1	No	7.570833	0.660212	6.231861	8.909806	24
4	1	Yes	6.300000	0.723226	4.833229	7.766771	20

5	2	No	7.066667	0.660212	5.727694	8.405639	24
6	2	Yes	4.595000	0.723226	3.128229	6.061771	20
7	3	No	6.054167	0.660212	4.715194	7.393139	24
8	3	Yes	5.400000	0.723226	3.933229	6.866771	20
9	4	No	5.633333	0.660212	4.294361	6.972306	24
10	4	Yes	5.475000	0.723226	4.008229	6.941771	20

LSD test; variable ALH-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	0.68167	0.979253	0.490831	-1.30435	2.667684
{1}-{3}	0*No	1*No	0.94583	0.770868	0.227797	-0.61756	2.509226
{1}-{4}	0*No	1*Yes	2.21667	0.979253	0.029722	0.23065	4.202684
{1}-{5}	0*No	2*No	1.45000	0.770868	0.068080	-0.11339	3.013393
{1}-{6}	0*No	2*Yes	3.92167	0.979253	0.000297	1.93565	5.907684
{1}-{7}	0*No	3*No	2.46250	0.770868	0.002910	0.89911	4.025893

{1}-{8}	0*No	3*Yes	3.11667	0.979253	0.003004	1.13065	5.102684
{1}-{9}	0*No	4*No	2.88333	0.770868	0.000638	1.31994	4.446726
{1}-{10}	0*No	4*Yes	3.04167	0.979253	0.003686	1.05565	5.027684
{2}-{3}	0*Yes	1*No	0.26417	0.979253	0.788883	-1.72185	2.250184
{2}-{4}	0*Yes	1*Yes	1.53500	0.844444	0.077430	-0.17761	3.247611
{2}-{5}	0*Yes	2*No	0.76833	0.979253	0.437814	-1.21768	2.754351
{2}-{6}	0*Yes	2*Yes	3.24000	0.844444	0.000484	1.52739	4.952611
{2}-{7}	0*Yes	3*No	1.78083	0.979253	0.077306	-0.20518	3.766851
{2}-{8}	0*Yes	3*Yes	2.43500	0.844444	0.006597	0.72239	4.147611
{2}-{9}	0*Yes	4*No	2.20167	0.979253	0.030773	0.21565	4.187684
{2}-{10}	0*Yes	4*Yes	2.36000	0.844444	0.008275	0.64739	4.072611
{3}-{4}	1*No	1*Yes	1.27083	0.979253	0.202625	-0.71518	3.256851
{3}-{5}	1*No	2*No	0.50417	0.770868	0.517252	-1.05923	2.067560
{3}-{6}	1*No	2*Yes	2.97583	0.979253	0.004404	0.98982	4.961851
{3}-{7}	1*No	3*No	1.51667	0.770868	0.056870	-0.04673	3.080060
{3}-{8}	1*No	3*Yes	2.17083	0.979253	0.033039	0.18482	4.156851
{3}-{9}	1*No	4*No	1.93750	0.770868	0.016572	0.37411	3.500893
{3}-{10}	1*No	4*Yes	2.09583	0.979253	0.039183	0.10982	4.081851
{4}-{5}	1*Yes	2*No	-0.76667	0.979253	0.438800	-2.75268	1.219351

{4}-{6}	1*Yes	2*Yes	1.70500	0.844444	0.050973	-0.00761	3.417611
{4}-{7}	1*Yes	3*No	0.24583	0.979253	0.803209	-1.74018	2.231851
{4}-{8}	1*Yes	3*Yes	0.90000	0.844444	0.293614	-0.81261	2.612611
{4}-{9}	1*Yes	4*No	0.66667	0.979253	0.500359	-1.31935	2.652684
{4}-{10}	1*Yes	4*Yes	0.82500	0.844444	0.335102	-0.88761	2.537611
{5}-{6}	2*No	2*Yes	2.47167	0.979253	0.016154	0.48565	4.457684
{5}-{7}	2*No	3*No	1.01250	0.770868	0.197340	-0.55089	2.575893
{5}-{8}	2*No	3*Yes	1.66667	0.979253	0.097382	-0.31935	3.652684
{5}-{9}	2*No	4*No	1.43333	0.770868	0.071162	-0.13006	2.996726
{5}-{10}	2*No	4*Yes	1.59167	0.979253	0.112804	-0.39435	3.577684
{6}-{7}	2*Yes	3*No	-1.45917	0.979253	0.144913	-3.44518	0.526851
{6}-{8}	2*Yes	3*Yes	-0.80500	0.844444	0.346800	-2.51761	0.907611
{6}-{9}	2*Yes	4*No	-1.03833	0.979253	0.296056	-3.02435	0.947684
{6}-{10}	2*Yes	4*Yes	-0.88000	0.844444	0.304311	-2.59261	0.832611
{7}-{8}	3*No	3*Yes	0.65417	0.979253	0.508377	-1.33185	2.640184
{7}-{9}	3*No	4*No	0.42083	0.770868	0.588487	-1.14256	1.984226
{7}-{10}	3*No	4*Yes	0.57917	0.979253	0.557923	-1.40685	2.565184
{8}-{9}	3*Yes	4*No	-0.23333	0.979253	0.813017	-2.21935	1.752684
{8}-{10}	3*Yes	4*Yes	-0.07500	0.844444	0.929721	-1.78761	1.637611



{9}-{10}	4*No	4*Yes	0.15833	0.979253	0.872456	-1.82768	2.144351
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**x. BCF (Hz)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=.38352, p=.81894

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	0	No	5.991667	1.047219	3.867808	8.115526	24
2	0	Yes	3.865000	1.147171	1.538429	6.191571	20
3	1	No	4.225000	1.047219	2.101141	6.348859	24
4	1	Yes	3.480000	1.147171	1.153429	5.806571	20
5	2	No	4.358333	1.047219	2.234474	6.482192	24
6	2	Yes	3.200000	1.147171	0.873429	5.526571	20
7	3	No	4.908333	1.047219	2.784474	7.032192	24
8	3	Yes	2.585000	1.147171	0.258429	4.911571	20
9	4	No	5.125000	1.047219	3.001141	7.248859	24
10	4	Yes	2.005000	1.147171	-0.321571	4.331571	20

LSD test; variable BCF-Others (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	0*No	0*Yes	2.12667	1.553277	0.179435	-1.02353	5.276858
{1}-{3}	0*No	1*No	1.76667	1.461194	0.234522	-1.19677	4.730105
{1}-{4}	0*No	1*Yes	2.51167	1.553277	0.114606	-0.63853	5.661858
{1}-{5}	0*No	2*No	1.63333	1.461194	0.271054	-1.33011	4.596772
{1}-{6}	0*No	2*Yes	2.79167	1.553277	0.080685	-0.35853	5.941858
{1}-{7}	0*No	3*No	1.08333	1.461194	0.463259	-1.88011	4.046772
{1}-{8}	0*No	3*Yes	3.40667	1.553277	0.034835	0.25647	6.556858
{1}-{9}	0*No	4*No	0.86667	1.461194	0.556807	-2.09677	3.830105
{1}-{10}	0*No	4*Yes	3.98667	1.553277	0.014574	0.83647	7.136858
{2}-{3}	0*Yes	1*No	-0.36000	1.553277	0.818031	-3.51019	2.790192
{2}-{4}	0*Yes	1*Yes	0.38500	1.600658	0.811287	-2.86128	3.631285
{2}-{5}	0*Yes	2*No	-0.49333	1.553277	0.752617	-3.64353	2.656858
{2}-{6}	0*Yes	2*Yes	0.66500	1.600658	0.680275	-2.58128	3.911285

{2}-{7}	0*Yes	3*No	-1.04333	1.553277	0.506064	-4.19353	2.106858
{2}-{8}	0*Yes	3*Yes	1.28000	1.600658	0.429147	-1.96628	4.526285
{2}-{9}	0*Yes	4*No	-1.26000	1.553277	0.422589	-4.41019	1.890192
{2}-{10}	0*Yes	4*Yes	1.86000	1.600658	0.252873	-1.38628	5.106285
{3}-{4}	1*No	1*Yes	0.74500	1.553277	0.634391	-2.40519	3.895192
{3}-{5}	1*No	2*No	-0.13333	1.461194	0.927800	-3.09677	2.830105
{3}-{6}	1*No	2*Yes	1.02500	1.553277	0.513521	-2.12519	4.175192
{3}-{7}	1*No	3*No	-0.68333	1.461194	0.642851	-3.64677	2.280105
{3}-{8}	1*No	3*Yes	1.64000	1.553277	0.298079	-1.51019	4.790192
{3}-{9}	1*No	4*No	-0.90000	1.461194	0.541813	-3.86344	2.063439
{3}-{10}	1*No	4*Yes	2.22000	1.553277	0.161557	-0.93019	5.370192
{4}-{5}	1*Yes	2*No	-0.87833	1.553277	0.575261	-4.02853	2.271858
{4}-{6}	1*Yes	2*Yes	0.28000	1.600658	0.862116	-2.96628	3.526285
{4}-{7}	1*Yes	3*No	-1.42833	1.553277	0.363923	-4.57853	1.721858
{4}-{8}	1*Yes	3*Yes	0.89500	1.600658	0.579525	-2.35128	4.141285
{4}-{9}	1*Yes	4*No	-1.64500	1.553277	0.296631	-4.79519	1.505192
{4}-{10}	1*Yes	4*Yes	1.47500	1.600658	0.362926	-1.77128	4.721285
{5}-{6}	2*No	2*Yes	1.15833	1.553277	0.460669	-1.99186	4.308525
{5}-{7}	2*No	3*No	-0.55000	1.461194	0.708826	-3.51344	2.413439

{5}-{8}	2*No	3*Yes	1.77333	1.553277	0.261128	-1.37686	4.923525
{5}-{9}	2*No	4*No	-0.76667	1.461194	0.603018	-3.73011	2.196772
{5}-{10}	2*No	4*Yes	2.35333	1.553277	0.138485	-0.79686	5.503525
{6}-{7}	2*Yes	3*No	-1.70833	1.553277	0.278709	-4.85853	1.441858
{6}-{8}	2*Yes	3*Yes	0.61500	1.600658	0.703078	-2.63128	3.861285
{6}-{9}	2*Yes	4*No	-1.92500	1.553277	0.223248	-5.07519	1.225192
{6}-{10}	2*Yes	4*Yes	1.19500	1.600658	0.460172	-2.05128	4.441285
{7}-{8}	3*No	3*Yes	2.32333	1.553277	0.143431	-0.82686	5.473525
{7}-{9}	3*No	4*No	-0.21667	1.461194	0.882949	-3.18011	2.746772
{7}-{10}	3*No	4*Yes	2.90333	1.553277	0.069752	-0.24686	6.053525
{8}-{9}	3*Yes	4*No	-2.54000	1.553277	0.110711	-5.69019	0.610192
{8}-{10}	3*Yes	4*Yes	0.58000	1.600658	0.719208	-2.66628	3.826285
{9}-{10}	4*No	4*Yes	3.12000	1.553277	0.052120	-0.03019	6.270192

**z. Viable cells (%)**

Concentration\_New\*Obese (Y/N); LS Means (Rat Results- Final in Analysis - 17Jul2012.stw)

Current effect: F(4, 36)=2.8883, p=.03584

Type III decomposition

Cell No.	Concentration_New	Obese (Y/N)	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	0	No	81.50000	1.473578	78.51145	84.48855	24
2	0	Yes	63.00000	1.614223	59.72620	66.27380	20
3	1	No	77.41667	1.473578	74.42811	80.40522	24
4	1	Yes	63.35000	1.614223	60.07620	66.62380	20
5	2	No	73.25000	1.473578	70.26145	76.23855	24
6	2	Yes	57.35000	1.614223	54.07620	60.62380	20
7	3	No	67.20833	1.473578	64.21978	70.19689	24
8	3	Yes	55.60000	1.614223	52.32620	58.87380	20
9	4	No	63.37500	1.473578	60.38645	66.36355	24
10	4	Yes	54.40000	1.614223	51.12620	57.67380	20

LSD test; variable % Viab (Rat Results- Final in Analysis - 17Jul2012.stw)

Simultaneous confidence intervals

Effect: Concentration\_New\*Obese (Y/N)

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							

{1}-{2}	0*No	0*Yes	18.5000	2.185669	0.000000	14.0673	22.93274
{1}-{3}	0*No	1*No	4.0833	2.073783	0.056685	-0.1225	8.28916
{1}-{4}	0*No	1*Yes	18.1500	2.185669	0.000000	13.7173	22.58274
{1}-{5}	0*No	2*No	8.2500	2.073783	0.000321	4.0442	12.45583
{1}-{6}	0*No	2*Yes	24.1500	2.185669	0.000000	19.7173	28.58274
{1}-{7}	0*No	3*No	14.2917	2.073783	0.000000	10.0858	18.49749
{1}-{8}	0*No	3*Yes	25.9000	2.185669	0.000000	21.4673	30.33274
{1}-{9}	0*No	4*No	18.1250	2.073783	0.000000	13.9192	22.33083
{1}-{10}	0*No	4*Yes	27.1000	2.185669	0.000000	22.6673	31.53274
{2}-{3}	0*Yes	1*No	-14.4167	2.185669	0.000000	-18.8494	-9.98393
{2}-{4}	0*Yes	1*Yes	-0.3500	2.271715	0.878416	-4.9573	4.25725
{2}-{5}	0*Yes	2*No	-10.2500	2.185669	0.000039	-14.6827	-5.81726
{2}-{6}	0*Yes	2*Yes	5.6500	2.271715	0.017650	1.0427	10.25725
{2}-{7}	0*Yes	3*No	-4.2083	2.185669	0.062105	-8.6411	0.22441
{2}-{8}	0*Yes	3*Yes	7.4000	2.271715	0.002455	2.7927	12.00725
{2}-{9}	0*Yes	4*No	-0.3750	2.185669	0.864735	-4.8077	4.05774
{2}-{10}	0*Yes	4*Yes	8.6000	2.271715	0.000561	3.9927	13.20725
{3}-{4}	1*No	1*Yes	14.0667	2.185669	0.000000	9.6339	18.49941
{3}-{5}	1*No	2*No	4.1667	2.073783	0.052058	-0.0392	8.37249

{3}-{6}	1*No	2*Yes	20.0667	2.185669	0.000000	15.6339	24.49941
{3}-{7}	1*No	3*No	10.2083	2.073783	0.000019	6.0025	14.41416
{3}-{8}	1*No	3*Yes	21.8167	2.185669	0.000000	17.3839	26.24941
{3}-{9}	1*No	4*No	14.0417	2.073783	0.000000	9.8358	18.24749
{3}-{10}	1*No	4*Yes	23.0167	2.185669	0.000000	18.5839	27.44941
{4}-{5}	1*Yes	2*No	-9.9000	2.185669	0.000063	-14.3327	-5.46726
{4}-{6}	1*Yes	2*Yes	6.0000	2.271715	0.012145	1.3927	10.60725
{4}-{7}	1*Yes	3*No	-3.8583	2.185669	0.085997	-8.2911	0.57441
{4}-{8}	1*Yes	3*Yes	7.7500	2.271715	0.001610	3.1427	12.35725
{4}-{9}	1*Yes	4*No	-0.0250	2.185669	0.990937	-4.4577	4.40774
{4}-{10}	1*Yes	4*Yes	8.9500	2.271715	0.000359	4.3427	13.55725
{5}-{6}	2*No	2*Yes	15.9000	2.185669	0.000000	11.4673	20.33274
{5}-{7}	2*No	3*No	6.0417	2.073783	0.006110	1.8358	10.24749
{5}-{8}	2*No	3*Yes	17.6500	2.185669	0.000000	13.2173	22.08274
{5}-{9}	2*No	4*No	9.8750	2.073783	0.000031	5.6692	14.08083
{5}-{10}	2*No	4*Yes	18.8500	2.185669	0.000000	14.4173	23.28274
{6}-{7}	2*Yes	3*No	-9.8583	2.185669	0.000066	-14.2911	-5.42559
{6}-{8}	2*Yes	3*Yes	1.7500	2.271715	0.446123	-2.8573	6.35725
{6}-{9}	2*Yes	4*No	-6.0250	2.185669	0.009112	-10.4577	-1.59226

{6}-{10}	2*Yes	4*Yes	2.9500	2.271715	0.202346	-1.6573	7.55725
{7}-{8}	3*No	3*Yes	11.6083	2.185669	0.000006	7.1756	16.04107
{7}-{9}	3*No	4*No	3.8333	2.073783	0.072761	-0.3725	8.03916
{7}-{10}	3*No	4*Yes	12.8083	2.185669	0.000001	8.3756	17.24107
{8}-{9}	3*Yes	4*No	-7.7750	2.185669	0.001072	-12.2077	-3.34226
{8}-{10}	3*Yes	4*Yes	1.2000	2.271715	0.600578	-3.4073	5.80725
{9}-{10}	4*No	4*Yes	8.9750	2.185669	0.000221	4.5423	13.40774



## Variance Estimation, Precision & Comparison (VEPAC) (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

### Variance Estimation and Precision Results: Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw

#### Fixed Effect Test for static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Fixed Effect Test for static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	1.444531	0.235393
Time Point	3	33	0.542876	0.656354
Concentration*Time Point	12	132	2.565570	0.004374

#### Fixed Effect Test for NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Fixed Effect Test for NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	2.975218	0.029334
Time Point	3	33	7.291116	0.000700
Concentration*Time Point	12	132	1.358205	0.194018

#### Fixed Effect Test for P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Fixed Effect Test for P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

	Num. DF	Den. DF	F	p
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Effect				
<b>Concentration</b>	4	44	3.437955	0.015725
<b>Time Point</b>	3	33	3.056700	0.041860
<b>Concentration*Time Point</b>	12	132	2.775788	0.002116

**Fixed Effect Test for Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration</b>	4	44	1.436368	0.237958
<b>Time Point</b>	3	33	0.544187	0.655494
<b>Concentration*Time Point</b>	12	132	2.573094	0.004263

**Fixed Effect Test for Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
<b>Concentration</b>	4	44	3.944486	0.008035
<b>Time Point</b>	3	33	3.264926	0.033519
<b>Concentration*Time Point</b>	12	132	2.560557	0.004450

**Fixed Effect Test for Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition				
Effect	Num. DF	Den. DF	F	p
Concentration	4	44	2.027122	0.107084
Time Point	3	33	5.113013	0.005138
Concentration*Time Point	12	132	1.822269	0.050613

**Fixed Effect Test for Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	2.836915	0.035397
Time Point	3	33	3.807004	0.018989
Concentration*Time Point	12	132	2.275331	0.011700

**Fixed Effect Test for Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	1.436091	0.238045
Time Point	3	33	0.540227	0.658094
Concentration*Time Point	12	132	2.567067	0.004352

**Fixed Effect Test for Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	9.214356	0.000017
Time Point	3	33	1.853290	0.156773
Concentration*Time Point	12	132	2.234490	0.013405

**Fixed Effect Test for Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	0.613519	0.655139
Time Point	3	33	2.370680	0.088278
Concentration*Time Point	12	132	3.068367	0.000760

**Fixed Effect Test for Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	4.104918	0.006513
Time Point	3	33	6.441414	0.001484

<b>Concentration*Time Point</b>	12	132	1.940429	0.034924
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**Fixed Effect Test for Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	2.146848	0.090911
<b>Time Point</b>	3	33	0.633773	0.598518
<b>Concentration*Time Point</b>	12	132	2.205055	0.014781

**Fixed Effect Test for Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	2.061739	0.102136
<b>Time Point</b>	3	33	1.917106	0.145998
<b>Concentration*Time Point</b>	12	132	2.411834	0.007390

**Fixed Effect Test for Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
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<b>Concentration</b>	4	44	1.933600	0.121667
<b>Time Point</b>	3	33	0.448276	0.720176
<b>Concentration*Time Point</b>	12	132	1.989964	0.029816

**Fixed Effect Test for Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	2.561548	0.051535
<b>Time Point</b>	3	33	1.835774	0.159869
<b>Concentration*Time Point</b>	12	132	3.160782	0.000549

**Fixed Effect Test for Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	0.968586	0.434314
<b>Time Point</b>	3	33	0.727653	0.542813
<b>Concentration*Time Point</b>	12	132	2.096491	0.021123

**Fixed Effect Test for VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	6.916570	0.000207
Time Point	3	33	4.549582	0.008934
Concentration*Time Point	12	132	2.796683	0.001967

**Fixed Effect Test for VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	13.18409	0.000000
Time Point	3	33	2.60801	0.068038
Concentration*Time Point	12	132	2.32192	0.010009

**Fixed Effect Test for VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	10.62943	0.000004
Time Point	3	33	4.18725	0.012861
Concentration*Time Point	12	132	2.55698	0.004505

**Fixed Effect Test for LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	14.58948	0.000000
Time Point	3	33	1.92345	0.144970
Concentration*Time Point	12	132	2.47597	0.005943

**Fixed Effect Test for STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	14.47078	0.000000
Time Point	3	33	2.14031	0.113893
Concentration*Time Point	12	132	2.08827	0.021697

**Fixed Effect Test for WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	3.551285	0.013517
Time Point	3	33	2.469053	0.079224



<b>Concentration*Time Point</b>	12	132	3.002726	0.000957
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**Fixed Effect Test for ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	8.056001	0.000058
<b>Time Point</b>	3	33	1.987721	0.134949
<b>Concentration*Time Point</b>	12	132	2.042876	0.025143

**Fixed Effect Test for BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	22.86242	0.000000
<b>Time Point</b>	3	33	2.78369	0.056193
<b>Concentration*Time Point</b>	12	132	1.00617	0.446959

**Fixed Effect Test for AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
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<b>Concentration</b>	4	44	4.022028	0.007259
<b>Time Point</b>	3	33	9.959303	0.000080
<b>Concentration*Time Point</b>	12	132	1.522357	0.123640

**Fixed Effect Test for AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	4.822042	0.002592
<b>Time Point</b>	3	33	8.737938	0.000209
<b>Concentration*Time Point</b>	12	132	1.319621	0.214641

**Fixed Effect Test for AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

<b>Effect</b>	<b>Num. DF</b>	<b>Den. DF</b>	<b>F</b>	<b>p</b>
<b>Concentration</b>	4	44	4.05338	0.006967
<b>Time Point</b>	3	33	10.56406	0.000051
<b>Concentration*Time Point</b>	12	132	1.54749	0.115089

**Fixed Effect Test for Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	7.794915	0.000077
Time Point	3	33	5.696593	0.002946
Concentration*Time Point	12	131	2.872381	0.001520

**Fixed Effect Test for Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Fixed Effect Test for Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	5.592543	0.000995
Time Point	3	33	6.806747	0.001070
Concentration*Time Point	12	131	1.936943	0.035388

**Fixed Effect Test for % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

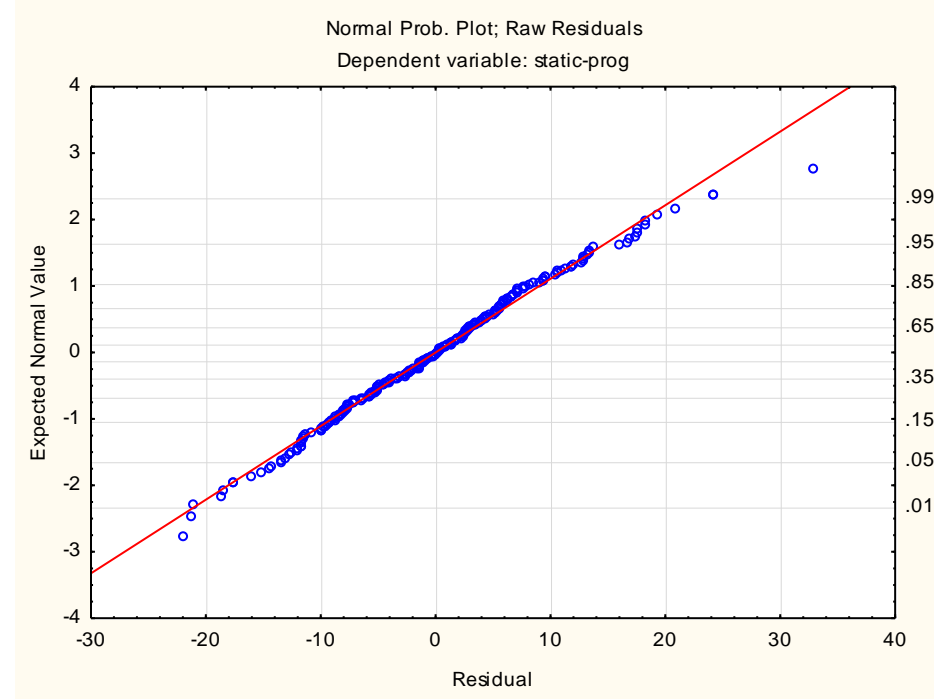
Fixed Effect Test for % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Restricted Maximum Likelihood (REML)

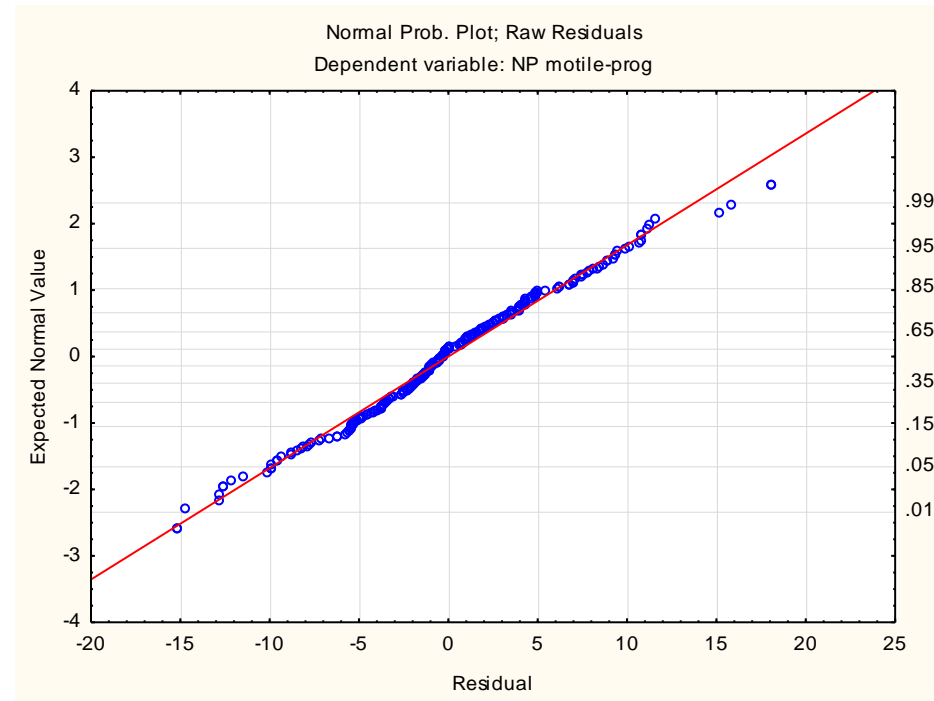
Type V decomposition

Effect	Num. DF	Den. DF	F	p
Concentration	4	44	8.177238	0.000051
Time Point	3	33	6.249686	0.001766
Concentration*Time Point	12	131	2.011320	0.027905

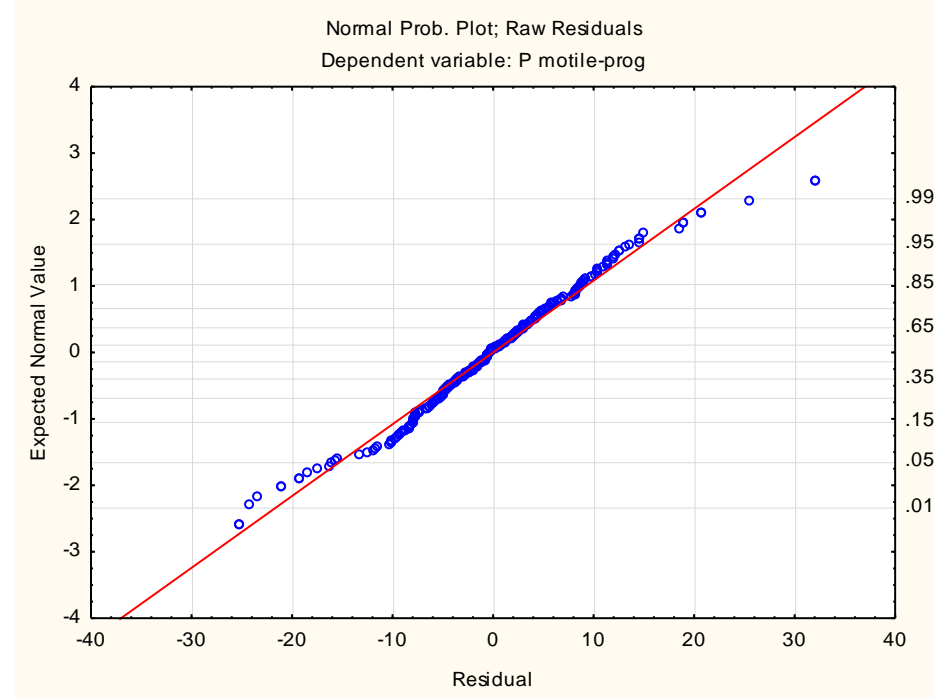
### Normal Prob. Plot; Raw Residuals



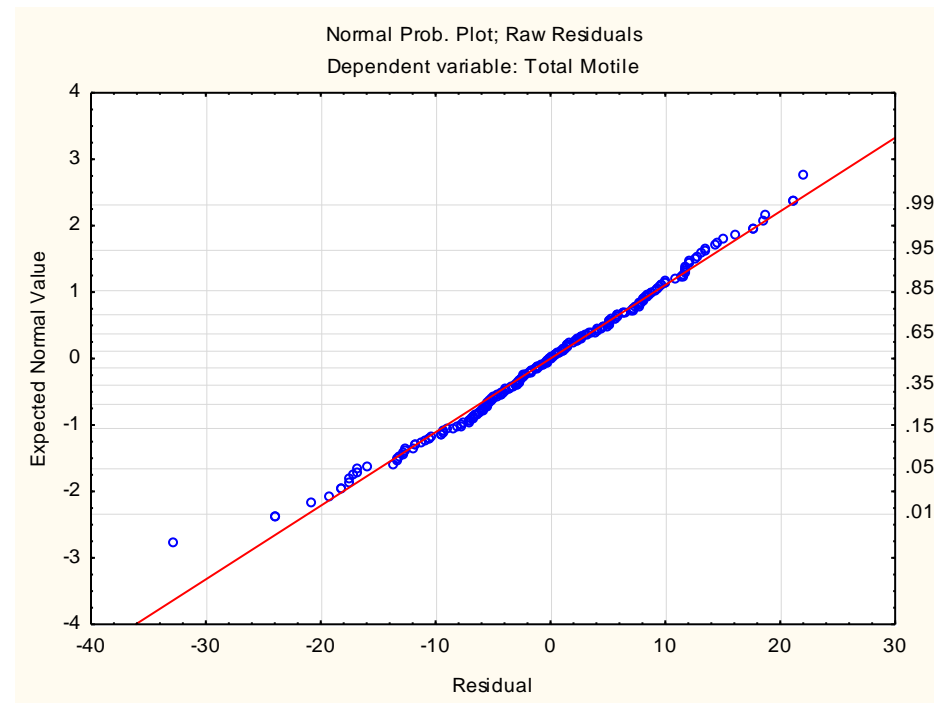
### Normal Prob. Plot; Raw Residuals



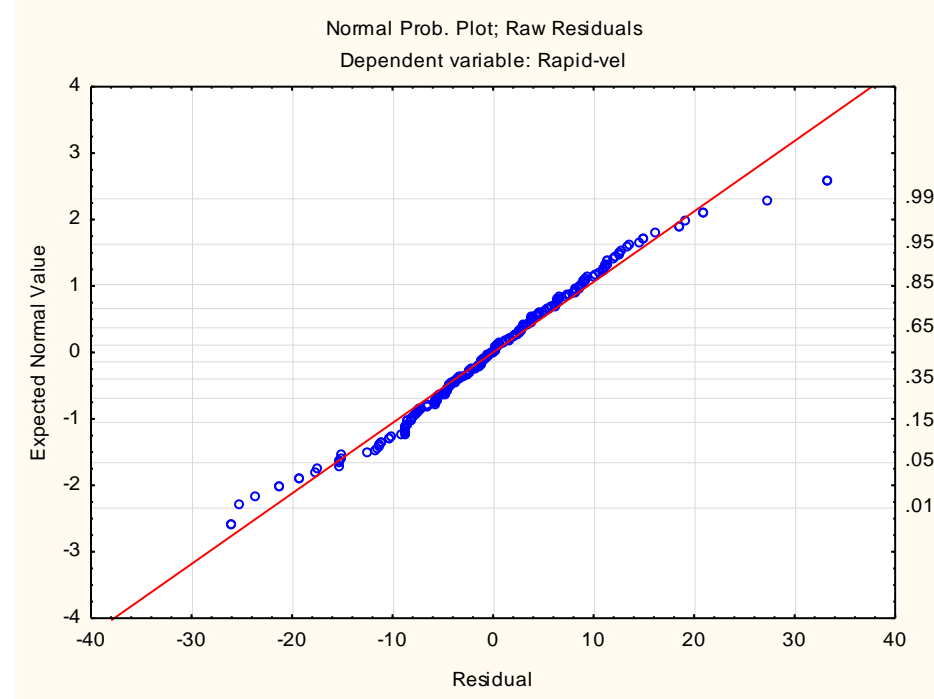
### Normal Prob. Plot; Raw Residuals



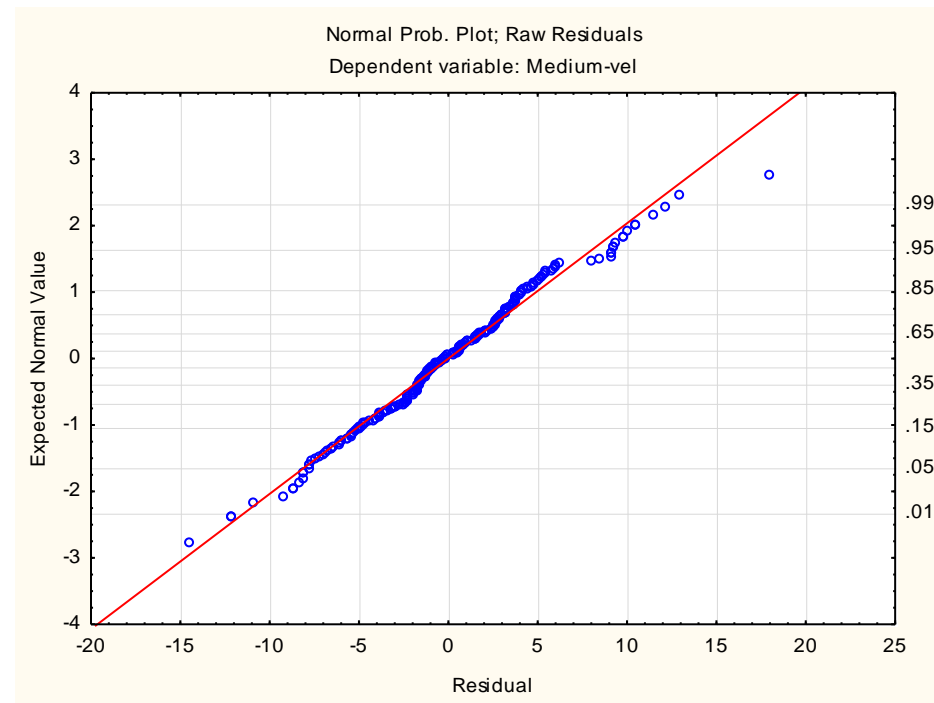
### Normal Prob. Plot; Raw Residuals



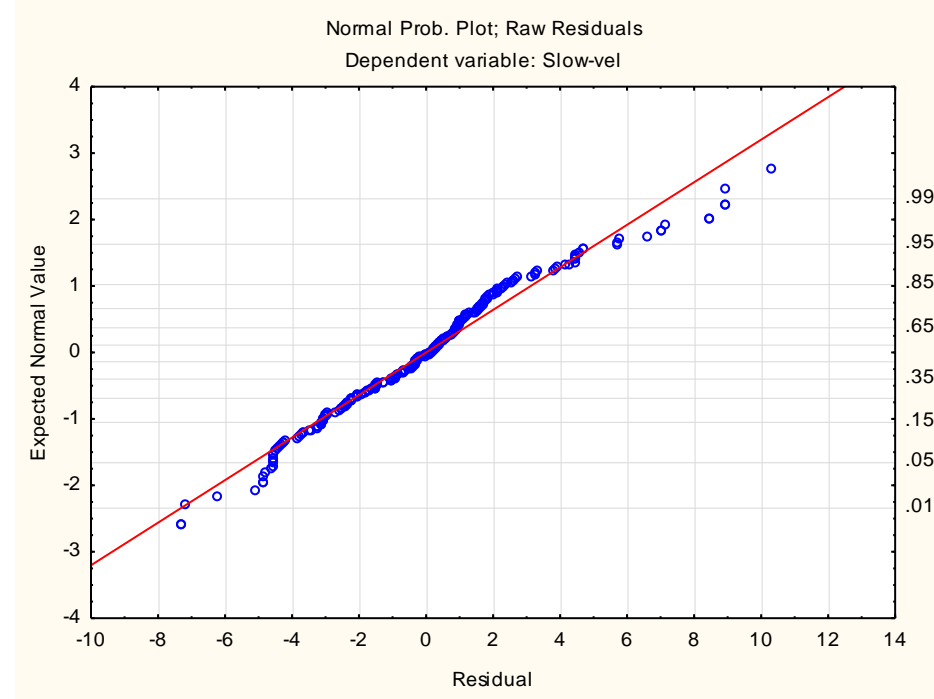
### Normal Prob. Plot; Raw Residuals



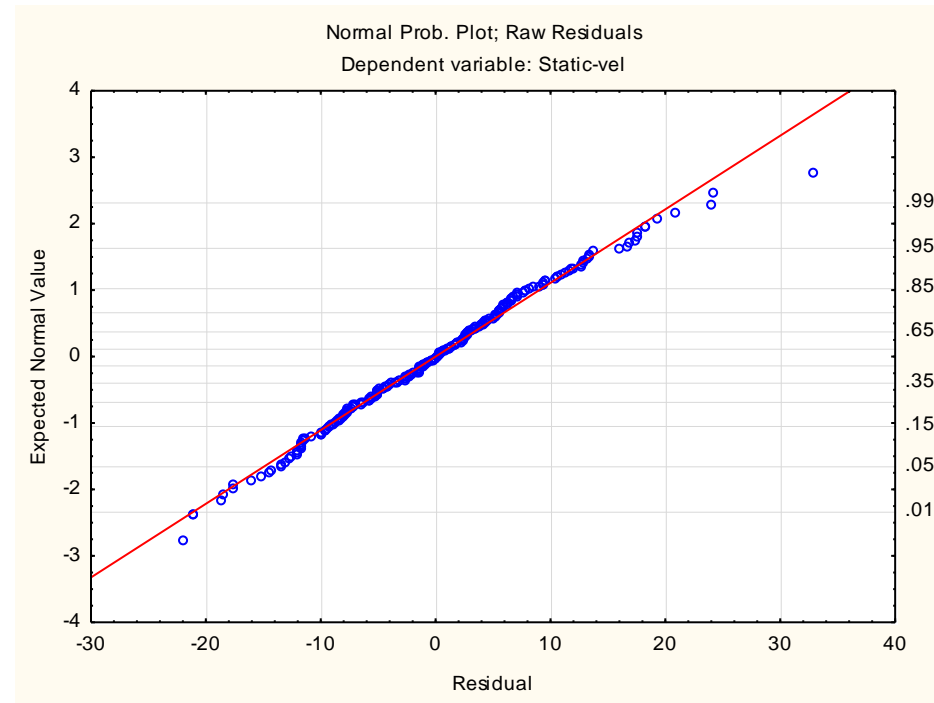
### Normal Prob. Plot; Raw Residuals



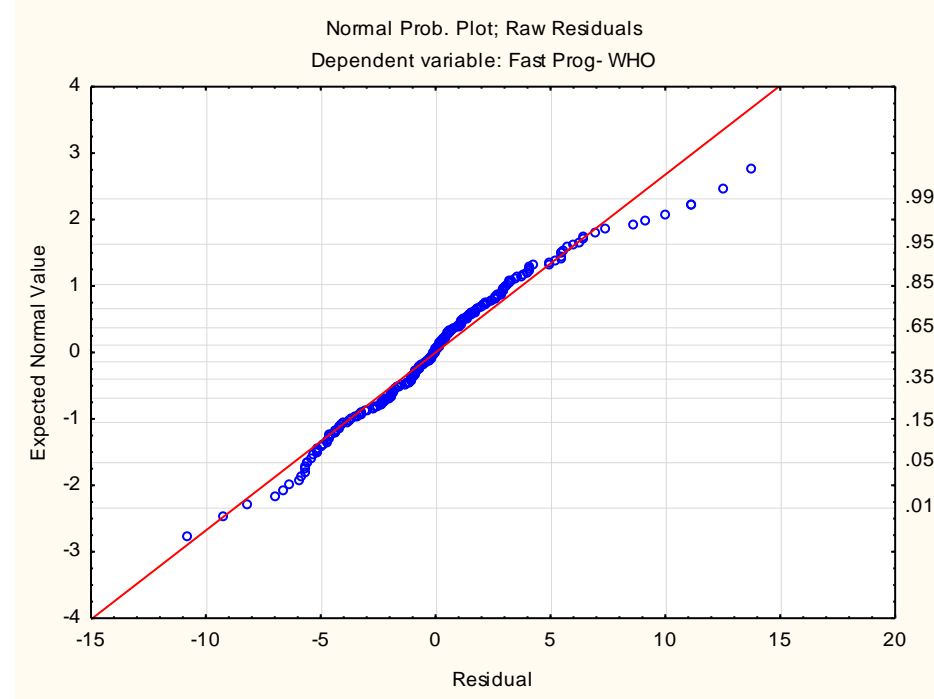
### Normal Prob. Plot; Raw Residuals



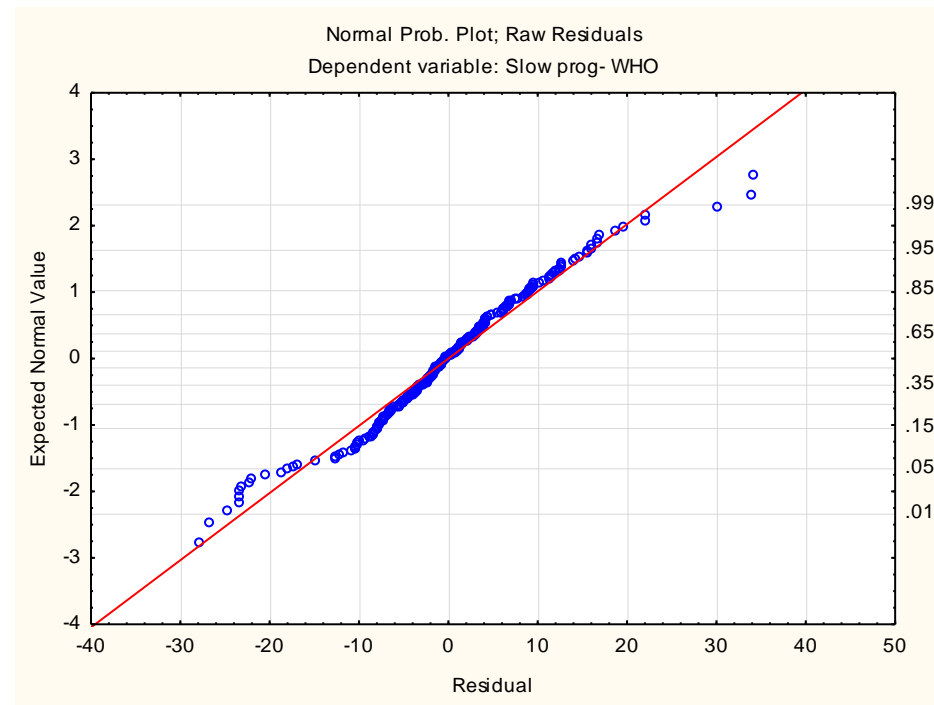
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals

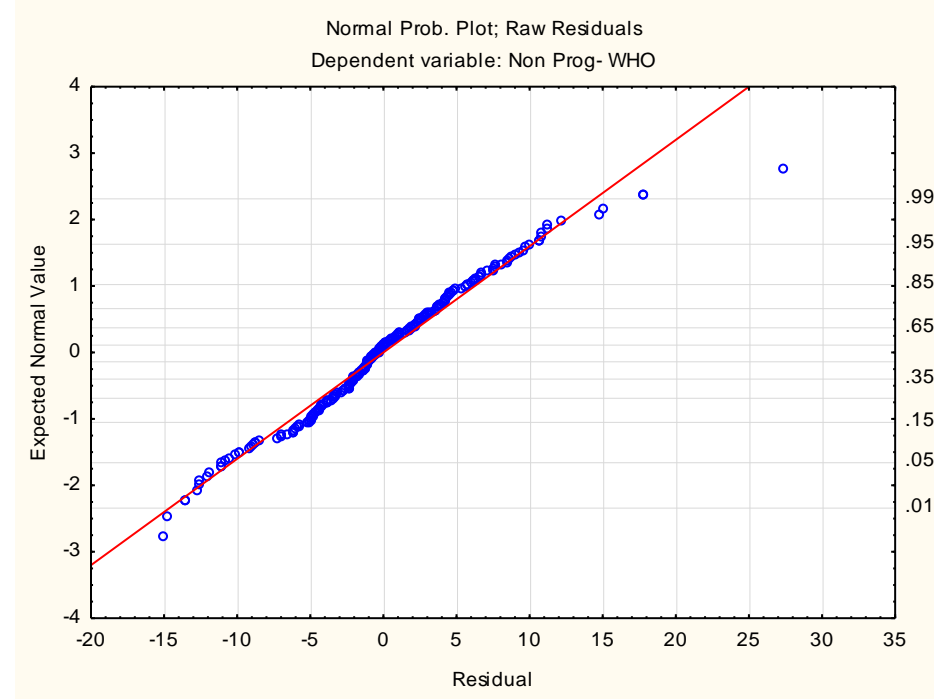


### Normal Prob. Plot; Raw Residuals

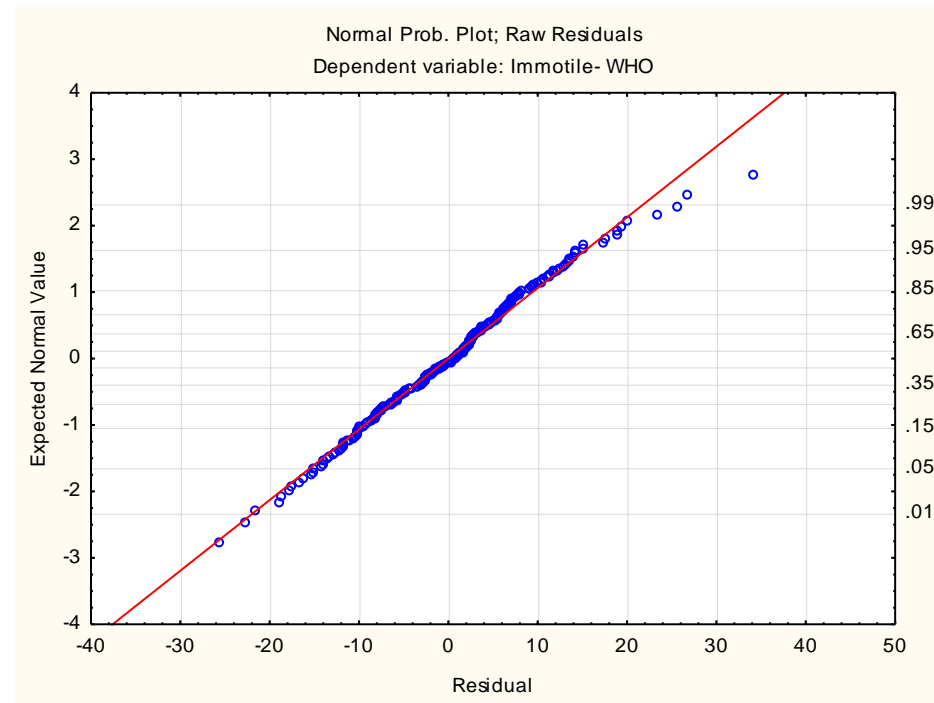




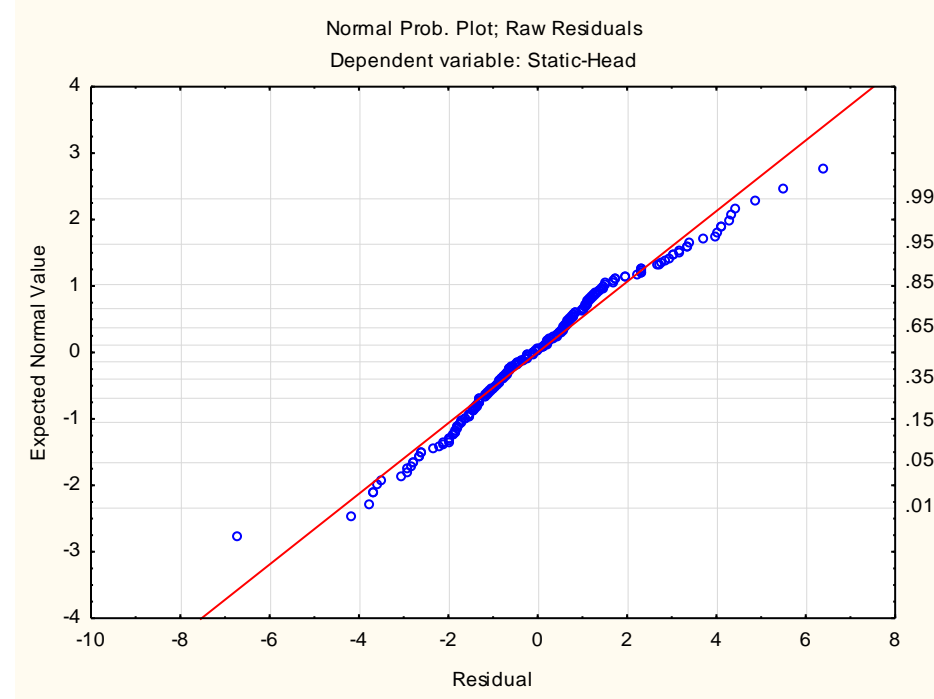
### Normal Prob. Plot; Raw Residuals



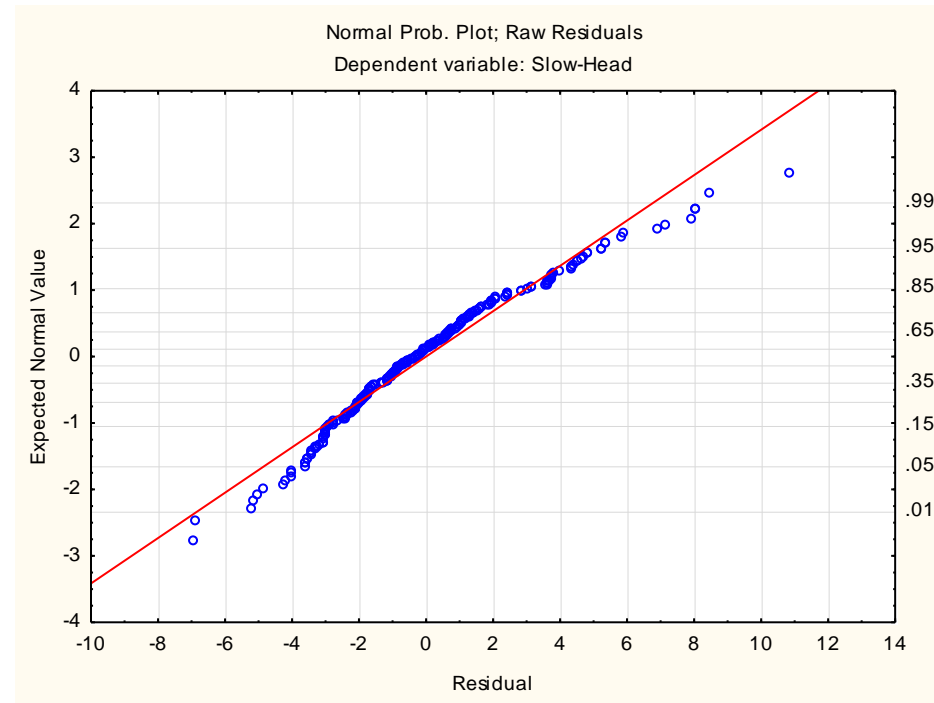
### Normal Prob. Plot; Raw Residuals



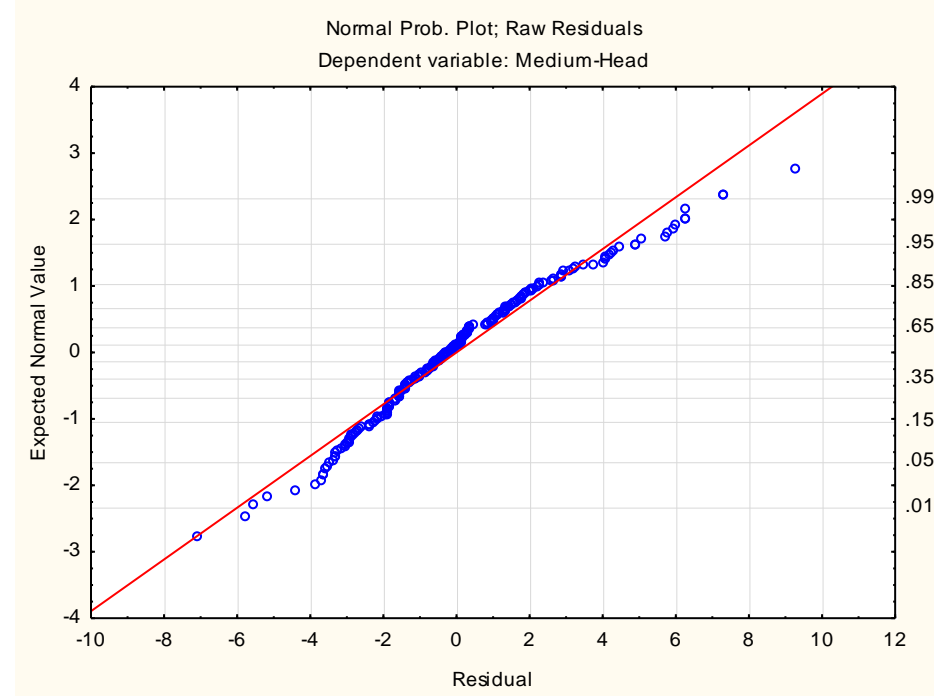
### Normal Prob. Plot; Raw Residuals



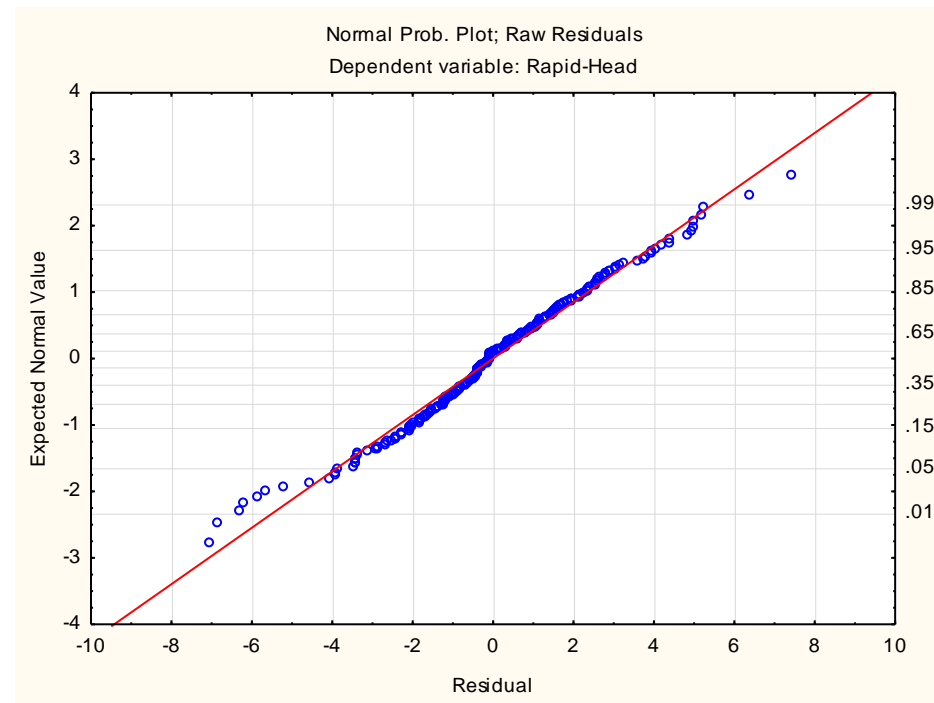
### Normal Prob. Plot; Raw Residuals



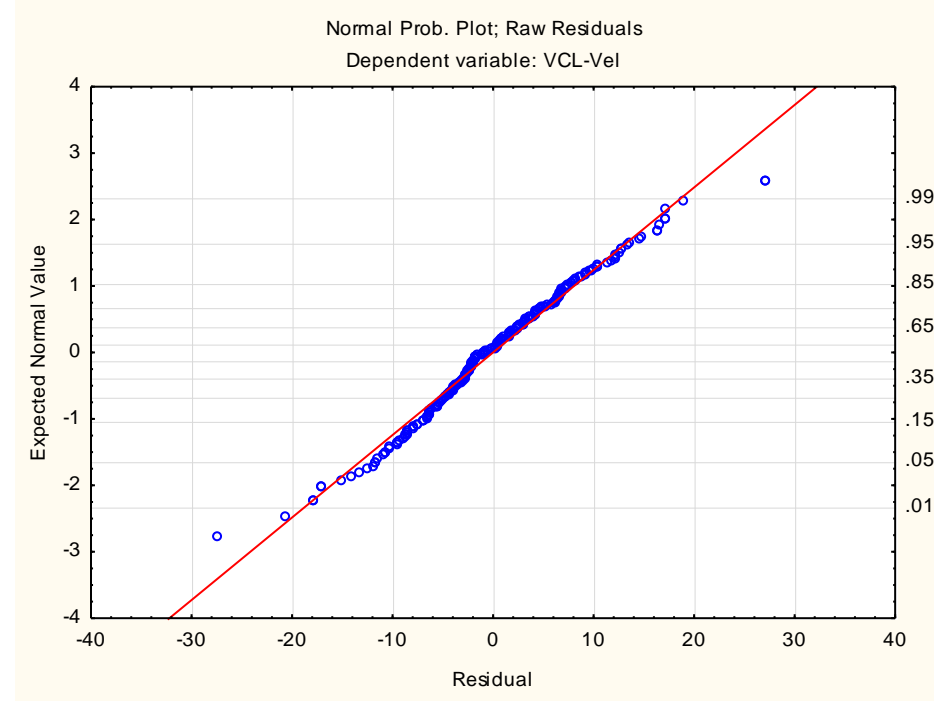
### Normal Prob. Plot; Raw Residuals



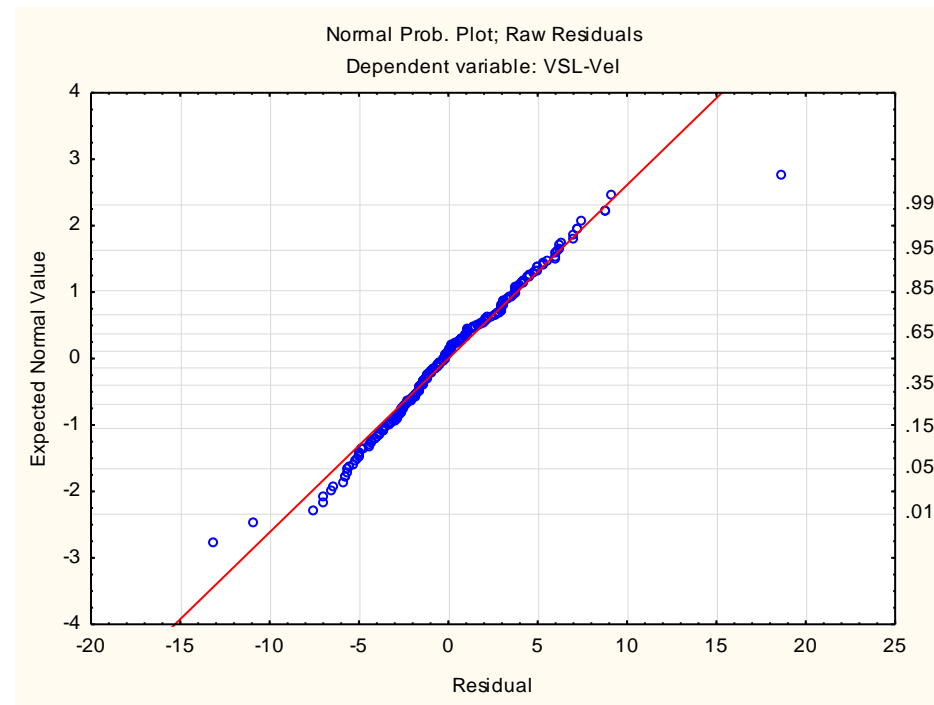
### Normal Prob. Plot; Raw Residuals



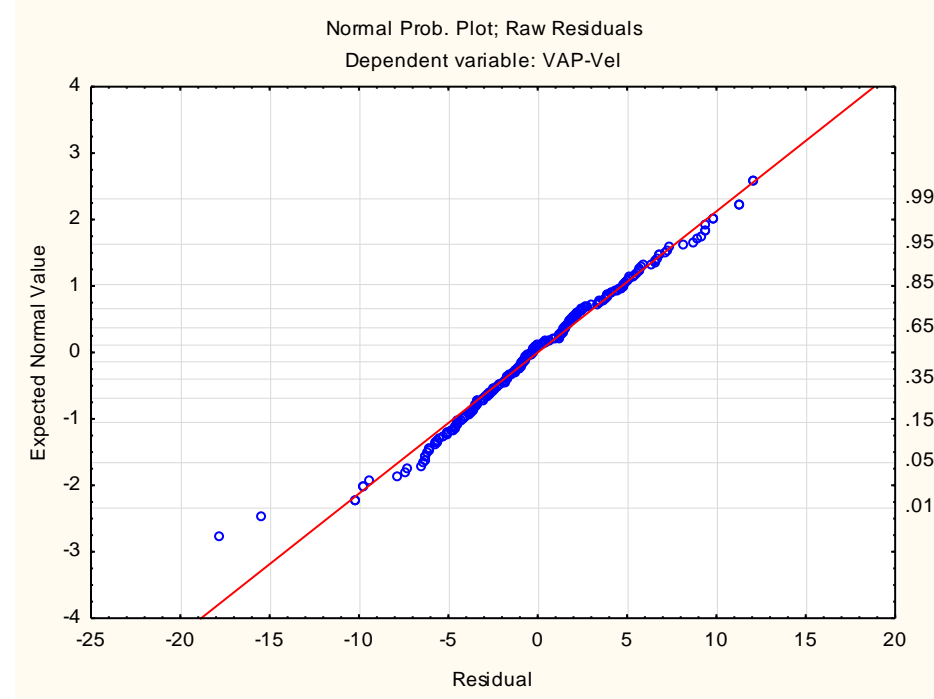
### Normal Prob. Plot; Raw Residuals



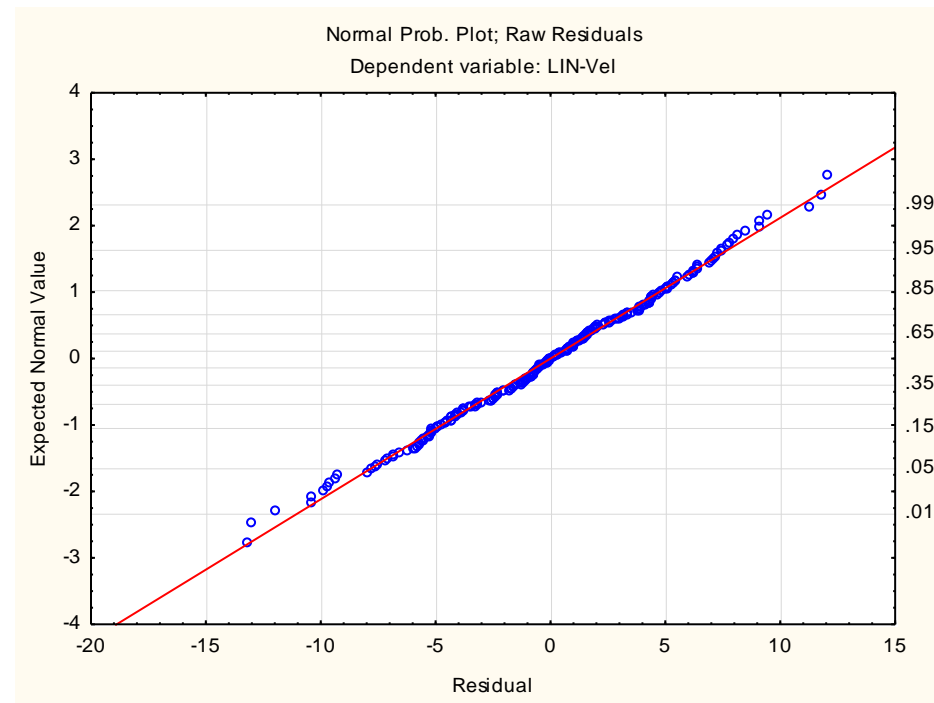
### Normal Prob. Plot; Raw Residuals



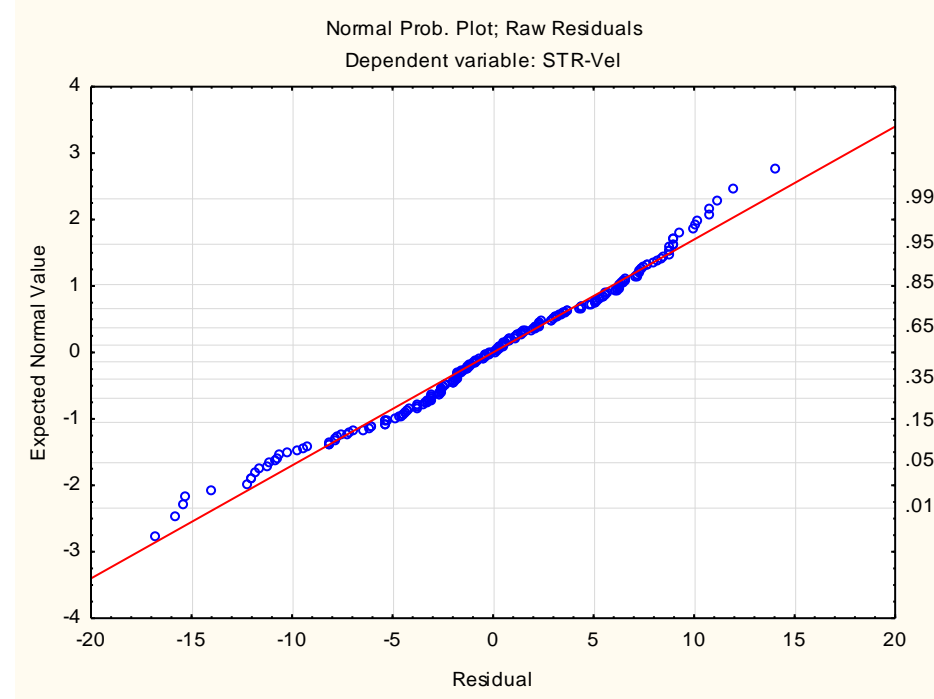
### Normal Prob. Plot; Raw Residuals



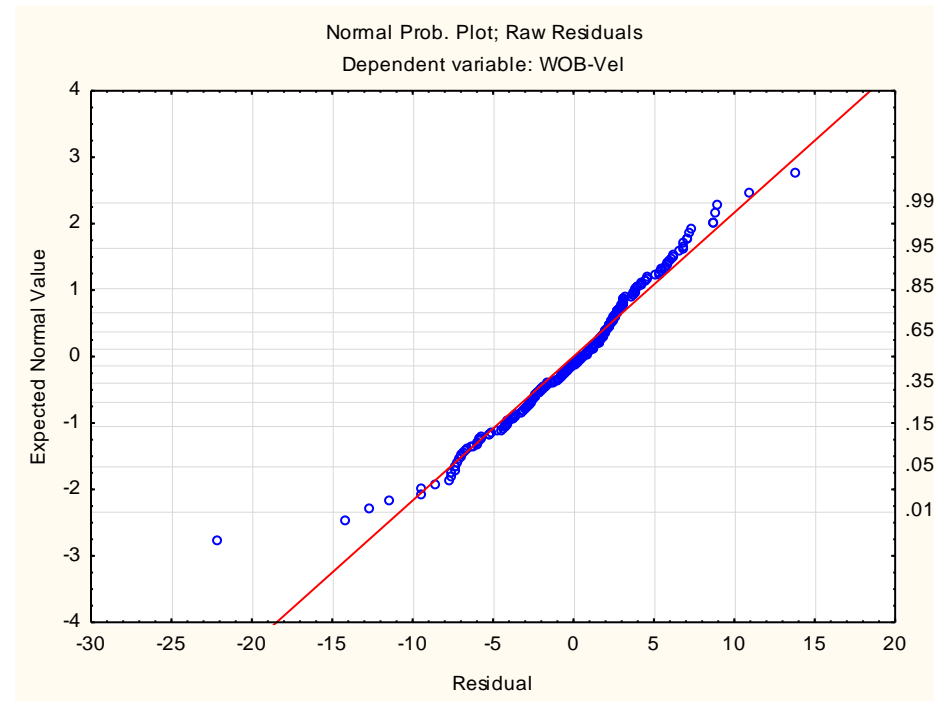
### Normal Prob. Plot; Raw Residuals



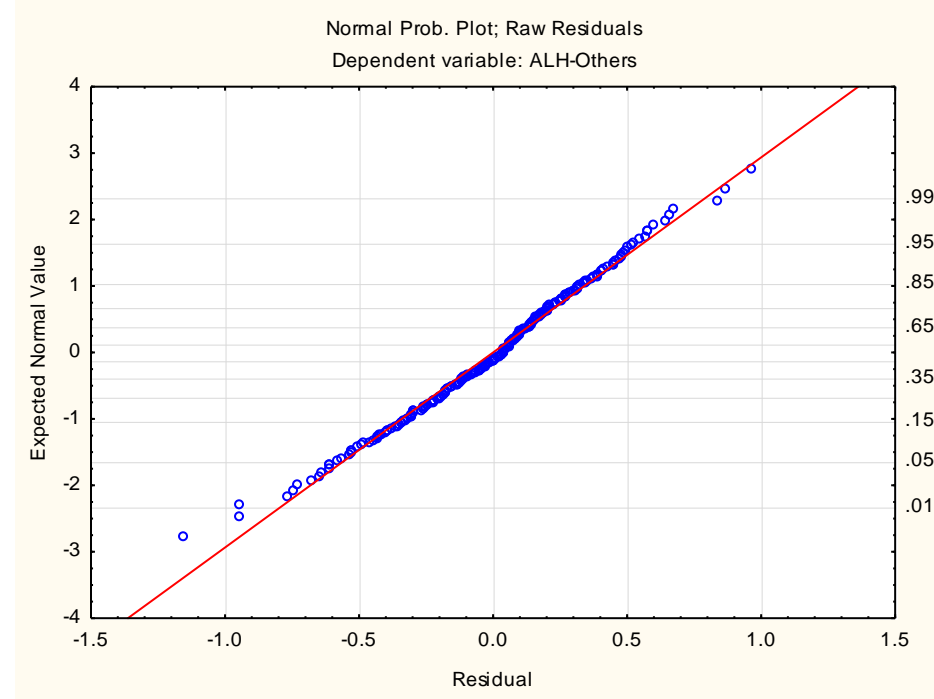
### Normal Prob. Plot; Raw Residuals



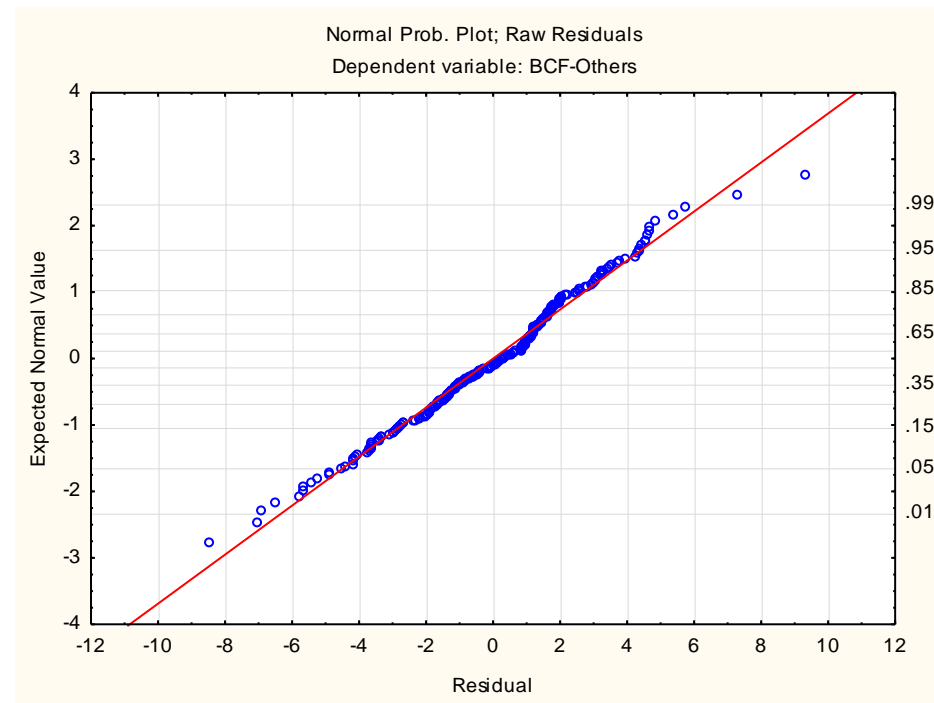
### Normal Prob. Plot; Raw Residuals



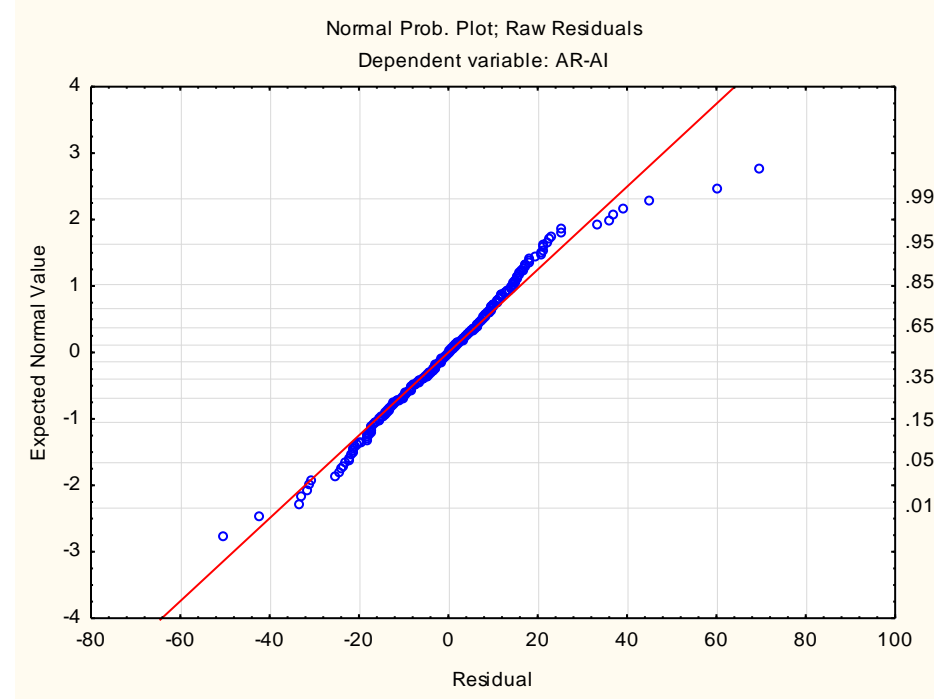
### Normal Prob. Plot; Raw Residuals



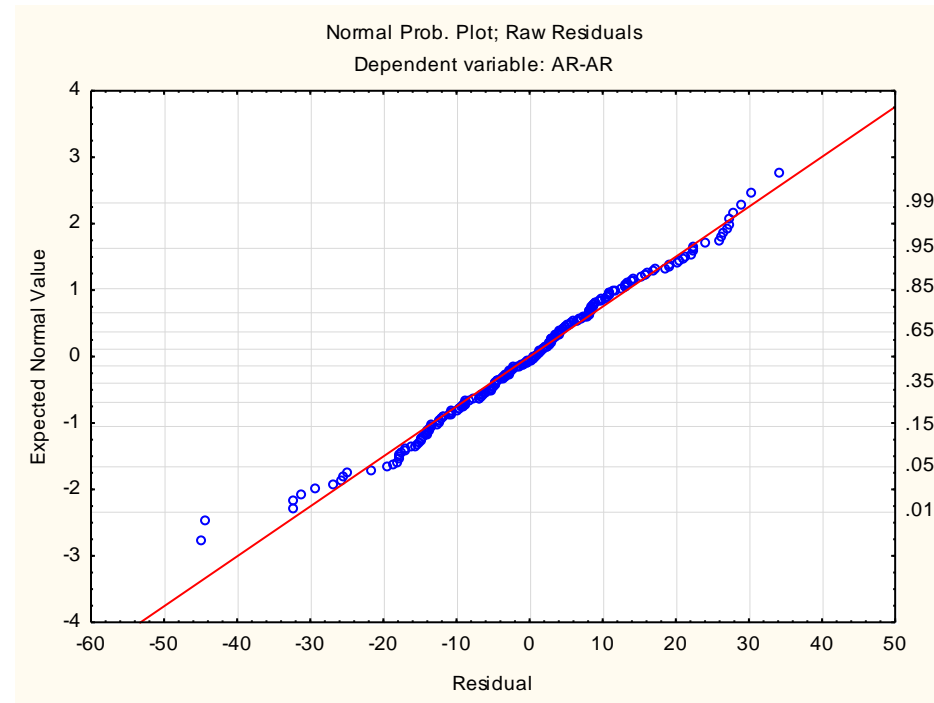
### Normal Prob. Plot; Raw Residuals



### Normal Prob. Plot; Raw Residuals

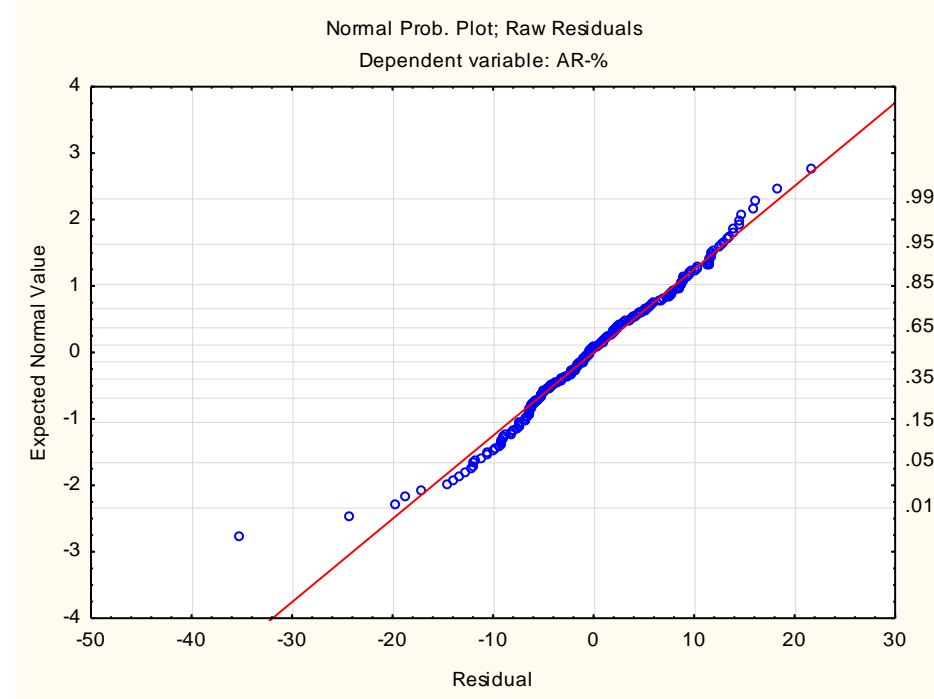


### Normal Prob. Plot; Raw Residuals

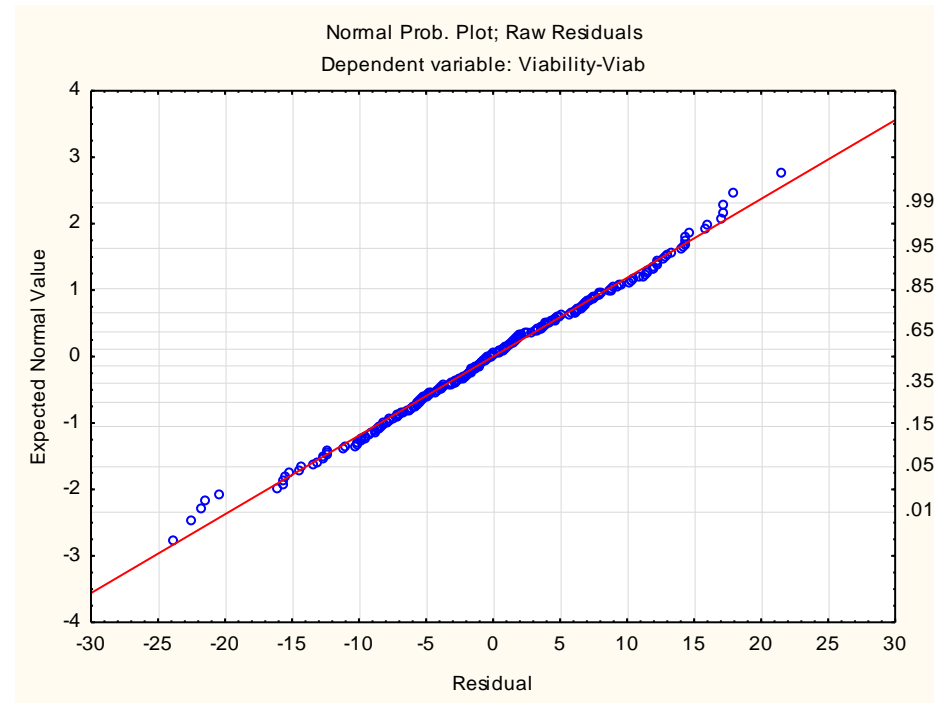




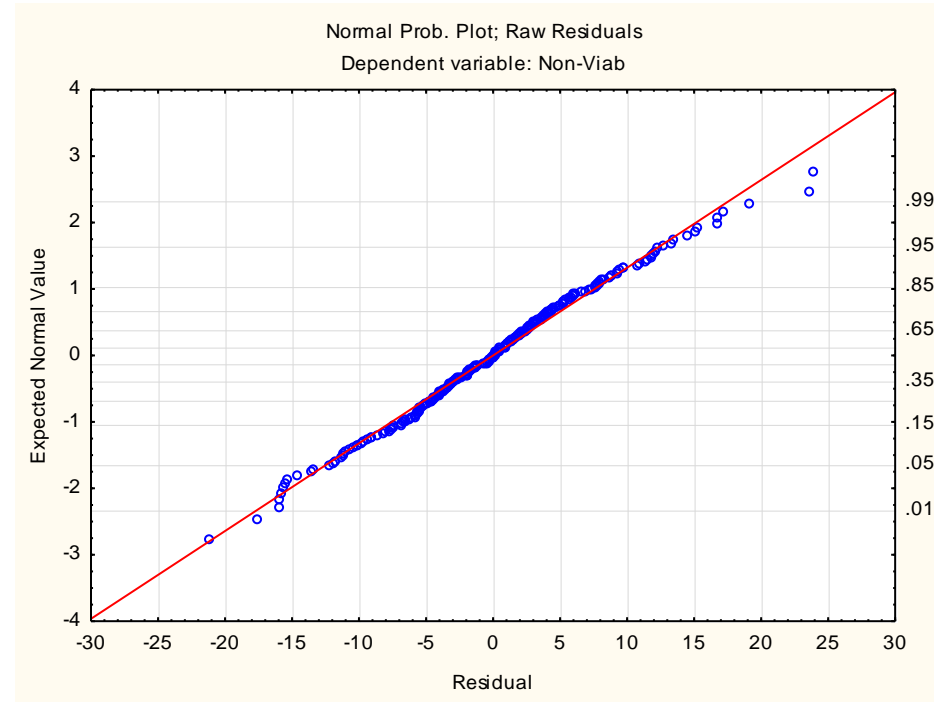
### Normal Prob. Plot; Raw Residuals



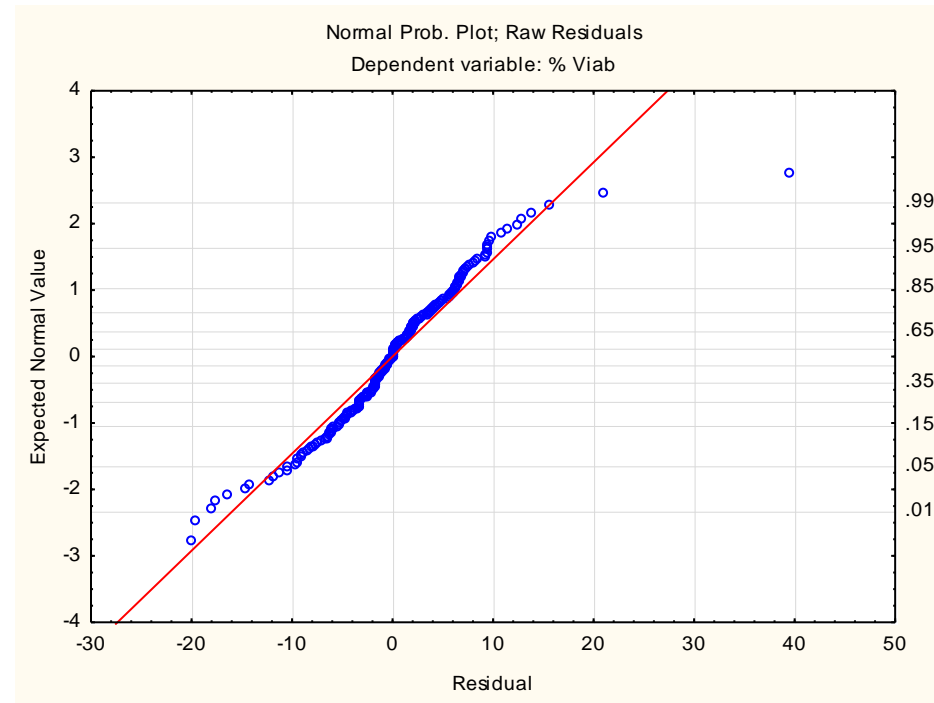
### Normal Prob. Plot; Raw Residuals



**Normal Prob. Plot; Raw Residuals**



**Normal Prob. Plot; Raw Residuals**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

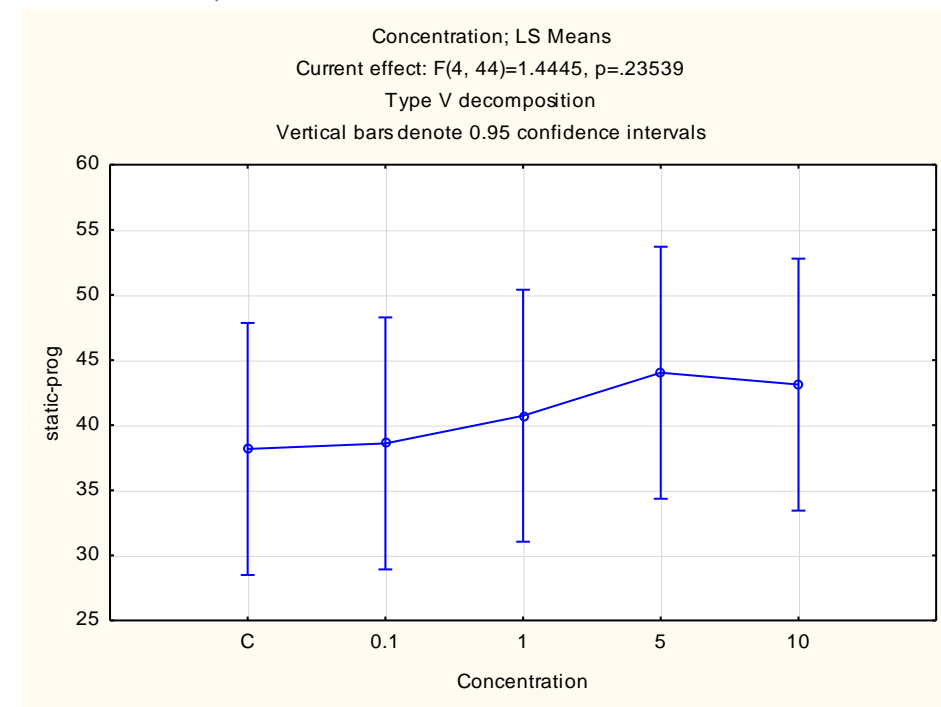
Current effect: F(4, 44)=1.4445, p=.23539

Type V decomposition

Concentration	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
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Cell No.						
1	C	38.17500	4.800854	28.49951	47.85049	48
2	0.1	38.59792	4.800854	28.92243	48.27340	48
3	1	40.72500	4.800854	31.04951	50.40049	48
4	5	44.02917	4.800854	34.35368	53.70465	48
5	10	43.11667	4.800854	33.44118	52.79215	48

**Concentration; LS Means**

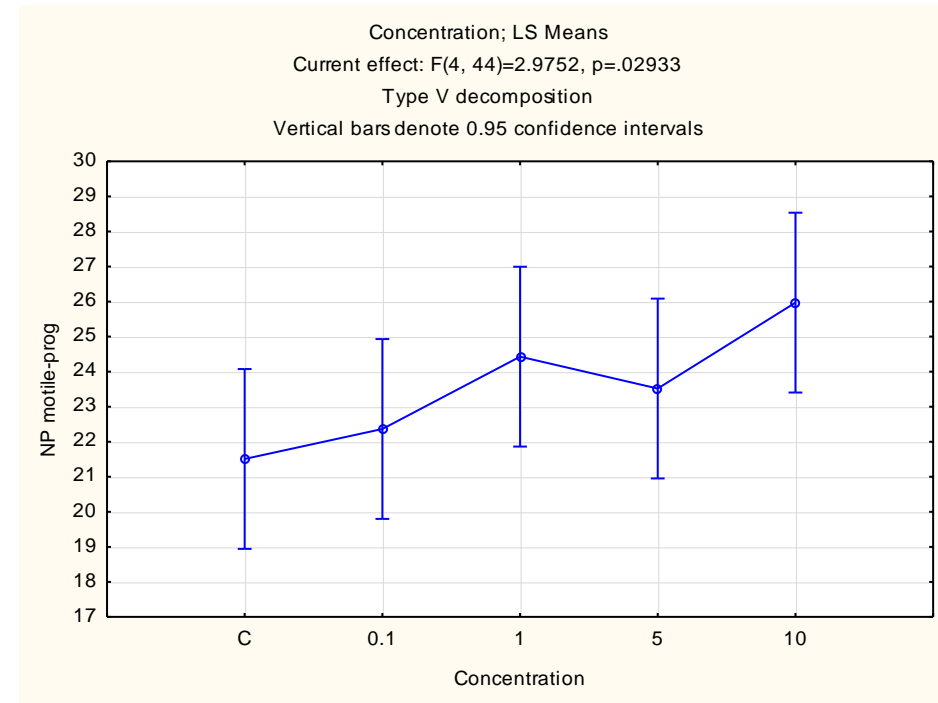


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(4, 44)=2.9752, p=.02933						
Type V decomposition						
Cell No.	Concentration	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	C	21.50833	1.272844	18.94308	24.07358	48
2	0.1	22.36458	1.272844	19.79933	24.92983	48

3	1	24.42708	1.272844	21.86183	26.99233	48
4	5	23.51875	1.272844	20.95350	26.08400	48
5	10	25.97083	1.272844	23.40558	28.53608	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

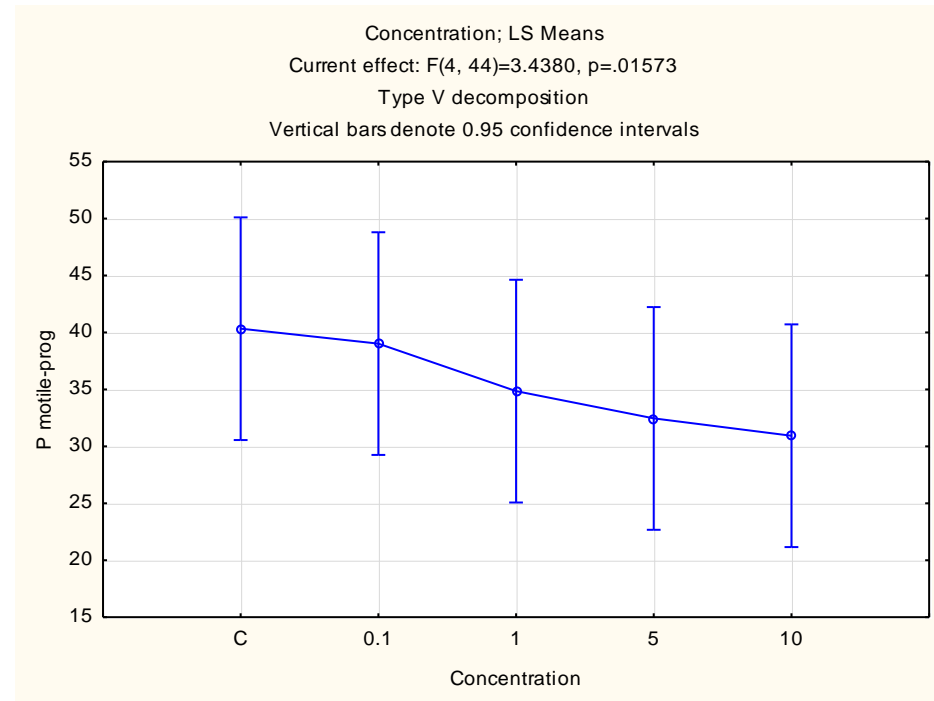
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(4, 44)=3.4380, p=.01573

Type V decomposition

Cell No.	Concentration	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	C	40.33542	4.851151	30.55856	50.11227	48
2	0.1	39.02292	4.851151	29.24606	48.79977	48
3	1	34.85417	4.851151	25.07731	44.63102	48
4	5	32.45833	4.851151	22.68148	42.23519	48
5	10	30.93542	4.851151	21.15856	40.71227	48

**Concentration; LS Means**

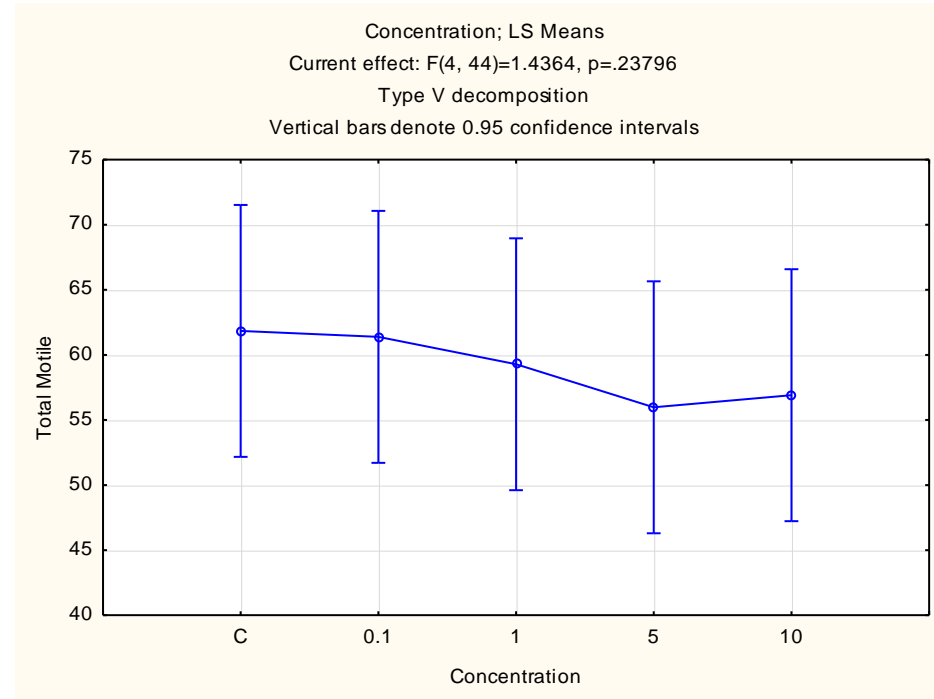


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=1.4364, p=.23796$   
 Type V decomposition

Cell No.	Concentration	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	C	61.84375	4.802116	52.16572	71.52178	48
2	0.1	61.38750	4.802116	51.70947	71.06553	48
3	1	59.28125	4.802116	49.60322	68.95928	48
4	5	55.97708	4.802116	46.29905	65.65511	48
5	10	56.90625	4.802116	47.22822	66.58428	48

**Concentration; LS Means**

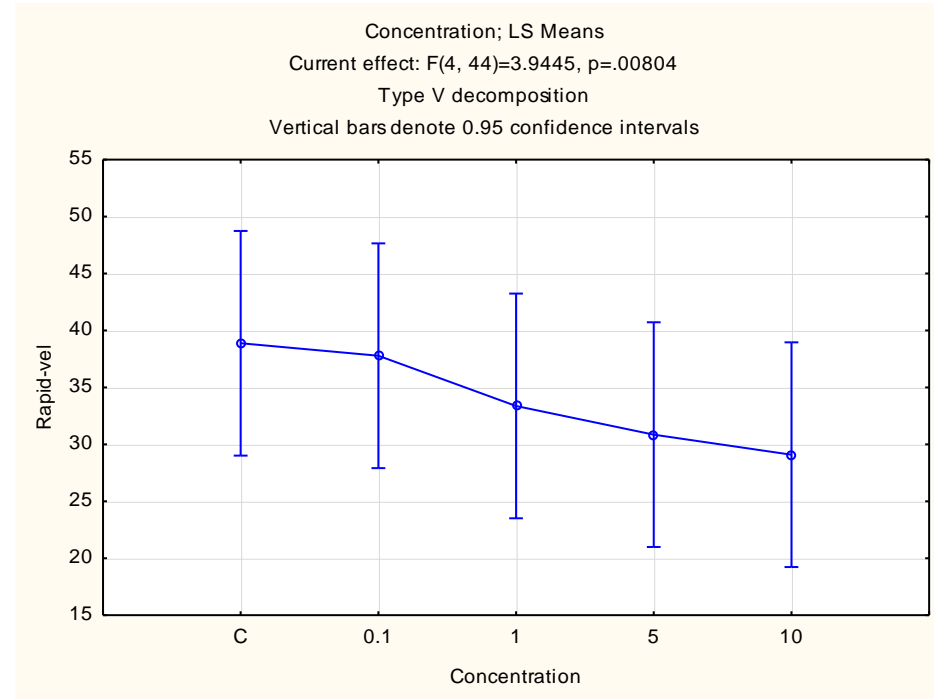


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=3.9445, p=.00804$   
 Type V decomposition

Cell No.	Concentration	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	C	38.87917	4.894574	29.01480	48.74353	48
2	0.1	37.78542	4.894574	27.92105	47.64978	48
3	1	33.37708	4.894574	23.51272	43.24145	48
4	5	30.85625	4.894574	20.99188	40.72062	48
5	10	29.09375	4.894574	19.22938	38.95812	48

**Concentration; LS Means**

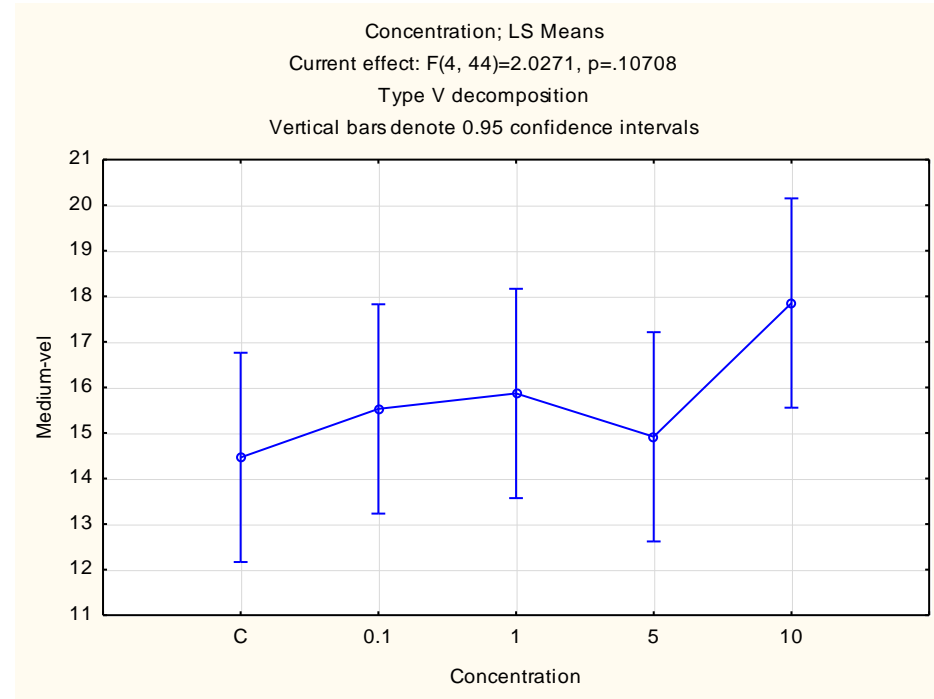


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=2.0271$ ,  $p=.10708$   
 Type V decomposition

Cell No.	Concentration	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	C	14.46458	1.139767	12.16753	16.76163	48
2	0.1	15.52917	1.139767	13.23212	17.82622	48
3	1	15.86875	1.139767	13.57170	18.16580	48
4	5	14.91667	1.139767	12.61962	17.21372	48
5	10	17.85208	1.139767	15.55503	20.14913	48

**Concentration; LS Means**



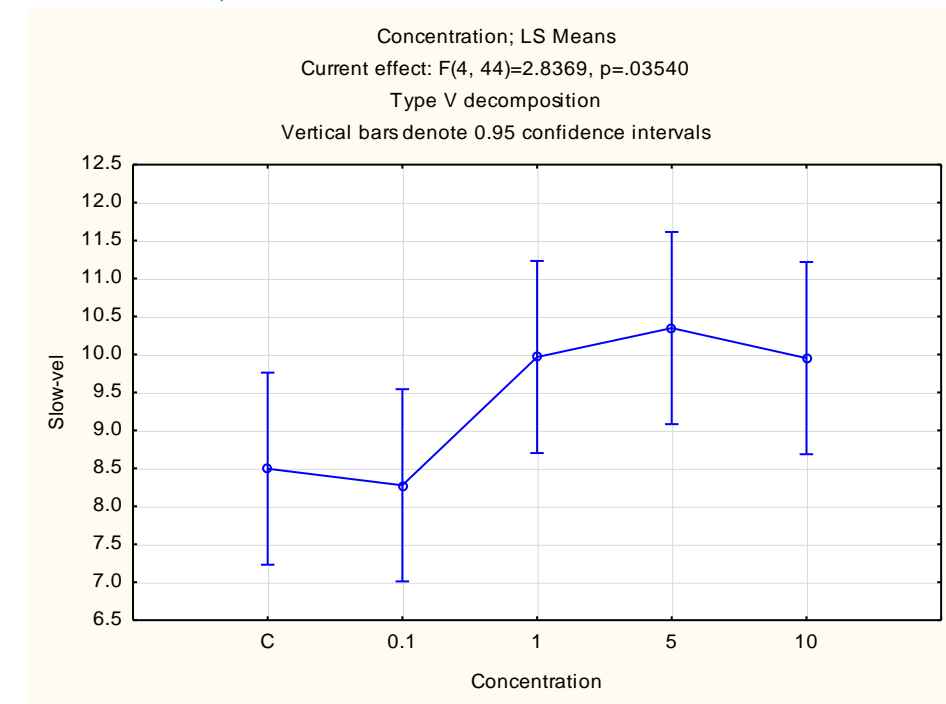
**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=2.8369$ ,  $p=.03540$   
 Type V decomposition

Cell No.	Concentration	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	C	8.49583	0.627837	7.230511	9.76116	48
2	0.1	8.27708	0.627837	7.011761	9.54241	48
3	1	9.96667	0.627837	8.701345	11.23199	48
4	5	10.34792	0.627837	9.082595	11.61324	48
5	10	9.95208	0.627837	8.686761	11.21741	48



**Concentration; LS Means**

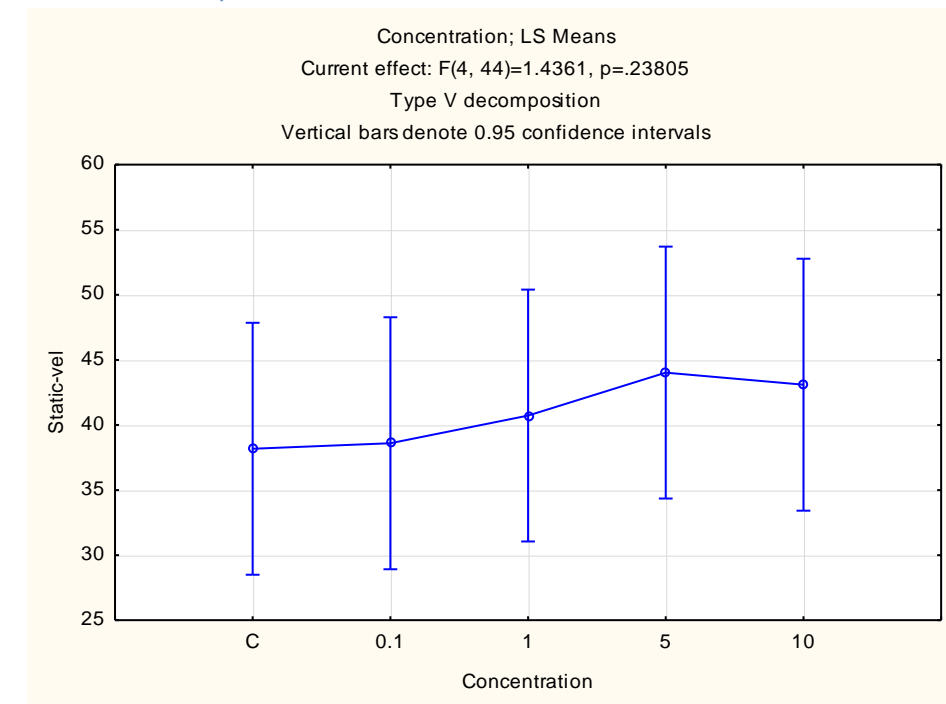


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=1.4361, p=.23805$   
 Type V decomposition

Cell No.	Concentration	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	C	38.17500	4.801211	28.49880	47.85120	48
2	0.1	38.59792	4.801211	28.92171	48.27412	48
3	1	40.72500	4.801211	31.04880	50.40120	48
4	5	44.02708	4.801211	34.35088	53.70329	48
5	10	43.09583	4.801211	33.41963	52.77204	48

**Concentration; LS Means**

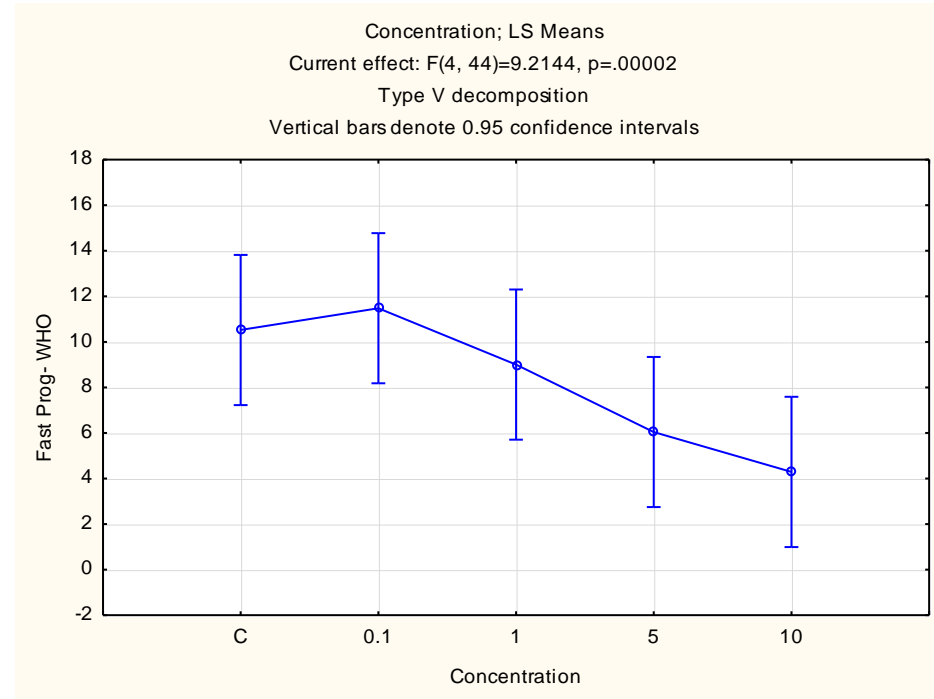


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(4, 44)=9.2144, p=.00002  
 Type V decomposition

Cell No.	Concentration	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	C	10.52292	1.635747	7.226286	13.81955	48
2	0.1	11.47708	1.635747	8.180453	14.77371	48
3	1	9.00417	1.635747	5.707536	12.30080	48
4	5	6.04375	1.635747	2.747119	9.34038	48
5	10	4.29167	1.635747	0.995036	7.58830	48

**Concentration; LS Means**

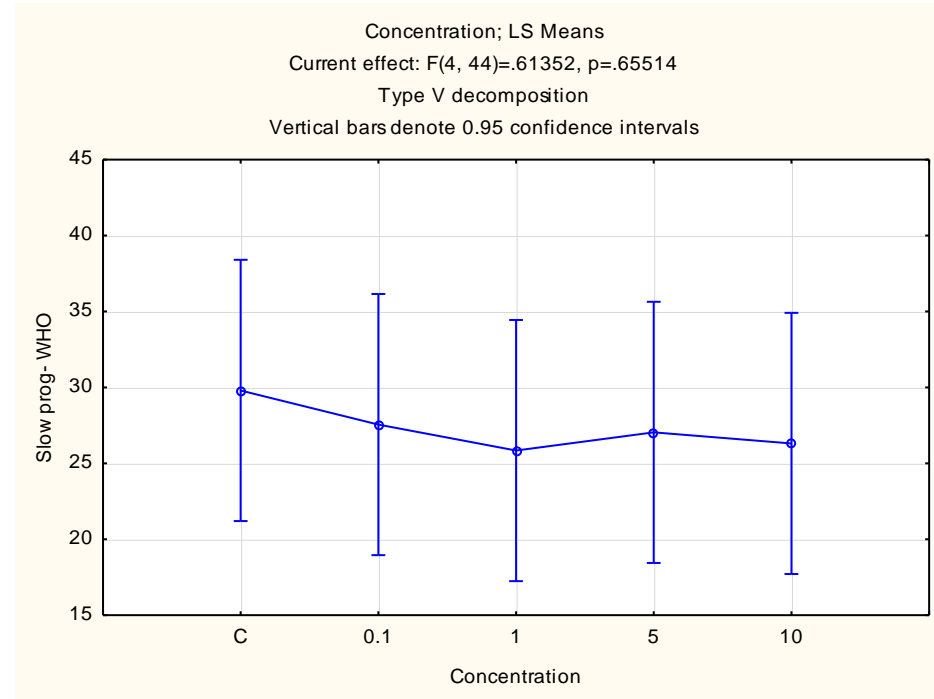


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=.61352, p=.65514$   
 Type V decomposition

Cell No.	Concentration	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	C	29.80208	4.266964	21.20258	38.40158	48
2	0.1	27.55417	4.266964	18.95467	36.15367	48
3	1	25.84375	4.266964	17.24425	34.44325	48
4	5	27.04167	4.266964	18.44217	35.64117	48
5	10	26.31458	4.266964	17.71508	34.91408	48

**Concentration; LS Means**

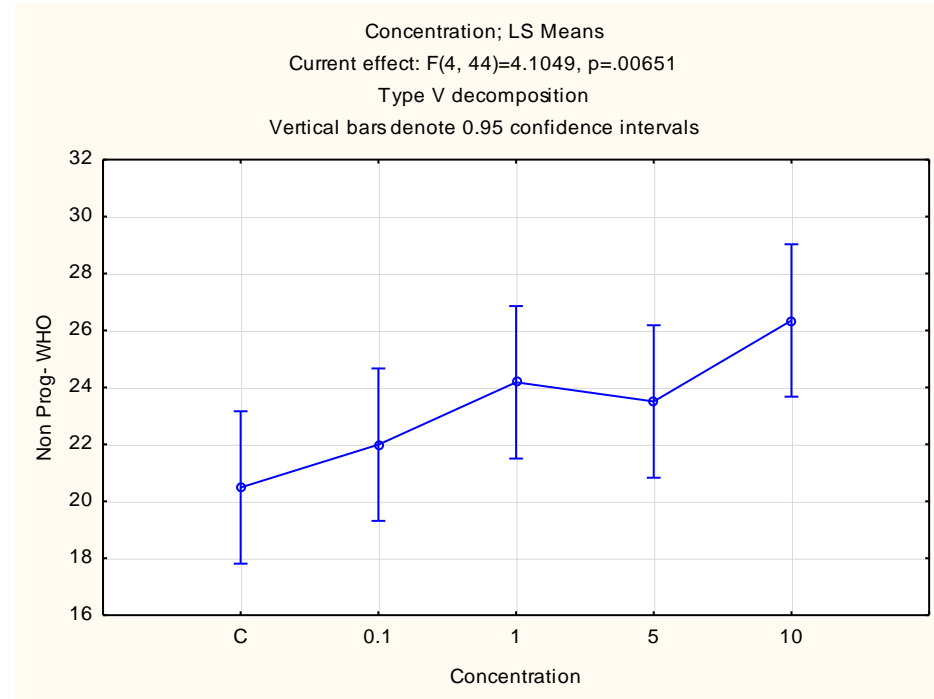


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=4.1049, p=.00651$   
 Type V decomposition

Cell No.	Concentration	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	C	20.48750	1.327965	17.81116	23.16384	48
2	0.1	21.99167	1.327965	19.31533	24.66800	48
3	1	24.18125	1.327965	21.50491	26.85759	48
4	5	23.50625	1.327965	20.82991	26.18259	48
5	10	26.35208	1.327965	23.67575	29.02842	48

**Concentration; LS Means**

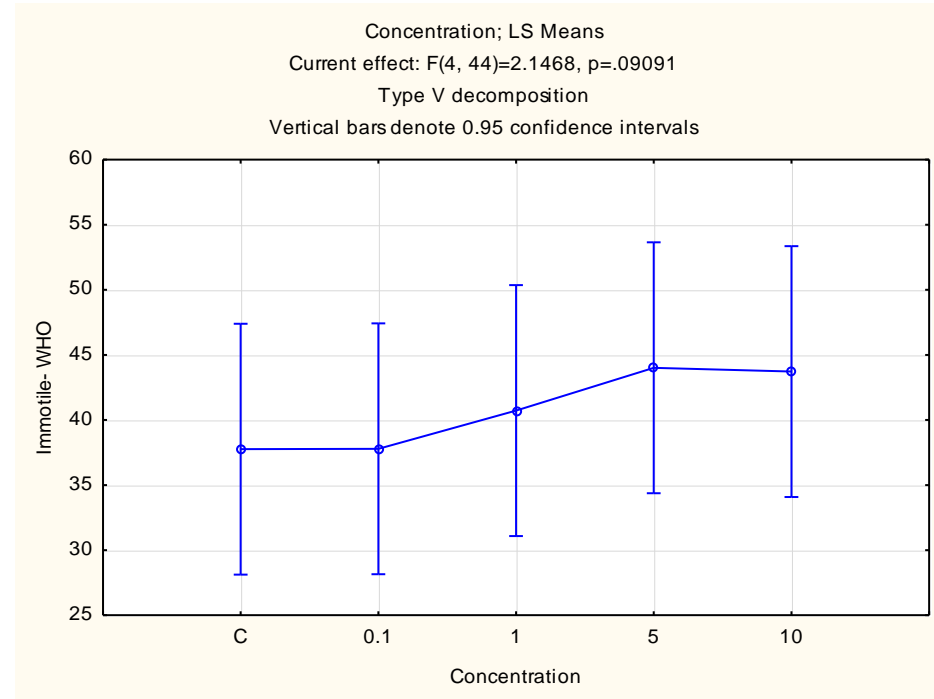


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=2.1468, p=.09091$   
 Type V decomposition

Cell No.	Concentration	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	C	37.75833	4.782490	28.11986	47.39681	48
2	0.1	37.78542	4.782490	28.14694	47.42389	48
3	1	40.72500	4.782490	31.08653	50.36347	48
4	5	44.01042	4.782490	34.37194	53.64889	48
5	10	43.72083	4.782490	34.08236	53.35931	48

**Concentration; LS Means**

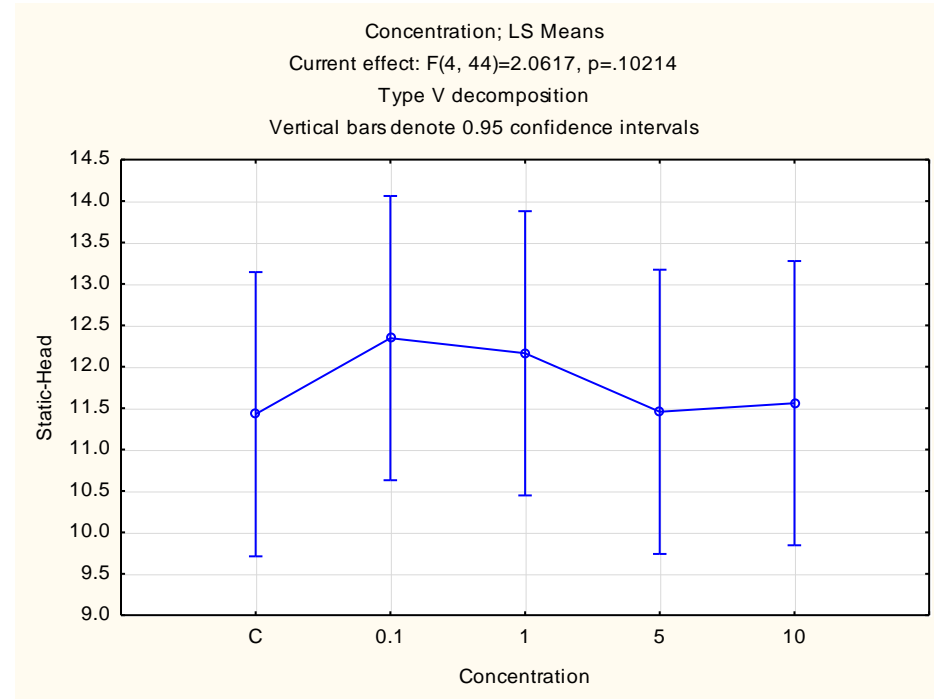


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=2.0617, p=.10214$   
 Type V decomposition

Cell No.	Concentration	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	C	11.42708	0.851306	9.71139	13.14278	48
2	0.1	12.34583	0.851306	10.63014	14.06153	48
3	1	12.16250	0.851306	10.44681	13.87819	48
4	5	11.45625	0.851306	9.74056	13.17194	48
5	10	11.56042	0.851306	9.84472	13.27611	48

**Concentration; LS Means**

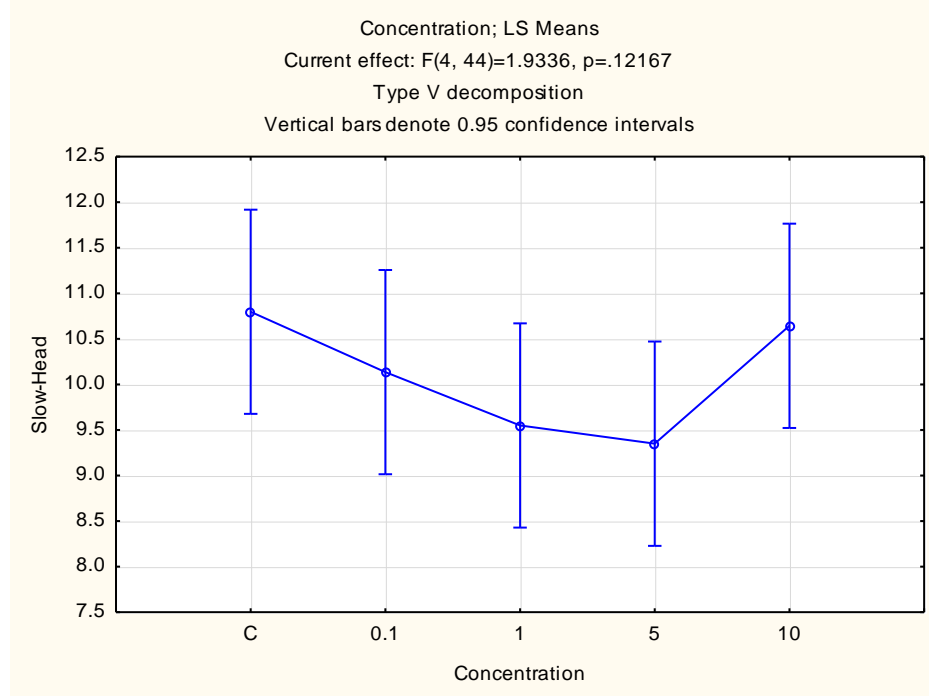


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=1.9336, p=.12167$   
 Type V decomposition

Cell No.	Concentration	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	C	10.79792	0.556182	9.677005	11.91883	48
2	0.1	10.13542	0.556182	9.014505	11.25633	48
3	1	9.55000	0.556182	8.429088	10.67091	48
4	5	9.35000	0.556182	8.229088	10.47091	48
5	10	10.64375	0.556182	9.522838	11.76466	48

**Concentration; LS Means**



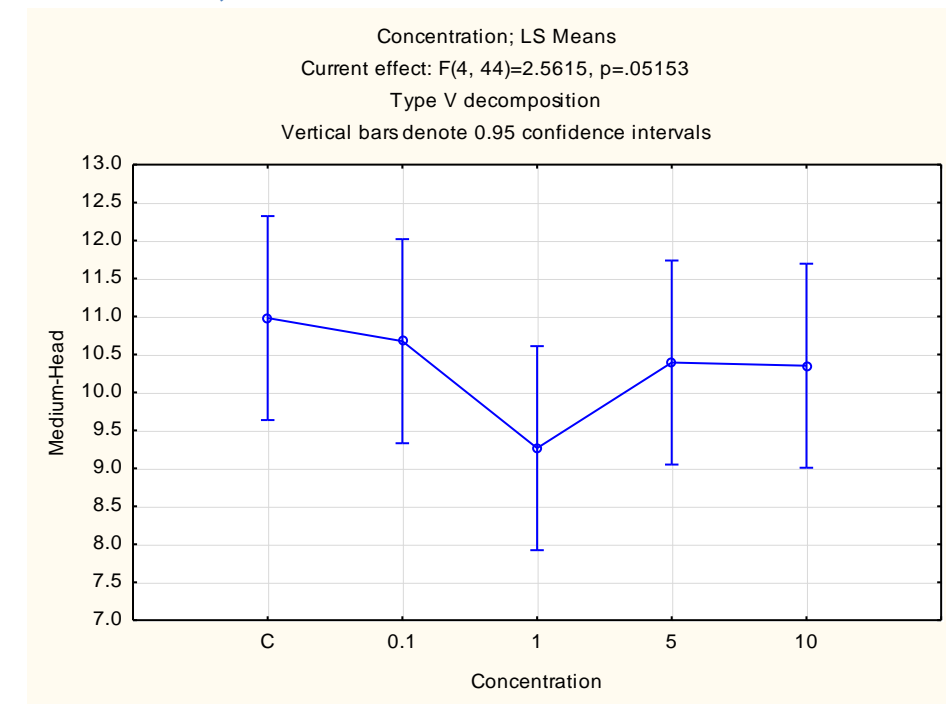
**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=2.5615, p=.05153$   
 Type V decomposition

Cell No.	Concentration	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	C	10.97917	0.666678	9.635566	12.32277	48
2	0.1	10.67500	0.666678	9.331399	12.01860	48
3	1	9.26667	0.666678	7.923066	10.61027	48
4	5	10.39375	0.666678	9.050149	11.73735	48
5	10	10.35208	0.666678	9.008483	11.69568	48



**Concentration; LS Means**

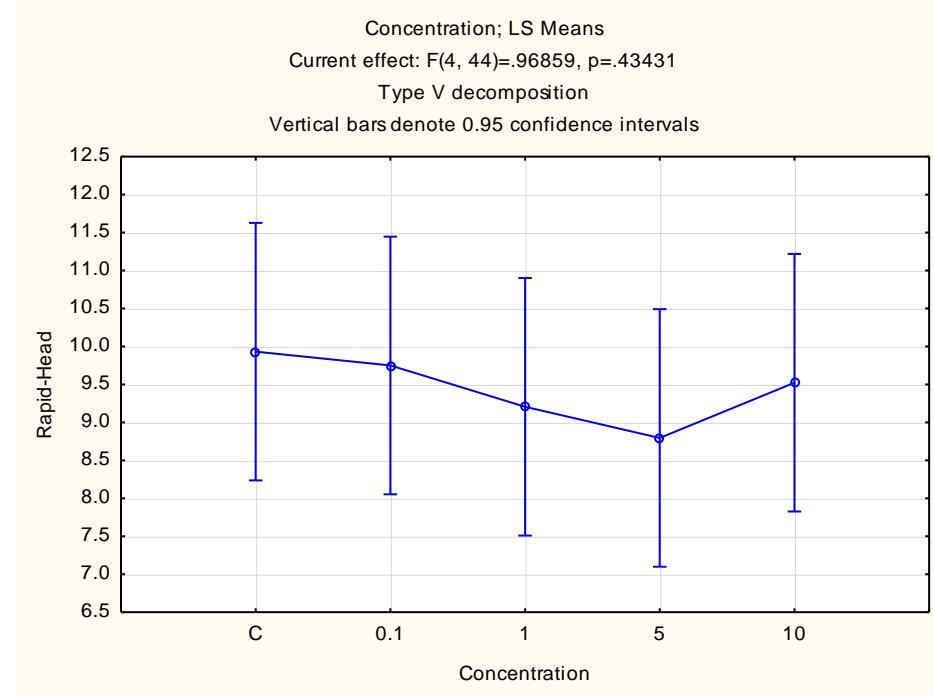


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=.96859, p=.43431$   
 Type V decomposition

Cell No.	Concentration	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	C	9.932500	0.841567	8.236433	11.62857	48
2	0.1	9.750000	0.841567	8.053933	11.44607	48
3	1	9.206250	0.841567	7.510183	10.90232	48
4	5	8.795833	0.841567	7.099766	10.49190	48
5	10	9.522917	0.841567	7.826850	11.21898	48

**Concentration; LS Means**

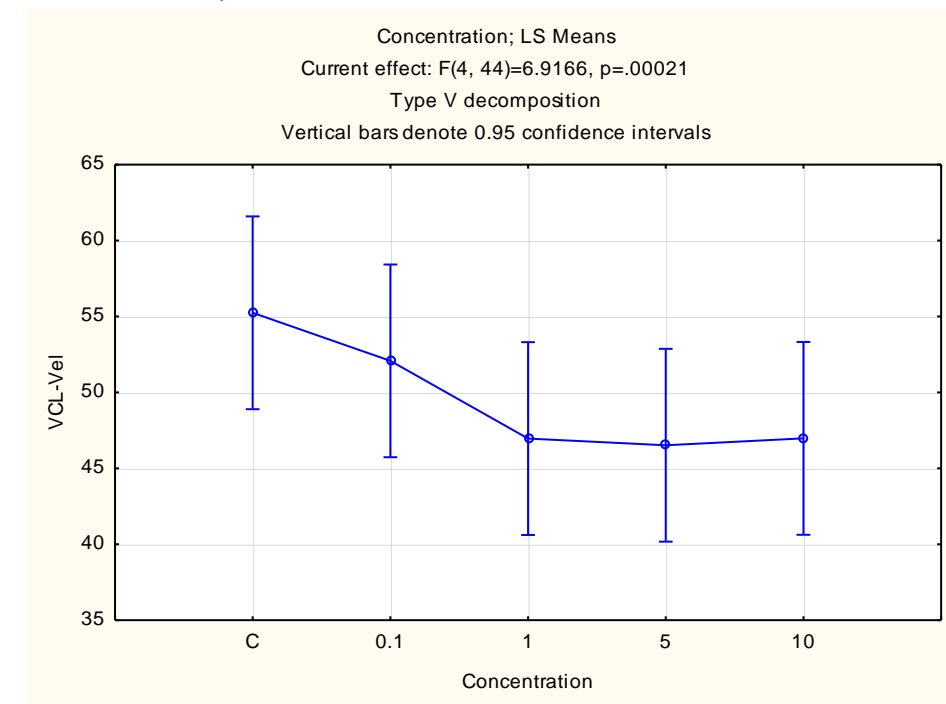


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=6.9166, p=.00021$   
 Type V decomposition

Cell No.	Concentration	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	C	55.24792	3.149982	48.89955	61.59629	48
2	0.1	52.07917	3.149982	45.73080	58.42754	48
3	1	46.96250	3.149982	40.61413	53.31087	48
4	5	46.52083	3.149982	40.17246	52.86920	48
5	10	46.97708	3.149982	40.62871	53.32545	48

**Concentration; LS Means**

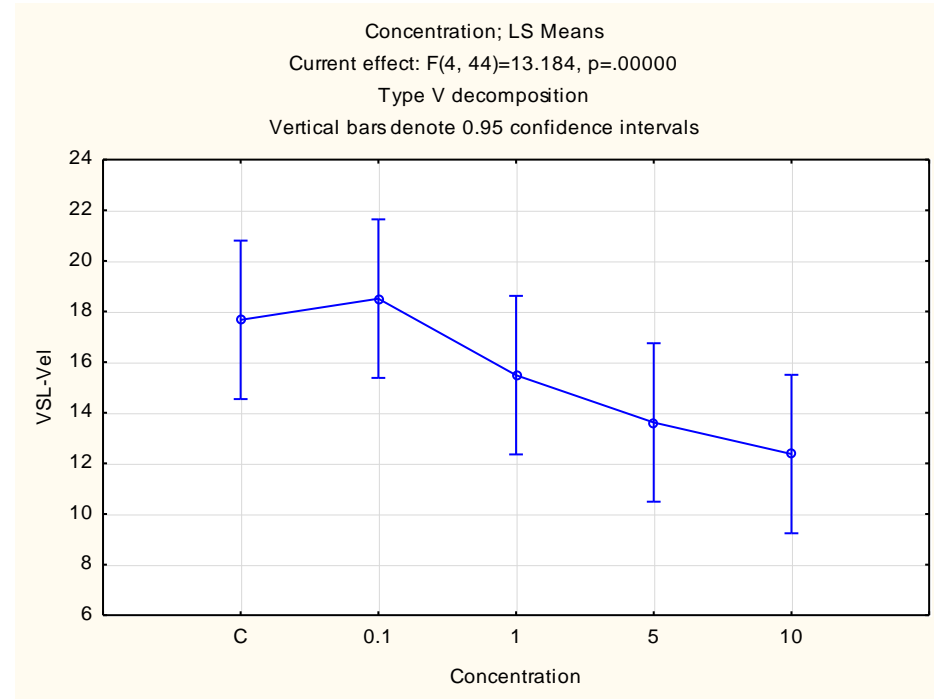


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=13.184, p=.00000$   
 Type V decomposition

Cell No.	Concentration	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	C	17.67083	1.553668	14.53962	20.80205	48
2	0.1	18.50833	1.553668	15.37712	21.63955	48
3	1	15.48542	1.553668	12.35420	18.61663	48
4	5	13.61667	1.553668	10.48545	16.74788	48
5	10	12.36875	1.553668	9.23754	15.49996	48

**Concentration; LS Means**

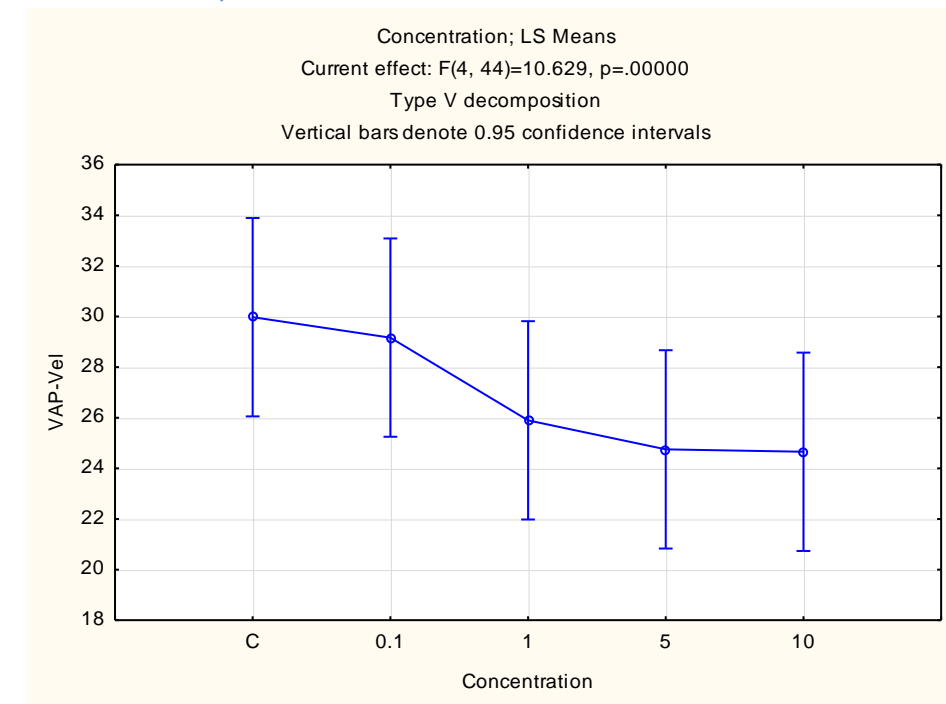


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=10.629, p=.00000$   
 Type V decomposition

Cell No.	Concentration	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	C	29.97500	1.944350	26.05642	33.89358	48
2	0.1	29.16667	1.944350	25.24809	33.08525	48
3	1	25.89792	1.944350	21.97934	29.81650	48
4	5	24.75000	1.944350	20.83142	28.66858	48
5	10	24.65625	1.944350	20.73767	28.57483	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

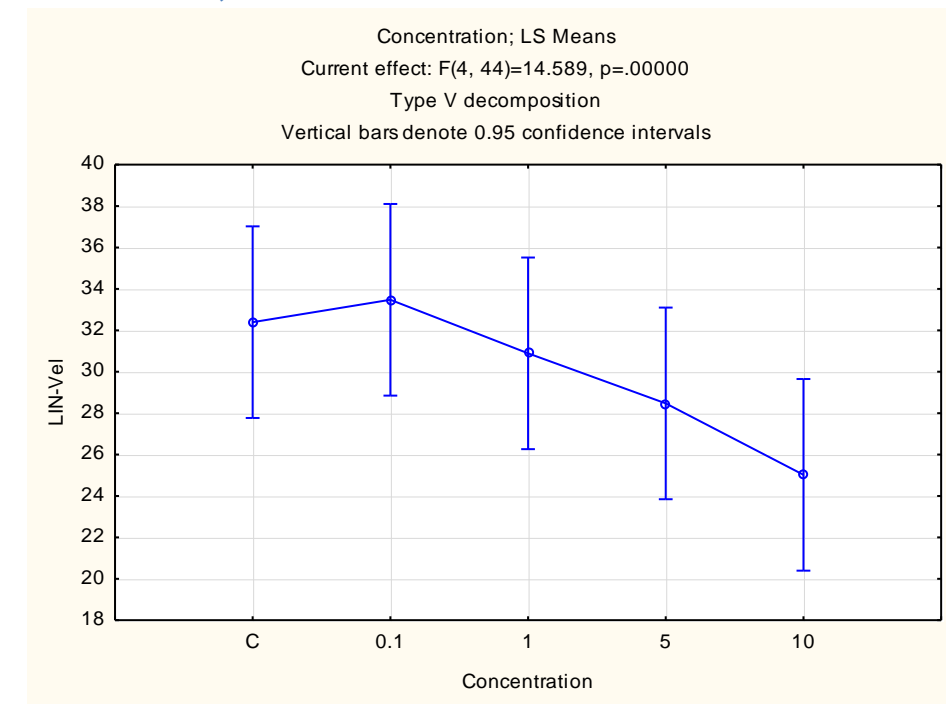
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(4, 44)=14.589, p=.00000$

Type V decomposition

Cell No.	Concentration	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	C	32.39583	2.295750	27.76905	37.02261	48
2	0.1	33.47708	2.295750	28.85030	38.10386	48
3	1	30.88750	2.295750	26.26072	35.51428	48
4	5	28.47292	2.295750	23.84614	33.09970	48
5	10	25.02083	2.295750	20.39405	29.64761	48

**Concentration; LS Means**

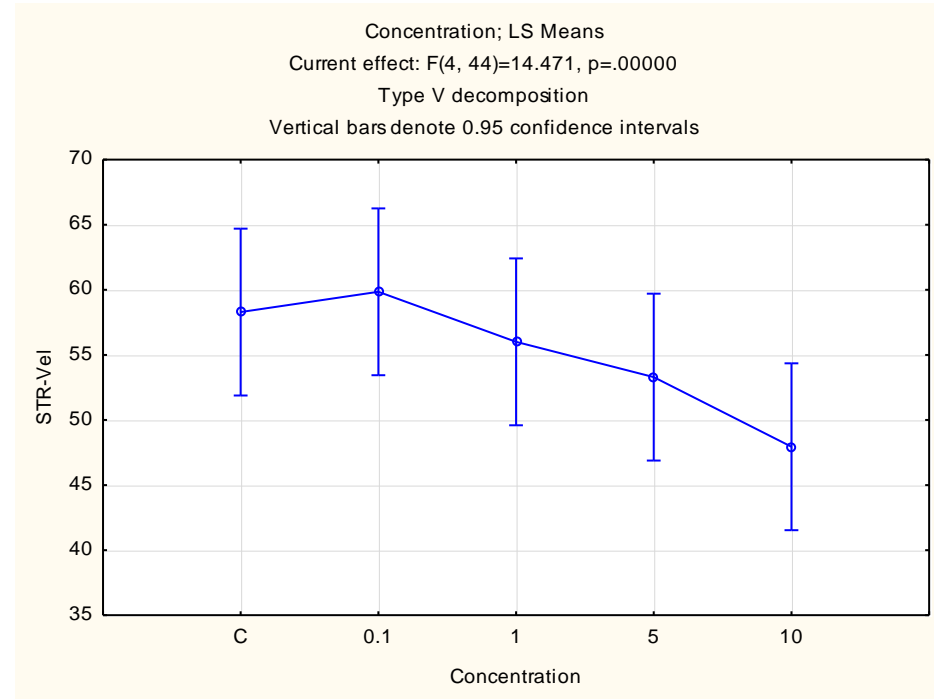


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(4, 44)=14.471, p=.00000  
 Type V decomposition

Cell No.	Concentration	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	C	58.28958	3.179928	51.88086	64.69831	48
2	0.1	59.84792	3.179928	53.43919	66.25664	48
3	1	56.00417	3.179928	49.59544	62.41289	48
4	5	53.29375	3.179928	46.88503	59.70247	48
5	10	47.94375	3.179928	41.53503	54.35247	48

**Concentration; LS Means**

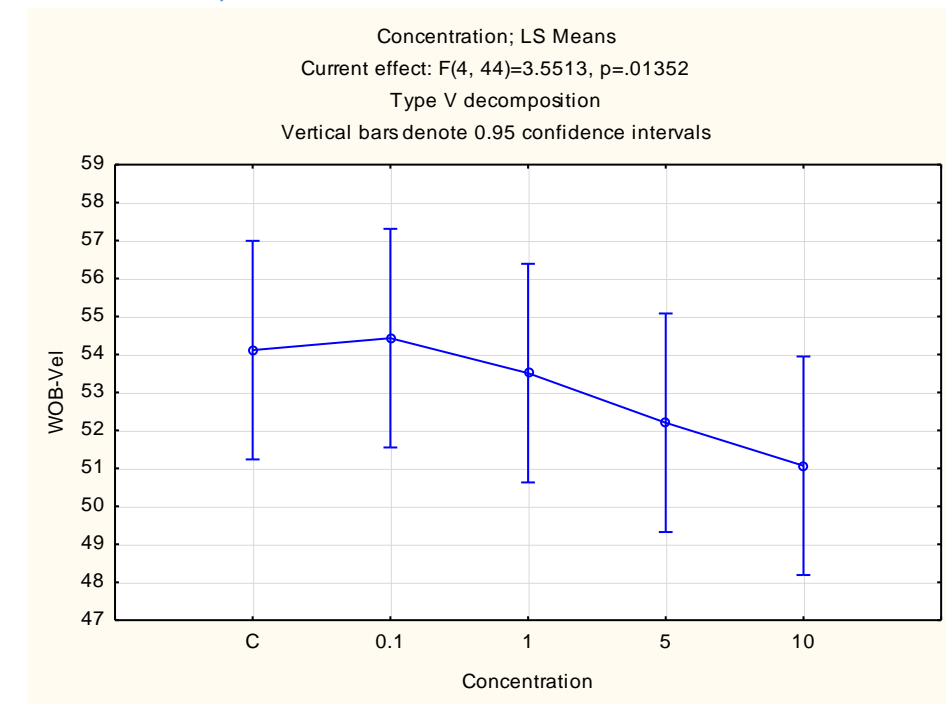


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(4, 44)=3.5513, p=.01352  
 Type V decomposition

Cell No.	Concentration	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	C	54.11458	1.428524	51.23558	56.99358	48
2	0.1	54.42917	1.428524	51.55017	57.30817	48
3	1	53.50833	1.428524	50.62933	56.38733	48
4	5	52.20208	1.428524	49.32308	55.08108	48
5	10	51.07083	1.428524	48.19183	53.94983	48

**Concentration; LS Means**



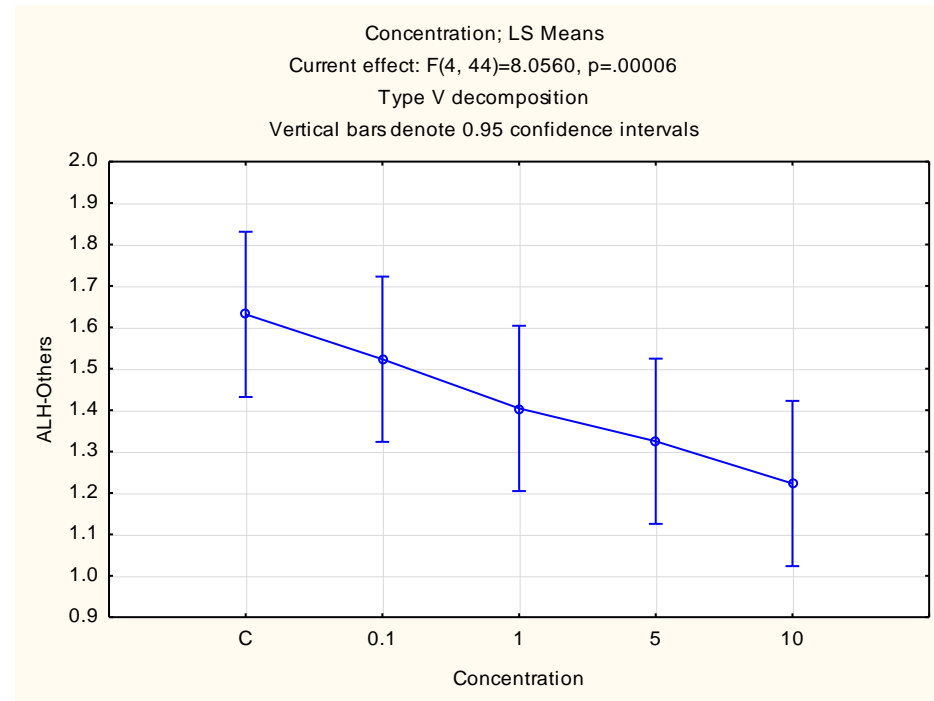
**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=8.0560, p=.00006$   
 Type V decomposition

Cell No.	Concentration	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	C	1.631250	0.098990	1.431749	1.830751	48
2	0.1	1.522917	0.098990	1.323416	1.722418	48
3	1	1.404167	0.098990	1.204666	1.603668	48
4	5	1.325000	0.098990	1.125499	1.524501	48
5	10	1.222917	0.098990	1.023416	1.422418	48



**Concentration; LS Means**

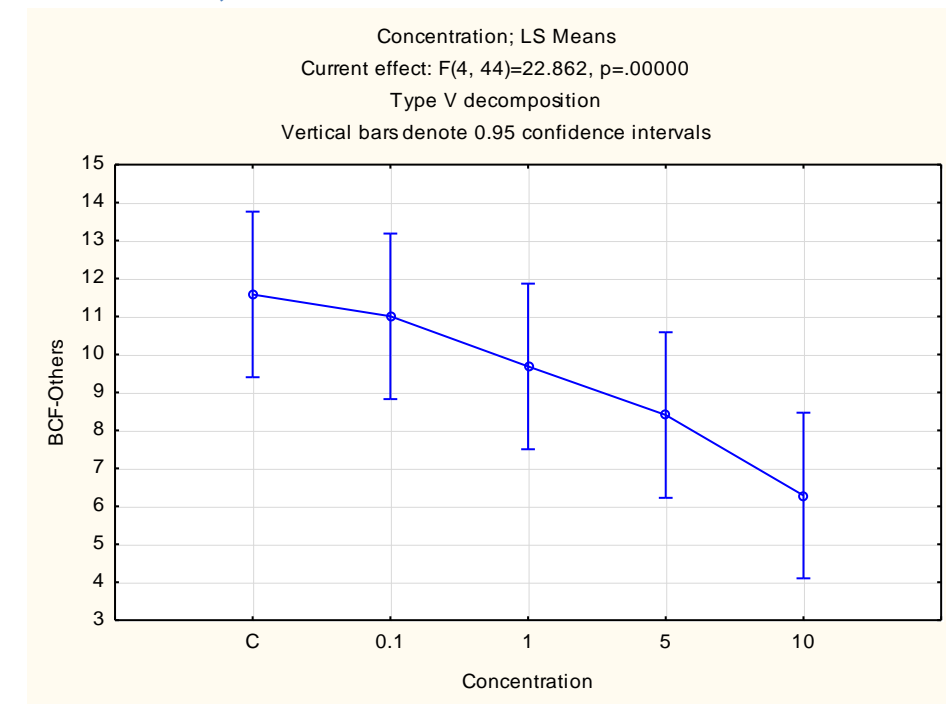


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=22.862, p=.00000$   
 Type V decomposition

Cell No.	Concentration	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	C	11.58125	1.081878	9.400867	13.76163	48
2	0.1	11.00625	1.081878	8.825867	13.18663	48
3	1	9.68542	1.081878	7.505034	11.86580	48
4	5	8.40625	1.081878	6.225867	10.58663	48
5	10	6.28542	1.081878	4.105034	8.46580	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

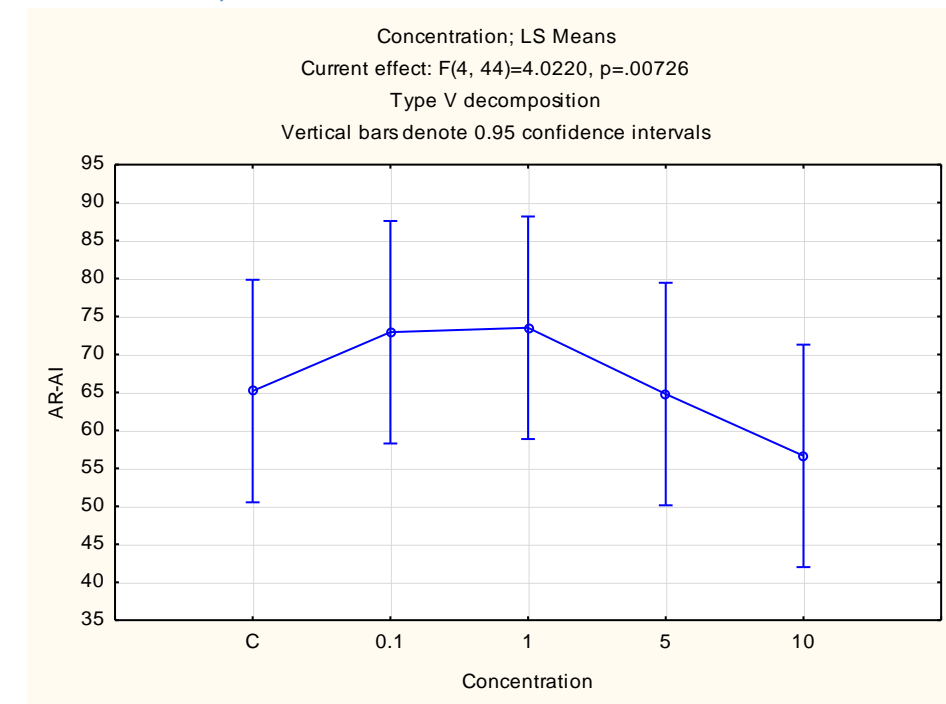
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(4, 44)=4.0220, p=.00726$

Type V decomposition

Cell No.	Concentration	AR-AI - Mean	AR-AI - Std.Err.	AR-AI - -95.00%	AR-AI - +95.00%	N
1	C	65.18750	7.270387	50.53500	79.84000	48
2	0.1	72.93750	7.270387	58.28500	87.59000	48
3	1	73.52083	7.270387	58.86833	88.17333	48
4	5	64.79167	7.270387	50.13917	79.44417	48
5	10	56.64583	7.270387	41.99333	71.29833	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

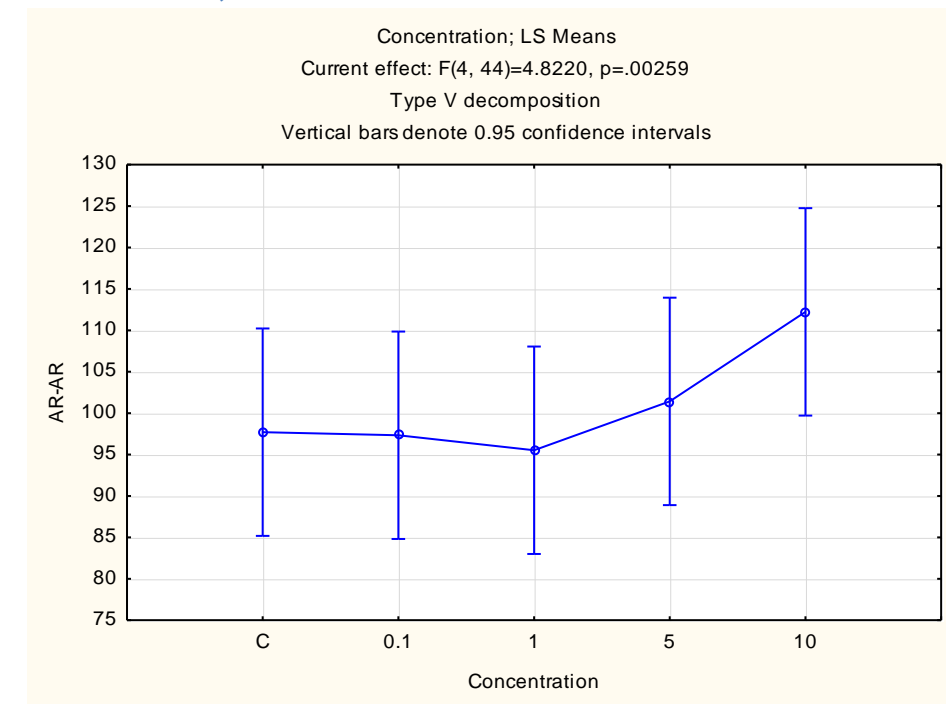
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(4, 44)=4.8220, p=.00259$

Type V decomposition

Cell No.	Concentration	AR-AR - Mean	AR-AR - Std.Err.	AR-AR - -95.00%	AR-AR - +95.00%	N
1	C	97.7083	6.211844	85.18918	110.2275	48
2	0.1	97.3333	6.211844	84.81418	109.8525	48
3	1	95.5208	6.211844	83.00168	108.0400	48
4	5	101.4167	6.211844	88.89752	113.9358	48
5	10	112.2292	6.211844	99.71002	124.7483	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

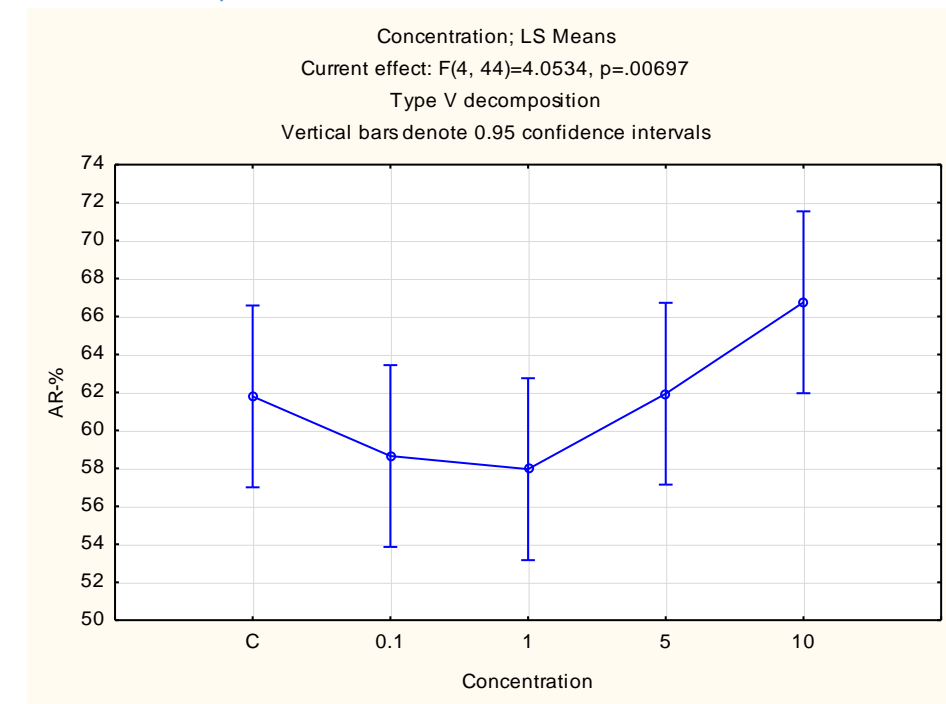
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(4, 44)=4.0534, p=.00697$

Type V decomposition

Cell No.	Concentration	AR-% - Mean	AR-% - Std.Err.	AR-% - -95.00%	AR-% - +95.00%	N
1	C	61.79281	2.377070	57.00214	66.58348	48
2	0.1	58.65113	2.377070	53.86046	63.44180	48
3	1	57.95870	2.377070	53.16803	62.74937	48
4	5	61.93546	2.377070	57.14479	66.72613	48
5	10	66.75002	2.377070	61.95935	71.54069	48

**Concentration; LS Means**

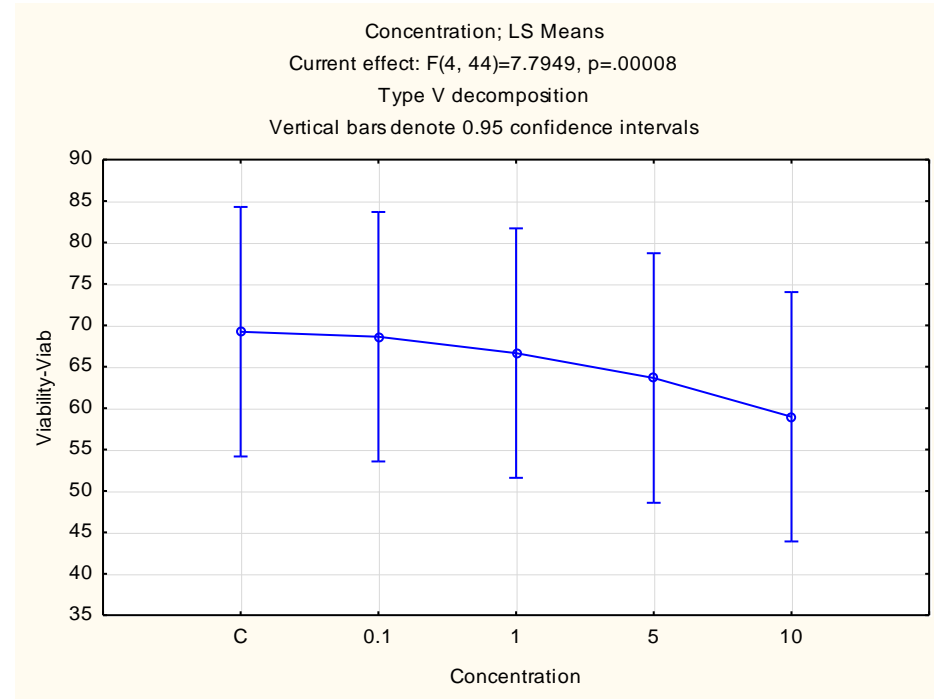


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(4, 44)=7.7949, p=.00008  
 Type V decomposition

Cell No.	Concentration	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	C	69.22917	7.470854	54.17265	84.28568	48
2	0.1	68.62500	7.470854	53.56848	83.68152	48
3	1	66.64583	7.470854	51.58932	81.70235	48
4	5	63.63869	7.474601	48.57462	78.70276	47
5	10	58.95833	7.470854	43.90182	74.01485	48

**Concentration; LS Means**

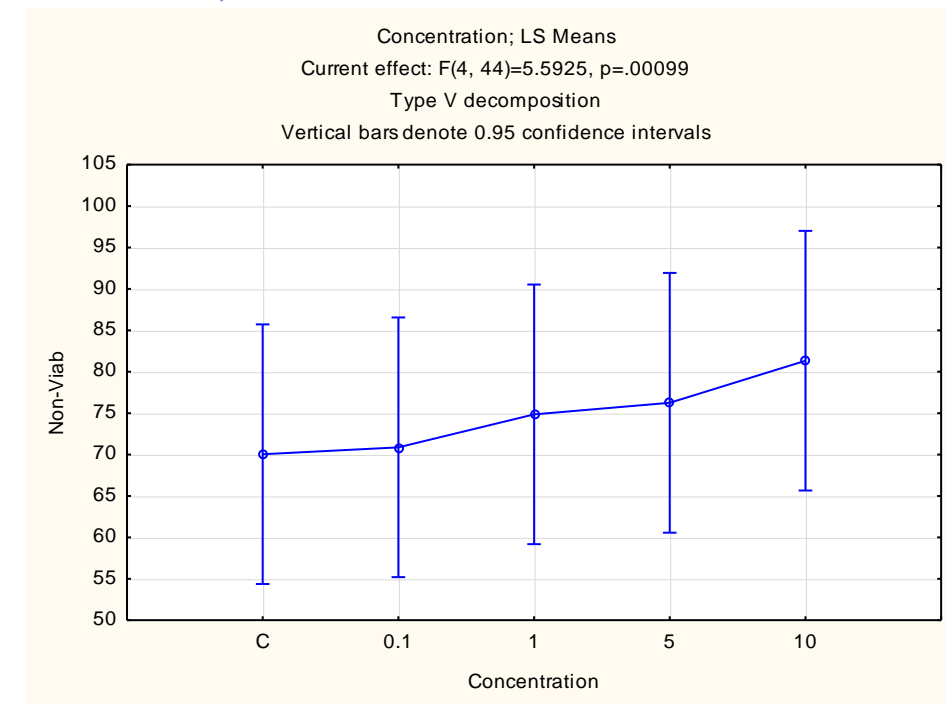


**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(4, 44)=5.5925, p=.00099$   
 Type V decomposition

Cell No.	Concentration	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	C	70.04167	7.777269	54.36761	85.71572	48
2	0.1	70.87500	7.777269	55.20094	86.54906	48
3	1	74.85417	7.777269	59.18011	90.52822	48
4	5	76.25110	7.780855	60.56982	91.93239	47
5	10	81.33333	7.777269	65.65928	97.00739	48

**Concentration; LS Means**



**Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

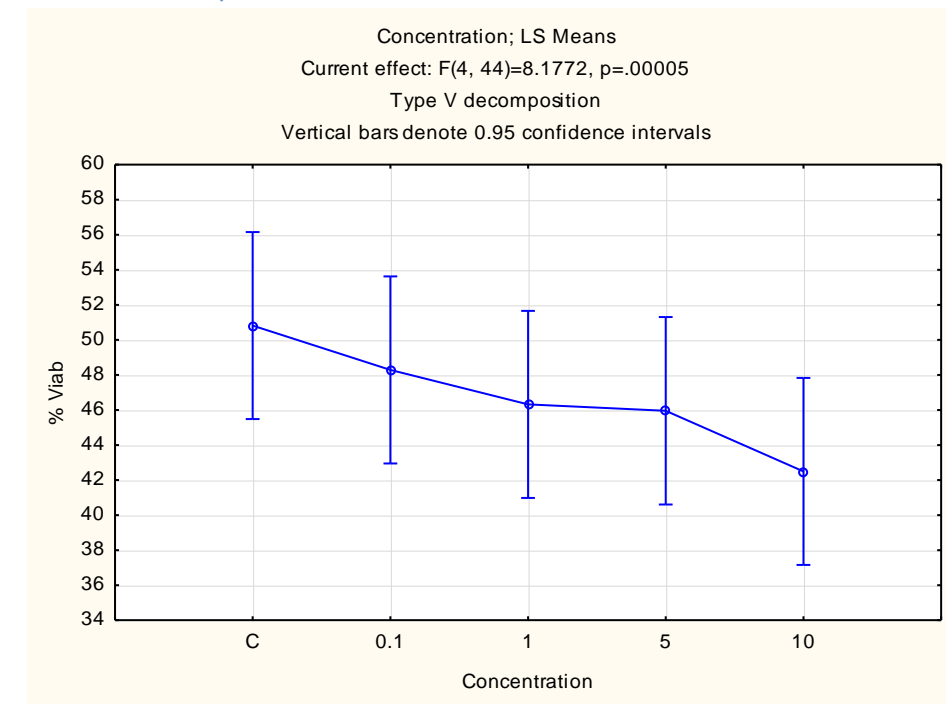
Concentration; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(4, 44)=8.1772, p=.00005$

Type V decomposition

Cell No.	Concentration	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	C	50.81677	2.648096	45.47988	56.15365	48
2	0.1	48.28788	2.648096	42.95100	53.62477	48
3	1	46.31863	2.648096	40.98174	51.65551	48
4	5	45.95411	2.653992	40.60534	51.30288	47
5	10	42.49287	2.648096	37.15599	47.82976	48

**Concentration; LS Means**



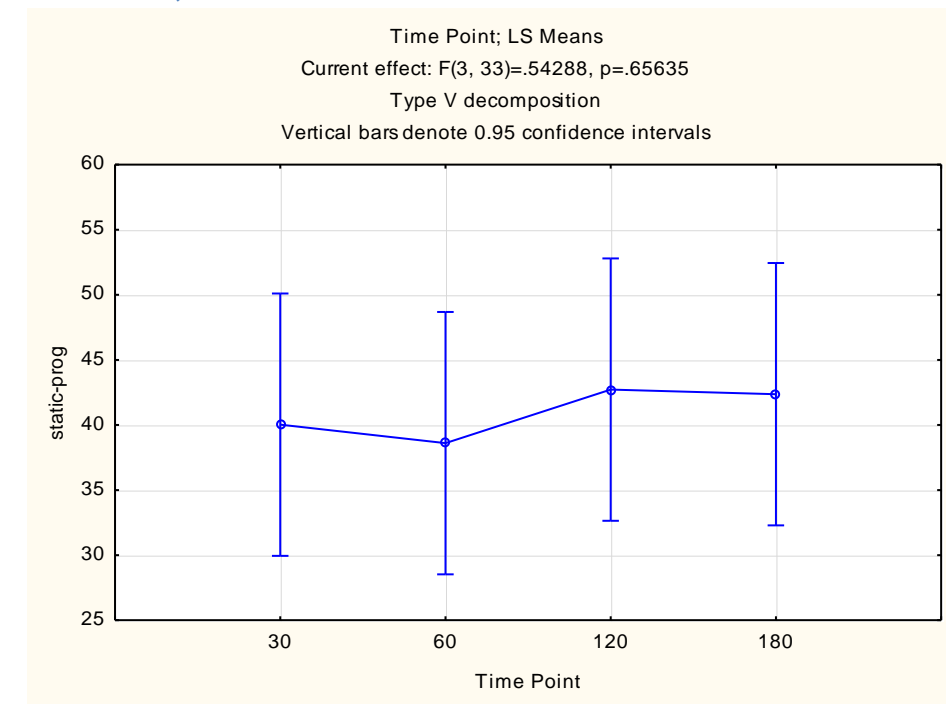
**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=.54288, p=.65635$   
 Type V decomposition

Cell No.	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	30	40.02500	4.952793	29.94847	50.10153	60
2	60	38.60667	4.952793	28.53013	48.68320	60
3	120	42.71667	4.952793	32.64013	52.79320	60
4	180	42.36667	4.952793	32.29013	52.44320	60



**Time Point; LS Means**

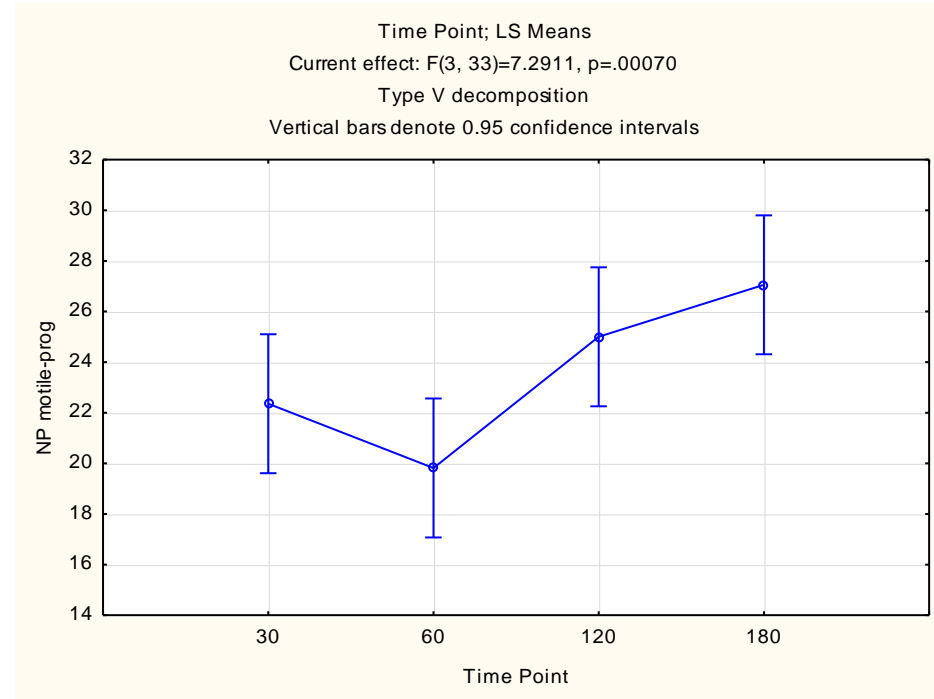


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=7.2911, p=.00070$   
 Type V decomposition

Cell No.	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N
1	30	22.35667	1.348904	19.61230	25.10103	60
2	60	19.81833	1.348904	17.07397	22.56270	60
3	120	25.00167	1.348904	22.25730	27.74603	60
4	180	27.05500	1.348904	24.31063	29.79937	60

**Time Point; LS Means**

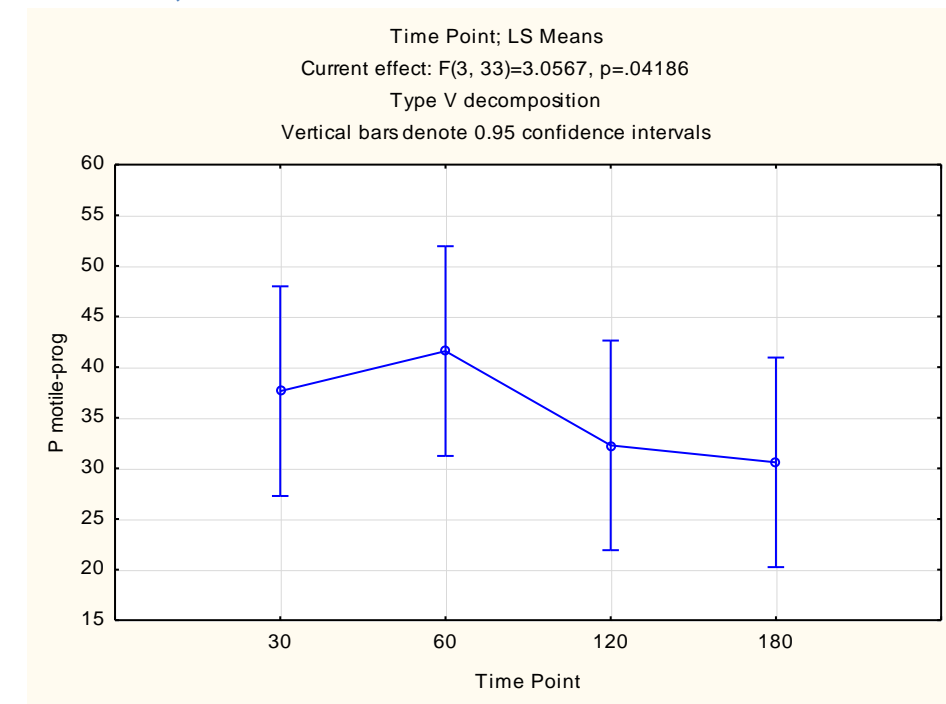


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=3.0567, p=.04186$   
 Type V decomposition

Cell No.	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	30	37.62833	5.088451	27.27580	47.98087	60
2	60	41.58500	5.088451	31.23247	51.93753	60
3	120	32.27333	5.088451	21.92080	42.62587	60
4	180	30.59833	5.088451	20.24580	40.95087	60

**Time Point; LS Means**

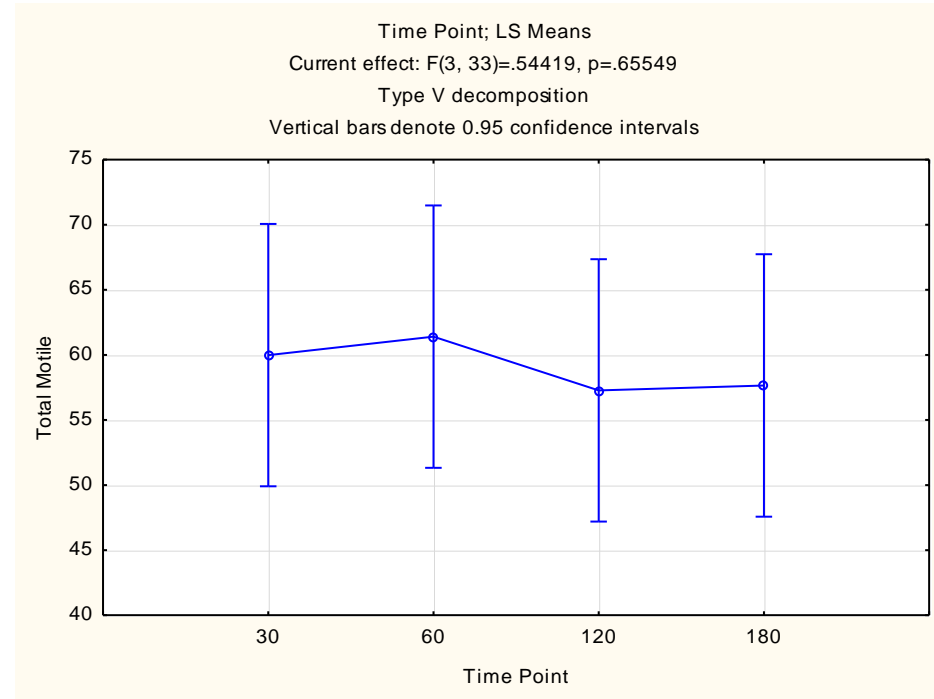


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=.54419, p=.65549$   
 Type V decomposition

Cell No.	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	30	59.98500	4.953687	49.90665	70.06335	60
2	60	61.40333	4.953687	51.32498	71.48169	60
3	120	57.27500	4.953687	47.19665	67.35335	60
4	180	57.65333	4.953687	47.57498	67.73169	60

**Time Point; LS Means**

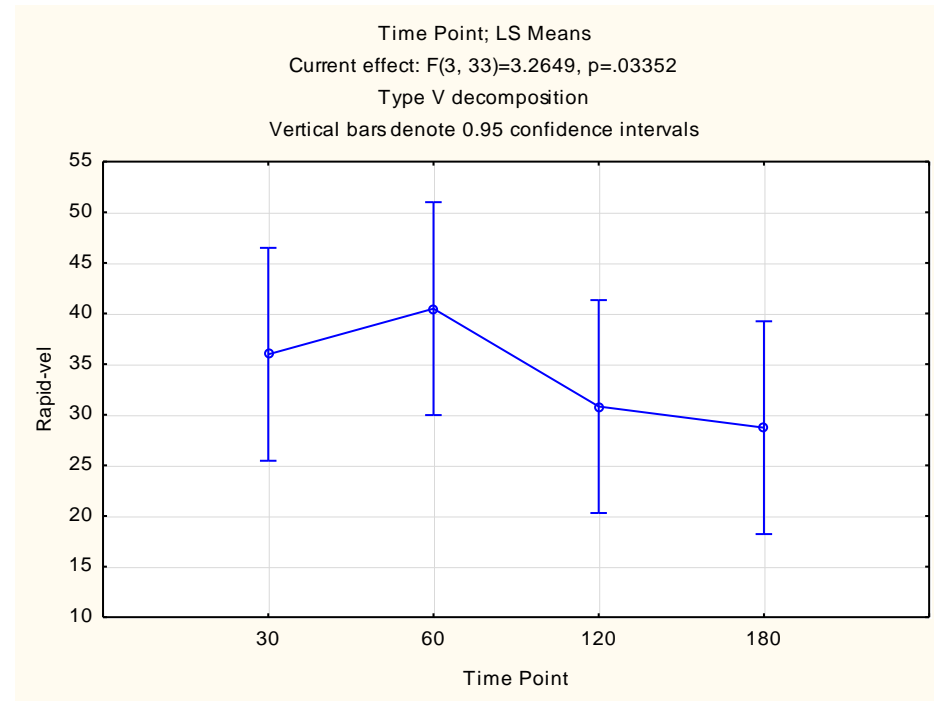


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=3.2649, p=.03352  
 Type V decomposition

Cell No.	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	30	35.97000	5.167697	25.45624	46.48376	60
2	60	40.48333	5.167697	29.96958	50.99709	60
3	120	30.81500	5.167697	20.30124	41.32876	60
4	180	28.72500	5.167697	18.21124	39.23876	60

**Time Point; LS Means**

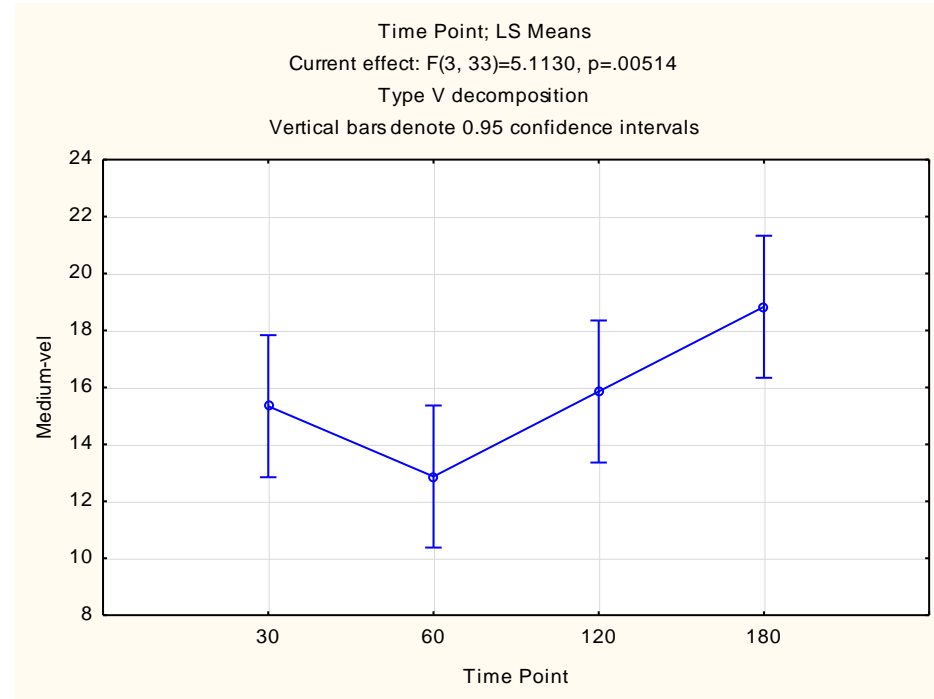


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=5.1130, p=.00514$   
 Type V decomposition

Cell No.	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	30	15.34167	1.226453	12.84643	17.83690	60
2	60	12.87167	1.226453	10.37643	15.36690	60
3	120	15.85833	1.226453	13.36310	18.35357	60
4	180	18.83333	1.226453	16.33810	21.32857	60

**Time Point; LS Means**

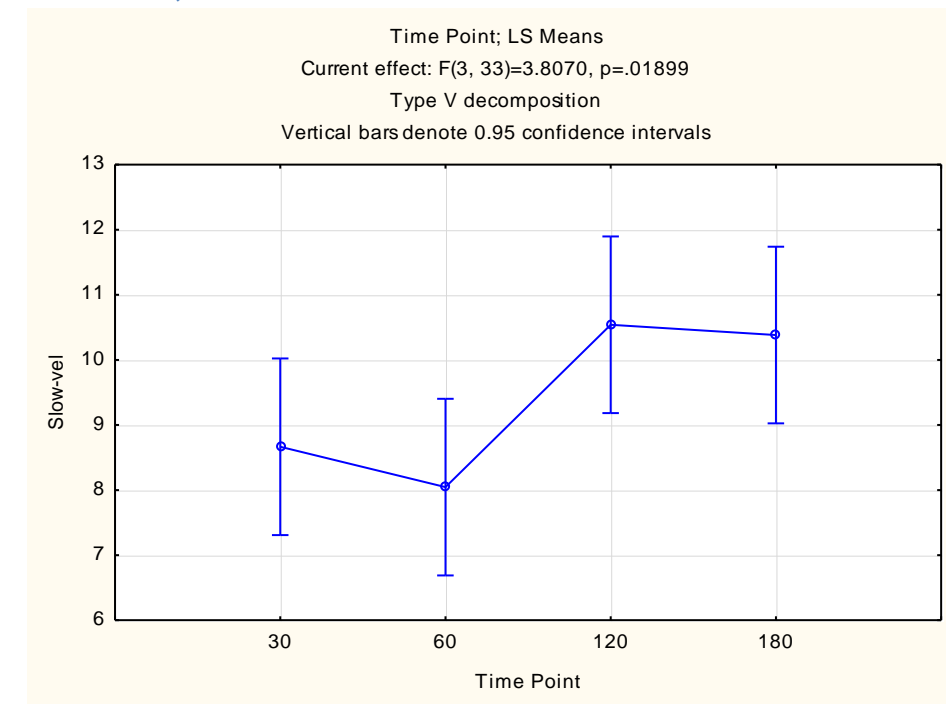


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=3.8070, p=.01899$   
 Type V decomposition

Cell No.	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	30	8.66500	0.666973	7.308034	10.02197	60
2	60	8.04500	0.666973	6.688034	9.40197	60
3	120	10.54000	0.666973	9.183034	11.89697	60
4	180	10.38167	0.666973	9.024700	11.73863	60

**Time Point; LS Means**

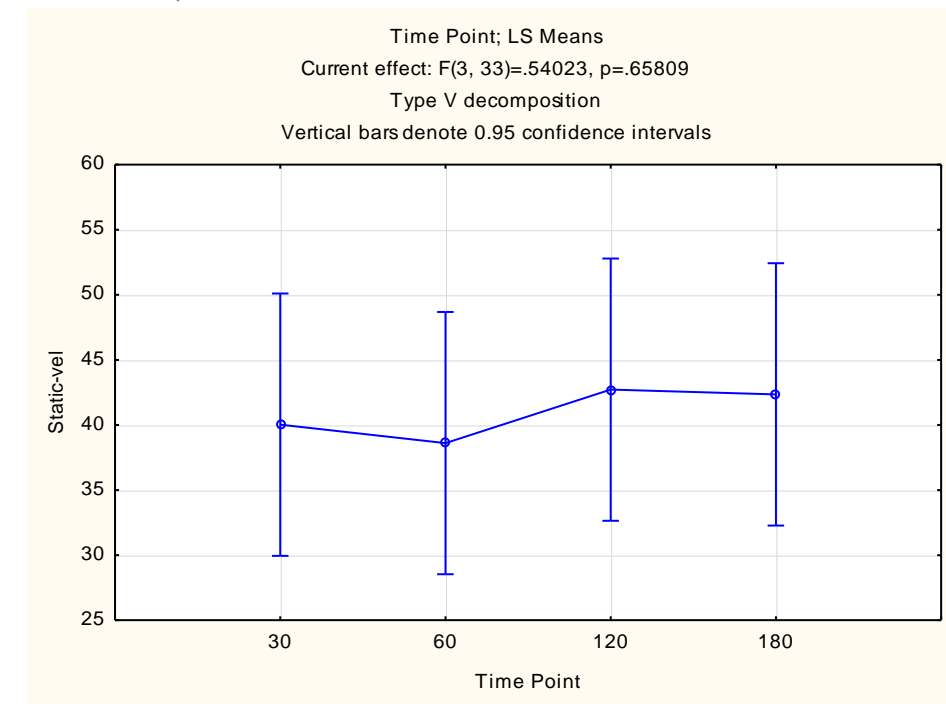


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=.54023, p=.65809$   
 Type V decomposition

Cell No.	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N
1	30	40.02500	4.952450	29.94917	50.10083	60
2	60	38.60667	4.952450	28.53083	48.68250	60
3	120	42.71500	4.952450	32.63917	52.79083	60
4	180	42.35000	4.952450	32.27417	52.42583	60

**Time Point; LS Means**



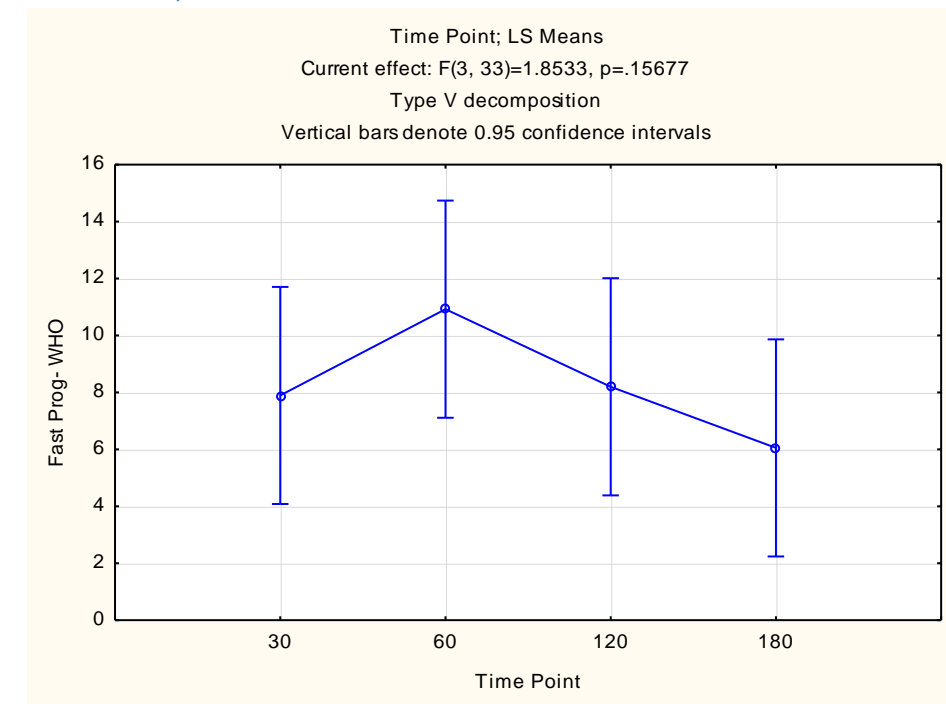
**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=1.8533, p=.15677  
 Type V decomposition

Cell No.	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	30	7.89500	1.874249	4.081812	11.70819	60
2	60	10.92500	1.874249	7.111812	14.73819	60
3	120	8.19833	1.874249	4.385145	12.01152	60
4	180	6.05333	1.874249	2.240145	9.86652	60



**Time Point; LS Means**

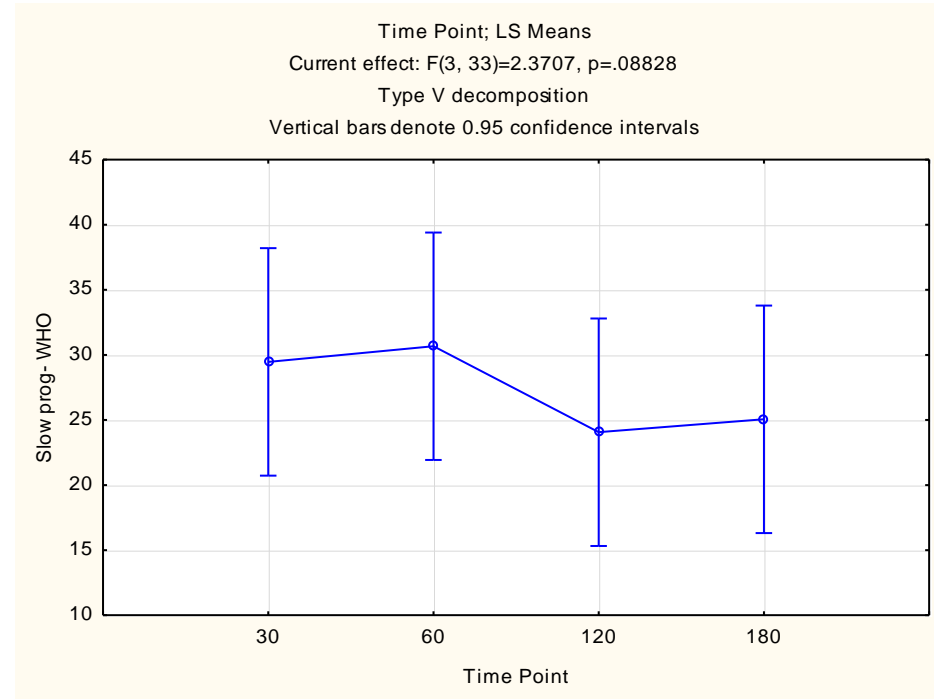


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=2.3707, p=.08828$   
 Type V decomposition

Cell No.	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	30	29.46333	4.294446	20.72622	38.20045	60
2	60	30.66667	4.294446	21.92955	39.40378	60
3	120	24.06333	4.294446	15.32622	32.80045	60
4	180	25.05167	4.294446	16.31455	33.78878	60

**Time Point; LS Means**

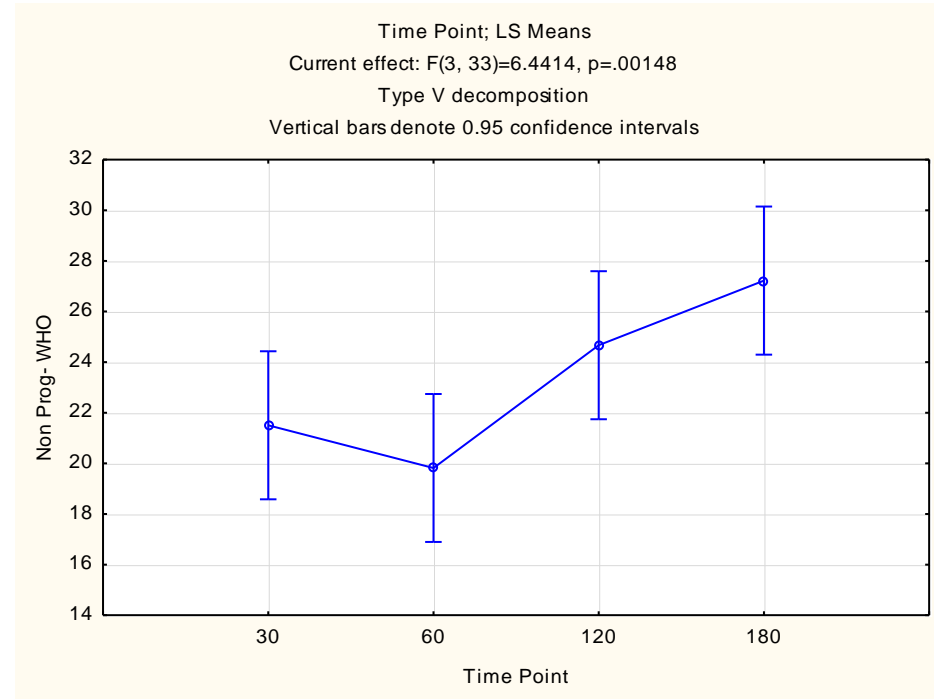


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=6.4414, p=.00148$   
 Type V decomposition

Cell No.	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	30	21.50667	1.437284	18.58249	24.43084	60
2	60	19.81833	1.437284	16.89416	22.74251	60
3	120	24.66833	1.437284	21.74416	27.59251	60
4	180	27.22167	1.437284	24.29749	30.14584	60

**Time Point; LS Means**

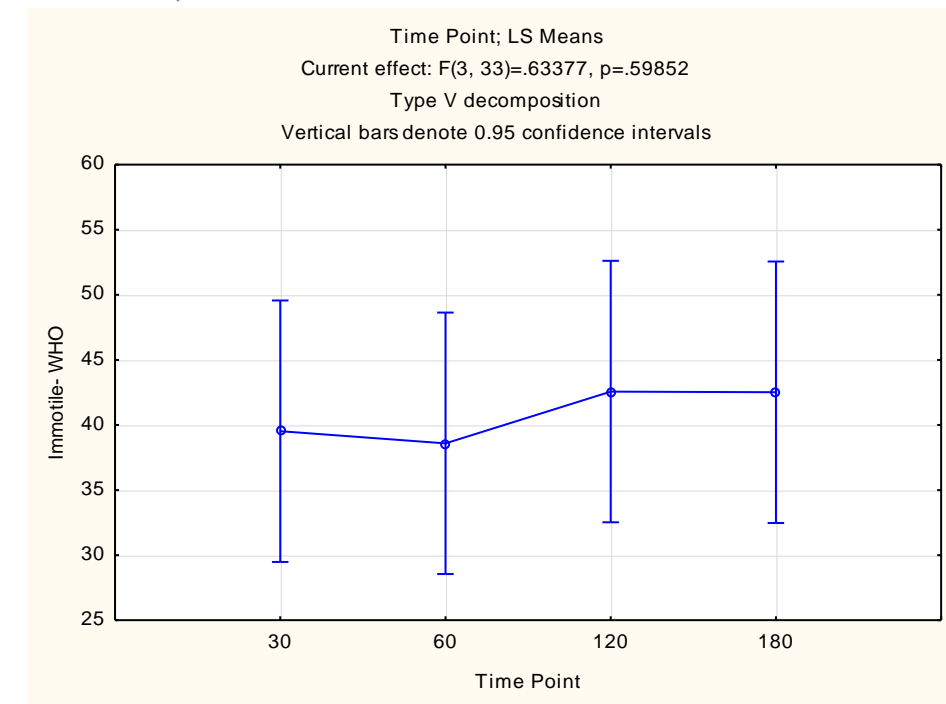


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=.63377, p=.59852  
 Type V decomposition

Cell No.	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	30	39.52500	4.936274	29.48208	49.56792	60
2	60	38.59167	4.936274	28.54874	48.63459	60
3	120	42.56667	4.936274	32.52374	52.60959	60
4	180	42.51667	4.936274	32.47374	52.55959	60

**Time Point; LS Means**

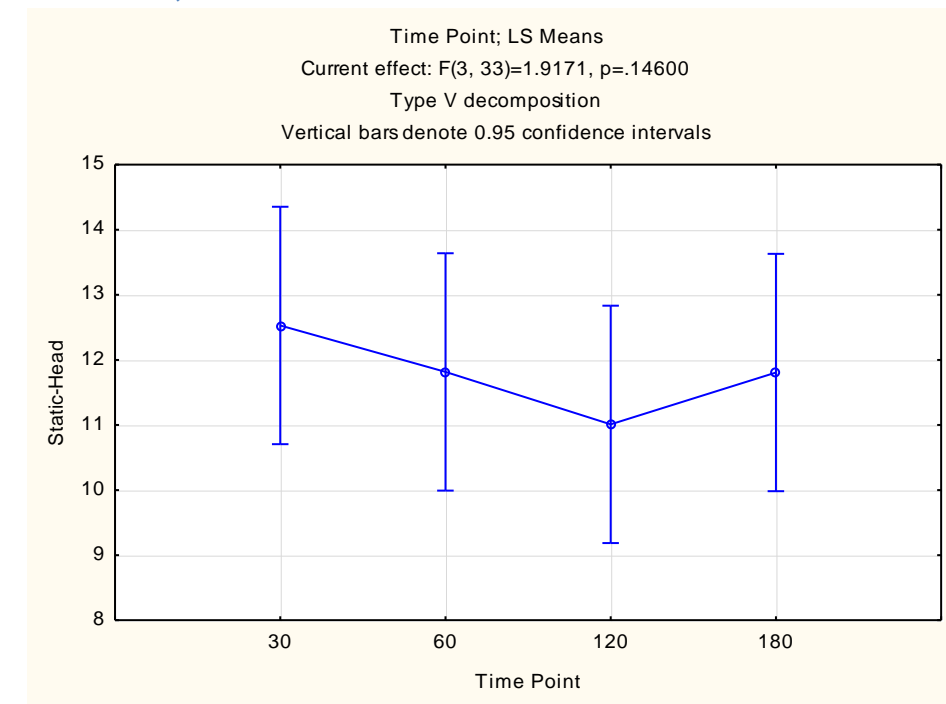


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=1.9171, p=.14600$   
 Type V decomposition

Cell No.	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	30	12.53000	0.896361	10.70634	14.35366	60
2	60	11.81500	0.896361	9.99134	13.63866	60
3	120	11.01000	0.896361	9.18634	12.83366	60
4	180	11.80667	0.896361	9.98301	13.63033	60

**Time Point; LS Means**

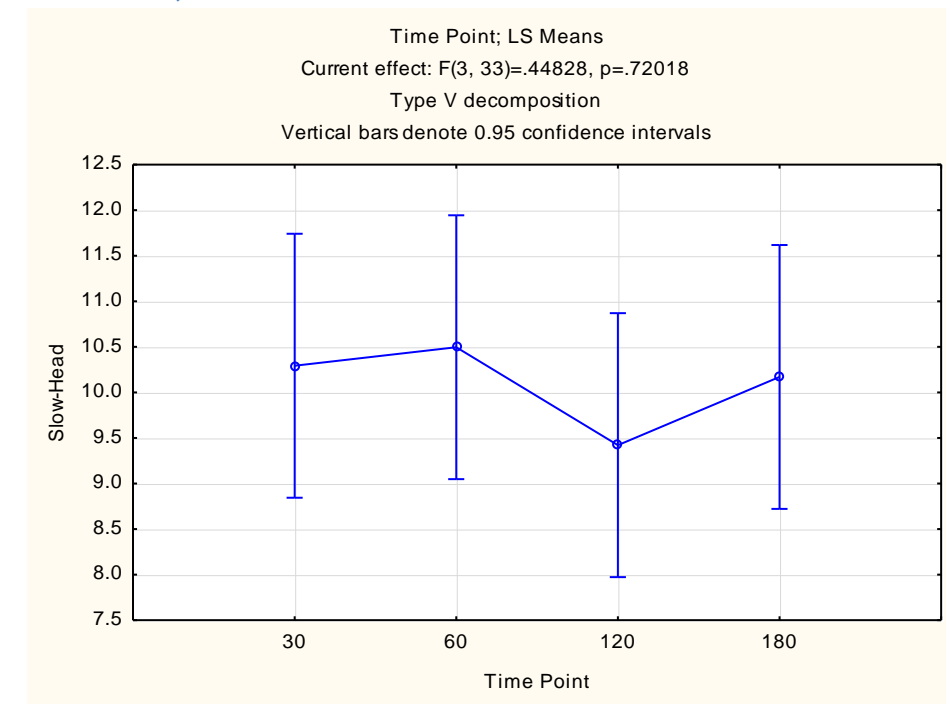


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=.44828, p=.72018$   
 Type V decomposition

Cell No.	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N
1	30	10.29333	0.711816	8.845133	11.74153	60
2	60	10.49667	0.711816	9.048466	11.94487	60
3	120	9.42167	0.711816	7.973466	10.86987	60
4	180	10.17000	0.711816	8.721799	11.61820	60

**Time Point; LS Means**

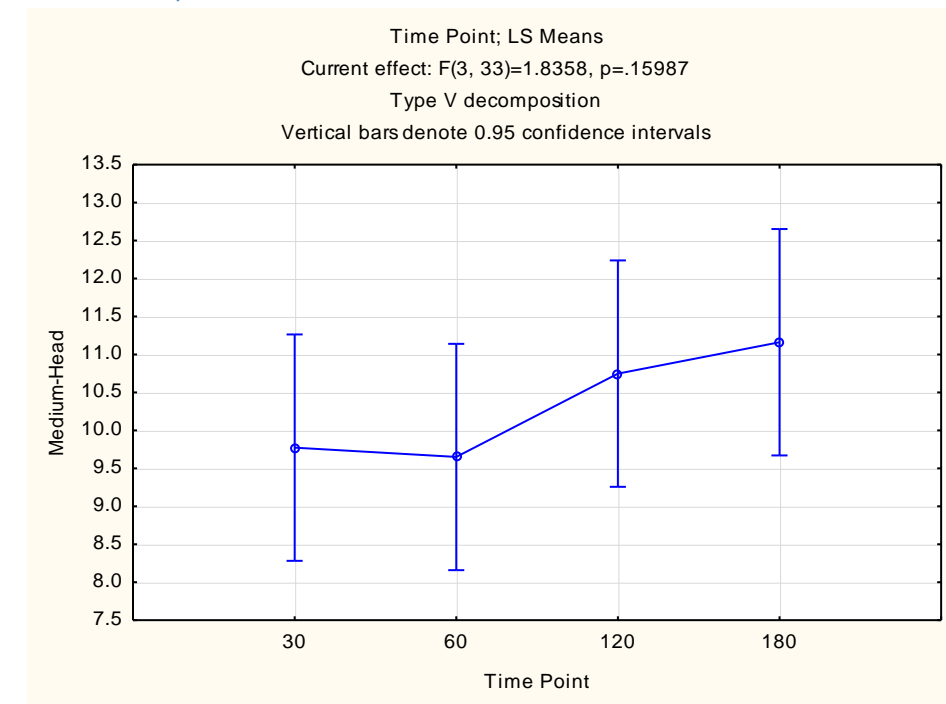


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=1.8358$ ,  $p=.15987$   
 Type V decomposition

Cell No.	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	30	9.77333	0.732681	8.282683	11.26398	60
2	60	9.65000	0.732681	8.159350	11.14065	60
3	120	10.74833	0.732681	9.257683	12.23898	60
4	180	11.16167	0.732681	9.671017	12.65232	60

**Time Point; LS Means**

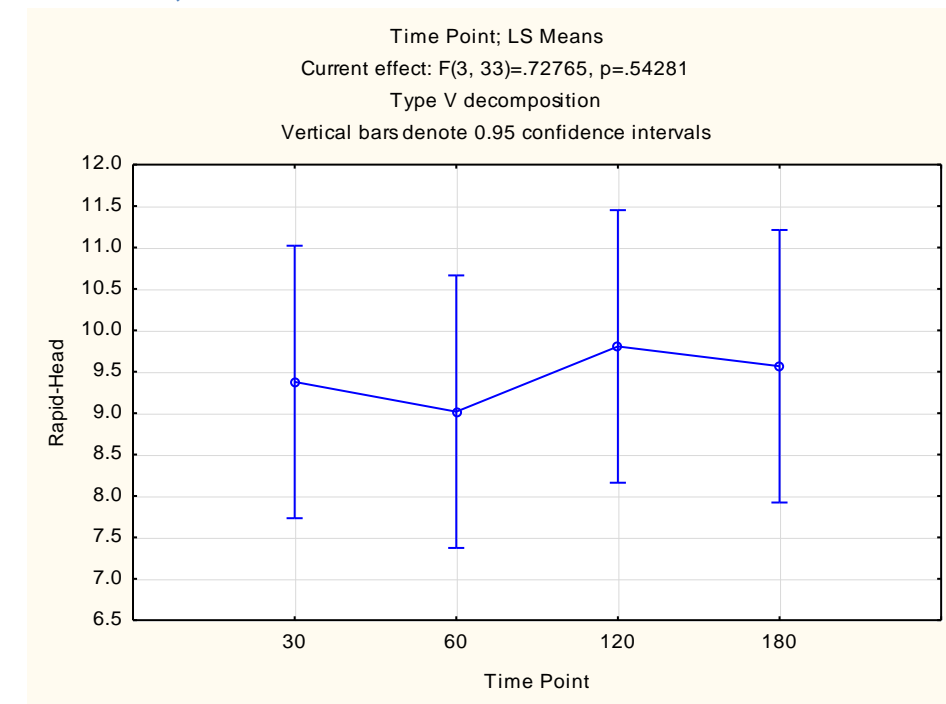


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=.72765, p=.54281$   
 Type V decomposition

Cell No.	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	30	9.376667	0.808620	7.731516	11.02182	60
2	60	9.017667	0.808620	7.372516	10.66282	60
3	120	9.805000	0.808620	8.159850	11.45015	60
4	180	9.566667	0.808620	7.921516	11.21182	60

**Time Point; LS Means**



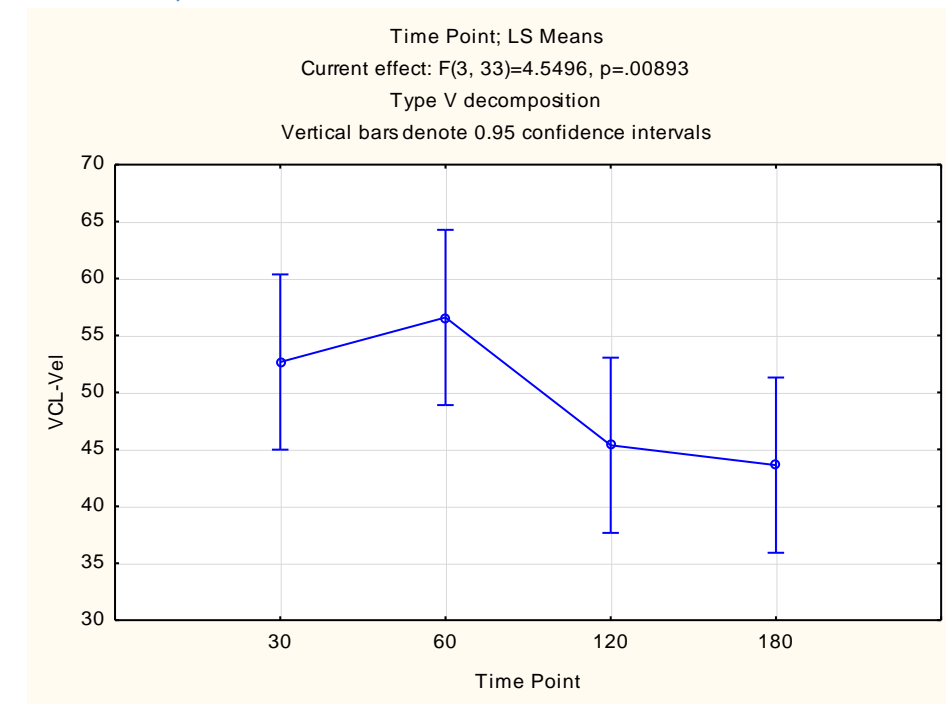
**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=4.5496, p=.00893$   
 Type V decomposition

Cell No.	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	30	52.67000	3.781388	44.97671	60.36329	60
2	60	56.58167	3.781388	48.88837	64.27496	60
3	120	45.36333	3.781388	37.67004	53.05663	60
4	180	43.61500	3.781388	35.92171	51.30829	60



**Time Point; LS Means**

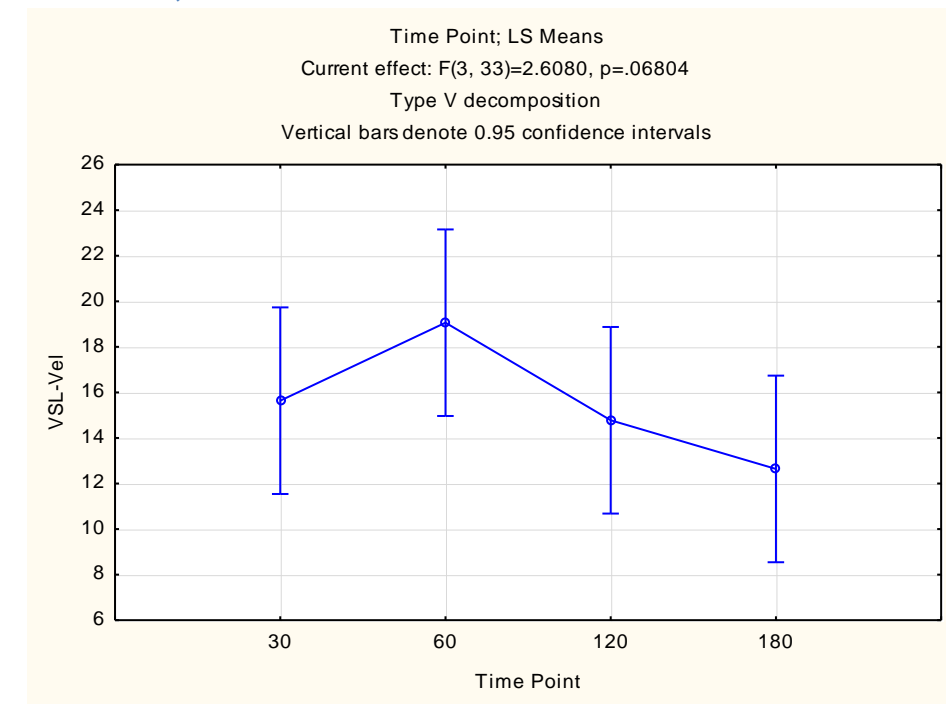


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=2.6080, p=.06804$   
 Type V decomposition

Cell No.	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	30	15.64000	2.013331	11.54385	19.73615	60
2	60	19.06167	2.013331	14.96551	23.15782	60
3	120	14.77667	2.013331	10.68051	18.87282	60
4	180	12.64167	2.013331	8.54551	16.73782	60

**Time Point; LS Means**

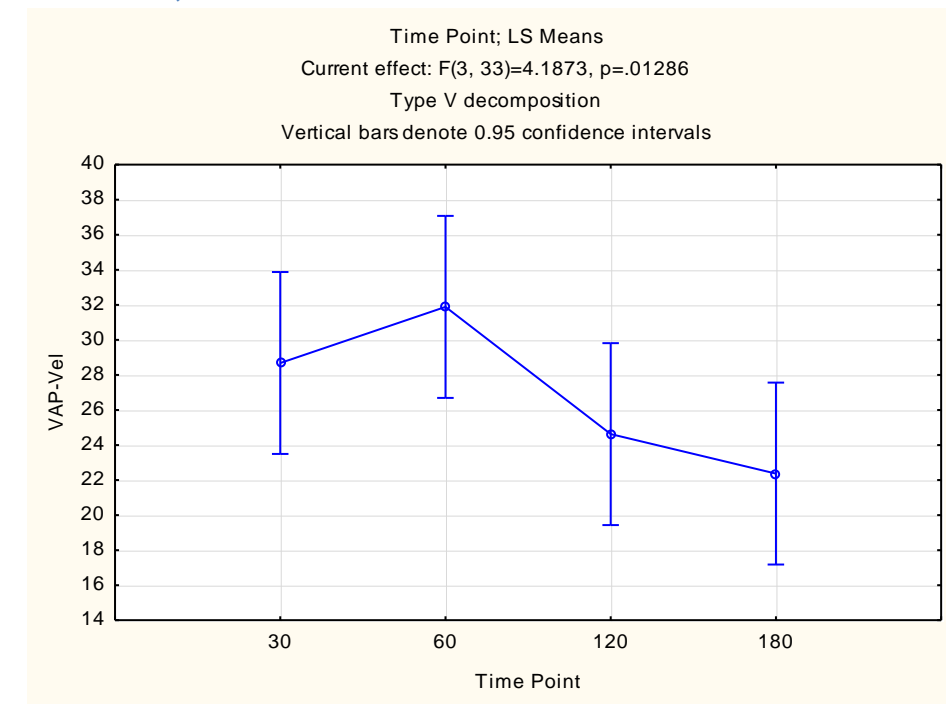


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=4.1873, p=.01286$   
 Type V decomposition

Cell No.	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	30	28.68000	2.551828	23.48827	33.87173	60
2	60	31.88333	2.551828	26.69160	37.07507	60
3	120	24.62333	2.551828	19.43160	29.81507	60
4	180	22.37000	2.551828	17.17827	27.56173	60

**Time Point; LS Means**



**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

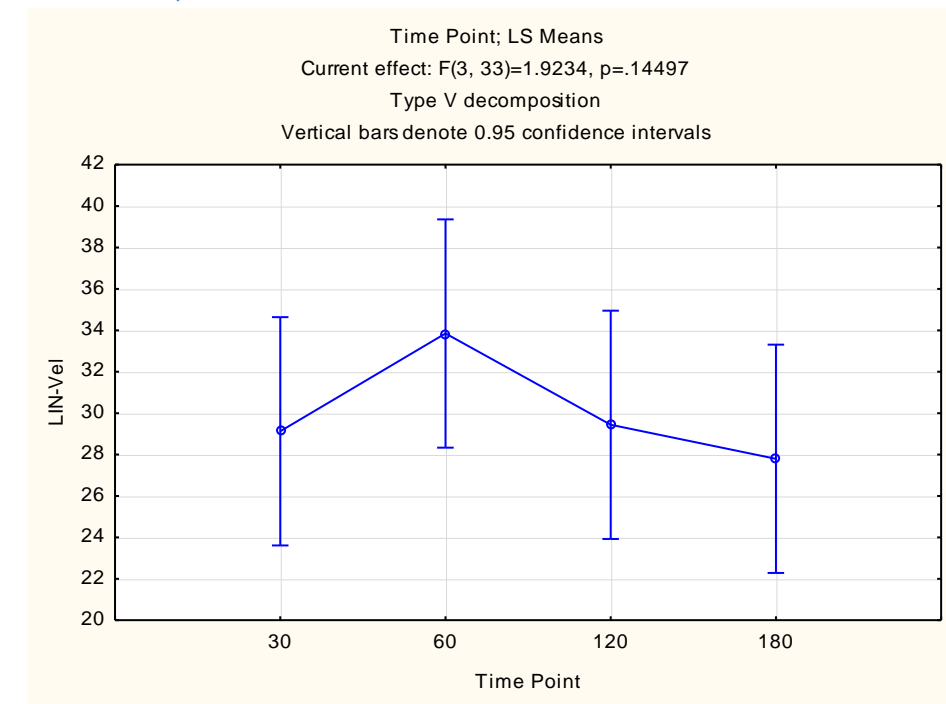
Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(3, 33)=1.9234, p=.14497

Type V decomposition

Cell No.	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
1	30	29.12333	2.708931	23.61197	34.63469	60
2	60	33.84667	2.708931	28.33531	39.35803	60
3	120	29.43833	2.708931	23.92697	34.94969	60
4	180	27.79500	2.708931	22.28364	33.30636	60

**Time Point; LS Means**

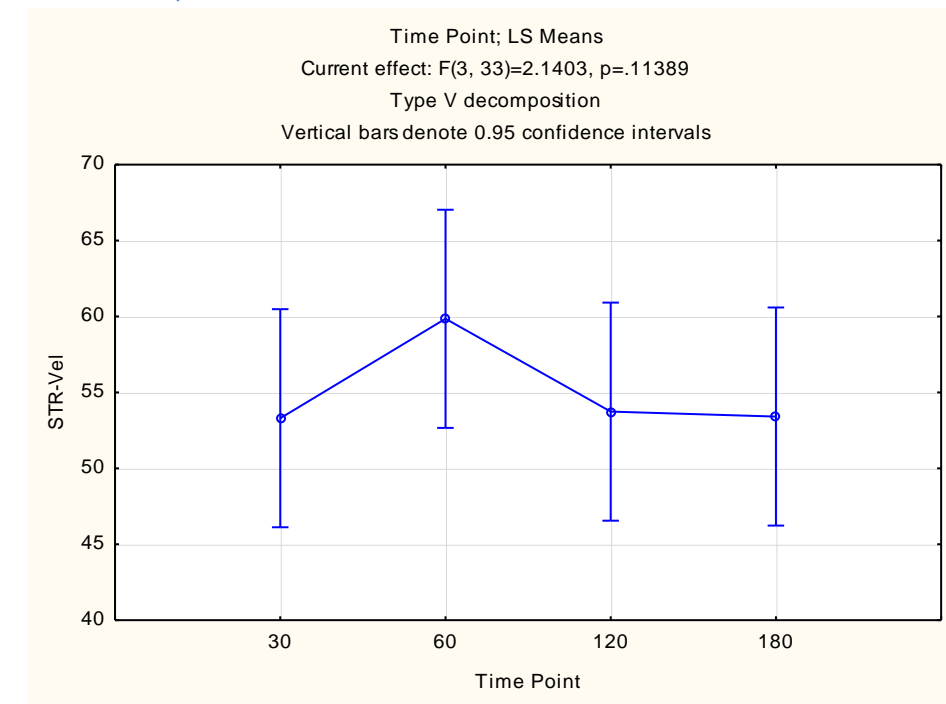


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=2.1403, p=.11389  
 Type V decomposition

Cell No.	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	30	53.30167	3.529503	46.12084	60.48249	60
2	60	59.85000	3.529503	52.66917	67.03083	60
3	120	53.73833	3.529503	46.55751	60.91916	60
4	180	53.41333	3.529503	46.23251	60.59416	60

**Time Point; LS Means**

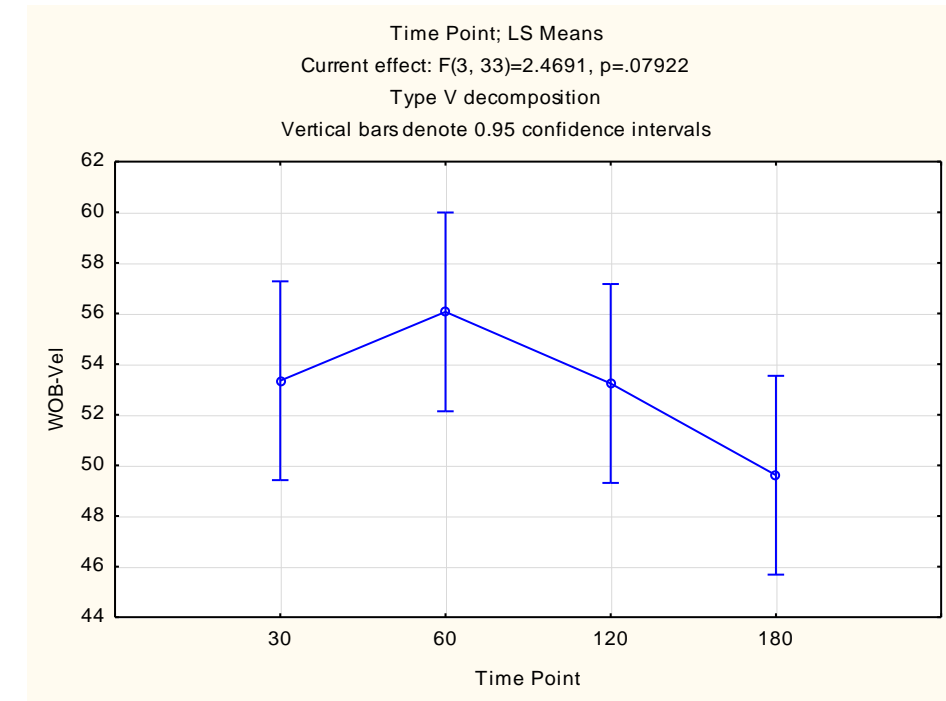


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=2.4691, p=.07922$   
 Type V decomposition

Cell No.	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	30	53.34500	1.930696	49.41697	57.27303	60
2	60	56.06667	1.930696	52.13864	59.99470	60
3	120	53.23667	1.930696	49.30864	57.16470	60
4	180	49.61167	1.930696	45.68364	53.53970	60

**Time Point; LS Means**

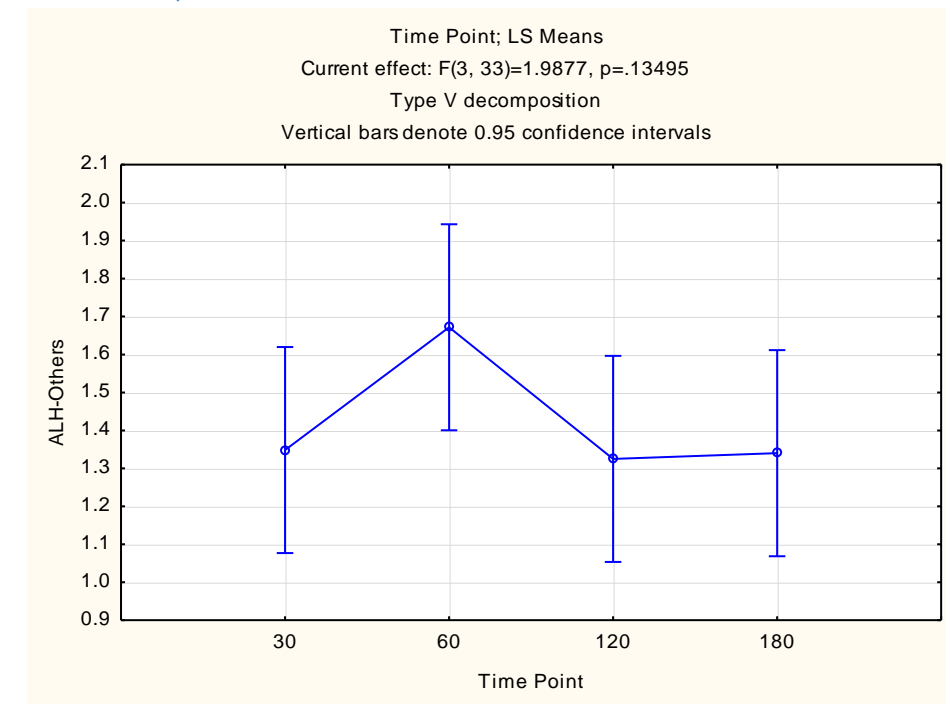


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=1.9877, p=.13495  
 Type V decomposition

Cell No.	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	30	1.348333	0.133360	1.077010	1.619656	60
2	60	1.671667	0.133360	1.400344	1.942990	60
3	120	1.325000	0.133360	1.053677	1.596323	60
4	180	1.340000	0.133360	1.068677	1.611323	60

**Time Point; LS Means**

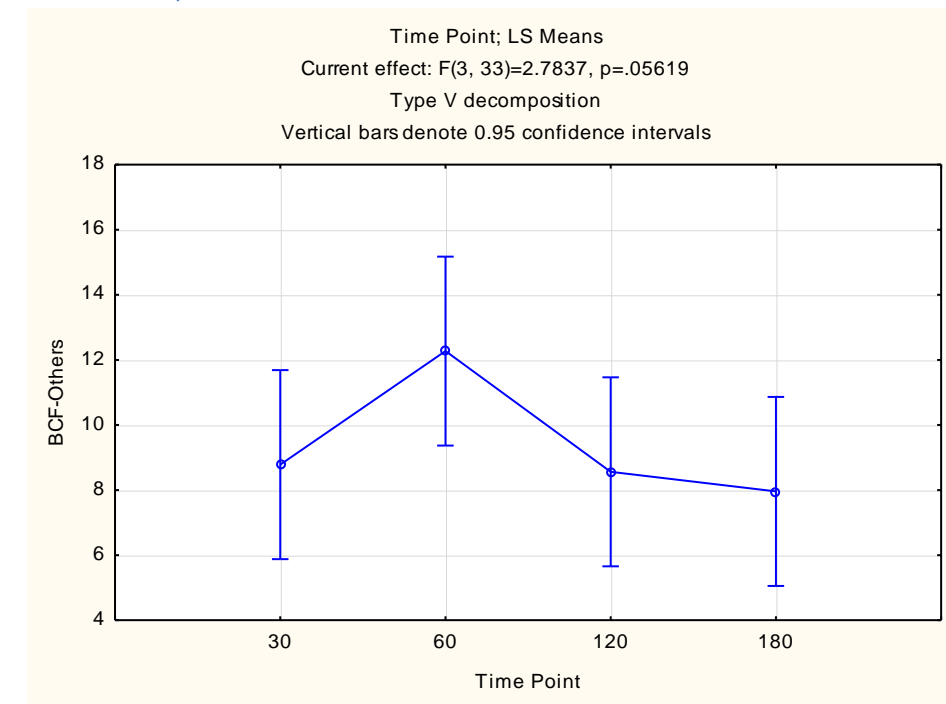


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=2.7837, p=.05619$   
 Type V decomposition

Cell No.	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	30	8.78167	1.427240	5.877926	11.68541	60
2	60	12.27167	1.427240	9.367926	15.17541	60
3	120	8.56000	1.427240	5.656259	11.46374	60
4	180	7.95833	1.427240	5.054593	10.86207	60

**Time Point; LS Means**



**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

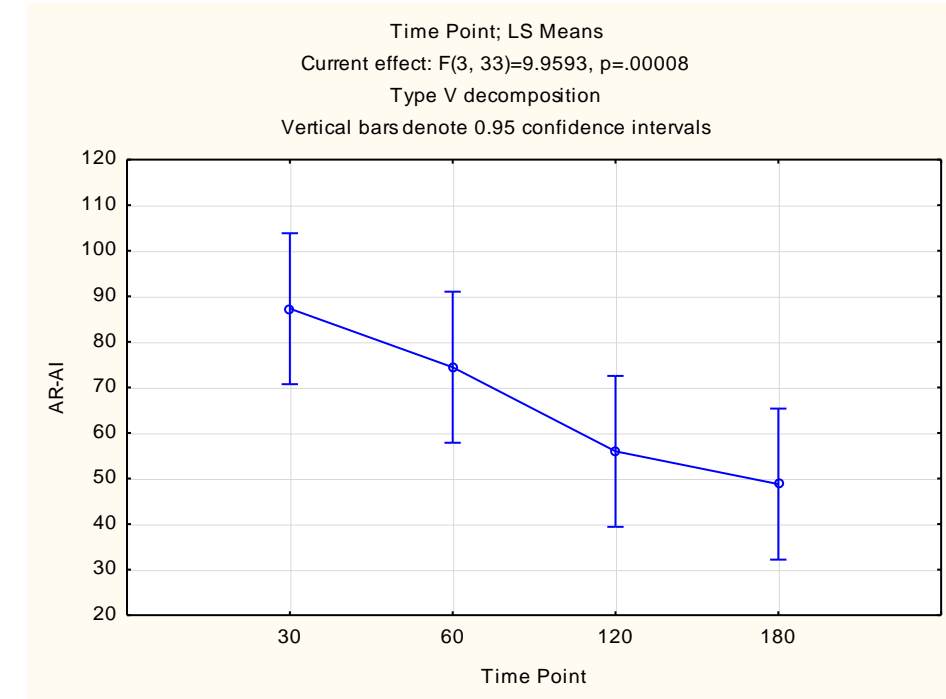
Current effect: F(3, 33)=9.9593, p=.00008

Type V decomposition

Cell No.	Time Point	AR-AI - Mean	AR-AI - Std.Err.	AR-AI - -95.00%	AR-AI - +95.00%	N
1	30	87.28333	8.147156	70.70782	103.8588	60
2	60	74.43333	8.147156	57.85782	91.0088	60
3	120	55.96667	8.147156	39.39115	72.5422	60
4	180	48.78333	8.147156	32.20782	65.3588	60



**Time Point; LS Means**



**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

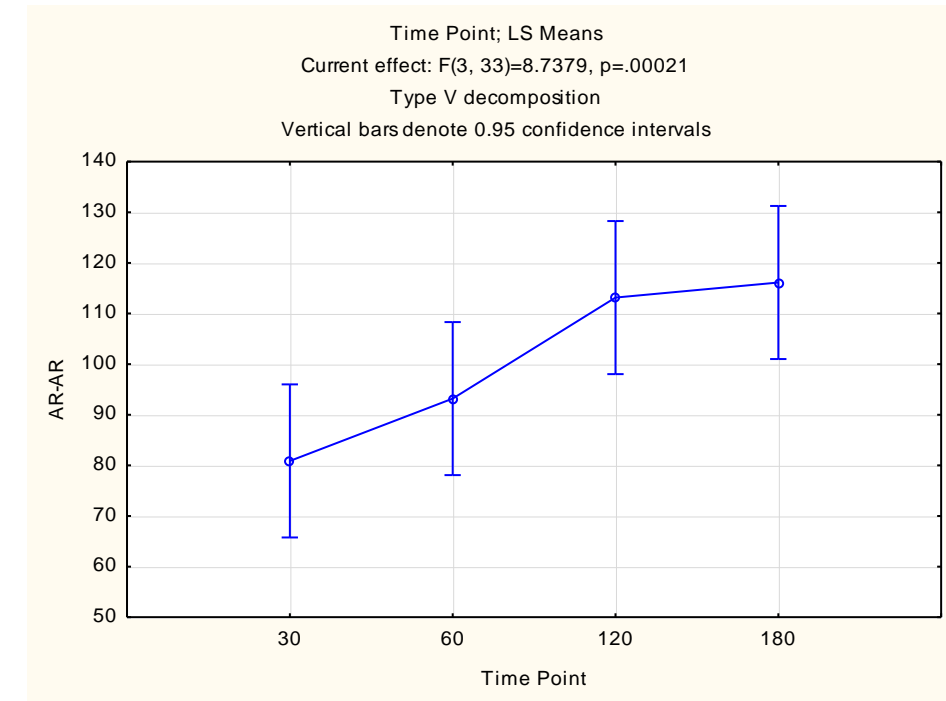
Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(3, 33)=8.7379, p=.00021

Type V decomposition

Cell No.	Time Point	AR-AR - Mean	AR-AR - Std.Err.	AR-AR - -95.00%	AR-AR - +95.00%	N
1	30	80.8833	7.429333	65.7682	95.9984	60
2	60	93.2000	7.429333	78.0849	108.3151	60
3	120	113.1500	7.429333	98.0349	128.2651	60
4	180	116.1333	7.429333	101.0182	131.2484	60

**Time Point; LS Means**



**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

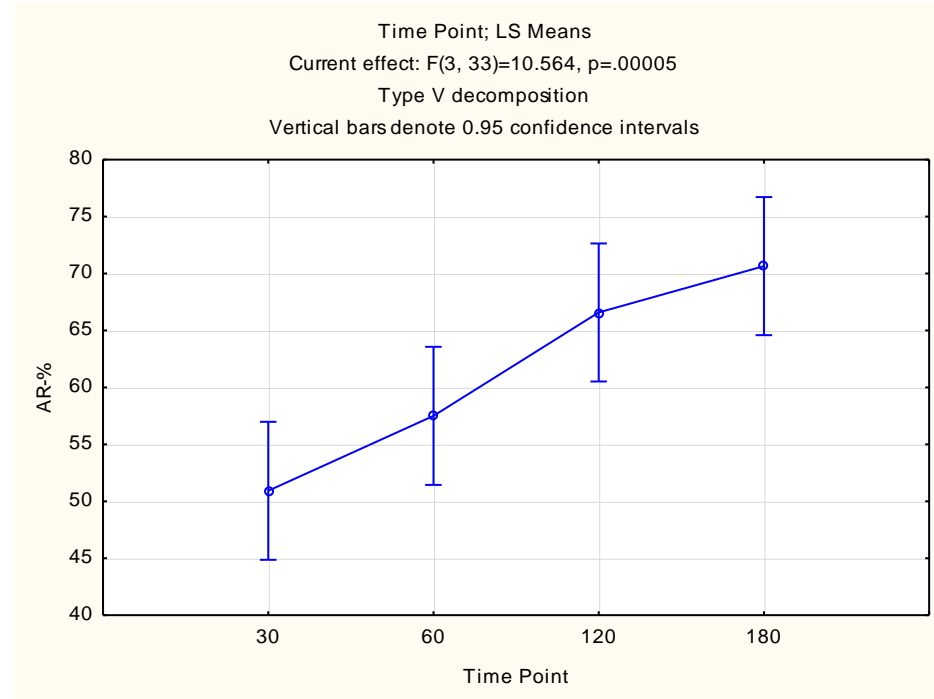
Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(3, 33)=10.564, p=.00005

Type V decomposition

Cell No.	Time Point	AR-% - Mean	AR-% - Std.Err.	AR-% - -95.00%	AR-% - +95.00%	N
1	30	50.92634	2.979265	44.86498	56.98770	60
2	60	57.50814	2.979265	51.44678	63.56950	60
3	120	66.58106	2.979265	60.51969	72.64242	60
4	180	70.65496	2.979265	64.59360	76.71632	60

**Time Point; LS Means**

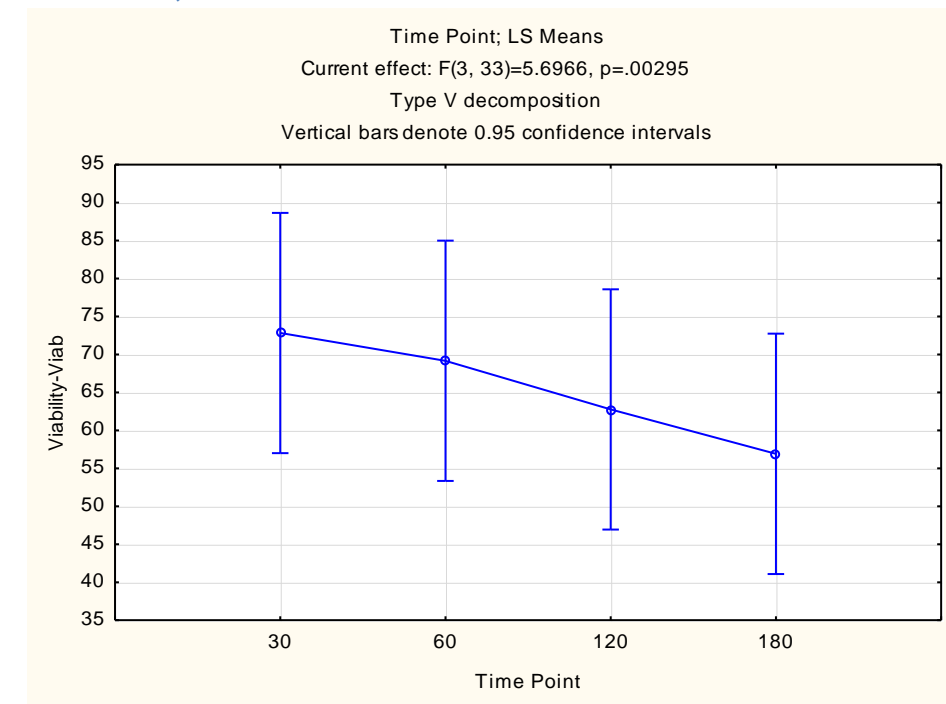


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(3, 33)=5.6966, p=.00295$   
 Type V decomposition

Cell No.	Time Point	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N
1	30	72.83333	7.777519	57.00985	88.65681	60
2	60	69.16667	7.777519	53.34319	84.99015	60
3	120	62.76667	7.777519	46.94319	78.59015	60
4	180	56.91095	7.779823	41.08278	72.73912	59

**Time Point; LS Means**

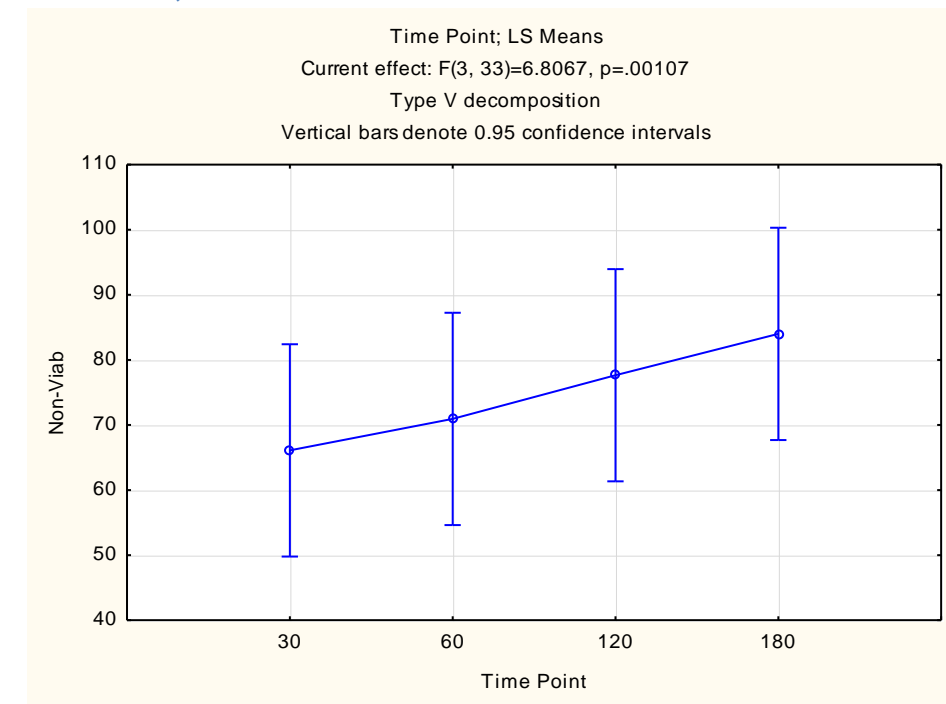


**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(3, 33)=6.8067, p=.00107  
 Type V decomposition

Cell No.	Time Point	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	30	66.10000	8.015562	49.79222	82.4078	60
2	60	70.93333	8.015562	54.62555	87.2411	60
3	120	77.65000	8.015562	61.34222	93.9578	60
4	180	84.00088	8.017789	67.68857	100.3132	59

**Time Point; LS Means**



**Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

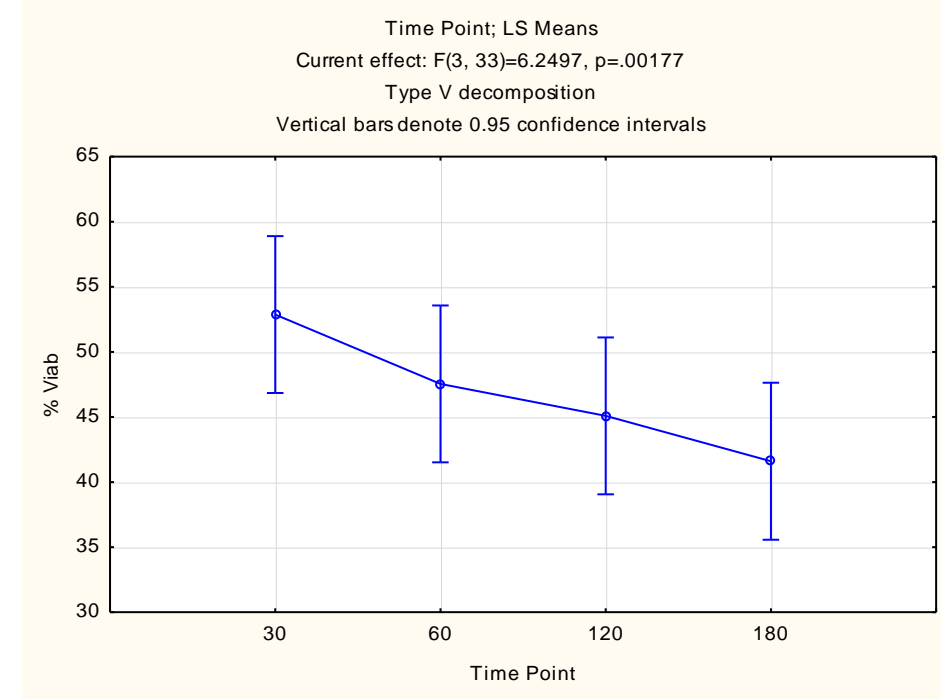
Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(3, 33)=6.2497, p=.00177$

Type V decomposition

Cell No.	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
1	30	52.86660	2.961995	46.84037	58.89282	60
2	60	47.54033	2.961995	41.51411	53.56656	60
3	120	45.08693	2.961995	39.06070	51.11315	60
4	180	41.60235	2.965371	35.56926	47.63545	59

**Time Point; LS Means**



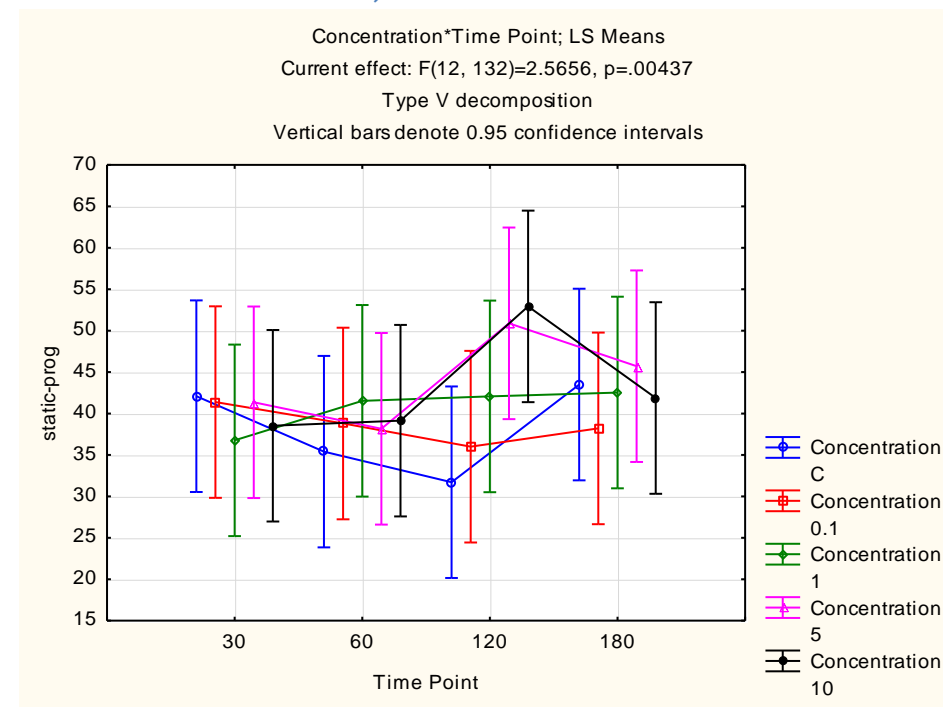
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.5656, p=.00437  
 Type V decomposition

Cell No.	Concentration	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	C	30	42.09167	5.842885	30.53386	53.64947	12
2	C	60	35.40000	5.842885	23.84220	46.95780	12
3	C	120	31.70833	5.842885	20.15053	43.26614	12
4	C	180	43.50000	5.842885	31.94220	55.05780	12
5	0.1	30	41.38333	5.842885	29.82553	52.94114	12
6	0.1	60	38.80000	5.842885	27.24220	50.35780	12
7	0.1	120	36.00000	5.842885	24.44220	47.55780	12
8	0.1	180	38.20833	5.842885	26.65053	49.76614	12
9	1	30	36.76667	5.842885	25.20886	48.32447	12
10	1	60	41.53333	5.842885	29.97553	53.09114	12

11	1	120	42.06667	5.842885	30.50886	53.62447	12
12	1	180	42.53333	5.842885	30.97553	54.09114	12
13	5	30	41.35833	5.842885	29.80053	52.91614	12
14	5	60	38.15833	5.842885	26.60053	49.71614	12
15	5	120	50.88333	5.842885	39.32553	62.44114	12
16	5	180	45.71667	5.842885	34.15886	57.27447	12
17	10	30	38.52500	5.842885	26.96720	50.08280	12
18	10	60	39.14167	5.842885	27.58386	50.69947	12
19	10	120	52.92500	5.842885	41.36720	64.48280	12
20	10	180	41.87500	5.842885	30.31720	53.43280	12

**Concentration\*Time Point; LS Means**



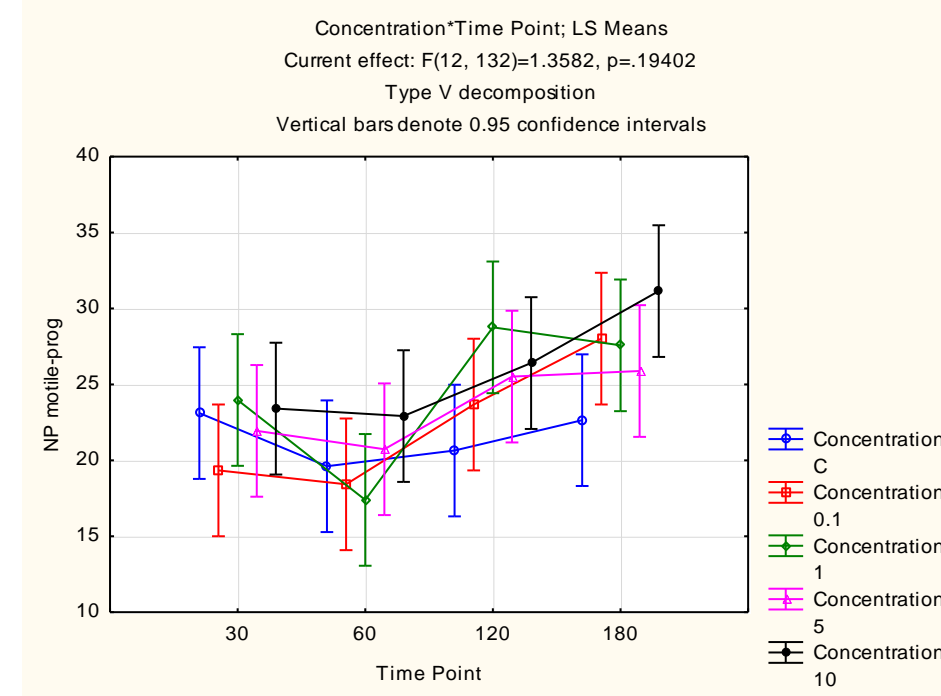
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=1.3582, p=.19402						
Type V decomposition						
Concentration	Time Point	NP motile-prog - Mean	NP motile-prog - Std.Err.	NP motile-prog - -95.00%	NP motile-prog - +95.00%	N

Cell No.							
1	C	30	23.11667	2.192018	18.78064	27.45270	12
2	C	60	19.61667	2.192018	15.28064	23.95270	12
3	C	120	20.65000	2.192018	16.31397	24.98603	12
4	C	180	22.65000	2.192018	18.31397	26.98603	12
5	0.1	30	19.34167	2.192018	15.00564	23.67770	12
6	0.1	60	18.42500	2.192018	14.08897	22.76103	12
7	0.1	120	23.67500	2.192018	19.33897	28.01103	12
8	0.1	180	28.01667	2.192018	23.68064	32.35270	12
9	1	30	23.97500	2.192018	19.63897	28.31103	12
10	1	60	17.40000	2.192018	13.06397	21.73603	12
11	1	120	28.75833	2.192018	24.42230	33.09436	12
12	1	180	27.57500	2.192018	23.23897	31.91103	12
13	5	30	21.94167	2.192018	17.60564	26.27770	12
14	5	60	20.73333	2.192018	16.39730	25.06936	12
15	5	120	25.51667	2.192018	21.18064	29.85270	12
16	5	180	25.88333	2.192018	21.54730	30.21936	12
17	10	30	23.40833	2.192018	19.07230	27.74436	12
18	10	60	22.91667	2.192018	18.58064	27.25270	12
19	10	120	26.40833	2.192018	22.07230	30.74436	12
20	10	180	31.15000	2.192018	26.81397	35.48603	12



**Concentration\*Time Point; LS Means**



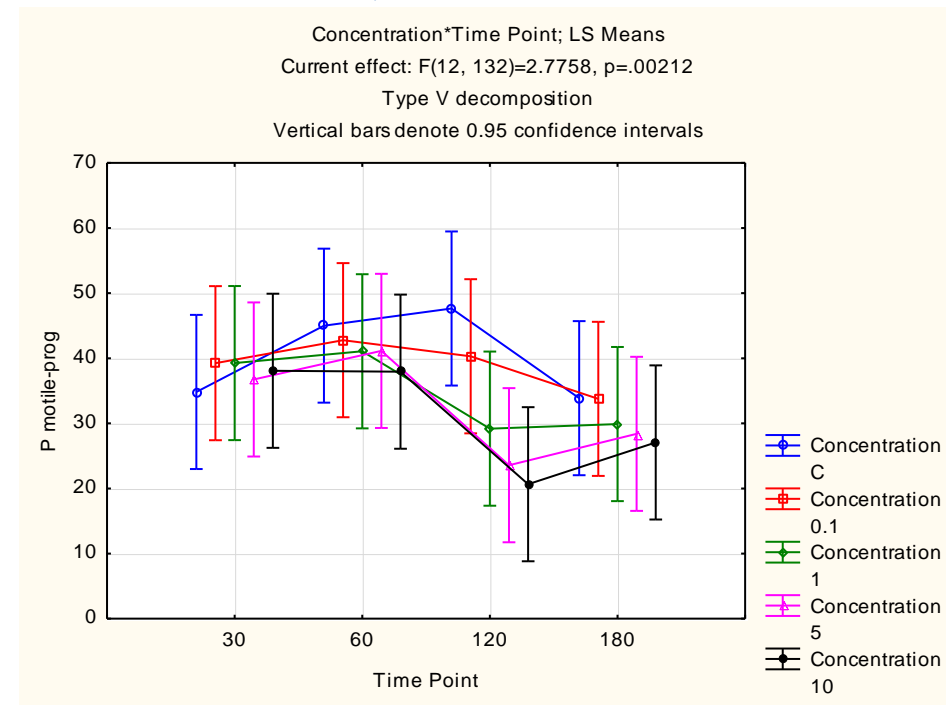
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.7758, p=.00212  
 Type V decomposition

Cell No.	Concentration	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	C	30	34.82500	5.982389	22.99124	46.65876	12
2	C	60	45.00833	5.982389	33.17458	56.84209	12
3	C	120	47.64167	5.982389	35.80791	59.47542	12
4	C	180	33.86667	5.982389	22.03291	45.70042	12
5	0.1	30	39.24167	5.982389	27.40791	51.07542	12
6	0.1	60	42.77500	5.982389	30.94124	54.60876	12
7	0.1	120	40.30833	5.982389	28.47458	52.14209	12
8	0.1	180	33.76667	5.982389	21.93291	45.60042	12
9	1	30	39.25833	5.982389	27.42458	51.09209	12
10	1	60	41.06667	5.982389	29.23291	52.90042	12

11	1	120	29.19167	5.982389	17.35791	41.02542	12
12	1	180	29.90000	5.982389	18.06624	41.73376	12
13	5	30	36.74167	5.982389	24.90791	48.57542	12
14	5	60	41.13333	5.982389	29.29958	52.96709	12
15	5	120	23.56667	5.982389	11.73291	35.40042	12
16	5	180	28.39167	5.982389	16.55791	40.22542	12
17	10	30	38.07500	5.982389	26.24124	49.90876	12
18	10	60	37.94167	5.982389	26.10791	49.77542	12
19	10	120	20.65833	5.982389	8.82458	32.49209	12
20	10	180	27.06667	5.982389	15.23291	38.90042	12

**Concentration\*Time Point; LS Means**

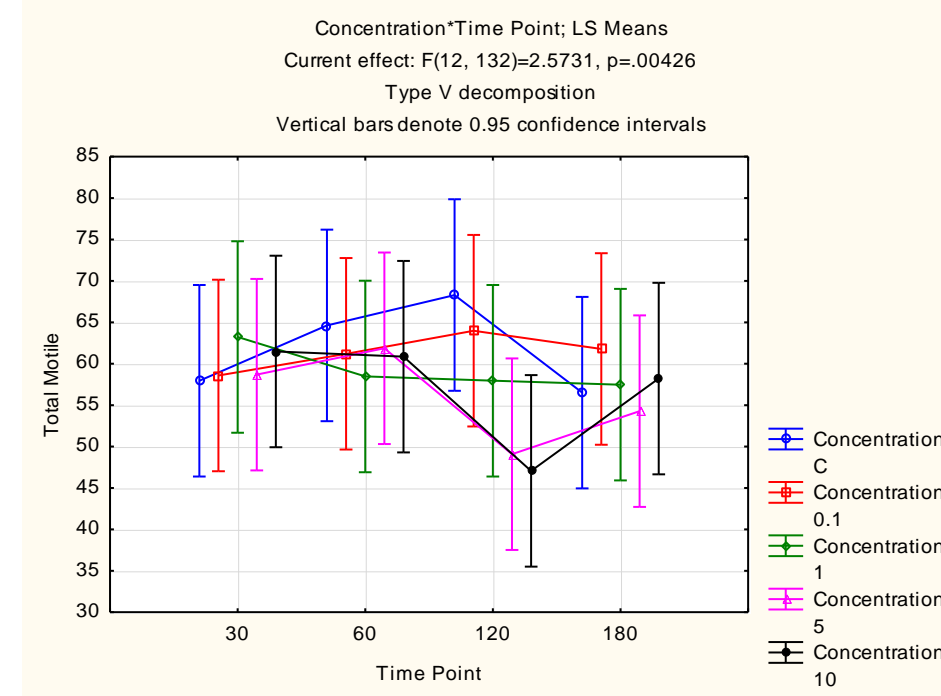


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=2.5731, p=.00426						
Type V decomposition						
Concentration	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N

Cell No.							
1	C	30	57.94167	5.844525	46.38062	69.50271	12
2	C	60	64.62500	5.844525	53.06395	76.18605	12
3	C	120	68.29167	5.844525	56.73062	79.85271	12
4	C	180	56.51667	5.844525	44.95562	68.07771	12
5	0.1	30	58.58333	5.844525	47.02229	70.14438	12
6	0.1	60	61.20000	5.844525	49.63895	72.76105	12
7	0.1	120	63.98333	5.844525	52.42229	75.54438	12
8	0.1	180	61.78333	5.844525	50.22229	73.34438	12
9	1	30	63.23333	5.844525	51.67229	74.79438	12
10	1	60	58.46667	5.844525	46.90562	70.02771	12
11	1	120	57.95000	5.844525	46.38895	69.51105	12
12	1	180	57.47500	5.844525	45.91395	69.03605	12
13	5	30	58.68333	5.844525	47.12229	70.24438	12
14	5	60	61.86667	5.844525	50.30562	73.42771	12
15	5	120	49.08333	5.844525	37.52229	60.64438	12
16	5	180	54.27500	5.844525	42.71395	65.83605	12
17	10	30	61.48333	5.844525	49.92229	73.04438	12
18	10	60	60.85833	5.844525	49.29729	72.41938	12
19	10	120	47.06667	5.844525	35.50562	58.62771	12
20	10	180	58.21667	5.844525	46.65562	69.77771	12

**Concentration\*Time Point; LS Means**



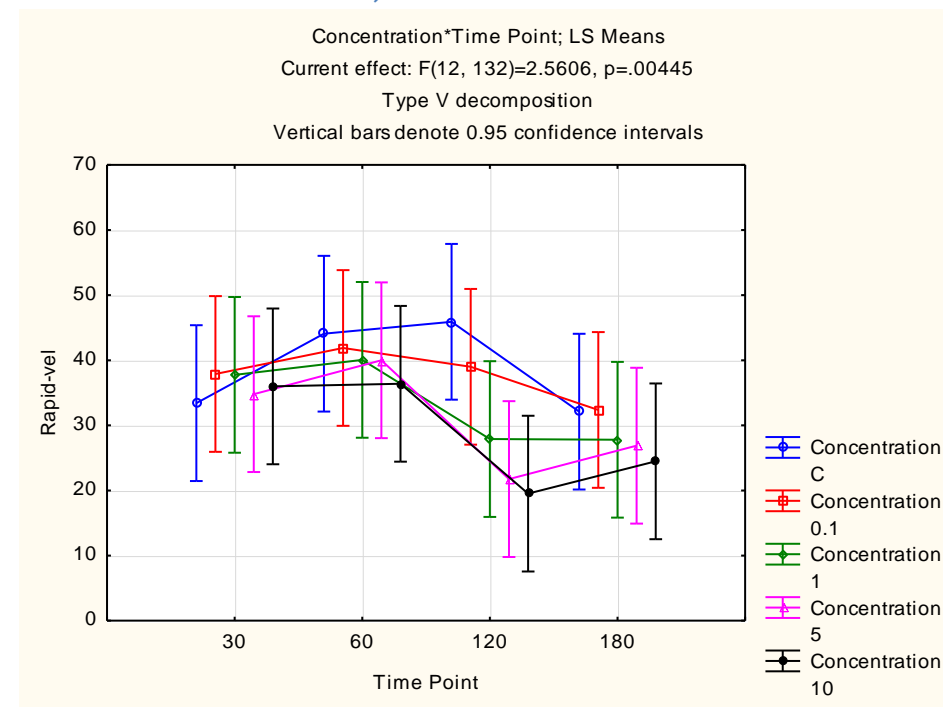
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.5606, p=.00445  
 Type V decomposition

Cell No.	Concentration	Time Point	Rapid-vel - Mean	Rapid-vel - Std.Err.	Rapid-vel - -95.00%	Rapid-vel - +95.00%	N
1	C	30	33.41667	6.047518	21.45408	45.37925	12
2	C	60	44.08333	6.047518	32.12075	56.04592	12
3	C	120	45.90833	6.047518	33.94575	57.87092	12
4	C	180	32.10833	6.047518	20.14575	44.07092	12
5	0.1	30	37.89167	6.047518	25.92908	49.85425	12
6	0.1	60	41.88333	6.047518	29.92075	53.84592	12
7	0.1	120	39.00000	6.047518	27.03741	50.96259	12
8	0.1	180	32.36667	6.047518	20.40408	44.32925	12
9	1	30	37.75833	6.047518	25.79575	49.72092	12
10	1	60	40.05833	6.047518	28.09575	52.02092	12

11	1	120	27.90000	6.047518	15.93741	39.86259	12
12	1	180	27.79167	6.047518	15.82908	39.75425	12
13	5	30	34.79167	6.047518	22.82908	46.75425	12
14	5	60	40.00000	6.047518	28.03741	51.96259	12
15	5	120	21.75000	6.047518	9.78741	33.71259	12
16	5	180	26.88333	6.047518	14.92075	38.84592	12
17	10	30	35.99167	6.047518	24.02908	47.95425	12
18	10	60	36.39167	6.047518	24.42908	48.35425	12
19	10	120	19.51667	6.047518	7.55408	31.47925	12
20	10	180	24.47500	6.047518	12.51241	36.43759	12

**Concentration\*Time Point; LS Means**

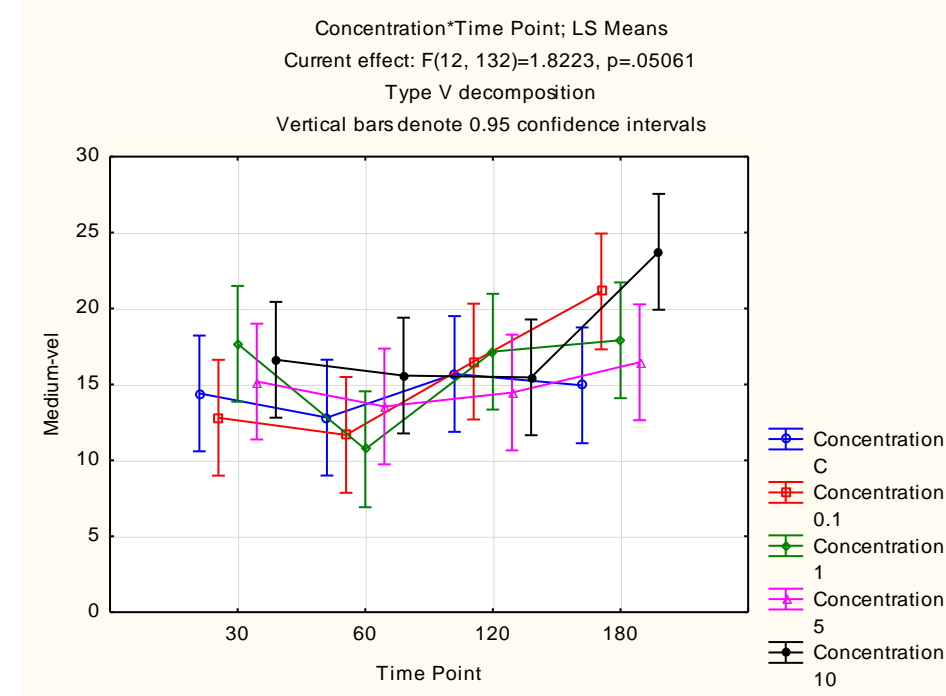


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=1.8223, p=.05061						
Type V decomposition						
Concentration	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N

Cell No.							
1	C	30	14.40833	1.927605	10.59534	18.22133	12
2	C	60	12.81667	1.927605	9.00367	16.62966	12
3	C	120	15.69167	1.927605	11.87867	19.50466	12
4	C	180	14.94167	1.927605	11.12867	18.75466	12
5	0.1	30	12.80833	1.927605	8.99534	16.62133	12
6	0.1	60	11.67500	1.927605	7.86201	15.48799	12
7	0.1	120	16.50833	1.927605	12.69534	20.32133	12
8	0.1	180	21.12500	1.927605	17.31201	24.93799	12
9	1	30	17.67500	1.927605	13.86201	21.48799	12
10	1	60	10.73333	1.927605	6.92034	14.54633	12
11	1	120	17.15833	1.927605	13.34534	20.97133	12
12	1	180	17.90833	1.927605	14.09534	21.72133	12
13	5	30	15.19167	1.927605	11.37867	19.00466	12
14	5	60	13.55000	1.927605	9.73701	17.36299	12
15	5	120	14.46667	1.927605	10.65367	18.27966	12
16	5	180	16.45833	1.927605	12.64534	20.27133	12
17	10	30	16.62500	1.927605	12.81201	20.43799	12
18	10	60	15.58333	1.927605	11.77034	19.39633	12
19	10	120	15.46667	1.927605	11.65367	19.27966	12
20	10	180	23.73333	1.927605	19.92034	27.54633	12

**Concentration\*Time Point; LS Means**



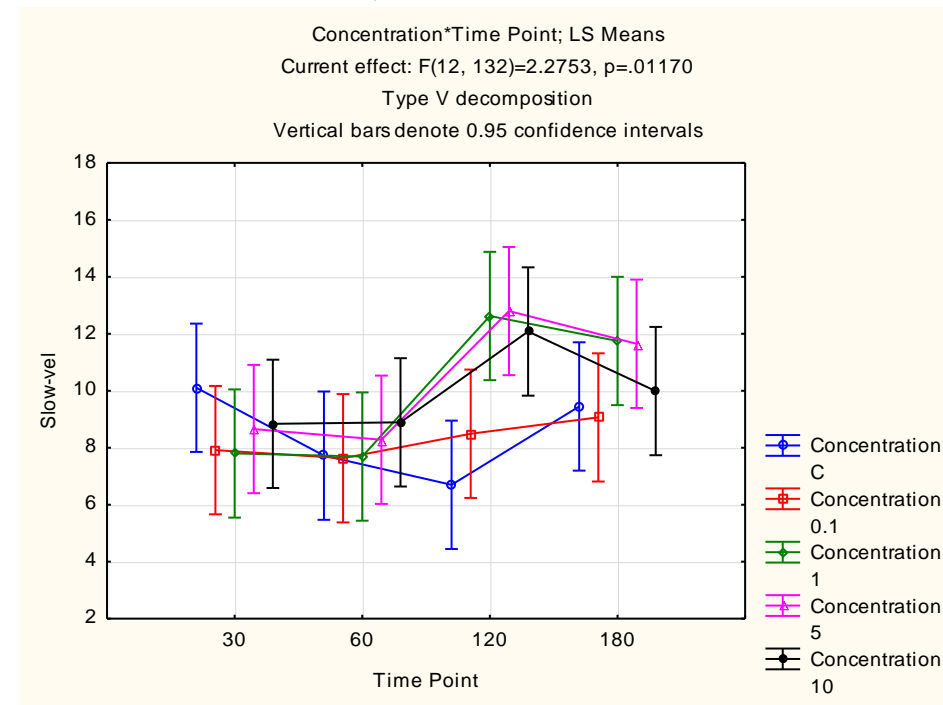
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect:  $F(12, 132)=2.2753, p=.01170$   
 Type V decomposition

Cell No.	Concentration	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	C	30	10.10833	1.138573	7.85612	12.36054	12
2	C	60	7.72500	1.138573	5.47279	9.97721	12
3	C	120	6.70000	1.138573	4.44779	8.95221	12
4	C	180	9.45000	1.138573	7.19779	11.70221	12
5	0.1	30	7.91667	1.138573	5.66446	10.16888	12
6	0.1	60	7.63333	1.138573	5.38112	9.88554	12
7	0.1	120	8.49167	1.138573	6.23946	10.74388	12
8	0.1	180	9.06667	1.138573	6.81446	11.31888	12
9	1	30	7.80000	1.138573	5.54779	10.05221	12
10	1	60	7.69167	1.138573	5.43946	9.94388	12

11	1	120	12.62500	1.138573	10.37279	14.87721	12
12	1	180	11.75000	1.138573	9.49779	14.00221	12
13	5	30	8.65833	1.138573	6.40612	10.91054	12
14	5	60	8.28333	1.138573	6.03112	10.53554	12
15	5	120	12.80000	1.138573	10.54779	15.05221	12
16	5	180	11.65000	1.138573	9.39779	13.90221	12
17	10	30	8.84167	1.138573	6.58946	11.09388	12
18	10	60	8.89167	1.138573	6.63946	11.14388	12
19	10	120	12.08333	1.138573	9.83112	14.33554	12
20	10	180	9.99167	1.138573	7.73946	12.24388	12

**Concentration\*Time Point; LS Means**



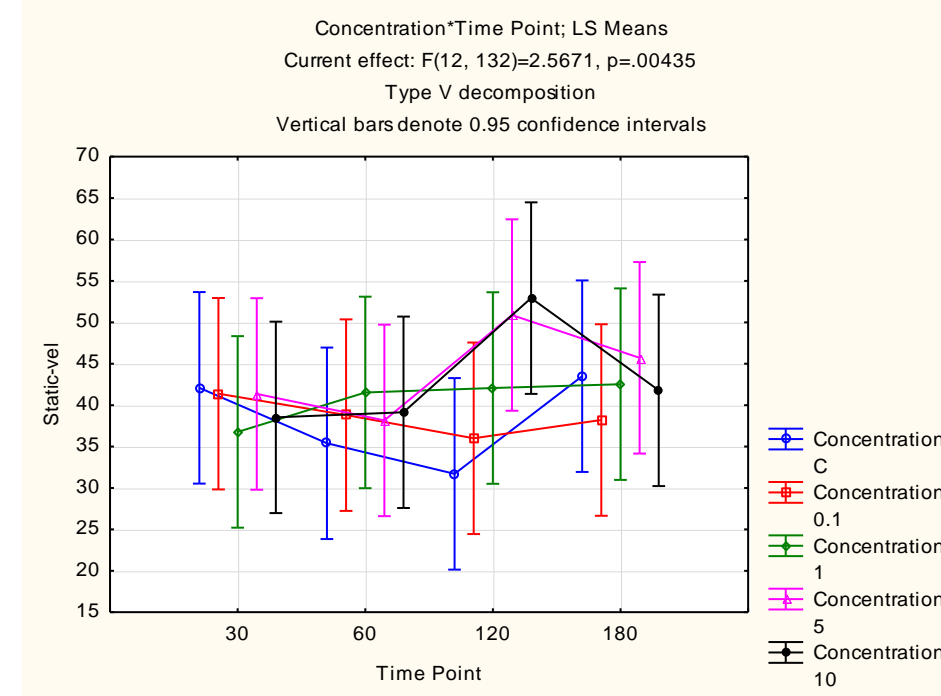
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=2.5671, p=.00435						
Type V decomposition						
Concentration	Time Point	Static-vel - Mean	Static-vel - Std.Err.	Static-vel - -95.00%	Static-vel - +95.00%	N



Cell No.							
1	C	30	42.09167	5.843590	30.53247	53.65086	12
2	C	60	35.40000	5.843590	23.84080	46.95920	12
3	C	120	31.70833	5.843590	20.14914	43.26753	12
4	C	180	43.50000	5.843590	31.94080	55.05920	12
5	0.1	30	41.38333	5.843590	29.82414	52.94253	12
6	0.1	60	38.80000	5.843590	27.24080	50.35920	12
7	0.1	120	36.00000	5.843590	24.44080	47.55920	12
8	0.1	180	38.20833	5.843590	26.64914	49.76753	12
9	1	30	36.76667	5.843590	25.20747	48.32586	12
10	1	60	41.53333	5.843590	29.97414	53.09253	12
11	1	120	42.06667	5.843590	30.50747	53.62586	12
12	1	180	42.53333	5.843590	30.97414	54.09253	12
13	5	30	41.35833	5.843590	29.79914	52.91753	12
14	5	60	38.15833	5.843590	26.59914	49.71753	12
15	5	120	50.87500	5.843590	39.31580	62.43420	12
16	5	180	45.71667	5.843590	34.15747	57.27586	12
17	10	30	38.52500	5.843590	26.96580	50.08420	12
18	10	60	39.14167	5.843590	27.58247	50.70086	12
19	10	120	52.92500	5.843590	41.36580	64.48420	12
20	10	180	41.79167	5.843590	30.23247	53.35086	12

**Concentration\*Time Point; LS Means**



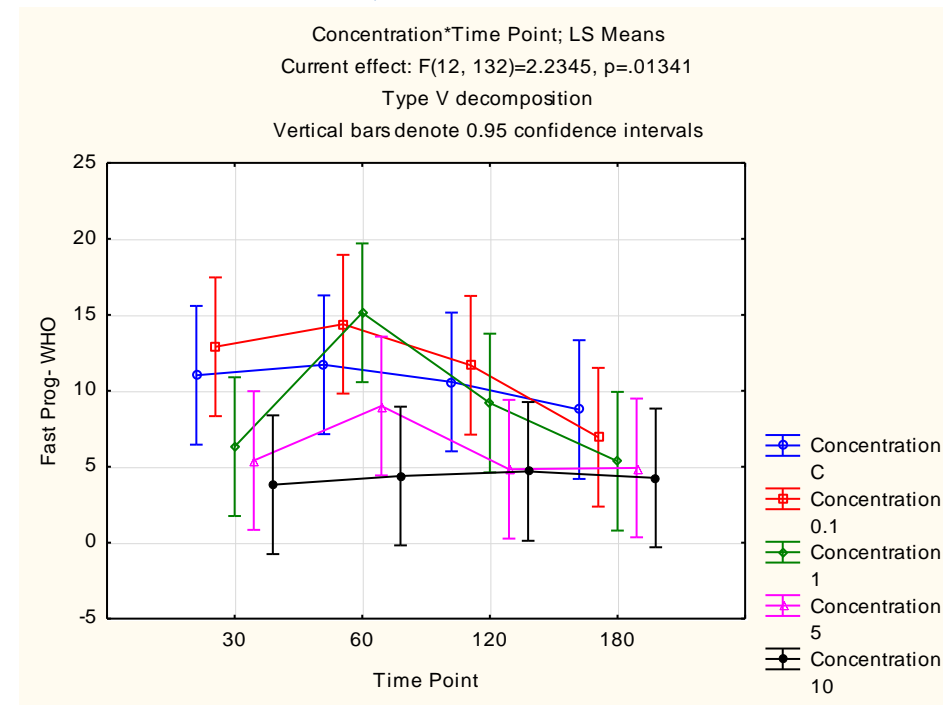
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.2345, p=.01341  
 Type V decomposition

Cell No.	Concentration	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	C	30	11.02500	2.308326	6.45890	15.59110	12
2	C	60	11.71667	2.308326	7.15057	16.28276	12
3	C	120	10.58333	2.308326	6.01724	15.14943	12
4	C	180	8.76667	2.308326	4.20057	13.33276	12
5	0.1	30	12.90000	2.308326	8.33390	17.46610	12
6	0.1	60	14.38333	2.308326	9.81724	18.94943	12
7	0.1	120	11.68333	2.308326	7.11724	16.24943	12
8	0.1	180	6.94167	2.308326	2.37557	11.50776	12
9	1	30	6.32500	2.308326	1.75890	10.89110	12
10	1	60	15.13333	2.308326	10.56724	19.69943	12

11	1	120	9.19167	2.308326	4.62557	13.75776	12
12	1	180	5.36667	2.308326	0.80057	9.93276	12
13	5	30	5.40833	2.308326	0.84224	9.97443	12
14	5	60	9.00000	2.308326	4.43390	13.56610	12
15	5	120	4.84167	2.308326	0.27557	9.40776	12
16	5	180	4.92500	2.308326	0.35890	9.49110	12
17	10	30	3.81667	2.308326	-0.74943	8.38276	12
18	10	60	4.39167	2.308326	-0.17443	8.95776	12
19	10	120	4.69167	2.308326	0.12557	9.25776	12
20	10	180	4.26667	2.308326	-0.29943	8.83276	12

**Concentration\*Time Point; LS Means**

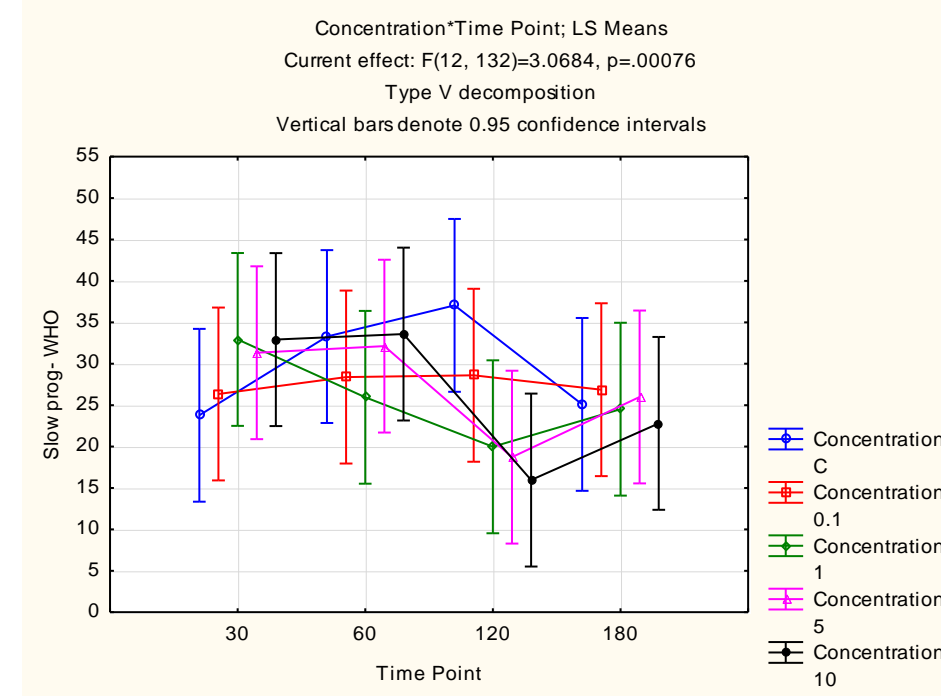


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=3.0684, p=.00076						
Type V decomposition						
Concentration	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N

Cell No.							
1	C	30	23.78333	5.274995	13.34887	34.21780	12
2	C	60	33.28333	5.274995	22.84887	43.71780	12
3	C	120	37.05000	5.274995	26.61554	47.48446	12
4	C	180	25.09167	5.274995	14.65720	35.52613	12
5	0.1	30	26.35000	5.274995	15.91554	36.78446	12
6	0.1	60	28.39167	5.274995	17.95720	38.82613	12
7	0.1	120	28.60833	5.274995	18.17387	39.04280	12
8	0.1	180	26.86667	5.274995	16.43220	37.30113	12
9	1	30	32.93333	5.274995	22.49887	43.36780	12
10	1	60	25.95000	5.274995	15.51554	36.38446	12
11	1	120	19.97500	5.274995	9.54054	30.40946	12
12	1	180	24.51667	5.274995	14.08220	34.95113	12
13	5	30	31.33333	5.274995	20.89887	41.76780	12
14	5	60	32.12500	5.274995	21.69054	42.55946	12
15	5	120	18.72500	5.274995	8.29054	29.15946	12
16	5	180	25.98333	5.274995	15.54887	36.41780	12
17	10	30	32.91667	5.274995	22.48220	43.35113	12
18	10	60	33.58333	5.274995	23.14887	44.01780	12
19	10	120	15.95833	5.274995	5.52387	26.39280	12
20	10	180	22.80000	5.274995	12.36554	33.23446	12

**Concentration\*Time Point; LS Means**



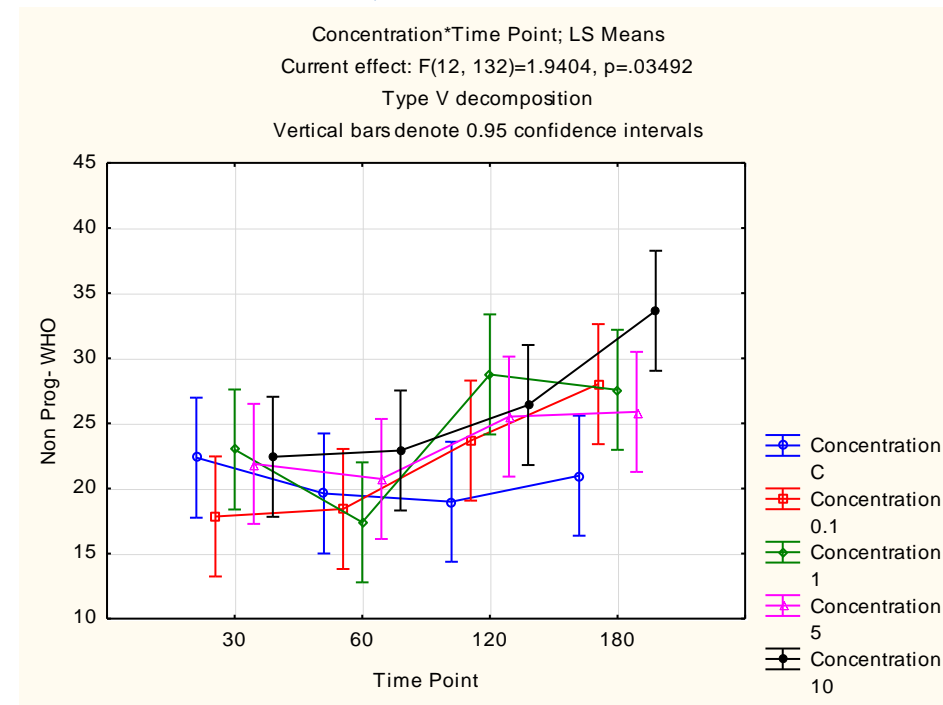
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=1.9404, p=.03492  
 Type V decomposition

Cell No.	Concentration	Time Point	Non Prog- WHO - Mean	Non Prog- WHO - Std.Err.	Non Prog- WHO - -95.00%	Non Prog- WHO - +95.00%	N
1	C	30	22.36667	2.329851	17.75799	26.97534	12
2	C	60	19.61667	2.329851	15.00799	24.22534	12
3	C	120	18.98333	2.329851	14.37466	23.59201	12
4	C	180	20.98333	2.329851	16.37466	25.59201	12
5	0.1	30	17.85000	2.329851	13.24132	22.45868	12
6	0.1	60	18.42500	2.329851	13.81632	23.03368	12
7	0.1	120	23.67500	2.329851	19.06632	28.28368	12
8	0.1	180	28.01667	2.329851	23.40799	32.62534	12
9	1	30	22.99167	2.329851	18.38299	27.60034	12
10	1	60	17.40000	2.329851	12.79132	22.00868	12

11	1	120	28.75833	2.329851	24.14966	33.36701	12
12	1	180	27.57500	2.329851	22.96632	32.18368	12
13	5	30	21.89167	2.329851	17.28299	26.50034	12
14	5	60	20.73333	2.329851	16.12466	25.34201	12
15	5	120	25.51667	2.329851	20.90799	30.12534	12
16	5	180	25.88333	2.329851	21.27466	30.49201	12
17	10	30	22.43333	2.329851	17.82466	27.04201	12
18	10	60	22.91667	2.329851	18.30799	27.52534	12
19	10	120	26.40833	2.329851	21.79966	31.01701	12
20	10	180	33.65000	2.329851	29.04132	38.25868	12

**Concentration\*Time Point; LS Means**

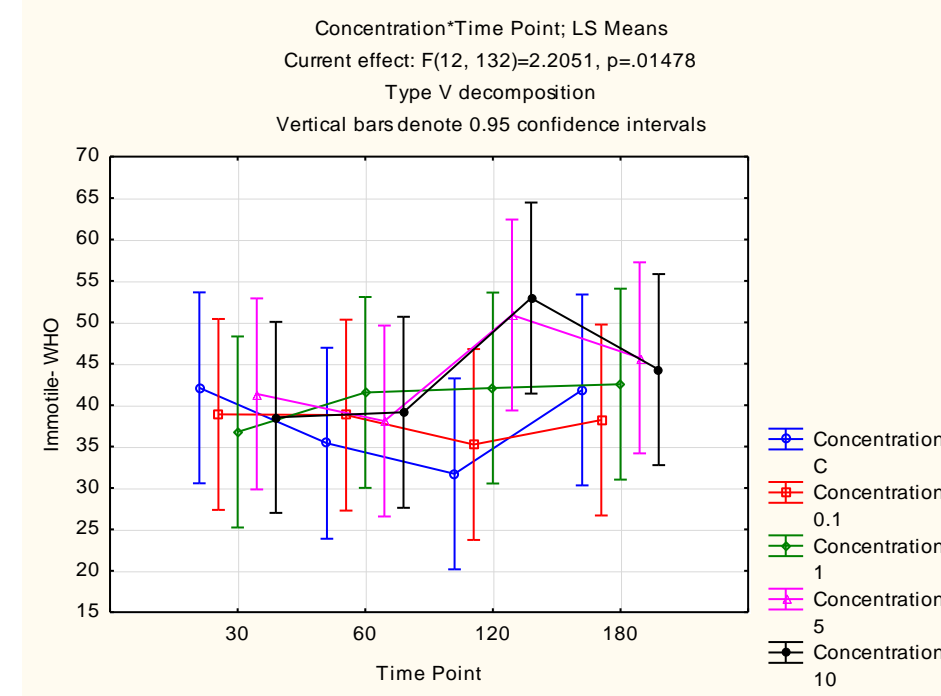


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=2.2051, p=.01478						
Type V decomposition						
Concentration	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N

Cell No.							
1	C	30	42.09167	5.827412	30.56447	53.61886	12
2	C	60	35.40000	5.827412	23.87280	46.92720	12
3	C	120	31.70833	5.827412	20.18114	43.23553	12
4	C	180	41.83333	5.827412	30.30614	53.36053	12
5	0.1	30	38.88333	5.827412	27.35614	50.41053	12
6	0.1	60	38.80000	5.827412	27.27280	50.32720	12
7	0.1	120	35.25000	5.827412	23.72280	46.77720	12
8	0.1	180	38.20833	5.827412	26.68114	49.73553	12
9	1	30	36.76667	5.827412	25.23947	48.29386	12
10	1	60	41.53333	5.827412	30.00614	53.06053	12
11	1	120	42.06667	5.827412	30.53947	53.59386	12
12	1	180	42.53333	5.827412	31.00614	54.06053	12
13	5	30	41.35833	5.827412	29.83114	52.88553	12
14	5	60	38.08333	5.827412	26.55614	49.61053	12
15	5	120	50.88333	5.827412	39.35614	62.41053	12
16	5	180	45.71667	5.827412	34.18947	57.24386	12
17	10	30	38.52500	5.827412	26.99780	50.05220	12
18	10	60	39.14167	5.827412	27.61447	50.66886	12
19	10	120	52.92500	5.827412	41.39780	64.45220	12
20	10	180	44.29167	5.827412	32.76447	55.81886	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

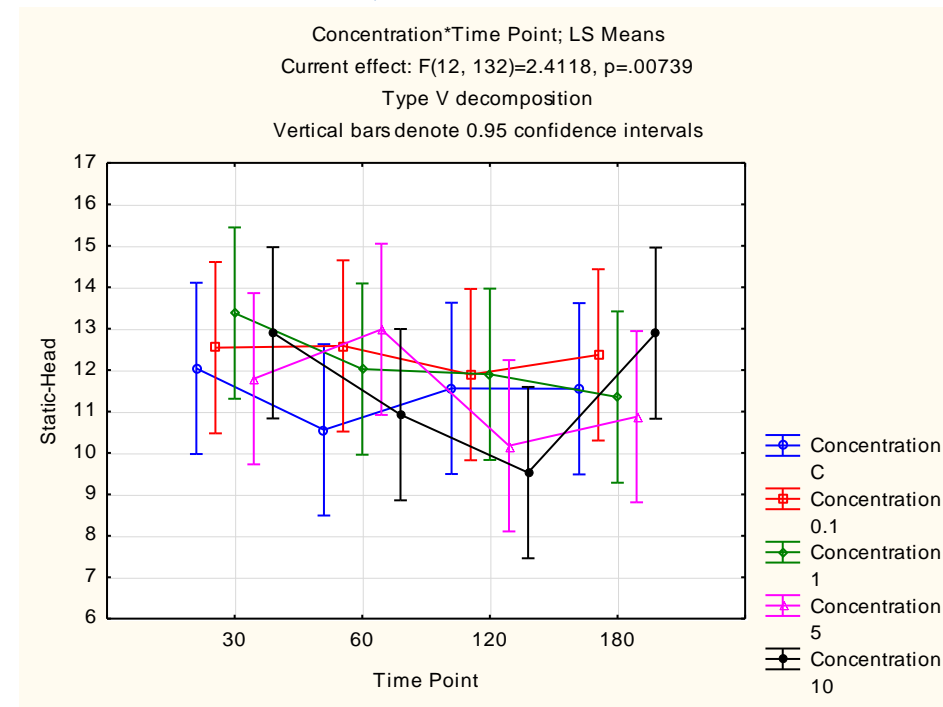
Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.4118, p=.00739  
 Type V decomposition

Cell No.	Concentration	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	C	30	12.04167	1.044970	9.97461	14.10872	12
2	C	60	10.55833	1.044970	8.49128	12.62539	12
3	C	120	11.55833	1.044970	9.49128	13.62539	12
4	C	180	11.55000	1.044970	9.48295	13.61705	12
5	0.1	30	12.54167	1.044970	10.47461	14.60872	12
6	0.1	60	12.58333	1.044970	10.51628	14.65039	12
7	0.1	120	11.89167	1.044970	9.82461	13.95872	12
8	0.1	180	12.36667	1.044970	10.29961	14.43372	12
9	1	30	13.37500	1.044970	11.30795	15.44205	12
10	1	60	12.02500	1.044970	9.95795	14.09205	12



11	1	120	11.90000	1.044970	9.83295	13.96705	12
12	1	180	11.35000	1.044970	9.28295	13.41705	12
13	5	30	11.79167	1.044970	9.72461	13.85872	12
14	5	60	12.98333	1.044970	10.91628	15.05039	12
15	5	120	10.17500	1.044970	8.10795	12.24205	12
16	5	180	10.87500	1.044970	8.80795	12.94205	12
17	10	30	12.90000	1.044970	10.83295	14.96705	12
18	10	60	10.92500	1.044970	8.85795	12.99205	12
19	10	120	9.52500	1.044970	7.45795	11.59205	12
20	10	180	12.89167	1.044970	10.82461	14.95872	12

**Concentration\*Time Point; LS Means**

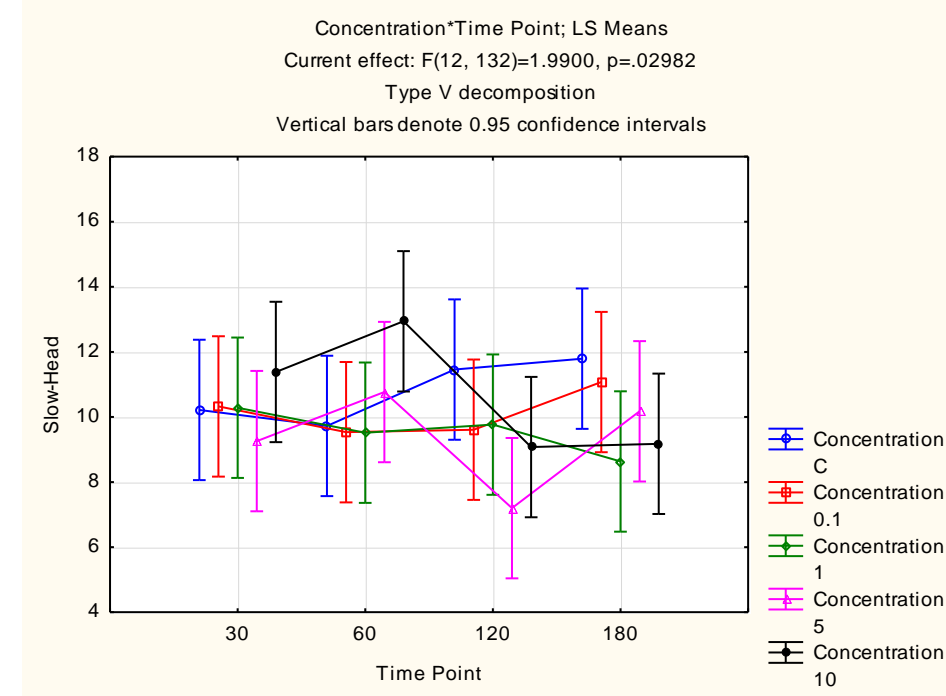


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=1.9900, p=.02982						
Type V decomposition						
Concentration	Time Point	Slow-Head - Mean	Slow-Head - Std.Err.	Slow-Head - -95.00%	Slow-Head - +95.00%	N

Cell No.							
1	C	30	10.21667	1.090363	8.05982	12.37351	12
2	C	60	9.72500	1.090363	7.56815	11.88185	12
3	C	120	11.45833	1.090363	9.30149	13.61518	12
4	C	180	11.79167	1.090363	9.63482	13.94851	12
5	0.1	30	10.32500	1.090363	8.16815	12.48185	12
6	0.1	60	9.53333	1.090363	7.37649	11.69018	12
7	0.1	120	9.60833	1.090363	7.45149	11.76518	12
8	0.1	180	11.07500	1.090363	8.91815	13.23185	12
9	1	30	10.28333	1.090363	8.12649	12.44018	12
10	1	60	9.51667	1.090363	7.35982	11.67351	12
11	1	120	9.76667	1.090363	7.60982	11.92351	12
12	1	180	8.63333	1.090363	6.47649	10.79018	12
13	5	30	9.25833	1.090363	7.10149	11.41518	12
14	5	60	10.76667	1.090363	8.60982	12.92351	12
15	5	120	7.20000	1.090363	5.04315	9.35685	12
16	5	180	10.17500	1.090363	8.01815	12.33185	12
17	10	30	11.38333	1.090363	9.22649	13.54018	12
18	10	60	12.94167	1.090363	10.78482	15.09851	12
19	10	120	9.07500	1.090363	6.91815	11.23185	12
20	10	180	9.17500	1.090363	7.01815	11.33185	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

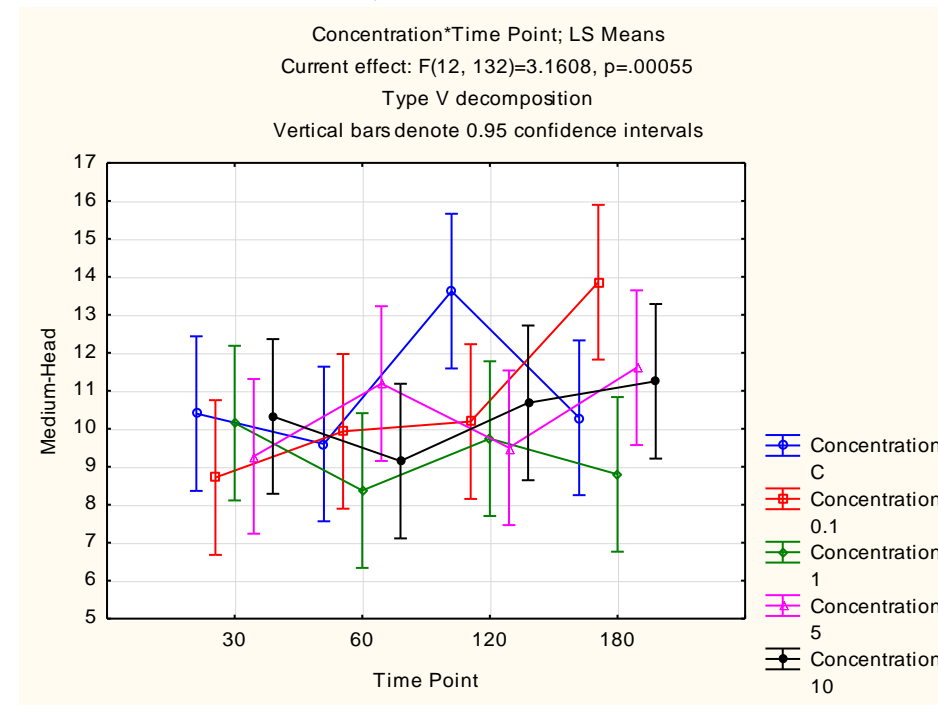
Current effect: F(12, 132)=3.1608, p=.00055

Type V decomposition

Cell No.	Concentration	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	C	30	10.40000	1.029628	8.36329	12.43671	12
2	C	60	9.60000	1.029628	7.56329	11.63671	12
3	C	120	13.62500	1.029628	11.58829	15.66171	12
4	C	180	10.29167	1.029628	8.25496	12.32837	12
5	0.1	30	8.71667	1.029628	6.67996	10.75337	12
6	0.1	60	9.93333	1.029628	7.89663	11.97004	12
7	0.1	120	10.19167	1.029628	8.15496	12.22837	12
8	0.1	180	13.85833	1.029628	11.82163	15.89504	12
9	1	30	10.15000	1.029628	8.11329	12.18671	12
10	1	60	8.37500	1.029628	6.33829	10.41171	12

11	1	120	9.74167	1.029628	7.70496	11.77837	12
12	1	180	8.80000	1.029628	6.76329	10.83671	12
13	5	30	9.27500	1.029628	7.23829	11.31171	12
14	5	60	11.19167	1.029628	9.15496	13.22837	12
15	5	120	9.50000	1.029628	7.46329	11.53671	12
16	5	180	11.60833	1.029628	9.57163	13.64504	12
17	10	30	10.32500	1.029628	8.28829	12.36171	12
18	10	60	9.15000	1.029628	7.11329	11.18671	12
19	10	120	10.68333	1.029628	8.64663	12.72004	12
20	10	180	11.25000	1.029628	9.21329	13.28671	12

**Concentration\*Time Point; LS Means**

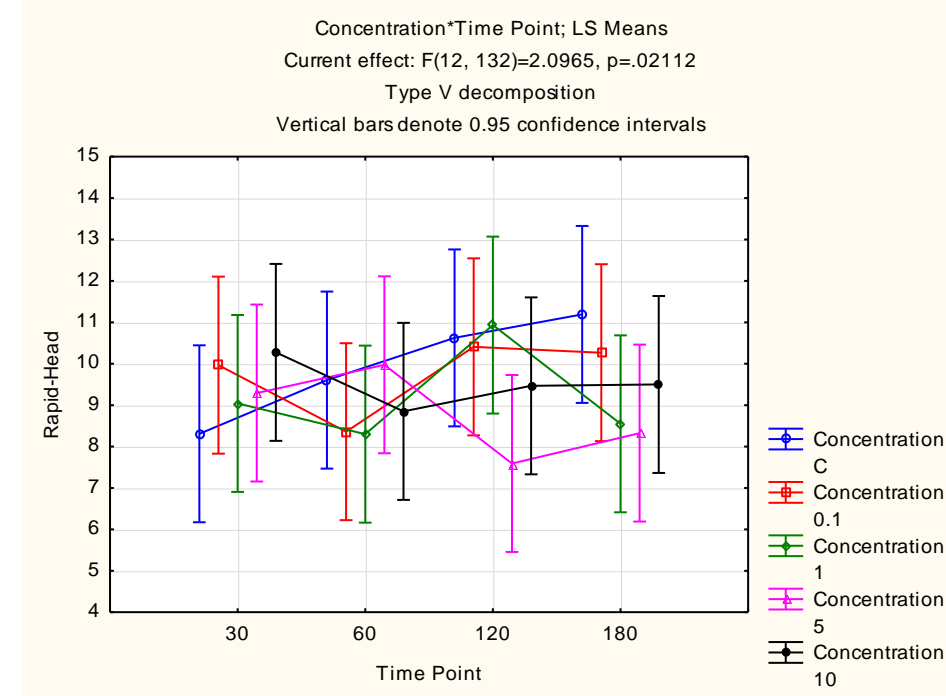


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=2.0965, p=.02112						
Type V decomposition						
Concentration	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N

Cell No.							
1	C	30	8.30833	1.079943	6.172100	10.44457	12
2	C	60	9.60500	1.079943	7.468767	11.74123	12
3	C	120	10.62500	1.079943	8.488767	12.76123	12
4	C	180	11.19167	1.079943	9.055434	13.32790	12
5	0.1	30	9.96667	1.079943	7.830434	12.10290	12
6	0.1	60	8.35833	1.079943	6.222100	10.49457	12
7	0.1	120	10.40833	1.079943	8.272100	12.54457	12
8	0.1	180	10.26667	1.079943	8.130434	12.40290	12
9	1	30	9.04167	1.079943	6.905434	11.17790	12
10	1	60	8.30000	1.079943	6.163767	10.43623	12
11	1	120	10.93333	1.079943	8.797100	13.06957	12
12	1	180	8.55000	1.079943	6.413767	10.68623	12
13	5	30	9.29167	1.079943	7.155434	11.42790	12
14	5	60	9.97500	1.079943	7.838767	12.11123	12
15	5	120	7.59167	1.079943	5.455434	9.72790	12
16	5	180	8.32500	1.079943	6.188767	10.46123	12
17	10	30	10.27500	1.079943	8.138767	12.41123	12
18	10	60	8.85000	1.079943	6.713767	10.98623	12
19	10	120	9.46667	1.079943	7.330434	11.60290	12
20	10	180	9.50000	1.079943	7.363767	11.63623	12

**Concentration\*Time Point; LS Means**



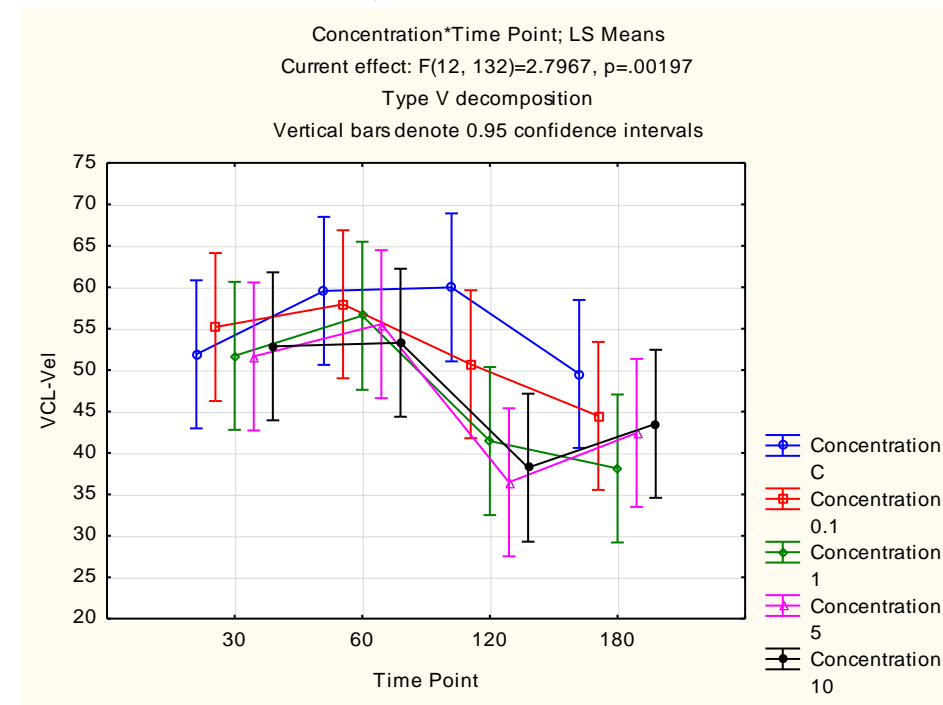
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.7967, p=.00197  
 Type V decomposition

Cell No.	Concentration	Time Point	VCL-Vel - Mean	VCL-Vel - Std.Err.	VCL-Vel - -95.00%	VCL-Vel - +95.00%	N
1	C	30	51.90833	4.515187	42.97685	60.83982	12
2	C	60	59.55833	4.515187	50.62685	68.48982	12
3	C	120	59.98333	4.515187	51.05185	68.91482	12
4	C	180	49.54167	4.515187	40.61018	58.47315	12
5	0.1	30	55.20000	4.515187	46.26851	64.13149	12
6	0.1	60	57.94167	4.515187	49.01018	66.87315	12
7	0.1	120	50.70833	4.515187	41.77685	59.63982	12
8	0.1	180	44.46667	4.515187	35.53518	53.39815	12
9	1	30	51.72500	4.515187	42.79351	60.65649	12
10	1	60	56.55833	4.515187	47.62685	65.48982	12

11	1	120	41.43333	4.515187	32.50185	50.36482	12
12	1	180	38.13333	4.515187	29.20185	47.06482	12
13	5	30	51.65000	4.515187	42.71851	60.58149	12
14	5	60	55.55000	4.515187	46.61851	64.48149	12
15	5	120	36.46667	4.515187	27.53518	45.39815	12
16	5	180	42.41667	4.515187	33.48518	51.34815	12
17	10	30	52.86667	4.515187	43.93518	61.79815	12
18	10	60	53.30000	4.515187	44.36851	62.23149	12
19	10	120	38.22500	4.515187	29.29351	47.15649	12
20	10	180	43.51667	4.515187	34.58518	52.44815	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.3219, p=.01001

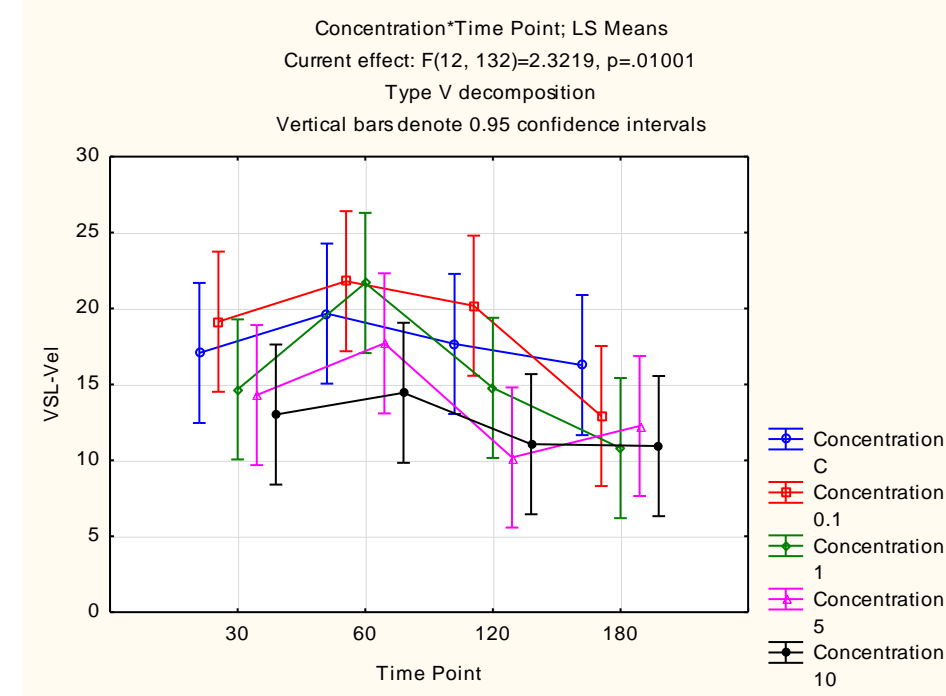
Type V decomposition

Concentration	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
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Cell No.							
1	C	30	17.07500	2.332465	12.46115	21.68885	12
2	C	60	19.66667	2.332465	15.05282	24.28051	12
3	C	120	17.66667	2.332465	13.05282	22.28051	12
4	C	180	16.27500	2.332465	11.66115	20.88885	12
5	0.1	30	19.13333	2.332465	14.51949	23.74718	12
6	0.1	60	21.80000	2.332465	17.18615	26.41385	12
7	0.1	120	20.18333	2.332465	15.56949	24.79718	12
8	0.1	180	12.91667	2.332465	8.30282	17.53051	12
9	1	30	14.67500	2.332465	10.06115	19.28885	12
10	1	60	21.68333	2.332465	17.06949	26.29718	12
11	1	120	14.77500	2.332465	10.16115	19.38885	12
12	1	180	10.80833	2.332465	6.19449	15.42218	12
13	5	30	14.30000	2.332465	9.68615	18.91385	12
14	5	60	17.70833	2.332465	13.09449	22.32218	12
15	5	120	10.19167	2.332465	5.57782	14.80551	12
16	5	180	12.26667	2.332465	7.65282	16.88051	12
17	10	30	13.01667	2.332465	8.40282	17.63051	12
18	10	60	14.45000	2.332465	9.83615	19.06385	12
19	10	120	11.06667	2.332465	6.45282	15.68051	12
20	10	180	10.94167	2.332465	6.32782	15.55551	12



**Concentration\*Time Point; LS Means**



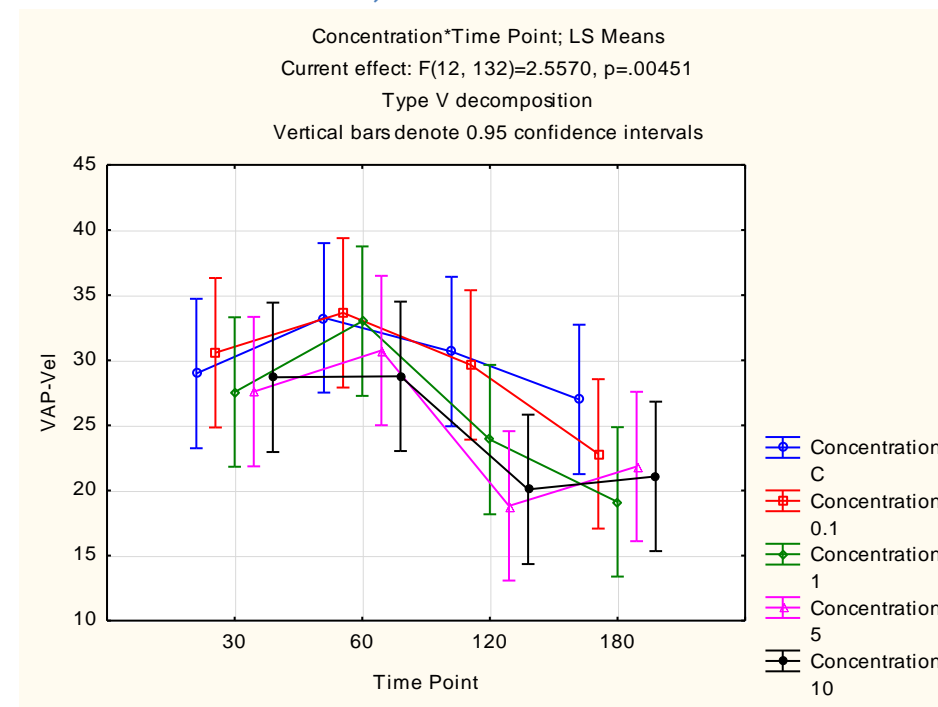
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.5570, p=.00451  
 Type V decomposition

Cell No.	Concentration	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	C	30	28.98333	2.900431	23.24599	34.72067	12
2	C	60	33.25833	2.900431	27.52099	38.99567	12
3	C	120	30.66667	2.900431	24.92933	36.40401	12
4	C	180	26.99167	2.900431	21.25433	32.72901	12
5	0.1	30	30.57500	2.900431	24.83766	36.31234	12
6	0.1	60	33.64167	2.900431	27.90433	39.37901	12
7	0.1	120	29.64167	2.900431	23.90433	35.37901	12
8	0.1	180	22.80833	2.900431	17.07099	28.54567	12
9	1	30	27.55833	2.900431	21.82099	33.29567	12
10	1	60	33.00000	2.900431	27.26266	38.73734	12

11	1	120	23.90833	2.900431	18.17099	29.64567	12
12	1	180	19.12500	2.900431	13.38766	24.86234	12
13	5	30	27.59167	2.900431	21.85433	33.32901	12
14	5	60	30.75000	2.900431	25.01266	36.48734	12
15	5	120	18.81667	2.900431	13.07933	24.55401	12
16	5	180	21.84167	2.900431	16.10433	27.57901	12
17	10	30	28.69167	2.900431	22.95433	34.42901	12
18	10	60	28.76667	2.900431	23.02933	34.50401	12
19	10	120	20.08333	2.900431	14.34599	25.82067	12
20	10	180	21.08333	2.900431	15.34599	26.82067	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

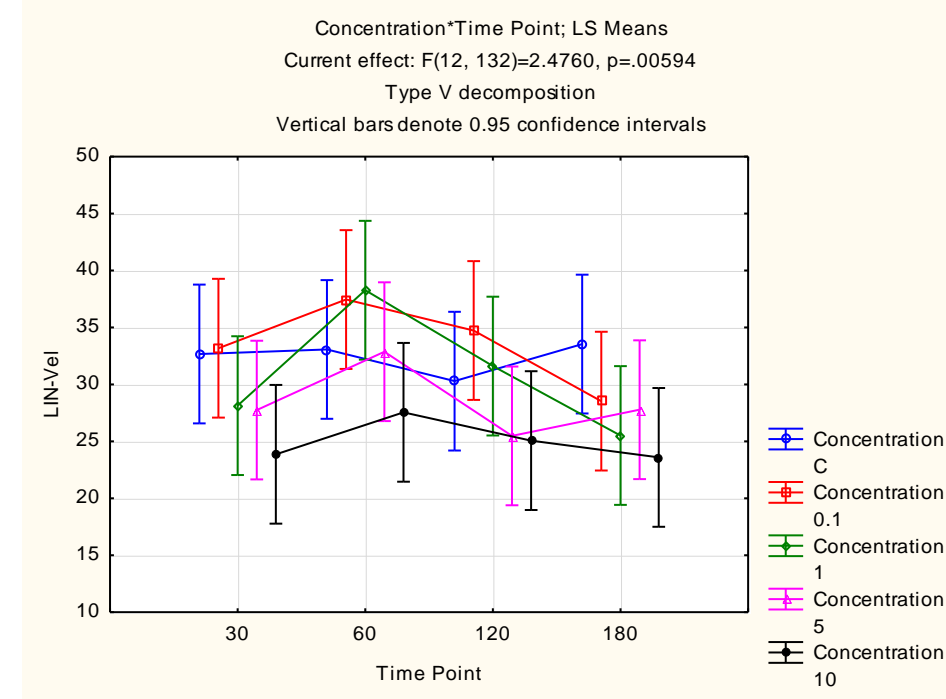
Current effect: F(12, 132)=2.4760, p=.00594

Type V decomposition

Concentration	Time Point	LIN-Vel - Mean	LIN-Vel - Std.Err.	LIN-Vel - -95.00%	LIN-Vel - +95.00%	N
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Cell No.							
1	C	30	32.67500	3.079340	26.58376	38.76624	12
2	C	60	33.07500	3.079340	26.98376	39.16624	12
3	C	120	30.29167	3.079340	24.20043	36.38290	12
4	C	180	33.54167	3.079340	27.45043	39.63290	12
5	0.1	30	33.18333	3.079340	27.09210	39.27457	12
6	0.1	60	37.45833	3.079340	31.36710	43.54957	12
7	0.1	120	34.73333	3.079340	28.64210	40.82457	12
8	0.1	180	28.53333	3.079340	22.44210	34.62457	12
9	1	30	28.14167	3.079340	22.05043	34.23290	12
10	1	60	38.27500	3.079340	32.18376	44.36624	12
11	1	120	31.61667	3.079340	25.52543	37.70790	12
12	1	180	25.51667	3.079340	19.42543	31.60790	12
13	5	30	27.75000	3.079340	21.65876	33.84124	12
14	5	60	32.87500	3.079340	26.78376	38.96624	12
15	5	120	25.48333	3.079340	19.39210	31.57457	12
16	5	180	27.78333	3.079340	21.69210	33.87457	12
17	10	30	23.86667	3.079340	17.77543	29.95790	12
18	10	60	27.55000	3.079340	21.45876	33.64124	12
19	10	120	25.06667	3.079340	18.97543	31.15790	12
20	10	180	23.60000	3.079340	17.50876	29.69124	12

**Concentration\*Time Point; LS Means**



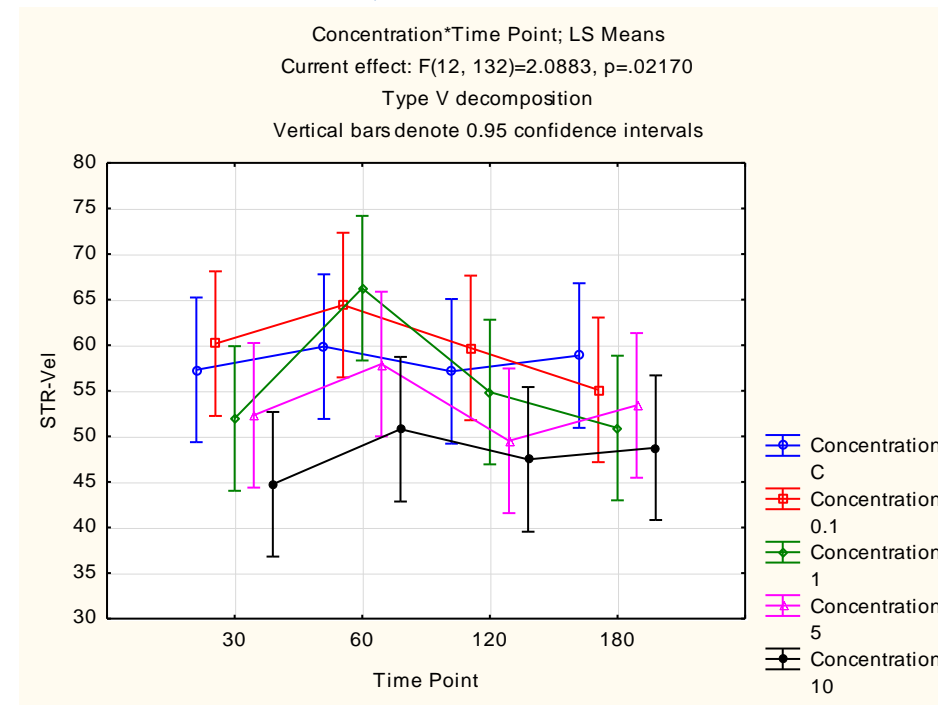
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.0883, p=.02170  
 Type V decomposition

Cell No.	Concentration	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	C	30	57.30000	4.010253	49.36732	65.23268	12
2	C	60	59.85000	4.010253	51.91732	67.78268	12
3	C	120	57.13333	4.010253	49.20066	65.06601	12
4	C	180	58.87500	4.010253	50.94232	66.80768	12
5	0.1	30	60.17500	4.010253	52.24232	68.10768	12
6	0.1	60	64.40833	4.010253	56.47566	72.34101	12
7	0.1	120	59.70000	4.010253	51.76732	67.63268	12
8	0.1	180	55.10833	4.010253	47.17566	63.04101	12
9	1	30	51.96667	4.010253	44.03399	59.89934	12
10	1	60	66.25833	4.010253	58.32566	74.19101	12

11	1	120	54.86667	4.010253	46.93399	62.79934	12
12	1	180	50.92500	4.010253	42.99232	58.85768	12
13	5	30	52.31667	4.010253	44.38399	60.24934	12
14	5	60	57.94167	4.010253	50.00899	65.87434	12
15	5	120	49.51667	4.010253	41.58399	57.44934	12
16	5	180	53.40000	4.010253	45.46732	61.33268	12
17	10	30	44.75000	4.010253	36.81732	52.68268	12
18	10	60	50.79167	4.010253	42.85899	58.72434	12
19	10	120	47.47500	4.010253	39.54232	55.40768	12
20	10	180	48.75833	4.010253	40.82566	56.69101	12

**Concentration\*Time Point; LS Means**



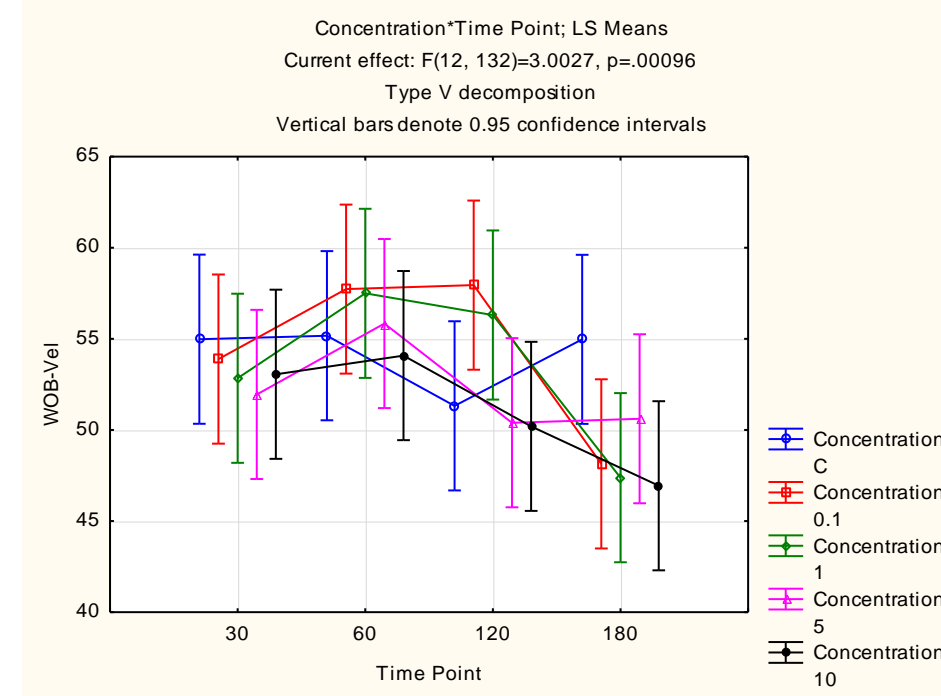
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=3.0027, p=.00096  
 Type V decomposition

Concentration	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
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Cell No.							
1	C	30	54.98333	2.345809	50.34309	59.62358	12
2	C	60	55.17500	2.345809	50.53476	59.81524	12
3	C	120	51.32500	2.345809	46.68476	55.96524	12
4	C	180	54.97500	2.345809	50.33476	59.61524	12
5	0.1	30	53.89167	2.345809	49.25142	58.53191	12
6	0.1	60	57.73333	2.345809	53.09309	62.37358	12
7	0.1	120	57.95000	2.345809	53.30976	62.59024	12
8	0.1	180	48.14167	2.345809	43.50142	52.78191	12
9	1	30	52.84167	2.345809	48.20142	57.48191	12
10	1	60	57.50000	2.345809	52.85976	62.14024	12
11	1	120	56.30833	2.345809	51.66809	60.94858	12
12	1	180	47.38333	2.345809	42.74309	52.02358	12
13	5	30	51.95000	2.345809	47.30976	56.59024	12
14	5	60	55.84167	2.345809	51.20142	60.48191	12
15	5	120	50.40000	2.345809	45.75976	55.04024	12
16	5	180	50.61667	2.345809	45.97642	55.25691	12
17	10	30	53.05833	2.345809	48.41809	57.69858	12
18	10	60	54.08333	2.345809	49.44309	58.72358	12
19	10	120	50.20000	2.345809	45.55976	54.84024	12
20	10	180	46.94167	2.345809	42.30142	51.58191	12

**Concentration\*Time Point; LS Means**



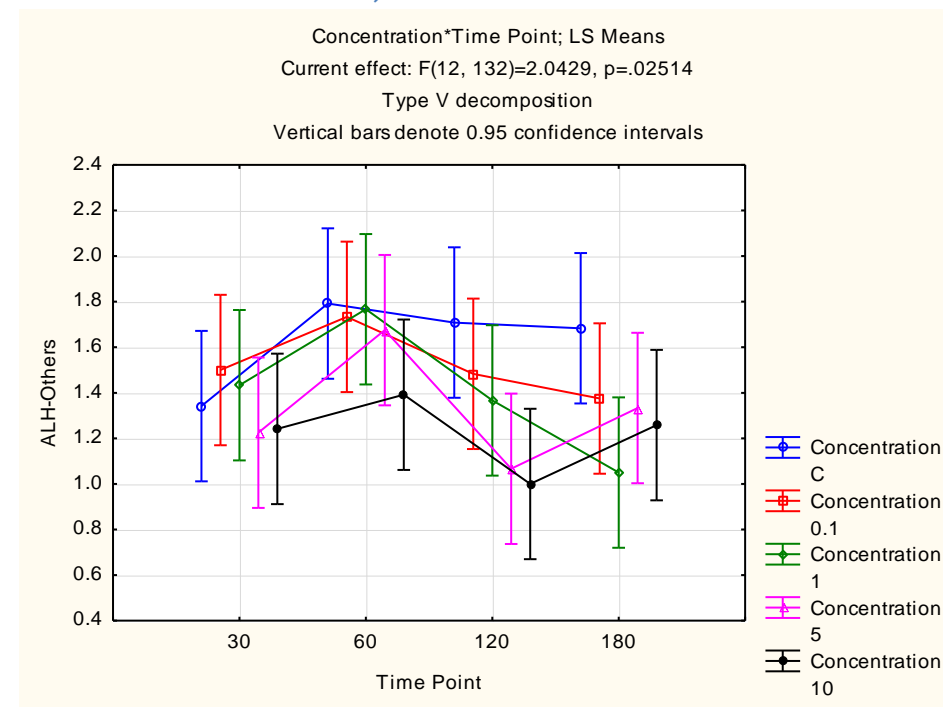
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 132)=2.0429, p=.02514  
 Type V decomposition

Cell No.	Concentration	Time Point	ALH-Others - Mean	ALH-Others - Std.Err.	ALH-Others - -95.00%	ALH-Others - +95.00%	N
1	C	30	1.341667	0.166794	1.011731	1.671603	12
2	C	60	1.791667	0.166794	1.461731	2.121603	12
3	C	120	1.708333	0.166794	1.378397	2.038269	12
4	C	180	1.683333	0.166794	1.353397	2.013269	12
5	0.1	30	1.500000	0.166794	1.170064	1.829936	12
6	0.1	60	1.733333	0.166794	1.403397	2.063269	12
7	0.1	120	1.483333	0.166794	1.153397	1.813269	12
8	0.1	180	1.375000	0.166794	1.045064	1.704936	12
9	1	30	1.433333	0.166794	1.103397	1.763269	12
10	1	60	1.766667	0.166794	1.436731	2.096603	12

11	1	120	1.366667	0.166794	1.036731	1.696603	12
12	1	180	1.050000	0.166794	0.720064	1.379936	12
13	5	30	1.225000	0.166794	0.895064	1.554936	12
14	5	60	1.675000	0.166794	1.345064	2.004936	12
15	5	120	1.066667	0.166794	0.736731	1.396603	12
16	5	180	1.333333	0.166794	1.003397	1.663269	12
17	10	30	1.241667	0.166794	0.911731	1.571603	12
18	10	60	1.391667	0.166794	1.061731	1.721603	12
19	10	120	1.000000	0.166794	0.670064	1.329936	12
20	10	180	1.258333	0.166794	0.928397	1.588269	12

**Concentration\*Time Point; LS Means**



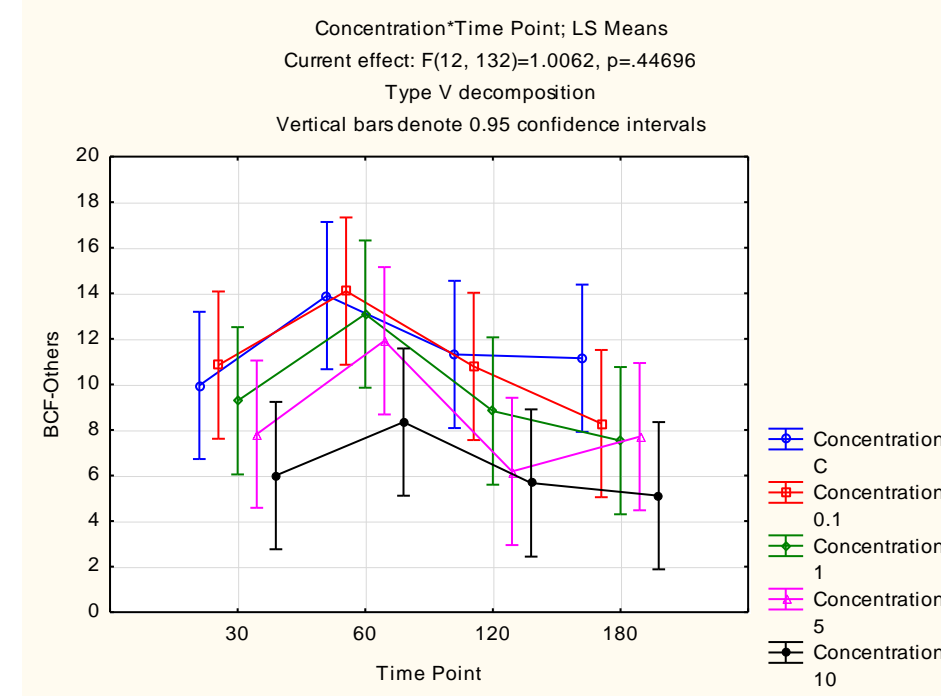
**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 132)=1.0062, p=.44696						
Type V decomposition						
Concentration	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N



Cell No.							
1	C	30	9.95833	1.634203	6.72572	13.19095	12
2	C	60	13.90000	1.634203	10.66738	17.13262	12
3	C	120	11.31667	1.634203	8.08405	14.54928	12
4	C	180	11.15000	1.634203	7.91738	14.38262	12
5	0.1	30	10.85000	1.634203	7.61738	14.08262	12
6	0.1	60	14.10000	1.634203	10.86738	17.33262	12
7	0.1	120	10.79167	1.634203	7.55905	14.02428	12
8	0.1	180	8.28333	1.634203	5.05072	11.51595	12
9	1	30	9.28333	1.634203	6.05072	12.51595	12
10	1	60	13.09167	1.634203	9.85905	16.32428	12
11	1	120	8.83333	1.634203	5.60072	12.06595	12
12	1	180	7.53333	1.634203	4.30072	10.76595	12
13	5	30	7.81667	1.634203	4.58405	11.04928	12
14	5	60	11.91667	1.634203	8.68405	15.14928	12
15	5	120	6.18333	1.634203	2.95072	9.41595	12
16	5	180	7.70833	1.634203	4.47572	10.94095	12
17	10	30	6.00000	1.634203	2.76738	9.23262	12
18	10	60	8.35000	1.634203	5.11738	11.58262	12
19	10	120	5.67500	1.634203	2.44238	8.90762	12
20	10	180	5.11667	1.634203	1.88405	8.34928	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

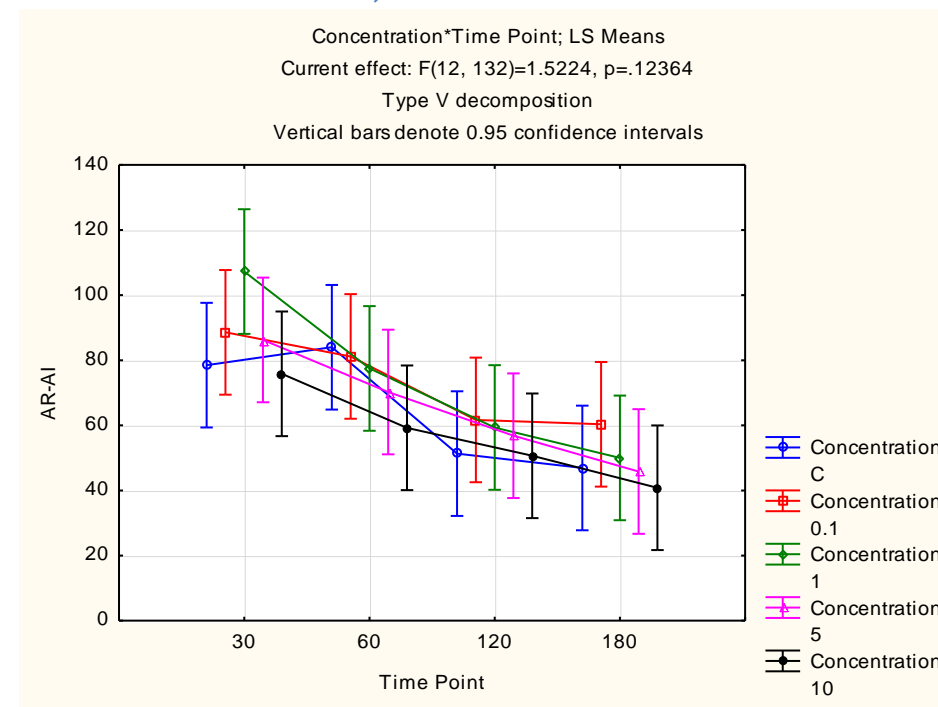
Current effect:  $F(12, 132)=1.5224, p=.12364$

Type V decomposition

Cell No.	Concentration	Time Point	AR-AI - Mean	AR-AI - Std.Err.	AR-AI - -95.00%	AR-AI - +95.00%	N
1	C	30	78.5000	9.676677	59.35858	97.6414	12
2	C	60	84.0000	9.676677	64.85858	103.1414	12
3	C	120	51.3333	9.676677	32.19191	70.4748	12
4	C	180	46.9167	9.676677	27.77524	66.0581	12
5	0.1	30	88.5833	9.676677	69.44191	107.7248	12
6	0.1	60	81.1667	9.676677	62.02524	100.3081	12
7	0.1	120	61.6667	9.676677	42.52524	80.8081	12
8	0.1	180	60.3333	9.676677	41.19191	79.4748	12
9	1	30	107.2500	9.676677	88.10858	126.3914	12
10	1	60	77.5000	9.676677	58.35858	96.6414	12

11	1	120	59.3333	9.676677	40.19191	78.4748	12
12	1	180	50.0000	9.676677	30.85858	69.1414	12
13	5	30	86.2500	9.676677	67.10858	105.3914	12
14	5	60	70.2500	9.676677	51.10858	89.3914	12
15	5	120	56.8333	9.676677	37.69191	75.9748	12
16	5	180	45.8333	9.676677	26.69191	64.9748	12
17	10	30	75.8333	9.676677	56.69191	94.9748	12
18	10	60	59.2500	9.676677	40.10858	78.3914	12
19	10	120	50.6667	9.676677	31.52524	69.8081	12
20	10	180	40.8333	9.676677	21.69191	59.9748	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

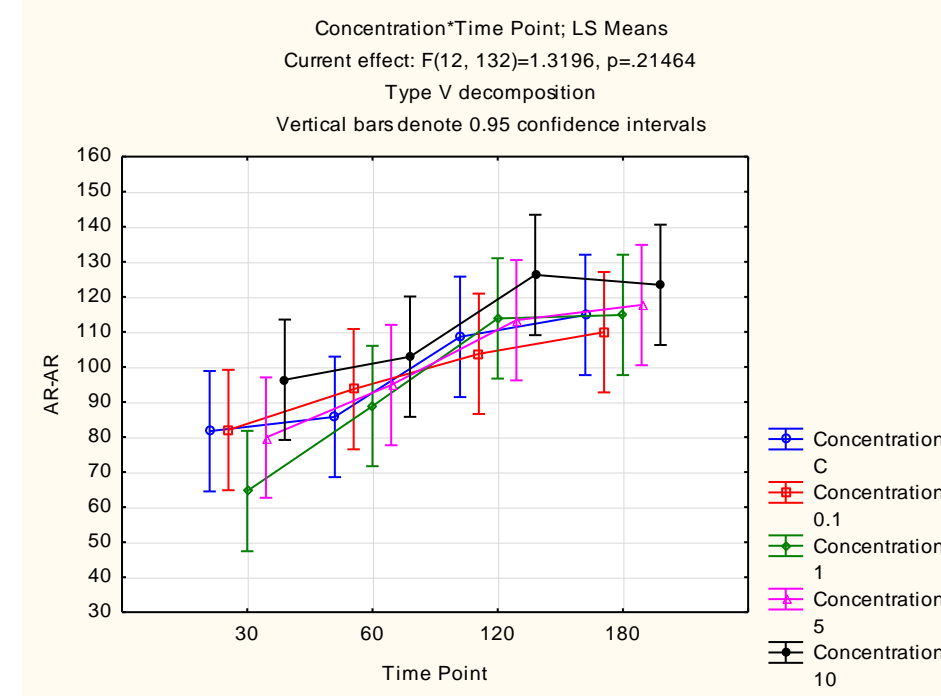
Current effect: F(12, 132)=1.3196, p=.21464

Type V decomposition

	Concentration	Time Point	AR-AR - Mean	AR-AR - Std.Err.	AR-AR - -95.00%	AR-AR - +95.00%	N
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Cell No.							
1	C	30	81.6667	8.684335	64.4882	98.8451	12
2	C	60	85.7500	8.684335	68.5715	102.9285	12
3	C	120	108.5833	8.684335	91.4049	125.7618	12
4	C	180	114.8333	8.684335	97.6549	132.0118	12
5	0.1	30	82.0000	8.684335	64.8215	99.1785	12
6	0.1	60	93.6667	8.684335	76.4882	110.8451	12
7	0.1	120	103.7500	8.684335	86.5715	120.9285	12
8	0.1	180	109.9167	8.684335	92.7382	127.0951	12
9	1	30	64.5833	8.684335	47.4049	81.7618	12
10	1	60	88.8333	8.684335	71.6549	106.0118	12
11	1	120	113.8333	8.684335	96.6549	131.0118	12
12	1	180	114.8333	8.684335	97.6549	132.0118	12
13	5	30	79.8333	8.684335	62.6549	97.0118	12
14	5	60	94.8333	8.684335	77.6549	112.0118	12
15	5	120	113.3333	8.684335	96.1549	130.5118	12
16	5	180	117.6667	8.684335	100.4882	134.8451	12
17	10	30	96.3333	8.684335	79.1549	113.5118	12
18	10	60	102.9167	8.684335	85.7382	120.0951	12
19	10	120	126.2500	8.684335	109.0715	143.4285	12
20	10	180	123.4167	8.684335	106.2382	140.5951	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

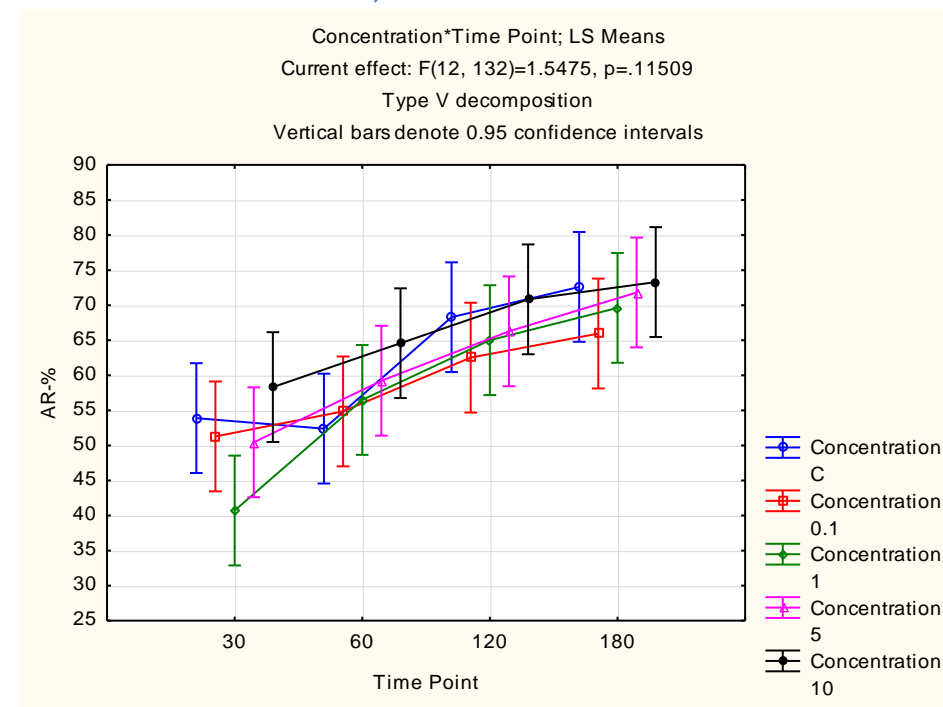
Current effect: F(12, 132)=1.5475, p=.11509

Type V decomposition

Cell No.	Concentration	Time Point	AR-% - Mean	AR-% - Std.Err.	AR-% - -95.00%	AR-% - +95.00%	N
1	C	30	53.89046	3.959339	46.05850	61.72242	12
2	C	60	52.39318	3.959339	44.56121	60.22514	12
3	C	120	68.28274	3.959339	60.45078	76.11471	12
4	C	180	72.60488	3.959339	64.77291	80.43684	12
5	0.1	30	51.28017	3.959339	43.44820	59.11213	12
6	0.1	60	54.85325	3.959339	47.02128	62.68521	12
7	0.1	120	62.51880	3.959339	54.68684	70.35076	12
8	0.1	180	65.95232	3.959339	58.12035	73.78428	12
9	1	30	40.71463	3.959339	32.88267	48.54660	12
10	1	60	56.49360	3.959339	48.66164	64.32556	12

11	1	120	65.01059	3.959339	57.17863	72.84256	12
12	1	180	69.61596	3.959339	61.78400	77.44793	12
13	5	30	50.43880	3.959339	42.60684	58.27077	12
14	5	60	59.22364	3.959339	51.39168	67.05561	12
15	5	120	66.26950	3.959339	58.43754	74.10147	12
16	5	180	71.80990	3.959339	63.97794	79.64187	12
17	10	30	58.30764	3.959339	50.47568	66.13961	12
18	10	60	64.57703	3.959339	56.74507	72.40900	12
19	10	120	70.82364	3.959339	62.99167	78.65560	12
20	10	180	73.29175	3.959339	65.45979	81.12372	12

**Concentration\*Time Point; LS Means**

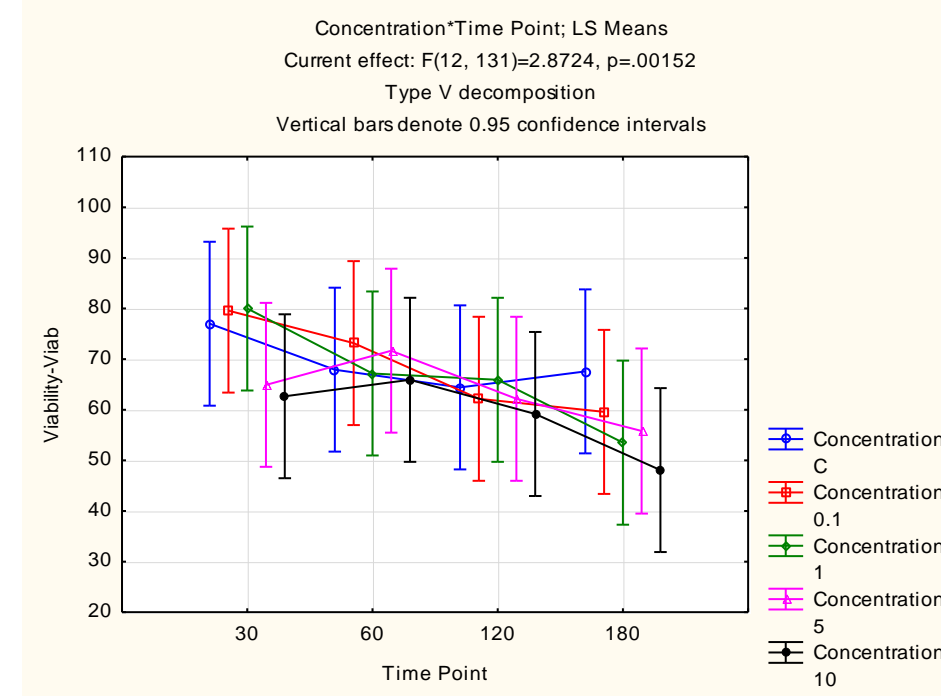


**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)						
Current effect: F(12, 131)=2.8724, p=.00152						
Type V decomposition						
Concentration	Time Point	Viability-Viab - Mean	Viability-Viab - Std.Err.	Viability-Viab - -95.00%	Viability-Viab - +95.00%	N

Cell No.							
1	C	30	77.00000	8.188340	60.80151	93.19849	12
2	C	60	67.91667	8.188340	51.71818	84.11516	12
3	C	120	64.41667	8.188340	48.21818	80.61516	12
4	C	180	67.58333	8.188340	51.38484	83.78182	12
5	0.1	30	79.58333	8.188340	63.38484	95.78182	12
6	0.1	60	73.16667	8.188340	56.96818	89.36516	12
7	0.1	120	62.16667	8.188340	45.96818	78.36516	12
8	0.1	180	59.58333	8.188340	43.38484	75.78182	12
9	1	30	80.00000	8.188340	63.80151	96.19849	12
10	1	60	67.16667	8.188340	50.96818	83.36516	12
11	1	120	65.91667	8.188340	49.71818	82.11516	12
12	1	180	53.50000	8.188340	37.30151	69.69849	12
13	5	30	64.91667	8.188340	48.71818	81.11516	12
14	5	60	71.66667	8.188340	55.46818	87.86516	12
15	5	120	62.16667	8.188340	45.96818	78.36516	12
16	5	180	55.80475	8.242866	39.49840	72.11111	11
17	10	30	62.66667	8.188340	46.46818	78.86516	12
18	10	60	65.91667	8.188340	49.71818	82.11516	12
19	10	120	59.16667	8.188340	42.96818	75.36516	12
20	10	180	48.08333	8.188340	31.88484	64.28182	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

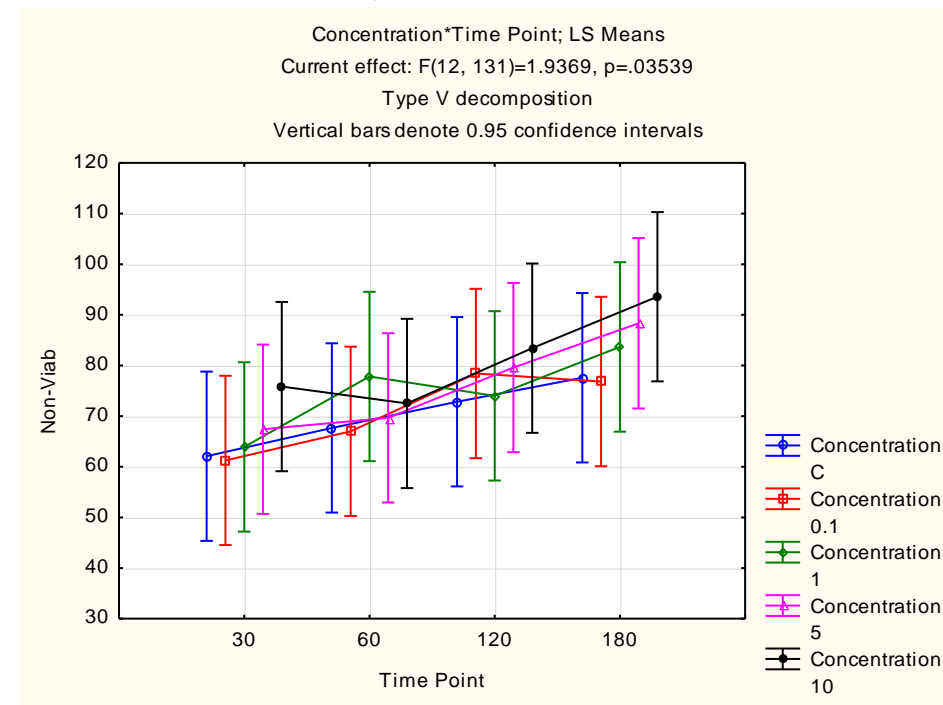
Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Current effect: F(12, 131)=1.9369, p=.03539  
 Type V decomposition

Cell No.	Concentration	Time Point	Non-Viab - Mean	Non-Viab - Std.Err.	Non-Viab - -95.00%	Non-Viab - +95.00%	N
1	C	30	62.08333	8.452563	45.36215	78.8045	12
2	C	60	67.66667	8.452563	50.94548	84.3879	12
3	C	120	72.83333	8.452563	56.11215	89.5545	12
4	C	180	77.58333	8.452563	60.86215	94.3045	12
5	0.1	30	61.25000	8.452563	44.52881	77.9712	12
6	0.1	60	67.00000	8.452563	50.27881	83.7212	12
7	0.1	120	78.41667	8.452563	61.69548	95.1379	12
8	0.1	180	76.83333	8.452563	60.11215	93.5545	12
9	1	30	63.91667	8.452563	47.19548	80.6379	12
10	1	60	77.83333	8.452563	61.11215	94.5545	12



11	1	120	74.00000	8.452563	57.27881	90.7212	12
12	1	180	83.66667	8.452563	66.94548	100.3879	12
13	5	30	67.41667	8.452563	50.69548	84.1379	12
14	5	60	69.66667	8.452563	52.94548	86.3879	12
15	5	120	79.58333	8.452563	62.86215	96.3045	12
16	5	180	88.33775	8.505197	71.51244	105.1631	11
17	10	30	75.83333	8.452563	59.11215	92.5545	12
18	10	60	72.50000	8.452563	55.77881	89.2212	12
19	10	120	83.41667	8.452563	66.69548	100.1379	12
20	10	180	93.58333	8.452563	76.86215	110.3045	12

**Concentration\*Time Point; LS Means**



**Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

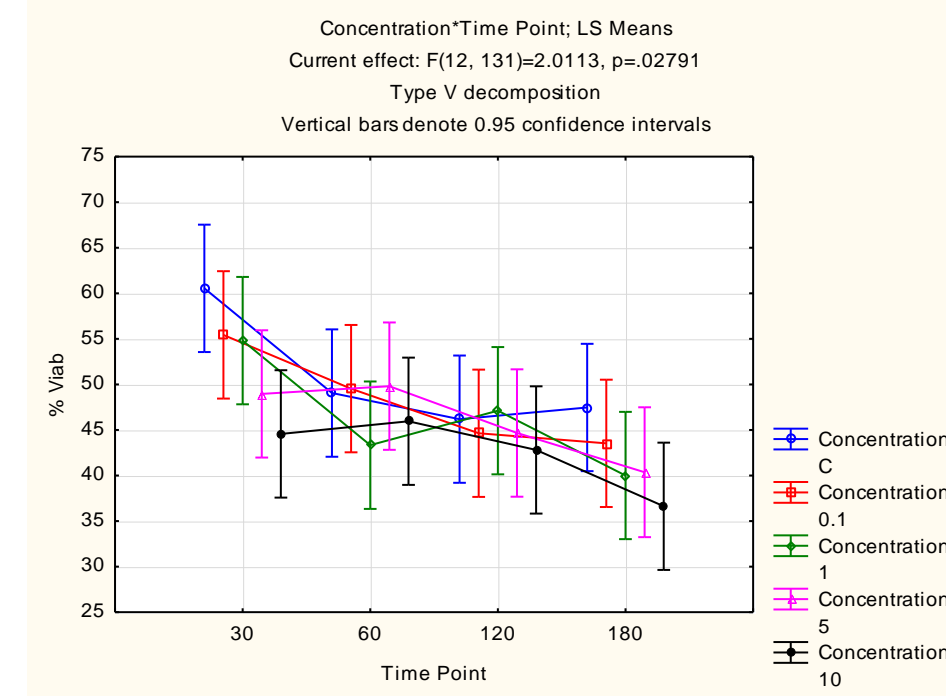
Current effect: F(12, 131)=2.0113, p=.02791

Type V decomposition

Concentration	Time Point	% Viab - Mean	% Viab - Std.Err.	% Viab - -95.00%	% Viab - +95.00%	N
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Cell No.							
1	C	30	60.54940	3.531854	53.56255	67.53625	12
2	C	60	49.05713	3.531854	42.07028	56.04398	12
3	C	120	46.18718	3.531854	39.20033	53.17403	12
4	C	180	47.47336	3.531854	40.48651	54.46021	12
5	0.1	30	55.43819	3.531854	48.45135	62.42504	12
6	0.1	60	49.53746	3.531854	42.55061	56.52430	12
7	0.1	120	44.64163	3.531854	37.65478	51.62848	12
8	0.1	180	43.53425	3.531854	36.54740	50.52110	12
9	1	30	54.81168	3.531854	47.82483	61.79853	12
10	1	60	43.33370	3.531854	36.34685	50.32055	12
11	1	120	47.12282	3.531854	40.13597	54.10967	12
12	1	180	40.00631	3.531854	33.01946	46.99316	12
13	5	30	48.96248	3.531854	41.97563	55.94933	12
14	5	60	49.81304	3.531854	42.82619	56.79989	12
15	5	120	44.67130	3.531854	37.68445	51.65815	12
16	5	180	40.36963	3.601975	33.24406	47.49519	11
17	10	30	44.57123	3.531854	37.58438	51.55808	12
18	10	60	45.96033	3.531854	38.97348	52.94718	12
19	10	120	42.81170	3.531854	35.82485	49.79855	12
20	10	180	36.62823	3.531854	29.64138	43.61508	12

**Concentration\*Time Point; LS Means**



**LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 38.175	{2} - 38.598	{3} - 40.725	{4} - 44.029	{5} - 43.117
1	C		0.891510	0.412607	0.064138	0.116097
2	0.1	0.891510		0.493830	0.085053	0.149817
3	1	0.412607	0.493830		0.289654	0.442014
4	5	0.064138	0.085053	0.289654		0.768626
5	10	0.116097	0.149817	0.442014	0.768626	

**LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-0.42292	3.082820	0.891510	-6.6359	5.790098
{1}-{3}	C	1	-2.55000	3.082820	0.412607	-8.7630	3.663015
{1}-{4}	C	5	-5.85417	3.082820	0.064138	-12.0672	0.358848
{1}-{5}	C	10	-4.94167	3.082820	0.116097	-11.1547	1.271348
{2}-{3}	0.1	1	-2.12708	3.082820	0.493830	-8.3401	4.085931
{2}-{4}	0.1	5	-5.43125	3.082820	0.085053	-11.6443	0.781765
{2}-{5}	0.1	10	-4.51875	3.082820	0.149817	-10.7318	1.694265
{3}-{4}	1	5	-3.30417	3.082820	0.289654	-9.5172	2.908848
{3}-{5}	1	10	-2.39167	3.082820	0.442014	-8.6047	3.821348
{4}-{5}	5	10	0.91250	3.082820	0.768626	-5.3005	7.125515

**LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 21.508	{2} - 22.365	{3} - 24.427	{4} - 23.519	{5} - 25.971
1	C		0.552976	0.047581	0.167393	0.003224
2	0.1	0.552976		0.156894	0.424623	0.015510
3	1	0.047581	0.156894		0.529194	0.286928
4	5	0.167393	0.424623	0.529194		0.093897
5	10	0.003224	0.015510	0.286928	0.093897	

**LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-0.85625	1.432110	0.552976	-3.74248	2.02998
{1}-{3}	C	1	-2.91875	1.432110	0.047581	-5.80498	-0.03252
{1}-{4}	C	5	-2.01042	1.432110	0.167393	-4.89665	0.87581
{1}-{5}	C	10	-4.46250	1.432110	0.003224	-7.34873	-1.57627
{2}-{3}	0.1	1	-2.06250	1.432110	0.156894	-4.94873	0.82373
{2}-{4}	0.1	5	-1.15417	1.432110	0.424623	-4.04040	1.73206
{2}-{5}	0.1	10	-3.60625	1.432110	0.015510	-6.49248	-0.72002
{3}-{4}	1	5	0.90833	1.432110	0.529194	-1.97790	3.79456
{3}-{5}	1	10	-1.54375	1.432110	0.286928	-4.42998	1.34248
{4}-{5}	5	10	-2.45208	1.432110	0.093897	-5.33831	0.43415

**LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 40.335	{2} - 39.023	{3} - 34.854	{4} - 32.458	{5} - 30.935
1	C		0.674577	0.084461	0.014808	0.004115
2	0.1	0.674577		0.186301	0.040206	0.012498
3	1	0.084461	0.186301		0.444484	0.213581

4	5	0.014808	0.040206	0.444484		0.626246
5	10	0.004115	0.012498	0.213581	0.626246	

**LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	1.312500	3.105079	0.674577	-4.94538	7.57038
{1}-{3}	C	1	5.481250	3.105079	0.084461	-0.77663	11.73913
{1}-{4}	C	5	7.877083	3.105079	0.014808	1.61921	14.13496
{1}-{5}	C	10	9.400000	3.105079	0.004115	3.14212	15.65788
{2}-{3}	0.1	1	4.168750	3.105079	0.186301	-2.08913	10.42663
{2}-{4}	0.1	5	6.564583	3.105079	0.040206	0.30671	12.82246
{2}-{5}	0.1	10	8.087500	3.105079	0.012498	1.82962	14.34538
{3}-{4}	1	5	2.395833	3.105079	0.444484	-3.86204	8.65371
{3}-{5}	1	10	3.918750	3.105079	0.213581	-2.33913	10.17663
{4}-{5}	5	10	1.522917	3.105079	0.626246	-4.73496	7.78079

**LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 61.844	{2} - 61.388	{3} - 59.281	{4} - 55.977	{5} - 56.906

1	C		0.883137	0.410803	0.063849	0.116752
2	0.1	0.883137		0.498477	0.086522	0.153550
3	1	0.410803	0.498477		0.290131	0.445634
4	5	0.063849	0.086522	0.290131		0.764757
5	10	0.116752	0.153550	0.445634	0.764757	

**LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.456250	3.085913	0.883137	-5.76300	6.67550
{1}-{3}	C	1	2.562500	3.085913	0.410803	-3.65675	8.78175
{1}-{4}	C	5	5.866667	3.085913	0.063849	-0.35258	12.08591
{1}-{5}	C	10	4.937500	3.085913	0.116752	-1.28175	11.15675
{2}-{3}	0.1	1	2.106250	3.085913	0.498477	-4.11300	8.32550
{2}-{4}	0.1	5	5.410417	3.085913	0.086522	-0.80883	11.62966
{2}-{5}	0.1	10	4.481250	3.085913	0.153550	-1.73800	10.70050
{3}-{4}	1	5	3.304167	3.085913	0.290131	-2.91508	9.52341
{3}-{5}	1	10	2.375000	3.085913	0.445634	-3.84425	8.59425
{4}-{5}	5	10	-0.929167	3.085913	0.764757	-7.14841	5.29008

**LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration						
Cell No.	Concentration	{1} - 38.879	{2} - 37.785	{3} - 33.377	{4} - 30.856	{5} - 29.094
1	C		0.719940	0.076307	0.011229	0.002355
2	0.1	0.719940		0.152935	0.027122	0.006328
3	1	0.076307	0.152935		0.410086	0.164647
4	5	0.011229	0.027122	0.410086		0.563883
5	10	0.002355	0.006328	0.164647	0.563883	

**LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	1.093750	3.031051	0.719940	-5.01493	7.20243
{1}-{3}	C	1	5.502083	3.031051	0.076307	-0.60660	11.61077
{1}-{4}	C	5	8.022917	3.031051	0.011229	1.91423	14.13160
{1}-{5}	C	10	9.785417	3.031051	0.002355	3.67673	15.89410
{2}-{3}	0.1	1	4.408333	3.031051	0.152935	-1.70035	10.51702
{2}-{4}	0.1	5	6.929167	3.031051	0.027122	0.82048	13.03785
{2}-{5}	0.1	10	8.691667	3.031051	0.006328	2.58298	14.80035
{3}-{4}	1	5	2.520833	3.031051	0.410086	-3.58785	8.62952
{3}-{5}	1	10	4.283333	3.031051	0.164647	-1.82535	10.39202
{4}-{5}	5	10	1.762500	3.031051	0.563883	-4.34618	7.87118



**LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 14.465	{2} - 15.529	{3} - 15.869	{4} - 14.917	{5} - 17.852
1	C		0.416368	0.285062	0.729185	0.012306
2	0.1	0.416368		0.794761	0.639220	0.080292
3	1	0.285062	0.794761		0.466980	0.133532
4	5	0.729185	0.639220	0.466980		0.028667
5	10	0.012306	0.080292	0.133532	0.028667	

**LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-1.06458	1.297519	0.416368	-3.67956	1.550394
{1}-{3}	C	1	-1.40417	1.297519	0.285062	-4.01914	1.210811
{1}-{4}	C	5	-0.45208	1.297519	0.729185	-3.06706	2.162894
{1}-{5}	C	10	-3.38750	1.297519	0.012306	-6.00248	-0.772523
{2}-{3}	0.1	1	-0.33958	1.297519	0.794761	-2.95456	2.275394
{2}-{4}	0.1	5	0.61250	1.297519	0.639220	-2.00248	3.227477
{2}-{5}	0.1	10	-2.32292	1.297519	0.080292	-4.93789	0.292061
{3}-{4}	1	5	0.95208	1.297519	0.466980	-1.66289	3.567061

{3}-{5}	1	10	-1.98333	1.297519	0.133532	-4.59831	0.631644
{4}-{5}	5	10	-2.93542	1.297519	0.028667	-5.55039	-0.320439

**LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 8.4958	{2} - 8.2771	{3} - 9.9667	{4} - 10.348	{5} - 9.9521
1	C		0.784968	0.071651	0.024789	0.074406
2	0.1	0.784968		0.039650	0.012682	0.041306
3	1	0.071651	0.039650		0.634696	0.985481
4	5	0.024789	0.012682	0.634696		0.621835
5	10	0.074406	0.041306	0.985481	0.621835	

**LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.21875	0.796838	0.784968	-1.38717	1.824671
{1}-{3}	C	1	-1.47083	0.796838	0.071651	-3.07675	0.135087
{1}-{4}	C	5	-1.85208	0.796838	0.024789	-3.45800	-0.246163
{1}-{5}	C	10	-1.45625	0.796838	0.074406	-3.06217	0.149671
{2}-{3}	0.1	1	-1.68958	0.796838	0.039650	-3.29550	-0.083663

{2}-{4}	0.1	5	-2.07083	0.796838	0.012682	-3.67675	-0.464913
{2}-{5}	0.1	10	-1.67500	0.796838	0.041306	-3.28092	-0.069079
{3}-{4}	1	5	-0.38125	0.796838	0.634696	-1.98717	1.224671
{3}-{5}	1	10	0.01458	0.796838	0.985481	-1.59134	1.620504
{4}-{5}	5	10	0.39583	0.796838	0.621835	-1.21009	2.001754

**LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 38.175	{2} - 38.598	{3} - 40.725	{4} - 44.027	{5} - 43.096
1	C		0.891622	0.413088	0.064496	0.117970
2	0.1	0.891622		0.494276	0.085483	0.152075
3	1	0.413088	0.494276		0.290448	0.446443
4	5	0.064496	0.085483	0.290448		0.764254
5	10	0.117970	0.152075	0.446443	0.764254	

**LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	-0.42292	3.086019	0.891622	-6.6424	5.796546
{1}-{3}	C	1	-2.55000	3.086019	0.413088	-8.7695	3.669462



Cell {#1}-{#2}							
{1}-{2}	C	0.1	-0.954167	1.410869	0.502392	-3.79759	1.88925
{1}-{3}	C	1	1.518750	1.410869	0.287587	-1.32467	4.36217
{1}-{4}	C	5	4.479167	1.410869	0.002738	1.63575	7.32259
{1}-{5}	C	10	6.231250	1.410869	0.000064	3.38783	9.07467
{2}-{3}	0.1	1	2.472917	1.410869	0.086609	-0.37050	5.31634
{2}-{4}	0.1	5	5.433333	1.410869	0.000378	2.58991	8.27675
{2}-{5}	0.1	10	7.185417	1.410869	0.000007	4.34200	10.02884
{3}-{4}	1	5	2.960417	1.410869	0.041654	0.11700	5.80384
{3}-{5}	1	10	4.712500	1.410869	0.001714	1.86908	7.55592
{4}-{5}	5	10	1.752083	1.410869	0.220872	-1.09134	4.59550

**LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 29.802	{2} - 27.554	{3} - 25.844	{4} - 27.042	{5} - 26.315
1	C		0.423089	0.161536	0.326156	0.216280
2	0.1	0.423089		0.541549	0.854582	0.657857
3	1	0.161536	0.541549		0.668637	0.866285
4	5	0.326156	0.854582	0.668637		0.794894
5	10	0.216280	0.657857	0.866285	0.794894	

**LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration							
Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	2.24792	2.779969	0.423089	-3.35474	7.850576
{1}-{3}	C	1	3.95833	2.779969	0.161536	-1.64433	9.560993
{1}-{4}	C	5	2.76042	2.779969	0.326156	-2.84224	8.363076
{1}-{5}	C	10	3.48750	2.779969	0.216280	-2.11516	9.090159
{2}-{3}	0.1	1	1.71042	2.779969	0.541549	-3.89224	7.313076
{2}-{4}	0.1	5	0.51250	2.779969	0.854582	-5.09016	6.115159
{2}-{5}	0.1	10	1.23958	2.779969	0.657857	-4.36308	6.842243
{3}-{4}	1	5	-1.19792	2.779969	0.668637	-6.80058	4.404743
{3}-{5}	1	10	-0.47083	2.779969	0.866285	-6.07349	5.131826
{4}-{5}	5	10	0.72708	2.779969	0.794894	-4.87558	6.329743

**LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests						
Effect: Concentration						
Cell No.	Concentration	{1} - 20.487	{2} - 21.992	{3} - 24.181	{4} - 23.506	{5} - 26.352
1	C		0.337525	0.021653	0.058059	0.000468
2	0.1	0.337525		0.165133	0.334225	0.007349
3	1	0.021653	0.165133		0.665595	0.168703
4	5	0.058059	0.334225	0.665595		0.073342
5	10	0.000468	0.007349	0.168703	0.073342	

**LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-1.50417	1.551259	0.337525	-4.63052	1.62219
{1}-{3}	C	1	-3.69375	1.551259	0.021653	-6.82011	-0.56739
{1}-{4}	C	5	-3.01875	1.551259	0.058059	-6.14511	0.10761
{1}-{5}	C	10	-5.86458	1.551259	0.000468	-8.99094	-2.73823
{2}-{3}	0.1	1	-2.18958	1.551259	0.165133	-5.31594	0.93677
{2}-{4}	0.1	5	-1.51458	1.551259	0.334225	-4.64094	1.61177
{2}-{5}	0.1	10	-4.36042	1.551259	0.007349	-7.48677	-1.23406
{3}-{4}	1	5	0.67500	1.551259	0.665595	-2.45136	3.80136
{3}-{5}	1	10	-2.17083	1.551259	0.168703	-5.29719	0.95552
{4}-{5}	5	10	-2.84583	1.551259	0.073342	-5.97219	0.28052

**LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 37.758	{2} - 37.785	{3} - 40.725	{4} - 44.010	{5} - 43.721
1	C		0.992699	0.318910	0.039279	0.048839
2	0.1	0.992699		0.323298	0.040098	0.049829
3	1	0.318910	0.323298		0.270296	0.314229

4	5	0.039279	0.040098	0.270296		0.922058
5	10	0.048839	0.049829	0.314229	0.922058	

**LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-0.02708	2.942776	0.992699	-5.9579	5.903692
{1}-{3}	C	1	-2.96667	2.942776	0.318910	-8.8974	2.964109
{1}-{4}	C	5	-6.25208	2.942776	0.039279	-12.1829	-0.321308
{1}-{5}	C	10	-5.96250	2.942776	0.048839	-11.8933	-0.031724
{2}-{3}	0.1	1	-2.93958	2.942776	0.323298	-8.8704	2.991192
{2}-{4}	0.1	5	-6.22500	2.942776	0.040098	-12.1558	-0.294224
{2}-{5}	0.1	10	-5.93542	2.942776	0.049829	-11.8662	-0.004641
{3}-{4}	1	5	-3.28542	2.942776	0.270296	-9.2162	2.645359
{3}-{5}	1	10	-2.99583	2.942776	0.314229	-8.9266	2.934942
{4}-{5}	5	10	0.28958	2.942776	0.922058	-5.6412	6.220359

**LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 11.427	{2} - 12.346	{3} - 12.162	{4} - 11.456	{5} - 11.560



1	C		0.035963	0.090299	0.945550	0.755007
2	0.1	0.035963		0.668034	0.041965	0.071089
3	1	0.090299	0.668034		0.103379	0.163265
4	5	0.945550	0.041965	0.103379		0.807356
5	10	0.755007	0.071089	0.163265	0.807356	

**LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	-0.918750	0.424631	0.035963	-1.77454	-0.062962
{1}-{3}	C	1	-0.735417	0.424631	0.090299	-1.59121	0.120372
{1}-{4}	C	5	-0.029167	0.424631	0.945550	-0.88496	0.826622
{1}-{5}	C	10	-0.133333	0.424631	0.755007	-0.98912	0.722455
{2}-{3}	0.1	1	0.183333	0.424631	0.668034	-0.67246	1.039122
{2}-{4}	0.1	5	0.889583	0.424631	0.041965	0.03379	1.745372
{2}-{5}	0.1	10	0.785417	0.424631	0.071089	-0.07037	1.641205
{3}-{4}	1	5	0.706250	0.424631	0.103379	-0.14954	1.562038
{3}-{5}	1	10	0.602083	0.424631	0.163265	-0.25371	1.457872
{4}-{5}	5	10	-0.104167	0.424631	0.807356	-0.95996	0.751622

**LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration						
Cell No.	Concentration	{1} - 10.798	{2} - 10.135	{3} - 9.5500	{4} - 9.3500	{5} - 10.644
1	C		0.315852	0.062518	0.031807	0.814453
2	0.1	0.315852		0.374847	0.235478	0.440450
3	1	0.062518	0.374847		0.760829	0.101025
4	5	0.031807	0.235478	0.760829		0.053827
5	10	0.814453	0.440450	0.101025	0.053827	

**LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.66250	0.652979	0.315852	-0.65349	1.978492
{1}-{3}	C	1	1.24792	0.652979	0.062518	-0.06808	2.563909
{1}-{4}	C	5	1.44792	0.652979	0.031807	0.13192	2.763909
{1}-{5}	C	10	0.15417	0.652979	0.814453	-1.16183	1.470159
{2}-{3}	0.1	1	0.58542	0.652979	0.374847	-0.73058	1.901409
{2}-{4}	0.1	5	0.78542	0.652979	0.235478	-0.53058	2.101409
{2}-{5}	0.1	10	-0.50833	0.652979	0.440450	-1.82433	0.807659
{3}-{4}	1	5	0.20000	0.652979	0.760829	-1.11599	1.515992
{3}-{5}	1	10	-1.09375	0.652979	0.101025	-2.40974	0.222242
{4}-{5}	5	10	-1.29375	0.652979	0.053827	-2.60974	0.022242

**LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 10.979	{2} - 10.675	{3} - 9.2667	{4} - 10.394	{5} - 10.352
1	C		0.597504	0.004501	0.311604	0.278830
2	0.1	0.597504		0.017781	0.625319	0.575188
3	1	0.004501	0.017781		0.055062	0.064281
4	5	0.311604	0.625319	0.055062		0.942251
5	10	0.278830	0.575188	0.064281	0.942251	

**LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	0.30417	0.571901	0.597504	-0.84842	1.456758
{1}-{3}	C	1	1.71250	0.571901	0.004501	0.55991	2.865091
{1}-{4}	C	5	0.58542	0.571901	0.311604	-0.56717	1.738008
{1}-{5}	C	10	0.62708	0.571901	0.278830	-0.52551	1.779675
{2}-{3}	0.1	1	1.40833	0.571901	0.017781	0.25574	2.560925
{2}-{4}	0.1	5	0.28125	0.571901	0.625319	-0.87134	1.433841
{2}-{5}	0.1	10	0.32292	0.571901	0.575188	-0.82967	1.475508
{3}-{4}	1	5	-1.12708	0.571901	0.055062	-2.27967	0.025508

{3}-{5}	1	10	-1.08542	0.571901	0.064281	-2.23801	0.067175
{4}-{5}	5	10	0.04167	0.571901	0.942251	-1.11092	1.194258

**LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 9.9325	{2} - 9.7500	{3} - 9.2063	{4} - 8.7958	{5} - 9.5229
1	C		0.779765	0.268960	0.086688	0.531033
2	0.1	0.779765		0.406419	0.148418	0.727953
3	1	0.268960	0.406419		0.530201	0.627848
4	5	0.086688	0.148418	0.530201		0.268418
5	10	0.531033	0.727953	0.627848	0.268418	

**LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.182500	0.648670	0.779765	-1.12481	1.489809
{1}-{3}	C	1	0.726250	0.648670	0.268960	-0.58106	2.033559
{1}-{4}	C	5	1.136667	0.648670	0.086688	-0.17064	2.443975
{1}-{5}	C	10	0.409583	0.648670	0.531033	-0.89773	1.716892
{2}-{3}	0.1	1	0.543750	0.648670	0.406419	-0.76356	1.851059

{2}-{4}	0.1	5	0.954167	0.648670	0.148418	-0.35314	2.261475
{2}-{5}	0.1	10	0.227083	0.648670	0.727953	-1.08023	1.534392
{3}-{4}	1	5	0.410417	0.648670	0.530201	-0.89689	1.717725
{3}-{5}	1	10	-0.316667	0.648670	0.627848	-1.62398	0.990642
{4}-{5}	5	10	-0.727083	0.648670	0.268418	-2.03439	0.580225

**LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 55.248	{2} - 52.079	{3} - 46.963	{4} - 46.521	{5} - 46.977
1	C		0.139565	0.000293	0.000153	0.000299
2	0.1	0.139565		0.019267	0.011449	0.019593
3	1	0.000293	0.019267		0.834856	0.994506
4	5	0.000153	0.011449	0.834856		0.829488
5	10	0.000299	0.019593	0.994506	0.829488	

**LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	3.168750	2.106006	0.139565	-1.07563	7.41313
{1}-{3}	C	1	8.285417	2.106006	0.000293	4.04104	12.52979



Cell {#1}-{#2}							
{1}-{2}	C	0.1	-0.837500	1.013968	0.413282	-2.88102	1.206019
{1}-{3}	C	1	2.185417	1.013968	0.036649	0.14190	4.228936
{1}-{4}	C	5	4.054167	1.013968	0.000240	2.01065	6.097686
{1}-{5}	C	10	5.302083	1.013968	0.000005	3.25856	7.345602
{2}-{3}	0.1	1	3.022917	1.013968	0.004664	0.97940	5.066436
{2}-{4}	0.1	5	4.891667	1.013968	0.000017	2.84815	6.935186
{2}-{5}	0.1	10	6.139583	1.013968	0.000000	4.09606	8.183102
{3}-{4}	1	5	1.868750	1.013968	0.072071	-0.17477	3.912269
{3}-{5}	1	10	3.116667	1.013968	0.003623	1.07315	5.160186
{4}-{5}	5	10	1.247917	1.013968	0.224964	-0.79560	3.291436

**LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 29.975	{2} - 29.167	{3} - 25.898	{4} - 24.750	{5} - 24.656
1	C		0.462243	0.000528	0.000019	0.000014
2	0.1	0.462243		0.004444	0.000203	0.000155
3	1	0.000528	0.004444		0.297993	0.260772
4	5	0.000019	0.000203	0.297993		0.931844
5	10	0.000014	0.000155	0.260772	0.931844	

**LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.808333	1.089919	0.462243	-1.38825	3.004921
{1}-{3}	C	1	4.077083	1.089919	0.000528	1.88050	6.273671
{1}-{4}	C	5	5.225000	1.089919	0.000019	3.02841	7.421588
{1}-{5}	C	10	5.318750	1.089919	0.000014	3.12216	7.515338
{2}-{3}	0.1	1	3.268750	1.089919	0.004444	1.07216	5.465338
{2}-{4}	0.1	5	4.416667	1.089919	0.000203	2.22008	6.613254
{2}-{5}	0.1	10	4.510417	1.089919	0.000155	2.31383	6.707004
{3}-{4}	1	5	1.147917	1.089919	0.297993	-1.04867	3.344504
{3}-{5}	1	10	1.241667	1.089919	0.260772	-0.95492	3.438254
{4}-{5}	5	10	0.093750	1.089919	0.931844	-2.10284	2.290338

**LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests						
Effect: Concentration						
Cell No.	Concentration	{1} - 32.396	{2} - 33.477	{3} - 30.888	{4} - 28.473	{5} - 25.021
1	C		0.392434	0.234698	0.003070	0.000000
2	0.1	0.392434		0.044494	0.000241	0.000000
3	1	0.234698	0.044494		0.060225	0.000027
4	5	0.003070	0.000241	0.060225		0.008449
5	10	0.000000	0.000000	0.000027	0.008449	



**LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-1.08125	1.251874	0.392434	-3.60424	1.44174
{1}-{3}	C	1	1.50833	1.251874	0.234698	-1.01465	4.03132
{1}-{4}	C	5	3.92292	1.251874	0.003070	1.39993	6.44590
{1}-{5}	C	10	7.37500	1.251874	0.000000	4.85201	9.89799
{2}-{3}	0.1	1	2.58958	1.251874	0.044494	0.06660	5.11257
{2}-{4}	0.1	5	5.00417	1.251874	0.000241	2.48118	7.52715
{2}-{5}	0.1	10	8.45625	1.251874	0.000000	5.93326	10.97924
{3}-{4}	1	5	2.41458	1.251874	0.060225	-0.10840	4.93757
{3}-{5}	1	10	5.86667	1.251874	0.000027	3.34368	8.38965
{4}-{5}	5	10	3.45208	1.251874	0.008449	0.92910	5.97507

**LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 58.290	{2} - 59.848	{3} - 56.004	{4} - 53.294	{5} - 47.944
1	C		0.376372	0.196791	0.006372	0.000000
2	0.1	0.376372		0.032782	0.000500	0.000000
3	1	0.196791	0.032782		0.127270	0.000033

4	5	0.006372	0.000500	0.127270		0.003680
5	10	0.000000	0.000000	0.000033	0.003680	

**LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	-1.55833	1.743786	0.376372	-5.07270	1.95604
{1}-{3}	C	1	2.28542	1.743786	0.196791	-1.22895	5.79979
{1}-{4}	C	5	4.99583	1.743786	0.006372	1.48146	8.51020
{1}-{5}	C	10	10.34583	1.743786	0.000000	6.83146	13.86020
{2}-{3}	0.1	1	3.84375	1.743786	0.032782	0.32938	7.35812
{2}-{4}	0.1	5	6.55417	1.743786	0.000500	3.03980	10.06854
{2}-{5}	0.1	10	11.90417	1.743786	0.000000	8.38980	15.41854
{3}-{4}	1	5	2.71042	1.743786	0.127270	-0.80395	6.22479
{3}-{5}	1	10	8.06042	1.743786	0.000033	4.54605	11.57479
{4}-{5}	5	10	5.35000	1.743786	0.003680	1.83563	8.86437

**LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 54.115	{2} - 54.429	{3} - 53.508	{4} - 52.202	{5} - 51.071

1	C		0.766610	0.567850	0.076241	0.005967
2	0.1	0.766610		0.386753	0.040191	0.002636
3	1	0.567850	0.386753		0.221509	0.025395
4	5	0.076241	0.040191	0.221509		0.288692
5	10	0.005967	0.002636	0.025395	0.288692	

**LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	-0.314583	1.053338	0.766610	-2.43745	1.808279
{1}-{3}	C	1	0.606250	1.053338	0.567850	-1.51661	2.729113
{1}-{4}	C	5	1.912500	1.053338	0.076241	-0.21036	4.035363
{1}-{5}	C	10	3.043750	1.053338	0.005967	0.92089	5.166613
{2}-{3}	0.1	1	0.920833	1.053338	0.386753	-1.20203	3.043696
{2}-{4}	0.1	5	2.227083	1.053338	0.040191	0.10422	4.349946
{2}-{5}	0.1	10	3.358333	1.053338	0.002636	1.23547	5.481196
{3}-{4}	1	5	1.306250	1.053338	0.221509	-0.81661	3.429113
{3}-{5}	1	10	2.437500	1.053338	0.025395	0.31464	4.560363
{4}-{5}	5	10	1.131250	1.053338	0.288692	-0.99161	3.254113

**LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration						
Cell No.	Concentration	{1} - 1.6313	{2} - 1.5229	{3} - 1.4042	{4} - 1.3250	{5} - 1.2229
1	C		0.183036	0.006885	0.000410	0.000007
2	0.1	0.183036		0.145240	0.017399	0.000519
3	1	0.006885	0.145240		0.328278	0.028602
4	5	0.000410	0.017399	0.328278		0.209093
5	10	0.000007	0.000519	0.028602	0.209093	

**LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.108333	0.080082	0.183036	-0.053061	0.269728
{1}-{3}	C	1	0.227083	0.080082	0.006885	0.065689	0.388478
{1}-{4}	C	5	0.306250	0.080082	0.000410	0.144855	0.467645
{1}-{5}	C	10	0.408333	0.080082	0.000007	0.246939	0.569728
{2}-{3}	0.1	1	0.118750	0.080082	0.145240	-0.042645	0.280145
{2}-{4}	0.1	5	0.197917	0.080082	0.017399	0.036522	0.359311
{2}-{5}	0.1	10	0.300000	0.080082	0.000519	0.138605	0.461395
{3}-{4}	1	5	0.079167	0.080082	0.328278	-0.082228	0.240561
{3}-{5}	1	10	0.181250	0.080082	0.028602	0.019855	0.342645
{4}-{5}	5	10	0.102083	0.080082	0.209093	-0.059311	0.263478

**LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 11.581	{2} - 11.006	{3} - 9.6854	{4} - 8.4063	{5} - 6.2854
1	C		0.365839	0.004283	0.000008	0.000000
2	0.1	0.365839		0.041595	0.000159	0.000000
3	1	0.004283	0.041595		0.048143	0.000003
4	5	0.000008	0.000159	0.048143		0.001572
5	10	0.000000	0.000000	0.000003	0.001572	

**LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	0.575000	0.629289	0.365839	-0.693249	1.843249
{1}-{3}	C	1	1.895833	0.629289	0.004283	0.627584	3.164083
{1}-{4}	C	5	3.175000	0.629289	0.000008	1.906751	4.443249
{1}-{5}	C	10	5.295833	0.629289	0.000000	4.027584	6.564083
{2}-{3}	0.1	1	1.320833	0.629289	0.041595	0.052584	2.589083
{2}-{4}	0.1	5	2.600000	0.629289	0.000159	1.331751	3.868249
{2}-{5}	0.1	10	4.720833	0.629289	0.000000	3.452584	5.989083
{3}-{4}	1	5	1.279167	0.629289	0.048143	0.010917	2.547416

{3}-{5}	1	10	3.400000	0.629289	0.000003	2.131751	4.668249
{4}-{5}	5	10	2.120833	0.629289	0.001572	0.852584	3.389083

**LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 65.188	{2} - 72.938	{3} - 73.521	{4} - 64.792	{5} - 56.646
1	C		0.120215	0.095456	0.935861	0.087705
2	0.1	0.120215		0.905603	0.102908	0.001759
3	1	0.095456	0.905603		0.081185	0.001247
4	5	0.935861	0.102908	0.081185		0.102908
5	10	0.087705	0.001759	0.001247	0.102908	

**LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	-7.75000	4.890773	0.120215	-17.6067	2.10671
{1}-{3}	C	1	-8.33333	4.890773	0.095456	-18.1900	1.52337
{1}-{4}	C	5	0.39583	4.890773	0.935861	-9.4609	10.25254
{1}-{5}	C	10	8.54167	4.890773	0.087705	-1.3150	18.39837
{2}-{3}	0.1	1	-0.58333	4.890773	0.905603	-10.4400	9.27337

{2}-{4}	0.1	5	8.14583	4.890773	0.102908	-1.7109	18.00254
{2}-{5}	0.1	10	16.29167	4.890773	0.001759	6.4350	26.14837
{3}-{4}	1	5	8.72917	4.890773	0.081185	-1.1275	18.58587
{3}-{5}	1	10	16.87500	4.890773	0.001247	7.0183	26.73171
{4}-{5}	5	10	8.14583	4.890773	0.102908	-1.7109	18.00254

**LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 97.708	{2} - 97.333	{3} - 95.521	{4} - 101.42	{5} - 112.23
1	C		0.931308	0.615579	0.395918	0.001633
2	0.1	0.931308		0.677238	0.350321	0.001271
3	1	0.615579	0.677238		0.179808	0.000364
4	5	0.395918	0.350321	0.179808		0.016233
5	10	0.001633	0.001271	0.000364	0.016233	

**LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.3750	4.325535	0.931308	-8.3425	9.09254
{1}-{3}	C	1	2.1875	4.325535	0.615579	-6.5300	10.90504





Cell {#1}-{#2}							
{1}-{2}	C	0.1	3.14168	2.444963	0.205529	-1.7858	8.06918
{1}-{3}	C	1	3.83412	2.444963	0.124006	-1.0934	8.76162
{1}-{4}	C	5	-0.14265	2.444963	0.953739	-5.0701	4.78485
{1}-{5}	C	10	-4.95720	2.444963	0.048693	-9.8847	-0.02970
{2}-{3}	0.1	1	0.69243	2.444963	0.778345	-4.2351	5.61993
{2}-{4}	0.1	5	-3.28433	2.444963	0.186061	-8.2118	1.64317
{2}-{5}	0.1	10	-8.09888	2.444963	0.001855	-13.0264	-3.17138
{3}-{4}	1	5	-3.97676	2.444963	0.110982	-8.9043	0.95073
{3}-{5}	1	10	-8.79132	2.444963	0.000814	-13.7188	-3.86382
{4}-{5}	5	10	-4.81455	2.444963	0.055251	-9.7421	0.11295

**LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 69.229	{2} - 68.625	{3} - 66.646	{4} - 63.639	{5} - 58.958
1	C		0.778627	0.232976	0.012604	0.000018
2	0.1	0.778627		0.359221	0.025034	0.000045
3	1	0.232976	0.359221		0.168757	0.000806
4	5	0.012604	0.025034	0.168757		0.034827
5	10	0.000018	0.000045	0.000806	0.034827	

**LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	0.60417	2.136087	0.778627	-3.70083	4.90917
{1}-{3}	C	1	2.58333	2.136087	0.232976	-1.72167	6.88833
{1}-{4}	C	5	5.59048	2.149154	0.012604	1.25914	9.92181
{1}-{5}	C	10	10.27083	2.136087	0.000018	5.96583	14.57583
{2}-{3}	0.1	1	1.97917	2.136087	0.359221	-2.32583	6.28417
{2}-{4}	0.1	5	4.98631	2.149154	0.025034	0.65498	9.31765
{2}-{5}	0.1	10	9.66667	2.136087	0.000045	5.36167	13.97167
{3}-{4}	1	5	3.00714	2.149154	0.168757	-1.32419	7.33848
{3}-{5}	1	10	7.68750	2.136087	0.000806	3.38250	11.99250
{4}-{5}	5	10	4.68036	2.149154	0.034827	0.34902	9.01169

**LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests						
Effect: Concentration						
Cell No.	Concentration	{1} - 70.042	{2} - 70.875	{3} - 74.854	{4} - 76.251	{5} - 81.333
1	C		0.760722	0.083717	0.027849	0.000149
2	0.1	0.760722		0.150518	0.055215	0.000384
3	1	0.083717	0.150518		0.611384	0.021582
4	5	0.027849	0.055215	0.611384		0.069317
5	10	0.000149	0.000384	0.021582	0.069317	

**LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C	0.1	-0.8333	2.719480	0.760722	-6.3141	4.64742
{1}-{3}	C	1	-4.8125	2.719480	0.083717	-10.2933	0.66825
{1}-{4}	C	5	-6.2094	2.729717	0.027849	-11.7108	-0.70805
{1}-{5}	C	10	-11.2917	2.719480	0.000149	-16.7724	-5.81092
{2}-{3}	0.1	1	-3.9792	2.719480	0.150518	-9.4599	1.50158
{2}-{4}	0.1	5	-5.3761	2.729717	0.055215	-10.8775	0.12528
{2}-{5}	0.1	10	-10.4583	2.719480	0.000384	-15.9391	-4.97758
{3}-{4}	1	5	-1.3969	2.729717	0.611384	-6.8983	4.10445
{3}-{5}	1	10	-6.4792	2.719480	0.021582	-11.9599	-0.99842
{4}-{5}	5	10	-5.0822	2.729717	0.069317	-10.5836	0.41915

**LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration

Cell No.	Concentration	{1} - 50.817	{2} - 48.288	{3} - 46.319	{4} - 45.954	{5} - 42.493
1	C		0.103450	0.004970	0.002728	0.000002
2	0.1	0.103450		0.202118	0.134592	0.000427
3	1	0.004970	0.202118		0.812924	0.015608

4	5	0.002728	0.134592	0.812924		0.028776
5	10	0.000002	0.000427	0.015608	0.028776	

**LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Simultaneous confidence intervals  
 Effect: Concentration

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C	0.1	2.528883	1.520809	0.103450	-0.53611	5.59387
{1}-{3}	C	1	4.498139	1.520809	0.004970	1.43315	7.56313
{1}-{4}	C	5	4.862652	1.531053	0.002728	1.77702	7.94829
{1}-{5}	C	10	8.323891	1.520809	0.000002	5.25890	11.38888
{2}-{3}	0.1	1	1.969256	1.520809	0.202118	-1.09573	5.03424
{2}-{4}	0.1	5	2.333769	1.531053	0.134592	-0.75187	5.41940
{2}-{5}	0.1	10	5.795008	1.520809	0.000427	2.73002	8.86000
{3}-{4}	1	5	0.364514	1.531053	0.812924	-2.72112	3.45015
{3}-{5}	1	10	3.825752	1.520809	0.015608	0.76076	6.89074
{4}-{5}	5	10	3.461238	1.531053	0.028776	0.37560	6.54687

**LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Probabilities for Post Hoc Tests  
 Effect: Time Point

Cell No.	Time Point	{1} - 40.025	{2} - 38.607	{3} - 42.717	{4} - 42.367

1	30		0.707952	0.478360	0.537014
2	60	0.707952		0.281462	0.323771
3	120	0.478360	0.281462		0.926273
4	180	0.537014	0.323771	0.926273	

**LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	1.41833	3.753567	0.707952	-6.2184	9.055022
{1}-{3}	30	120	-2.69167	3.753567	0.478360	-10.3284	4.945022
{1}-{4}	30	180	-2.34167	3.753567	0.537014	-9.9784	5.295022
{2}-{3}	60	120	-4.11000	3.753567	0.281462	-11.7467	3.526689
{2}-{4}	60	180	-3.76000	3.753567	0.323771	-11.3967	3.876689
{3}-{4}	120	180	0.35000	3.753567	0.926273	-7.2867	7.986689

**LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 22.357	{2} - 19.818	{3} - 25.002	{4} - 27.055
1	30		0.133278	0.118258	0.007495
2	60	0.133278		0.003522	0.000110

3	120	0.118258	0.003522		0.221847
4	180	0.007495	0.000110	0.221847	

**LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	2.53833	1.649069	0.133278	-0.8167	5.89339
{1}-{3}	30	120	-2.64500	1.649069	0.118258	-6.0001	0.71006
{1}-{4}	30	180	-4.69833	1.649069	0.007495	-8.0534	-1.34328
{2}-{3}	60	120	-5.18333	1.649069	0.003522	-8.5384	-1.82828
{2}-{4}	60	180	-7.23667	1.649069	0.000110	-10.5917	-3.88161
{3}-{4}	120	180	-2.05333	1.649069	0.221847	-5.4084	1.30172

**LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 37.628	{2} - 41.585	{3} - 32.273	{4} - 30.598
1	30		0.338178	0.197455	0.093556
2	60	0.338178		0.028727	0.010888
3	120	0.197455	0.028727		0.683414
4	180	0.093556	0.010888	0.683414	

**LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-3.95667	4.071126	0.338178	-12.2394	4.32610
{1}-{3}	30	120	5.35500	4.071126	0.197455	-2.9278	13.63777
{1}-{4}	30	180	7.03000	4.071126	0.093556	-1.2528	15.31277
{2}-{3}	60	120	9.31167	4.071126	0.028727	1.0289	17.59443
{2}-{4}	60	180	10.98667	4.071126	0.010888	2.7039	19.26943
{3}-{4}	120	180	1.67500	4.071126	0.683414	-6.6078	9.95777

**LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 59.985	{2} - 61.403	{3} - 57.275	{4} - 57.653
1	30		0.708067	0.475573	0.538911
2	60	0.708067		0.279555	0.325237
3	120	0.475573	0.279555		0.920357
4	180	0.538911	0.325237	0.920357	

**LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-1.41833	3.755118	0.708067	-9.05818	6.22151
{1}-{3}	30	120	2.71000	3.755118	0.475573	-4.92985	10.34985
{1}-{4}	30	180	2.33167	3.755118	0.538911	-5.30818	9.97151
{2}-{3}	60	120	4.12833	3.755118	0.279555	-3.51151	11.76818
{2}-{4}	60	180	3.75000	3.755118	0.325237	-3.88985	11.38985
{3}-{4}	120	180	-0.37833	3.755118	0.920357	-8.01818	7.26151

**LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 35.970	{2} - 40.483	{3} - 30.815	{4} - 28.725
1	30		0.283377	0.221691	0.089312
2	60	0.283377		0.025709	0.007647
3	120	0.221691	0.025709		0.616918
4	180	0.089312	0.007647	0.616918	

**LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals							
Effect: Time Point							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt





{1}-{2}	30	60	2.47000	1.530613	0.116109	-0.64406	5.58406
{1}-{3}	30	120	-0.51667	1.530613	0.737836	-3.63072	2.59739
{1}-{4}	30	180	-3.49167	1.530613	0.029120	-6.60572	-0.37761
{2}-{3}	60	120	-2.98667	1.530613	0.059555	-6.10072	0.12739
{2}-{4}	60	180	-5.96167	1.530613	0.000453	-9.07572	-2.84761
{3}-{4}	120	180	-2.97500	1.530613	0.060504	-6.08906	0.13906

**LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 8.6650	{2} - 8.0450	{3} - 10.540	{4} - 10.382
1	30		0.496344	0.045345	0.065583
2	60	0.496344		0.009175	0.014092
3	120	0.045345	0.009175		0.861631
4	180	0.065583	0.014092	0.861631	

**LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.62000	0.901338	0.496344	-1.21379	2.453785
{1}-{3}	30	120	-1.87500	0.901338	0.045345	-3.70879	-0.041215

{1}-{4}	30	180	-1.71667	0.901338	0.065583	-3.55045	0.117118
{2}-{3}	60	120	-2.49500	0.901338	0.009175	-4.32879	-0.661215
{2}-{4}	60	180	-2.33667	0.901338	0.014092	-4.17045	-0.502882
{3}-{4}	120	180	0.15833	0.901338	0.861631	-1.67545	1.992118

**LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 40.025	{2} - 38.607	{3} - 42.715	{4} - 42.350
1	30		0.707980	0.478675	0.539940
2	60	0.707980		0.281702	0.325936
3	120	0.478675	0.281702		0.923131
4	180	0.539940	0.325936	0.923131	

**LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	1.41833	3.753944	0.707980	-6.2191	9.055790
{1}-{3}	30	120	-2.69000	3.753944	0.478675	-10.3275	4.947457
{1}-{4}	30	180	-2.32500	3.753944	0.539940	-9.9625	5.312457
{2}-{3}	60	120	-4.10833	3.753944	0.281702	-11.7458	3.529123

{2}-{4}	60	180	-3.74333	3.753944	0.325936	-11.3808	3.894123
{3}-{4}	120	180	0.36500	3.753944	0.923131	-7.2725	8.002457

**LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 7.8950	{2} - 10.925	{3} - 8.1983	{4} - 6.0533
1	30		0.155990	0.885324	0.383922
2	60	0.155990		0.200418	0.025817
3	120	0.885324	0.200418		0.311527
4	180	0.383922	0.025817	0.311527	

**LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-3.03000	2.087016	0.155990	-7.27607	1.216066
{1}-{3}	30	120	-0.30333	2.087016	0.885324	-4.54940	3.942732
{1}-{4}	30	180	1.84167	2.087016	0.383922	-2.40440	6.087732
{2}-{3}	60	120	2.72667	2.087016	0.200418	-1.51940	6.972732
{2}-{4}	60	180	4.87167	2.087016	0.025817	0.62560	9.117732
{3}-{4}	120	180	2.14500	2.087016	0.311527	-2.10107	6.391066

**LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 29.463	{2} - 30.667	{3} - 24.063	{4} - 25.052
1	30		0.688804	0.078928	0.148034
2	60	0.688804		0.033619	0.068228
3	120	0.078928	0.033619		0.742113
4	180	0.148034	0.068228	0.742113	

**LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-1.20333	2.978399	0.688804	-7.26293	4.85627
{1}-{3}	30	120	5.40000	2.978399	0.078928	-0.65960	11.45960
{1}-{4}	30	180	4.41167	2.978399	0.148034	-1.64793	10.47127
{2}-{3}	60	120	6.60333	2.978399	0.033619	0.54373	12.66293
{2}-{4}	60	180	5.61500	2.978399	0.068228	-0.44460	11.67460
{3}-{4}	120	180	-0.98833	2.978399	0.742113	-7.04793	5.07127

**LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point					
Cell No.	Time Point	{1} - 21.507	{2} - 19.818	{3} - 24.668	{4} - 27.222
1	30		0.364614	0.094520	0.003823
2	60	0.364614		0.012538	0.000308
3	120	0.094520	0.012538		0.173750
4	180	0.003823	0.000308	0.173750	

**LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	1.68833	1.836558	0.364614	-2.0482	5.42484
{1}-{3}	30	120	-3.16167	1.836558	0.094520	-6.8982	0.57484
{1}-{4}	30	180	-5.71500	1.836558	0.003823	-9.4515	-1.97850
{2}-{3}	60	120	-4.85000	1.836558	0.012538	-8.5865	-1.11350
{2}-{4}	60	180	-7.40333	1.836558	0.000308	-11.1398	-3.66683
{3}-{4}	120	180	-2.55333	1.836558	0.173750	-6.2898	1.18317

**LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)					
Probabilities for Post Hoc Tests					
Effect: Time Point					
Time Point	{1} - 39.525	{2} - 38.592	{3} - 42.567	{4} - 42.517	

Cell No.					
1	30		0.799027	0.408908	0.416574
2	60	0.799027		0.282249	0.288242
3	120	0.408908	0.282249		0.989112
4	180	0.416574	0.288242	0.989112	

**LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.93333	3.636323	0.799027	-6.4648	8.331488
{1}-{3}	30	120	-3.04167	3.636323	0.408908	-10.4398	4.356488
{1}-{4}	30	180	-2.99167	3.636323	0.416574	-10.3898	4.406488
{2}-{3}	60	120	-3.97500	3.636323	0.282249	-11.3732	3.423155
{2}-{4}	60	180	-3.92500	3.636323	0.288242	-11.3232	3.473155
{3}-{4}	120	180	0.05000	3.636323	0.989112	-7.3482	7.448155

**LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 12.530	{2} - 11.815	{3} - 11.010	{4} - 11.807
1	30		0.267760	0.022381	0.262327

2	60	0.267760		0.213263	0.989597
3	120	0.022381	0.213263		0.217928
4	180	0.262327	0.989597	0.217928	

**LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.715000	0.634278	0.267760	-0.57545	2.005448
{1}-{3}	30	120	1.520000	0.634278	0.022381	0.22955	2.810448
{1}-{4}	30	180	0.723333	0.634278	0.262327	-0.56711	2.013781
{2}-{3}	60	120	0.805000	0.634278	0.213263	-0.48545	2.095448
{2}-{4}	60	180	0.008333	0.634278	0.989597	-1.28211	1.298781
{3}-{4}	120	180	-0.796667	0.634278	0.217928	-2.08711	0.493781

**LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 10.293	{2} - 10.497	{3} - 9.4217	{4} - 10.170
1	30		0.838609	0.385200	0.901660
2	60	0.838609		0.285641	0.743631
3	120	0.385200	0.285641		0.455294



4	180	0.901660	0.743631	0.455294	
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**LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-0.203333	0.990482	0.838609	-2.21848	1.811817
{1}-{3}	30	120	0.871667	0.990482	0.385200	-1.14348	2.886817
{1}-{4}	30	180	0.123333	0.990482	0.901660	-1.89182	2.138484
{2}-{3}	60	120	1.075000	0.990482	0.285641	-0.94015	3.090151
{2}-{4}	60	180	0.326667	0.990482	0.743631	-1.68848	2.341817
{3}-{4}	120	180	-0.748333	0.990482	0.455294	-2.76348	1.266817

**LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 9.7733	{2} - 9.6500	{3} - 10.748	{4} - 11.162
1	30		0.873960	0.215152	0.081076
2	60	0.873960		0.163926	0.058552
3	120	0.215152	0.163926		0.595710
4	180	0.081076	0.058552	0.595710	

**LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	0.12333	0.771475	0.873960	-1.44624	1.692911
{1}-{3}	30	120	-0.97500	0.771475	0.215152	-2.54458	0.594577
{1}-{4}	30	180	-1.38833	0.771475	0.081076	-2.95791	0.181244
{2}-{3}	60	120	-1.09833	0.771475	0.163926	-2.66791	0.471244
{2}-{4}	60	180	-1.51167	0.771475	0.058552	-3.08124	0.057911
{3}-{4}	120	180	-0.41333	0.771475	0.595710	-1.98291	1.156244

**LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 9.3767	{2} - 9.0177	{3} - 9.8050	{4} - 9.5667
1	30		0.519373	0.442655	0.732514
2	60	0.519373		0.162588	0.326510
3	120	0.442655	0.162588		0.668281
4	180	0.732514	0.326510	0.668281	

**LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	0.359000	0.551219	0.519373	-0.76246	1.480462
{1}-{3}	30	120	-0.428333	0.551219	0.442655	-1.54980	0.693129
{1}-{4}	30	180	-0.190000	0.551219	0.732514	-1.31146	0.931462
{2}-{3}	60	120	-0.787333	0.551219	0.162588	-1.90880	0.334129
{2}-{4}	60	180	-0.549000	0.551219	0.326510	-1.67046	0.572462
{3}-{4}	120	180	0.238333	0.551219	0.668281	-0.88313	1.359796

**LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 52.670	{2} - 56.582	{3} - 45.363	{4} - 43.615
1	30		0.341135	0.080341	0.032241
2	60	0.341135		0.009131	0.003019
3	120	0.080341	0.009131		0.668768
4	180	0.032241	0.003019	0.668768	

**LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals							
Effect: Time Point							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt



{1}-{2}	30	60	-3.42167	2.338587	0.152891	-8.17956	1.33622
{1}-{3}	30	120	0.86333	2.338587	0.714360	-3.89456	5.62122
{1}-{4}	30	180	2.99833	2.338587	0.208737	-1.75956	7.75622
{2}-{3}	60	120	4.28500	2.338587	0.075944	-0.47289	9.04289
{2}-{4}	60	180	6.42000	2.338587	0.009709	1.66211	11.17789
{3}-{4}	120	180	2.13500	2.338587	0.367894	-2.62289	6.89289

**LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 28.680	{2} - 31.883	{3} - 24.623	{4} - 22.370
1	30		0.281240	0.174650	0.038311
2	60	0.281240		0.018295	0.002633
3	120	0.174650	0.018295		0.446430
4	180	0.038311	0.002633	0.446430	

**LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-3.20333	2.924151	0.281240	-9.15256	2.74590
{1}-{3}	30	120	4.05667	2.924151	0.174650	-1.89256	10.00590

{1}-{4}	30	180	6.31000	2.924151	0.038311	0.36077	12.25923
{2}-{3}	60	120	7.26000	2.924151	0.018295	1.31077	13.20923
{2}-{4}	60	180	9.51333	2.924151	0.002633	3.56410	15.46256
{3}-{4}	120	180	2.25333	2.924151	0.446430	-3.69590	8.20256

**LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 29.123	{2} - 33.847	{3} - 29.438	{4} - 27.795
1	30		0.087330	0.907169	0.623513
2	60	0.087330		0.109567	0.030714
3	120	0.907169	0.109567		0.544056
4	180	0.623513	0.030714	0.544056	

**LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-4.72333	2.680653	0.087330	-10.1772	0.73050
{1}-{3}	30	120	-0.31500	2.680653	0.907169	-5.7688	5.13883
{1}-{4}	30	180	1.32833	2.680653	0.623513	-4.1255	6.78216
{2}-{3}	60	120	4.40833	2.680653	0.109567	-1.0455	9.86216

{2}-{4}	60	180	6.05167	2.680653	0.030714	0.5978	11.50550
{3}-{4}	120	180	1.64333	2.680653	0.544056	-3.8105	7.09716

**LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 53.302	{2} - 59.850	{3} - 53.738	{4} - 53.413
1	30		0.041183	0.888188	0.971315
2	60	0.041183		0.055731	0.044542
3	120	0.888188	0.055731		0.916653
4	180	0.971315	0.044542	0.916653	

**LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-6.54833	3.081889	0.041183	-12.8185	-0.27818
{1}-{3}	30	120	-0.43667	3.081889	0.888188	-6.7068	5.83348
{1}-{4}	30	180	-0.11167	3.081889	0.971315	-6.3818	6.15848
{2}-{3}	60	120	6.11167	3.081889	0.055731	-0.1585	12.38182
{2}-{4}	60	180	6.43667	3.081889	0.044542	0.1665	12.70682
{3}-{4}	120	180	0.32500	3.081889	0.916653	-5.9452	6.59515

**LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 53.345	{2} - 56.067	{3} - 53.237	{4} - 49.612
1	30		0.261757	0.964024	0.126840
2	60	0.261757		0.243608	0.010642
3	120	0.964024	0.243608		0.137845
4	180	0.126840	0.010642	0.137845	

**LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-2.72167	2.383675	0.261757	-7.57129	2.12796
{1}-{3}	30	120	0.10833	2.383675	0.964024	-4.74129	4.95796
{1}-{4}	30	180	3.73333	2.383675	0.126840	-1.11629	8.58296
{2}-{3}	60	120	2.83000	2.383675	0.243608	-2.01962	7.67962
{2}-{4}	60	180	6.45500	2.383675	0.010642	1.60538	11.30462
{3}-{4}	120	180	3.62500	2.383675	0.137845	-1.22462	8.47462

**LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests



Effect: Time Point					
Cell No.	Time Point	{1} - 1.3483	{2} - 1.6717	{3} - 1.3250	{4} - 1.3400
1	30		0.062549	0.890213	0.960677
2	60	0.062549		0.046682	0.056413
3	120	0.890213	0.046682		0.929285
4	180	0.960677	0.056413	0.929285	

**LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Simultaneous confidence intervals  
 Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-0.323333	0.167739	0.062549	-0.664601	0.017934
{1}-{3}	30	120	0.023333	0.167739	0.890213	-0.317934	0.364601
{1}-{4}	30	180	0.008333	0.167739	0.960677	-0.332934	0.349601
{2}-{3}	60	120	0.346667	0.167739	0.046682	0.005399	0.687934
{2}-{4}	60	180	0.331667	0.167739	0.056413	-0.009601	0.672934
{3}-{4}	120	180	-0.015000	0.167739	0.929285	-0.356268	0.326268

**LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)  
 Probabilities for Post Hoc Tests  
 Effect: Time Point

Time Point	{1} - 8.7817	{2} - 12.272	{3} - 8.5600	{4} - 7.9583
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Cell No.					
1	30		0.042432	0.894154	0.621779
2	60	0.042432		0.031583	0.013541
3	120	0.894154	0.031583		0.718231
4	180	0.621779	0.013541	0.718231	

**LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	-3.49000	1.653242	0.042432	-6.85355	-0.126453
{1}-{3}	30	120	0.22167	1.653242	0.894154	-3.14188	3.585213
{1}-{4}	30	180	0.82333	1.653242	0.621779	-2.54021	4.186880
{2}-{3}	60	120	3.71167	1.653242	0.031583	0.34812	7.075213
{2}-{4}	60	180	4.31333	1.653242	0.013541	0.94979	7.676880
{3}-{4}	120	180	0.60167	1.653242	0.718231	-2.76188	3.965213

**LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 87.283	{2} - 74.433	{3} - 55.967	{4} - 48.783
1	30		0.110975	0.000345	0.000024

2	60	0.110975		0.024700	0.002525
3	120	0.000345	0.024700		0.366556
4	180	0.000024	0.002525	0.366556	

**LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	12.85000	7.846102	0.110975	-3.11301	28.81301
{1}-{3}	30	120	31.31667	7.846102	0.000345	15.35365	47.27968
{1}-{4}	30	180	38.50000	7.846102	0.000024	22.53699	54.46301
{2}-{3}	60	120	18.46667	7.846102	0.024700	2.50365	34.42968
{2}-{4}	60	180	25.65000	7.846102	0.002525	9.68699	41.61301
{3}-{4}	120	180	7.18333	7.846102	0.366556	-8.77968	23.14635

**LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 80.883	{2} - 93.200	{3} - 113.15	{4} - 116.13
1	30		0.133916	0.000313	0.000107
2	60	0.133916		0.018030	0.007271
3	120	0.000313	0.018030		0.712121

4	180	0.000107	0.007271	0.712121	
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**LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-12.3167	8.015331	0.133916	-28.6240	3.9906
{1}-{3}	30	120	-32.2667	8.015331	0.000313	-48.5740	-15.9594
{1}-{4}	30	180	-35.2500	8.015331	0.000107	-51.5573	-18.9427
{2}-{3}	60	120	-19.9500	8.015331	0.018030	-36.2573	-3.6427
{2}-{4}	60	180	-22.9333	8.015331	0.007271	-39.2406	-6.6260
{3}-{4}	120	180	-2.9833	8.015331	0.712121	-19.2906	13.3240

**LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 50.926	{2} - 57.508	{3} - 66.581	{4} - 70.655
1	30		0.098412	0.000296	0.000014
2	60	0.098412		0.025229	0.001793
3	120	0.000296	0.025229		0.300146
4	180	0.000014	0.001793	0.300146	

**LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	30	60	-6.5818	3.870124	0.098412	-14.4556	1.2920
{1}-{3}	30	120	-15.6547	3.870124	0.000296	-23.5285	-7.7809
{1}-{4}	30	180	-19.7286	3.870124	0.000014	-27.6024	-11.8548
{2}-{3}	60	120	-9.0729	3.870124	0.025229	-16.9467	-1.1991
{2}-{4}	60	180	-13.1468	3.870124	0.001793	-21.0206	-5.2730
{3}-{4}	120	180	-4.0739	3.870124	0.300146	-11.9477	3.7999

**LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Time Point

Cell No.	Time Point	{1} - 72.833	{2} - 69.167	{3} - 62.767	{4} - 56.911
1	30		0.384893	0.021304	0.000559
2	60	0.384893		0.133808	0.005949
3	120	0.021304	0.133808		0.169393
4	180	0.000559	0.005949	0.169393	

**LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	30	60	3.66667	4.163744	0.384893	-4.80454	12.13787
{1}-{3}	30	120	10.06667	4.163744	0.021304	1.59546	18.53787
{1}-{4}	30	180	15.92238	4.168046	0.000559	7.44243	24.40234
{2}-{3}	60	120	6.40000	4.163744	0.133808	-2.07120	14.87120
{2}-{4}	60	180	12.25572	4.168046	0.005949	3.77576	20.73567
{3}-{4}	120	180	5.85572	4.168046	0.169393	-2.62424	14.33567

**LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests					
Effect: Time Point					
Cell No.	Time Point	{1} - 66.100	{2} - 70.933	{3} - 77.650	{4} - 84.001
1	30		0.261822	0.010128	0.000177
2	60	0.261822		0.122168	0.004116
3	120	0.010128	0.122168		0.143486
4	180	0.000177	0.004116	0.143486	

**LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals							
Effect: Time Point							
	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt



{1}-{2}	30	60	5.32627	2.676390	0.054918	-0.11889	10.77142
{1}-{3}	30	120	7.77967	2.676390	0.006479	2.33451	13.22483
{1}-{4}	30	180	11.26424	2.680125	0.000188	5.81149	16.71700
{2}-{3}	60	120	2.45340	2.676390	0.365959	-2.99175	7.89856
{2}-{4}	60	180	5.93798	2.680125	0.033732	0.48522	11.39073
{3}-{4}	120	180	3.48457	2.680125	0.202556	-1.96818	8.93733

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 42.092	{2} - 35.400	{3} - 31.708	{4} - 43.500	{5} - 41.383	{6} - 38.800	{7} - 36.000	{8} - 38.208	{9} - 36.767	{10} - 41.533	{11} - 42.067	{12} - 42.533	{13} - 41.358	{14} - 38.158	{15} - 50.883	{16} - 45.717	{17} - 38.525	{18} - 39.142	{19} - 52.925	{20} - 41.875
1	C	30		0.220718	0.058399	0.796069	0.885311	0.574708	0.299761	0.508075	0.279263	0.924129	0.996598	0.939948	0.881293	0.502638	0.135368	0.536657	0.468088	0.615002	0.066351	0.970519
2	C	60	0.220718		0.498444	0.138766	0.308403	0.489094	0.918486	0.632070	0.815691	0.213014	0.256640	0.224997	0.310421	0.574543	0.009134	0.080202	0.594206	0.446586	0.003279	0.270502
3	C	120	0.058399	0.498444		0.031935	0.100623	0.227702	0.382829	0.268665	0.388911	0.095508	0.036450	0.066558	0.101496	0.272347	0.000146	0.018074	0.246145	0.206204	0.000029	0.084642
4	C	180	0.796069	0.138766	0.031935		0.718133	0.423298	0.202189	0.282270	0.251937	0.737333	0.806875	0.843954	0.714950	0.362977	0.209253	0.651824	0.396750	0.457705	0.109636	0.740759
5	0.1	30	0.885311	0.308403	0.100623	0.718133		0.635560	0.324047	0.560344	0.347952	0.979588	0.907213	0.844498	0.995938	0.582471	0.106867	0.460283	0.560769	0.702269	0.050652	0.933165
6	0.1	60	0.574708	0.489094	0.227702	0.423298	0.635560		0.607514	0.913531	0.728778	0.578012	0.577613	0.524572	0.662675	0.896040	0.040881	0.239320	0.962587	0.944531	0.017155	0.600115
7	0.1	120	0.299761	0.918486	0.382829	0.202189	0.324047	0.607514		0.685354	0.895959	0.346069	0.218001	0.266229	0.361486	0.712831	0.002884	0.099180	0.666801	0.592243	0.000745	0.317210
8	0.1	180	0.508075	0.632070	0.268665	0.282270	0.560344	0.913531	0.685354		0.805775	0.570846	0.510806	0.379156	0.591262	0.993195	0.032100	0.127940	0.956924	0.873517	0.013103	0.455731
9	1	30	0.279263	0.815691	0.388911	0.251937	0.347952	0.728778	0.895959	0.805775		0.382360	0.331566	0.290917	0.350560	0.812382	0.017219	0.128530	0.720357	0.685490	0.006576	0.384253
10	1	60	0.924129	0.213014	0.095508	0.737333	0.979588	0.578012	0.346069	0.570846	0.382360		0.922027	0.854392	0.976187	0.492289	0.112462	0.475925	0.608034	0.626384	0.053684	0.953527
11	1	120	0.996598	0.256640	0.036450	0.806875	0.907213	0.577613	0.218001	0.510806	0.331566	0.922027		0.931748	0.903835	0.505353	0.074329	0.533856	0.546049	0.617999	0.028447	0.973919
12	1	180	0.939948	0.224997	0.066558	0.843954	0.844498	0.524572	0.266229	0.379156	0.290917	0.854392	0.931748		0.841162	0.455990	0.155947	0.517153	0.494541	0.563158	0.078055	0.893356
13	5	30	0.881293	0.310421	0.101496	0.714950	0.995938	0.662675	0.361486	0.591262	0.350560	0.976187	0.903835	0.841162		0.557264	0.082194	0.424341	0.564197	0.705431	0.050161	0.929775
14	5	60	0.502638	0.574543	0.272347	0.362977	0.582471	0.896040	0.712831	0.993195	0.812382	0.492289	0.505353	0.455990	0.557264		0.020792	0.166927	0.950131	0.841299	0.012803	0.526422



15	5	120	0.135368	0.009134	0.000146	0.209253	0.106867	0.040881	0.002884	0.032100	0.017219	0.112462	0.074329	0.155947	0.082194	0.020792	0.343832	0.036572	0.046835	0.677680	0.126080
16	5	180	0.536657	0.080202	0.018074	0.651824	0.460283	0.239320	0.099180	0.127940	0.128530	0.475925	0.533856	0.517153	0.424341	0.166927	0.343832	0.221249	0.263206	0.220187	0.434559
17	10	30	0.468088	0.594206	0.246145	0.396750	0.560769	0.962587	0.666801	0.956924	0.720357	0.608034	0.546049	0.494541	0.564197	0.950131	0.036572	0.221249	0.909893	0.009088	0.538962
18	10	60	0.615002	0.446586	0.206204	0.457705	0.702269	0.944531	0.592243	0.873517	0.685490	0.626384	0.617999	0.563158	0.705431	0.841299	0.046835	0.263206	0.909893	0.012431	0.616084
19	10	120	0.066351	0.003279	0.000029	0.109636	0.050652	0.017155	0.000745	0.013103	0.006576	0.053684	0.028447	0.078055	0.050161	0.012803	0.677680	0.220187	0.009088	0.012431	0.044176
20	10	180	0.970519	0.270502	0.084642	0.740759	0.933165	0.600115	0.317210	0.455731	0.384253	0.953527	0.973919	0.893356	0.929775	0.526422	0.126080	0.434559	0.538962	0.616084	0.044176

**LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	6.6917	5.438408	0.220718	-4.0660	17.4494
{1}-{3}	C*30	C*120	10.3833	5.438408	0.058399	-0.3744	21.1410
{1}-{4}	C*30	C*180	-1.4083	5.438408	0.796069	-12.1660	9.3494
{1}-{5}	C*30	0.1*30	0.7083	4.901311	0.885311	-8.9869	10.4036
{1}-{6}	C*30	0.1*60	3.2917	5.851527	0.574708	-8.2832	14.8666
{1}-{7}	C*30	0.1*120	6.0917	5.851527	0.299761	-5.4832	17.6666
{1}-{8}	C*30	0.1*180	3.8833	5.851527	0.508075	-7.6916	15.4582
{1}-{9}	C*30	1*30	5.3250	4.901311	0.279263	-4.3703	15.0203
{1}-{10}	C*30	1*60	0.5583	5.851527	0.924129	-11.0166	12.1332
{1}-{11}	C*30	1*120	0.0250	5.851527	0.996598	-11.5499	11.5999
{1}-{12}	C*30	1*180	-0.4417	5.851527	0.939948	-12.0166	11.1332
{1}-{13}	C*30	5*30	0.7333	4.901311	0.881293	-8.9619	10.4286
{1}-{14}	C*30	5*60	3.9333	5.851527	0.502638	-7.6416	15.5082

{1}-{15}	C*30	5*120	-8.7917	5.851527	0.135368	-20.3666	2.7832
{1}-{16}	C*30	5*180	-3.6250	5.851527	0.536657	-15.1999	7.9499
{1}-{17}	C*30	10*30	3.5667	4.901311	0.468088	-6.1286	13.2619
{1}-{18}	C*30	10*60	2.9500	5.851527	0.615002	-8.6249	14.5249
{1}-{19}	C*30	10*120	-10.8333	5.851527	0.066351	-22.4082	0.7416
{1}-{20}	C*30	10*180	0.2167	5.851527	0.970519	-11.3582	11.7916
{2}-{3}	C*60	C*120	3.6917	5.438408	0.498444	-7.0660	14.4494
{2}-{4}	C*60	C*180	-8.1000	5.438408	0.138766	-18.8577	2.6577
{2}-{5}	C*60	0.1*30	-5.9833	5.851527	0.308403	-17.5582	5.5916
{2}-{6}	C*60	0.1*60	-3.4000	4.901311	0.489094	-13.0953	6.2953
{2}-{7}	C*60	0.1*120	-0.6000	5.851527	0.918486	-12.1749	10.9749
{2}-{8}	C*60	0.1*180	-2.8083	5.851527	0.632070	-14.3832	8.7666
{2}-{9}	C*60	1*30	-1.3667	5.851527	0.815691	-12.9416	10.2082
{2}-{10}	C*60	1*60	-6.1333	4.901311	0.213014	-15.8286	3.5619
{2}-{11}	C*60	1*120	-6.6667	5.851527	0.256640	-18.2416	4.9082
{2}-{12}	C*60	1*180	-7.1333	5.851527	0.224997	-18.7082	4.4416
{2}-{13}	C*60	5*30	-5.9583	5.851527	0.310421	-17.5332	5.6166
{2}-{14}	C*60	5*60	-2.7583	4.901311	0.574543	-12.4536	6.9369
{2}-{15}	C*60	5*120	-15.4833	5.851527	0.009134	-27.0582	-3.9084
{2}-{16}	C*60	5*180	-10.3167	5.851527	0.080202	-21.8916	1.2582
{2}-{17}	C*60	10*30	-3.1250	5.851527	0.594206	-14.6999	8.4499
{2}-{18}	C*60	10*60	-3.7417	4.901311	0.446586	-13.4369	5.9536
{2}-{19}	C*60	10*120	-17.5250	5.851527	0.003279	-29.0999	-5.9501
{2}-{20}	C*60	10*180	-6.4750	5.851527	0.270502	-18.0499	5.0999
{3}-{4}	C*120	C*180	-11.7917	5.438408	0.031935	-22.5494	-1.0340
{3}-{5}	C*120	0.1*30	-9.6750	5.851527	0.100623	-21.2499	1.8999

{3}-{6}	C*120	0.1*60	-7.0917	5.851527	0.227702	-18.6666	4.4832
{3}-{7}	C*120	0.1*120	-4.2917	4.901311	0.382829	-13.9869	5.4036
{3}-{8}	C*120	0.1*180	-6.5000	5.851527	0.268665	-18.0749	5.0749
{3}-{9}	C*120	1*30	-5.0583	5.851527	0.388911	-16.6332	6.5166
{3}-{10}	C*120	1*60	-9.8250	5.851527	0.095508	-21.3999	1.7499
{3}-{11}	C*120	1*120	-10.3583	4.901311	0.036450	-20.0536	-0.6631
{3}-{12}	C*120	1*180	-10.8250	5.851527	0.066558	-22.3999	0.7499
{3}-{13}	C*120	5*30	-9.6500	5.851527	0.101496	-21.2249	1.9249
{3}-{14}	C*120	5*60	-6.4500	5.851527	0.272347	-18.0249	5.1249
{3}-{15}	C*120	5*120	-19.1750	4.901311	0.000146	-28.8703	-9.4797
{3}-{16}	C*120	5*180	-14.0083	5.851527	0.018074	-25.5832	-2.4334
{3}-{17}	C*120	10*30	-6.8167	5.851527	0.246145	-18.3916	4.7582
{3}-{18}	C*120	10*60	-7.4333	5.851527	0.206204	-19.0082	4.1416
{3}-{19}	C*120	10*120	-21.2167	4.901311	0.000029	-30.9119	-11.5214
{3}-{20}	C*120	10*180	-10.1667	5.851527	0.084642	-21.7416	1.4082
{4}-{5}	C*180	0.1*30	2.1167	5.851527	0.718133	-9.4582	13.6916
{4}-{6}	C*180	0.1*60	4.7000	5.851527	0.423298	-6.8749	16.2749
{4}-{7}	C*180	0.1*120	7.5000	5.851527	0.202189	-4.0749	19.0749
{4}-{8}	C*180	0.1*180	5.2917	4.901311	0.282270	-4.4036	14.9869
{4}-{9}	C*180	1*30	6.7333	5.851527	0.251937	-4.8416	18.3082
{4}-{10}	C*180	1*60	1.9667	5.851527	0.737333	-9.6082	13.5416
{4}-{11}	C*180	1*120	1.4333	5.851527	0.806875	-10.1416	13.0082
{4}-{12}	C*180	1*180	0.9667	4.901311	0.843954	-8.7286	10.6619
{4}-{13}	C*180	5*30	2.1417	5.851527	0.714950	-9.4332	13.7166
{4}-{14}	C*180	5*60	5.3417	5.851527	0.362977	-6.2332	16.9166
{4}-{15}	C*180	5*120	-7.3833	5.851527	0.209253	-18.9582	4.1916

{4}-{16}	C*180	5*180	-2.2167	4.901311	0.651824	-11.9119	7.4786
{4}-{17}	C*180	10*30	4.9750	5.851527	0.396750	-6.5999	16.5499
{4}-{18}	C*180	10*60	4.3583	5.851527	0.457705	-7.2166	15.9332
{4}-{19}	C*180	10*120	-9.4250	5.851527	0.109636	-20.9999	2.1499
{4}-{20}	C*180	10*180	1.6250	4.901311	0.740759	-8.0703	11.3203
{5}-{6}	0.1*30	0.1*60	2.5833	5.438408	0.635560	-8.1744	13.3410
{5}-{7}	0.1*30	0.1*120	5.3833	5.438408	0.324047	-5.3744	16.1410
{5}-{8}	0.1*30	0.1*180	3.1750	5.438408	0.560344	-7.5827	13.9327
{5}-{9}	0.1*30	1*30	4.6167	4.901311	0.347952	-5.0786	14.3119
{5}-{10}	0.1*30	1*60	-0.1500	5.851527	0.979588	-11.7249	11.4249
{5}-{11}	0.1*30	1*120	-0.6833	5.851527	0.907213	-12.2582	10.8916
{5}-{12}	0.1*30	1*180	-1.1500	5.851527	0.844498	-12.7249	10.4249
{5}-{13}	0.1*30	5*30	0.0250	4.901311	0.995938	-9.6703	9.7203
{5}-{14}	0.1*30	5*60	3.2250	5.851527	0.582471	-8.3499	14.7999
{5}-{15}	0.1*30	5*120	-9.5000	5.851527	0.106867	-21.0749	2.0749
{5}-{16}	0.1*30	5*180	-4.3333	5.851527	0.460283	-15.9082	7.2416
{5}-{17}	0.1*30	10*30	2.8583	4.901311	0.560769	-6.8369	12.5536
{5}-{18}	0.1*30	10*60	2.2417	5.851527	0.702269	-9.3332	13.8166
{5}-{19}	0.1*30	10*120	-11.5417	5.851527	0.050652	-23.1166	0.0332
{5}-{20}	0.1*30	10*180	-0.4917	5.851527	0.933165	-12.0666	11.0832
{6}-{7}	0.1*60	0.1*120	2.8000	5.438408	0.607514	-7.9577	13.5577
{6}-{8}	0.1*60	0.1*180	0.5917	5.438408	0.913531	-10.1660	11.3494
{6}-{9}	0.1*60	1*30	2.0333	5.851527	0.728778	-9.5416	13.6082
{6}-{10}	0.1*60	1*60	-2.7333	4.901311	0.578012	-12.4286	6.9619
{6}-{11}	0.1*60	1*120	-3.2667	5.851527	0.577613	-14.8416	8.3082
{6}-{12}	0.1*60	1*180	-3.7333	5.851527	0.524572	-15.3082	7.8416

{6}-{13}	0.1*60	5*30	-2.5583	5.851527	0.662675	-14.1332	9.0166
{6}-{14}	0.1*60	5*60	0.6417	4.901311	0.896040	-9.0536	10.3369
{6}-{15}	0.1*60	5*120	-12.0833	5.851527	0.040881	-23.6582	-0.5084
{6}-{16}	0.1*60	5*180	-6.9167	5.851527	0.239320	-18.4916	4.6582
{6}-{17}	0.1*60	10*30	0.2750	5.851527	0.962587	-11.2999	11.8499
{6}-{18}	0.1*60	10*60	-0.3417	4.901311	0.944531	-10.0369	9.3536
{6}-{19}	0.1*60	10*120	-14.1250	5.851527	0.017155	-25.6999	-2.5501
{6}-{20}	0.1*60	10*180	-3.0750	5.851527	0.600115	-14.6499	8.4999
{7}-{8}	0.1*120	0.1*180	-2.2083	5.438408	0.685354	-12.9660	8.5494
{7}-{9}	0.1*120	1*30	-0.7667	5.851527	0.895959	-12.3416	10.8082
{7}-{10}	0.1*120	1*60	-5.5333	5.851527	0.346069	-17.1082	6.0416
{7}-{11}	0.1*120	1*120	-6.0667	4.901311	0.218001	-15.7619	3.6286
{7}-{12}	0.1*120	1*180	-6.5333	5.851527	0.266229	-18.1082	5.0416
{7}-{13}	0.1*120	5*30	-5.3583	5.851527	0.361486	-16.9332	6.2166
{7}-{14}	0.1*120	5*60	-2.1583	5.851527	0.712831	-13.7332	9.4166
{7}-{15}	0.1*120	5*120	-14.8833	4.901311	0.002884	-24.5786	-5.1881
{7}-{16}	0.1*120	5*180	-9.7167	5.851527	0.099180	-21.2916	1.8582
{7}-{17}	0.1*120	10*30	-2.5250	5.851527	0.666801	-14.0999	9.0499
{7}-{18}	0.1*120	10*60	-3.1417	5.851527	0.592243	-14.7166	8.4332
{7}-{19}	0.1*120	10*120	-16.9250	4.901311	0.000745	-26.6203	-7.2297
{7}-{20}	0.1*120	10*180	-5.8750	5.851527	0.317210	-17.4499	5.6999
{8}-{9}	0.1*180	1*30	1.4417	5.851527	0.805775	-10.1332	13.0166
{8}-{10}	0.1*180	1*60	-3.3250	5.851527	0.570846	-14.8999	8.2499
{8}-{11}	0.1*180	1*120	-3.8583	5.851527	0.510806	-15.4332	7.7166
{8}-{12}	0.1*180	1*180	-4.3250	4.901311	0.379156	-14.0203	5.3703
{8}-{13}	0.1*180	5*30	-3.1500	5.851527	0.591262	-14.7249	8.4249

{8}-{14}	0.1*180	5*60	0.0500	5.851527	0.993195	-11.5249	11.6249
{8}-{15}	0.1*180	5*120	-12.6750	5.851527	0.032100	-24.2499	-1.1001
{8}-{16}	0.1*180	5*180	-7.5083	4.901311	0.127940	-17.2036	2.1869
{8}-{17}	0.1*180	10*30	-0.3167	5.851527	0.956924	-11.8916	11.2582
{8}-{18}	0.1*180	10*60	-0.9333	5.851527	0.873517	-12.5082	10.6416
{8}-{19}	0.1*180	10*120	-14.7167	5.851527	0.013103	-26.2916	-3.1418
{8}-{20}	0.1*180	10*180	-3.6667	4.901311	0.455731	-13.3619	6.0286
{9}-{10}	1*30	1*60	-4.7667	5.438408	0.382360	-15.5244	5.9910
{9}-{11}	1*30	1*120	-5.3000	5.438408	0.331566	-16.0577	5.4577
{9}-{12}	1*30	1*180	-5.7667	5.438408	0.290917	-16.5244	4.9910
{9}-{13}	1*30	5*30	-4.5917	4.901311	0.350560	-14.2869	5.1036
{9}-{14}	1*30	5*60	-1.3917	5.851527	0.812382	-12.9666	10.1832
{9}-{15}	1*30	5*120	-14.1167	5.851527	0.017219	-25.6916	-2.5418
{9}-{16}	1*30	5*180	-8.9500	5.851527	0.128530	-20.5249	2.6249
{9}-{17}	1*30	10*30	-1.7583	4.901311	0.720357	-11.4536	7.9369
{9}-{18}	1*30	10*60	-2.3750	5.851527	0.685490	-13.9499	9.1999
{9}-{19}	1*30	10*120	-16.1583	5.851527	0.006576	-27.7332	-4.5834
{9}-{20}	1*30	10*180	-5.1083	5.851527	0.384253	-16.6832	6.4666
{10}-{11}	1*60	1*120	-0.5333	5.438408	0.922027	-11.2910	10.2244
{10}-{12}	1*60	1*180	-1.0000	5.438408	0.854392	-11.7577	9.7577
{10}-{13}	1*60	5*30	0.1750	5.851527	0.976187	-11.3999	11.7499
{10}-{14}	1*60	5*60	3.3750	4.901311	0.492289	-6.3203	13.0703
{10}-{15}	1*60	5*120	-9.3500	5.851527	0.112462	-20.9249	2.2249
{10}-{16}	1*60	5*180	-4.1833	5.851527	0.475925	-15.7582	7.3916
{10}-{17}	1*60	10*30	3.0083	5.851527	0.608034	-8.5666	14.5832
{10}-{18}	1*60	10*60	2.3917	4.901311	0.626384	-7.3036	12.0869

{10}-{19}	1*60	10*120	-11.3917	5.851527	0.053684	-22.9666	0.1832
{10}-{20}	1*60	10*180	-0.3417	5.851527	0.953527	-11.9166	11.2332
{11}-{12}	1*120	1*180	-0.4667	5.438408	0.931748	-11.2244	10.2910
{11}-{13}	1*120	5*30	0.7083	5.851527	0.903835	-10.8666	12.2832
{11}-{14}	1*120	5*60	3.9083	5.851527	0.505353	-7.6666	15.4832
{11}-{15}	1*120	5*120	-8.8167	4.901311	0.074329	-18.5119	0.8786
{11}-{16}	1*120	5*180	-3.6500	5.851527	0.533856	-15.2249	7.9249
{11}-{17}	1*120	10*30	3.5417	5.851527	0.546049	-8.0332	15.1166
{11}-{18}	1*120	10*60	2.9250	5.851527	0.617999	-8.6499	14.4999
{11}-{19}	1*120	10*120	-10.8583	4.901311	0.028447	-20.5536	-1.1631
{11}-{20}	1*120	10*180	0.1917	5.851527	0.973919	-11.3832	11.7666
{12}-{13}	1*180	5*30	1.1750	5.851527	0.841162	-10.3999	12.7499
{12}-{14}	1*180	5*60	4.3750	5.851527	0.455990	-7.1999	15.9499
{12}-{15}	1*180	5*120	-8.3500	5.851527	0.155947	-19.9249	3.2249
{12}-{16}	1*180	5*180	-3.1833	4.901311	0.517153	-12.8786	6.5119
{12}-{17}	1*180	10*30	4.0083	5.851527	0.494541	-7.5666	15.5832
{12}-{18}	1*180	10*60	3.3917	5.851527	0.563158	-8.1832	14.9666
{12}-{19}	1*180	10*120	-10.3917	5.851527	0.078055	-21.9666	1.1832
{12}-{20}	1*180	10*180	0.6583	4.901311	0.893356	-9.0369	10.3536
{13}-{14}	5*30	5*60	3.2000	5.438408	0.557264	-7.5577	13.9577
{13}-{15}	5*30	5*120	-9.5250	5.438408	0.082194	-20.2827	1.2327
{13}-{16}	5*30	5*180	-4.3583	5.438408	0.424341	-15.1160	6.3994
{13}-{17}	5*30	10*30	2.8333	4.901311	0.564197	-6.8619	12.5286
{13}-{18}	5*30	10*60	2.2167	5.851527	0.705431	-9.3582	13.7916
{13}-{19}	5*30	10*120	-11.5667	5.851527	0.050161	-23.1416	0.0082
{13}-{20}	5*30	10*180	-0.5167	5.851527	0.929775	-12.0916	11.0582

{14}-{15}	5*60	5*120	-12.7250	5.438408	0.020792	-23.4827	-1.9673
{14}-{16}	5*60	5*180	-7.5583	5.438408	0.166927	-18.3160	3.1994
{14}-{17}	5*60	10*30	-0.3667	5.851527	0.950131	-11.9416	11.2082
{14}-{18}	5*60	10*60	-0.9833	4.901311	0.841299	-10.6786	8.7119
{14}-{19}	5*60	10*120	-14.7667	5.851527	0.012803	-26.3416	-3.1918
{14}-{20}	5*60	10*180	-3.7167	5.851527	0.526422	-15.2916	7.8582
{15}-{16}	5*120	5*180	5.1667	5.438408	0.343832	-5.5910	15.9244
{15}-{17}	5*120	10*30	12.3583	5.851527	0.036572	0.7834	23.9332
{15}-{18}	5*120	10*60	11.7417	5.851527	0.046835	0.1668	23.3166
{15}-{19}	5*120	10*120	-2.0417	4.901311	0.677680	-11.7369	7.6536
{15}-{20}	5*120	10*180	9.0083	5.851527	0.126080	-2.5666	20.5832
{16}-{17}	5*180	10*30	7.1917	5.851527	0.221249	-4.3832	18.7666
{16}-{18}	5*180	10*60	6.5750	5.851527	0.263206	-4.9999	18.1499
{16}-{19}	5*180	10*120	-7.2083	5.851527	0.220187	-18.7832	4.3666
{16}-{20}	5*180	10*180	3.8417	4.901311	0.434559	-5.8536	13.5369
{17}-{18}	10*30	10*60	-0.6167	5.438408	0.909893	-11.3744	10.1410
{17}-{19}	10*30	10*120	-14.4000	5.438408	0.009088	-25.1577	-3.6423
{17}-{20}	10*30	10*180	-3.3500	5.438408	0.538962	-14.1077	7.4077
{18}-{19}	10*60	10*120	-13.7833	5.438408	0.012431	-24.5410	-3.0256
{18}-{20}	10*60	10*180	-2.7333	5.438408	0.616084	-13.4910	8.0244
{19}-{20}	10*120	10*180	11.0500	5.438408	0.044176	0.2923	21.8077

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Concentration	Time Point	{1} - 23.117	{2} - 19.617	{3} - 20.650	{4} - 22.650	{5} - 19.342	{6} - 18.425	{7} - 23.675	{8} - 28.017	{9} - 23.975	{10} - 17.400	{11} - 28.758	{12} - 27.575	{13} - 21.942	{14} - 20.733	{15} - 25.517	{16} - 25.883	{17} - 23.408	{18} - 22.917	{19} - 26.408	{20} - 31.150
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Cell No.																									
1	C	30		0.231903	0.398852	0.873021	0.169367	0.114901	0.850490	0.099795	0.753877	0.055286	0.058515	0.133921	0.667826	0.421581	0.418350	0.351054	0.915140	0.946165	0.267539	0.007463			
2	C	60	0.231903		0.723470	0.299841	0.926027	0.663406	0.172147	0.005205	0.142792	0.418603	0.002424	0.008023	0.433007	0.683389	0.048019	0.035896	0.201887	0.229233	0.023171	0.000152			
3	C	120	0.398852	0.723470		0.493738	0.658808	0.453009	0.270190	0.013946	0.262747	0.273614	0.003561	0.020652	0.662881	0.977554	0.077148	0.078995	0.352502	0.444611	0.036941	0.000531			
4	C	180	0.873021	0.299841	0.493738		0.265135	0.155320	0.729354	0.051583	0.654745	0.078057	0.040763	0.073709	0.811010	0.517893	0.333976	0.238726	0.797952	0.928262	0.205856	0.002283			
5	0.1	30	0.169367	0.926027	0.658808	0.265135		0.753602	0.139413	0.003466	0.092246	0.512457	0.001805	0.006140	0.342986	0.638597	0.038649	0.028630	0.138988	0.228713	0.018243	0.000107			
6	0.1	60	0.114901	0.663406	0.453009	0.155320	0.753602		0.073907	0.001279	0.062676	0.708121	0.000645	0.002403	0.236355	0.399672	0.017844	0.012827	0.094220	0.102529	0.007832	0.000032			
7	0.1	120	0.850490	0.172147	0.270190	0.729354	0.139413	0.073907		0.138660	0.919324	0.035655	0.065011	0.189377	0.558660	0.321529	0.501411	0.456393	0.928262	0.797952	0.318895	0.012632			
8	0.1	180	0.099795	0.005205	0.013946	0.051583	0.003466	0.001279	0.138660		0.173903	0.000463	0.802298	0.871815	0.041856	0.015038	0.399274	0.436268	0.121431	0.086842	0.587332	0.253487			
9	1	30	0.753877	0.142792	0.262747	0.654745	0.092246	0.062676	0.919324	0.173903		0.025705	0.103103	0.218909	0.458029	0.274841	0.602900	0.519712	0.835999	0.720919	0.411932	0.016572			
10	1	60	0.055286	0.418603	0.273614	0.078057	0.512457	0.708121	0.035655	0.000463	0.025705		0.000154	0.000654	0.126864	0.224590	0.006883	0.004788	0.044119	0.045479	0.002791	0.000008			
11	1	120	0.058515	0.002424	0.003561	0.040763	0.001805	0.000645	0.065011	0.802298	0.103103	0.000154		0.685362	0.022679	0.007524	0.237525	0.332577	0.072616	0.050238	0.391242	0.419964			
12	1	180	0.133921	0.008023	0.020652	0.073709	0.006140	0.002403	0.189377	0.871815	0.218909	0.000654	0.685362		0.058883	0.022196	0.487491	0.536840	0.161060	0.117479	0.693745	0.192946			
13	5	30	0.667826	0.433007	0.662881	0.811010	0.342986	0.236355	0.558660	0.041856	0.458029	0.126864	0.022679	0.058883		0.679086	0.222107	0.178512	0.592269	0.742069	0.133202	0.002258			
14	5	60	0.421581	0.683389	0.977554	0.517893	0.638597	0.399672	0.321529	0.015038	0.274841	0.224590	0.007524	0.022196	0.679086		0.103103	0.079509	0.367191	0.425617	0.057061	0.000586			
15	5	120	0.418350	0.048019	0.077148	0.333976	0.038649	0.017844	0.501411	0.399274	0.602900	0.006883	0.237525	0.487491	0.222107	0.103103		0.900067	0.476999	0.380737	0.744649	0.058883			
16	5	180	0.351054	0.035896	0.078995	0.238726	0.028630	0.012827	0.456393	0.436268	0.519712	0.004788	0.332577	0.536840	0.178512	0.079509	0.900067		0.403993	0.317449	0.859319	0.056026			
17	10	30	0.915140	0.201887	0.352502	0.797952	0.138988	0.094220	0.928262	0.121431	0.835999	0.044119	0.072616	0.161060	0.592269	0.367191	0.476999	0.403993		0.866282	0.305162	0.008870			
18	10	60	0.946165	0.229233	0.444611	0.928262	0.228713	0.102529	0.797952	0.086842	0.720919	0.045479	0.050238	0.117479	0.742069	0.425617	0.380737	0.317449	0.866282		0.233010	0.005459			
19	10	120	0.267539	0.023171	0.036941	0.205856	0.018243	0.007832	0.318895	0.587332	0.411932	0.002791	0.391242	0.693745	0.133202	0.057061	0.744649	0.859319	0.305162	0.233010		0.106108			
20	10	180	0.007463	0.000152	0.000531	0.002283	0.000107	0.000032	0.012632	0.253487	0.016572	0.000008	0.419964	0.192946	0.002258	0.000586	0.058883	0.056026	0.008870	0.005459	0.106108				

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	3.5000	2.914246	0.231903	-2.2647	9.26467
{1}-{3}	C*30	C*120	2.4667	2.914246	0.398852	-3.2980	8.23133
{1}-{4}	C*30	C*180	0.4667	2.914246	0.873021	-5.2980	6.23133
{1}-{5}	C*30	0.1*30	3.7750	2.731942	0.169367	-1.6291	9.17905
{1}-{6}	C*30	0.1*60	4.6917	2.956278	0.114901	-1.1561	10.53948
{1}-{7}	C*30	0.1*120	-0.5583	2.956278	0.850490	-6.4061	5.28948
{1}-{8}	C*30	0.1*180	-4.9000	2.956278	0.099795	-10.7478	0.94781
{1}-{9}	C*30	1*30	-0.8583	2.731942	0.753877	-6.2624	4.54572
{1}-{10}	C*30	1*60	5.7167	2.956278	0.055286	-0.1311	11.56448
{1}-{11}	C*30	1*120	-5.6417	2.956278	0.058515	-11.4895	0.20614
{1}-{12}	C*30	1*180	-4.4583	2.956278	0.133921	-10.3061	1.38948
{1}-{13}	C*30	5*30	1.1750	2.731942	0.667826	-4.2291	6.57905
{1}-{14}	C*30	5*60	2.3833	2.956278	0.421581	-3.4645	8.23114
{1}-{15}	C*30	5*120	-2.4000	2.956278	0.418350	-8.2478	3.44781
{1}-{16}	C*30	5*180	-2.7667	2.956278	0.351054	-8.6145	3.08114
{1}-{17}	C*30	10*30	-0.2917	2.731942	0.915140	-5.6957	5.11238
{1}-{18}	C*30	10*60	0.2000	2.956278	0.946165	-5.6478	6.04781
{1}-{19}	C*30	10*120	-3.2917	2.956278	0.267539	-9.1395	2.55614
{1}-{20}	C*30	10*180	-8.0333	2.956278	0.007463	-13.8811	-2.18552
{2}-{3}	C*60	C*120	-1.0333	2.914246	0.723470	-6.7980	4.73133
{2}-{4}	C*60	C*180	-3.0333	2.914246	0.299841	-8.7980	2.73133
{2}-{5}	C*60	0.1*30	0.2750	2.956278	0.926027	-5.5728	6.12281
{2}-{6}	C*60	0.1*60	1.1917	2.731942	0.663406	-4.2124	6.59572

{2}-{7}	C*60	0.1*120	-4.0583	2.956278	0.172147	-9.9061	1.78948
{2}-{8}	C*60	0.1*180	-8.4000	2.956278	0.005205	-14.2478	-2.55219
{2}-{9}	C*60	1*30	-4.3583	2.956278	0.142792	-10.2061	1.48948
{2}-{10}	C*60	1*60	2.2167	2.731942	0.418603	-3.1874	7.62072
{2}-{11}	C*60	1*120	-9.1417	2.956278	0.002424	-14.9895	-3.29386
{2}-{12}	C*60	1*180	-7.9583	2.956278	0.008023	-13.8061	-2.11052
{2}-{13}	C*60	5*30	-2.3250	2.956278	0.433007	-8.1728	3.52281
{2}-{14}	C*60	5*60	-1.1167	2.731942	0.683389	-6.5207	4.28738
{2}-{15}	C*60	5*120	-5.9000	2.956278	0.048019	-11.7478	-0.05219
{2}-{16}	C*60	5*180	-6.2667	2.956278	0.035896	-12.1145	-0.41886
{2}-{17}	C*60	10*30	-3.7917	2.956278	0.201887	-9.6395	2.05614
{2}-{18}	C*60	10*60	-3.3000	2.731942	0.229233	-8.7041	2.10405
{2}-{19}	C*60	10*120	-6.7917	2.956278	0.023171	-12.6395	-0.94386
{2}-{20}	C*60	10*180	-11.5333	2.956278	0.000152	-17.3811	-5.68552
{3}-{4}	C*120	C*180	-2.0000	2.914246	0.493738	-7.7647	3.76467
{3}-{5}	C*120	0.1*30	1.3083	2.956278	0.658808	-4.5395	7.15614
{3}-{6}	C*120	0.1*60	2.2250	2.956278	0.453009	-3.6228	8.07281
{3}-{7}	C*120	0.1*120	-3.0250	2.731942	0.270190	-8.4291	2.37905
{3}-{8}	C*120	0.1*180	-7.3667	2.956278	0.013946	-13.2145	-1.51886
{3}-{9}	C*120	1*30	-3.3250	2.956278	0.262747	-9.1728	2.52281
{3}-{10}	C*120	1*60	3.2500	2.956278	0.273614	-2.5978	9.09781
{3}-{11}	C*120	1*120	-8.1083	2.731942	0.003561	-13.5124	-2.70428
{3}-{12}	C*120	1*180	-6.9250	2.956278	0.020652	-12.7728	-1.07719
{3}-{13}	C*120	5*30	-1.2917	2.956278	0.662881	-7.1395	4.55614
{3}-{14}	C*120	5*60	-0.0833	2.956278	0.977554	-5.9311	5.76448
{3}-{15}	C*120	5*120	-4.8667	2.731942	0.077148	-10.2707	0.53738

{3}-{16}	C*120	5*180	-5.2333	2.956278	0.078995	-11.0811	0.61448
{3}-{17}	C*120	10*30	-2.7583	2.956278	0.352502	-8.6061	3.08948
{3}-{18}	C*120	10*60	-2.2667	2.956278	0.444611	-8.1145	3.58114
{3}-{19}	C*120	10*120	-5.7583	2.731942	0.036941	-11.1624	-0.35428
{3}-{20}	C*120	10*180	-10.5000	2.956278	0.000531	-16.3478	-4.65219
{4}-{5}	C*180	0.1*30	3.3083	2.956278	0.265135	-2.5395	9.15614
{4}-{6}	C*180	0.1*60	4.2250	2.956278	0.155320	-1.6228	10.07281
{4}-{7}	C*180	0.1*120	-1.0250	2.956278	0.729354	-6.8728	4.82281
{4}-{8}	C*180	0.1*180	-5.3667	2.731942	0.051583	-10.7707	0.03738
{4}-{9}	C*180	1*30	-1.3250	2.956278	0.654745	-7.1728	4.52281
{4}-{10}	C*180	1*60	5.2500	2.956278	0.078057	-0.5978	11.09781
{4}-{11}	C*180	1*120	-6.1083	2.956278	0.040763	-11.9561	-0.26052
{4}-{12}	C*180	1*180	-4.9250	2.731942	0.073709	-10.3291	0.47905
{4}-{13}	C*180	5*30	0.7083	2.956278	0.811010	-5.1395	6.55614
{4}-{14}	C*180	5*60	1.9167	2.956278	0.517893	-3.9311	7.76448
{4}-{15}	C*180	5*120	-2.8667	2.956278	0.333976	-8.7145	2.98114
{4}-{16}	C*180	5*180	-3.2333	2.731942	0.238726	-8.6374	2.17072
{4}-{17}	C*180	10*30	-0.7583	2.956278	0.797952	-6.6061	5.08948
{4}-{18}	C*180	10*60	-0.2667	2.956278	0.928262	-6.1145	5.58114
{4}-{19}	C*180	10*120	-3.7583	2.956278	0.205856	-9.6061	2.08948
{4}-{20}	C*180	10*180	-8.5000	2.731942	0.002283	-13.9041	-3.09595
{5}-{6}	0.1*30	0.1*60	0.9167	2.914246	0.753602	-4.8480	6.68133
{5}-{7}	0.1*30	0.1*120	-4.3333	2.914246	0.139413	-10.0980	1.43133
{5}-{8}	0.1*30	0.1*180	-8.6750	2.914246	0.003466	-14.4397	-2.91033
{5}-{9}	0.1*30	1*30	-4.6333	2.731942	0.092246	-10.0374	0.77072
{5}-{10}	0.1*30	1*60	1.9417	2.956278	0.512457	-3.9061	7.78948

{5}-{11}	0.1*30	1*120	-9.4167	2.956278	0.001805	-15.2645	-3.56886
{5}-{12}	0.1*30	1*180	-8.2333	2.956278	0.006140	-14.0811	-2.38552
{5}-{13}	0.1*30	5*30	-2.6000	2.731942	0.342986	-8.0041	2.80405
{5}-{14}	0.1*30	5*60	-1.3917	2.956278	0.638597	-7.2395	4.45614
{5}-{15}	0.1*30	5*120	-6.1750	2.956278	0.038649	-12.0228	-0.32719
{5}-{16}	0.1*30	5*180	-6.5417	2.956278	0.028630	-12.3895	-0.69386
{5}-{17}	0.1*30	10*30	-4.0667	2.731942	0.138988	-9.4707	1.33738
{5}-{18}	0.1*30	10*60	-3.5750	2.956278	0.228713	-9.4228	2.27281
{5}-{19}	0.1*30	10*120	-7.0667	2.956278	0.018243	-12.9145	-1.21886
{5}-{20}	0.1*30	10*180	-11.8083	2.956278	0.000107	-17.6561	-5.96052
{6}-{7}	0.1*60	0.1*120	-5.2500	2.914246	0.073907	-11.0147	0.51467
{6}-{8}	0.1*60	0.1*180	-9.5917	2.914246	0.001279	-15.3563	-3.82700
{6}-{9}	0.1*60	1*30	-5.5500	2.956278	0.062676	-11.3978	0.29781
{6}-{10}	0.1*60	1*60	1.0250	2.731942	0.708121	-4.3791	6.42905
{6}-{11}	0.1*60	1*120	-10.3333	2.956278	0.000645	-16.1811	-4.48552
{6}-{12}	0.1*60	1*180	-9.1500	2.956278	0.002403	-14.9978	-3.30219
{6}-{13}	0.1*60	5*30	-3.5167	2.956278	0.236355	-9.3645	2.33114
{6}-{14}	0.1*60	5*60	-2.3083	2.731942	0.399672	-7.7124	3.09572
{6}-{15}	0.1*60	5*120	-7.0917	2.956278	0.017844	-12.9395	-1.24386
{6}-{16}	0.1*60	5*180	-7.4583	2.956278	0.012827	-13.3061	-1.61052
{6}-{17}	0.1*60	10*30	-4.9833	2.956278	0.094220	-10.8311	0.86448
{6}-{18}	0.1*60	10*60	-4.4917	2.731942	0.102529	-9.8957	0.91238
{6}-{19}	0.1*60	10*120	-7.9833	2.956278	0.007832	-13.8311	-2.13552
{6}-{20}	0.1*60	10*180	-12.7250	2.956278	0.000032	-18.5728	-6.87719
{7}-{8}	0.1*120	0.1*180	-4.3417	2.914246	0.138660	-10.1063	1.42300
{7}-{9}	0.1*120	1*30	-0.3000	2.956278	0.919324	-6.1478	5.54781

{7}-{10}	0.1*120	1*60	6.2750	2.956278	0.035655	0.4272	12.12281
{7}-{11}	0.1*120	1*120	-5.0833	2.731942	0.065011	-10.4874	0.32072
{7}-{12}	0.1*120	1*180	-3.9000	2.956278	0.189377	-9.7478	1.94781
{7}-{13}	0.1*120	5*30	1.7333	2.956278	0.558660	-4.1145	7.58114
{7}-{14}	0.1*120	5*60	2.9417	2.956278	0.321529	-2.9061	8.78948
{7}-{15}	0.1*120	5*120	-1.8417	2.731942	0.501411	-7.2457	3.56238
{7}-{16}	0.1*120	5*180	-2.2083	2.956278	0.456393	-8.0561	3.63948
{7}-{17}	0.1*120	10*30	0.2667	2.956278	0.928262	-5.5811	6.11448
{7}-{18}	0.1*120	10*60	0.7583	2.956278	0.797952	-5.0895	6.60614
{7}-{19}	0.1*120	10*120	-2.7333	2.731942	0.318895	-8.1374	2.67072
{7}-{20}	0.1*120	10*180	-7.4750	2.956278	0.012632	-13.3228	-1.62719
{8}-{9}	0.1*180	1*30	4.0417	2.956278	0.173903	-1.8061	9.88948
{8}-{10}	0.1*180	1*60	10.6167	2.956278	0.000463	4.7689	16.46448
{8}-{11}	0.1*180	1*120	-0.7417	2.956278	0.802298	-6.5895	5.10614
{8}-{12}	0.1*180	1*180	0.4417	2.731942	0.871815	-4.9624	5.84572
{8}-{13}	0.1*180	5*30	6.0750	2.956278	0.041856	0.2272	11.92281
{8}-{14}	0.1*180	5*60	7.2833	2.956278	0.015038	1.4355	13.13114
{8}-{15}	0.1*180	5*120	2.5000	2.956278	0.399274	-3.3478	8.34781
{8}-{16}	0.1*180	5*180	2.1333	2.731942	0.436268	-3.2707	7.53738
{8}-{17}	0.1*180	10*30	4.6083	2.956278	0.121431	-1.2395	10.45614
{8}-{18}	0.1*180	10*60	5.1000	2.956278	0.086842	-0.7478	10.94781
{8}-{19}	0.1*180	10*120	1.6083	2.956278	0.587332	-4.2395	7.45614
{8}-{20}	0.1*180	10*180	-3.1333	2.731942	0.253487	-8.5374	2.27072
{9}-{10}	1*30	1*60	6.5750	2.914246	0.025705	0.8103	12.33967
{9}-{11}	1*30	1*120	-4.7833	2.914246	0.103103	-10.5480	0.98133
{9}-{12}	1*30	1*180	-3.6000	2.914246	0.218909	-9.3647	2.16467

{9}-{13}	1*30	5*30	2.0333	2.731942	0.458029	-3.3707	7.43738
{9}-{14}	1*30	5*60	3.2417	2.956278	0.274841	-2.6061	9.08948
{9}-{15}	1*30	5*120	-1.5417	2.956278	0.602900	-7.3895	4.30614
{9}-{16}	1*30	5*180	-1.9083	2.956278	0.519712	-7.7561	3.93948
{9}-{17}	1*30	10*30	0.5667	2.731942	0.835999	-4.8374	5.97072
{9}-{18}	1*30	10*60	1.0583	2.956278	0.720919	-4.7895	6.90614
{9}-{19}	1*30	10*120	-2.4333	2.956278	0.411932	-8.2811	3.41448
{9}-{20}	1*30	10*180	-7.1750	2.956278	0.016572	-13.0228	-1.32719
{10}-{11}	1*60	1*120	-11.3583	2.914246	0.000154	-17.1230	-5.59367
{10}-{12}	1*60	1*180	-10.1750	2.914246	0.000654	-15.9397	-4.41033
{10}-{13}	1*60	5*30	-4.5417	2.956278	0.126864	-10.3895	1.30614
{10}-{14}	1*60	5*60	-3.3333	2.731942	0.224590	-8.7374	2.07072
{10}-{15}	1*60	5*120	-8.1167	2.956278	0.006883	-13.9645	-2.26886
{10}-{16}	1*60	5*180	-8.4833	2.956278	0.004788	-14.3311	-2.63552
{10}-{17}	1*60	10*30	-6.0083	2.956278	0.044119	-11.8561	-0.16052
{10}-{18}	1*60	10*60	-5.5167	2.731942	0.045479	-10.9207	-0.11262
{10}-{19}	1*60	10*120	-9.0083	2.956278	0.002791	-14.8561	-3.16052
{10}-{20}	1*60	10*180	-13.7500	2.956278	0.000008	-19.5978	-7.90219
{11}-{12}	1*120	1*180	1.1833	2.914246	0.685362	-4.5813	6.94800
{11}-{13}	1*120	5*30	6.8167	2.956278	0.022679	0.9689	12.66448
{11}-{14}	1*120	5*60	8.0250	2.956278	0.007524	2.1772	13.87281
{11}-{15}	1*120	5*120	3.2417	2.731942	0.237525	-2.1624	8.64572
{11}-{16}	1*120	5*180	2.8750	2.956278	0.332577	-2.9728	8.72281
{11}-{17}	1*120	10*30	5.3500	2.956278	0.072616	-0.4978	11.19781
{11}-{18}	1*120	10*60	5.8417	2.956278	0.050238	-0.0061	11.68948
{11}-{19}	1*120	10*120	2.3500	2.731942	0.391242	-3.0541	7.75405

{11}-{20}	1*120	10*180	-2.3917	2.956278	0.419964	-8.2395	3.45614
{12}-{13}	1*180	5*30	5.6333	2.956278	0.058883	-0.2145	11.48114
{12}-{14}	1*180	5*60	6.8417	2.956278	0.022196	0.9939	12.68948
{12}-{15}	1*180	5*120	2.0583	2.956278	0.487491	-3.7895	7.90614
{12}-{16}	1*180	5*180	1.6917	2.731942	0.536840	-3.7124	7.09572
{12}-{17}	1*180	10*30	4.1667	2.956278	0.161060	-1.6811	10.01448
{12}-{18}	1*180	10*60	4.6583	2.956278	0.117479	-1.1895	10.50614
{12}-{19}	1*180	10*120	1.1667	2.956278	0.693745	-4.6811	7.01448
{12}-{20}	1*180	10*180	-3.5750	2.731942	0.192946	-8.9791	1.82905
{13}-{14}	5*30	5*60	1.2083	2.914246	0.679086	-4.5563	6.97300
{13}-{15}	5*30	5*120	-3.5750	2.914246	0.222107	-9.3397	2.18967
{13}-{16}	5*30	5*180	-3.9417	2.914246	0.178512	-9.7063	1.82300
{13}-{17}	5*30	10*30	-1.4667	2.731942	0.592269	-6.8707	3.93738
{13}-{18}	5*30	10*60	-0.9750	2.956278	0.742069	-6.8228	4.87281
{13}-{19}	5*30	10*120	-4.4667	2.956278	0.133202	-10.3145	1.38114
{13}-{20}	5*30	10*180	-9.2083	2.956278	0.002258	-15.0561	-3.36052
{14}-{15}	5*60	5*120	-4.7833	2.914246	0.103103	-10.5480	0.98133
{14}-{16}	5*60	5*180	-5.1500	2.914246	0.079509	-10.9147	0.61467
{14}-{17}	5*60	10*30	-2.6750	2.956278	0.367191	-8.5228	3.17281
{14}-{18}	5*60	10*60	-2.1833	2.731942	0.425617	-7.5874	3.22072
{14}-{19}	5*60	10*120	-5.6750	2.956278	0.057061	-11.5228	0.17281
{14}-{20}	5*60	10*180	-10.4167	2.956278	0.000586	-16.2645	-4.56886
{15}-{16}	5*120	5*180	-0.3667	2.914246	0.900067	-6.1313	5.39800
{15}-{17}	5*120	10*30	2.1083	2.956278	0.476999	-3.7395	7.95614
{15}-{18}	5*120	10*60	2.6000	2.956278	0.380737	-3.2478	8.44781
{15}-{19}	5*120	10*120	-0.8917	2.731942	0.744649	-6.2957	4.51238



{15}-{20}	5*120	10*180	-5.6333	2.956278	0.058883	-11.4811	0.21448
{16}-{17}	5*180	10*30	2.4750	2.956278	0.403993	-3.3728	8.32281
{16}-{18}	5*180	10*60	2.9667	2.956278	0.317449	-2.8811	8.81448
{16}-{19}	5*180	10*120	-0.5250	2.956278	0.859319	-6.3728	5.32281
{16}-{20}	5*180	10*180	-5.2667	2.731942	0.056026	-10.6707	0.13738
{17}-{18}	10*30	10*60	0.4917	2.914246	0.866282	-5.2730	6.25633
{17}-{19}	10*30	10*120	-3.0000	2.914246	0.305162	-8.7647	2.76467
{17}-{20}	10*30	10*180	-7.7417	2.914246	0.008870	-13.5063	-1.97700
{18}-{19}	10*60	10*120	-3.4917	2.914246	0.233010	-9.2563	2.27300
{18}-{20}	10*60	10*180	-8.2333	2.914246	0.005459	-13.9980	-2.46867
{19}-{20}	10*120	10*180	-4.7417	2.914246	0.106108	-10.5063	1.02300

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 34.825	{2} - 45.008	{3} - 47.642	{4} - 33.867	{5} - 39.242	{6} - 42.775	{7} - 40.308	{8} - 33.767	{9} - 39.258	{10} - 41.067	{11} - 29.192	{12} - 29.900	{13} - 36.742	{14} - 41.133	{15} - 23.567	{16} - 28.392	{17} - 38.075	{18} - 37.942	{19} - 20.658	{20} - 27.067
1	C	30		0.077159	0.026633	0.867125	0.376191	0.195219	0.370845	0.862671	0.374398	0.308584	0.357941	0.421393	0.700613	0.303466	0.067473	0.294024	0.514644	0.610632	0.021878	0.206138
2	C	60	0.077159		0.645817	0.053421	0.346714	0.654173	0.442868	0.067875	0.348105	0.429526	0.010671	0.014624	0.178128	0.437353	0.000611	0.007383	0.258262	0.157763	0.000110	0.003898
3	C	120	0.026633	0.645817		0.017349	0.171278	0.426900	0.142780	0.024693	0.172123	0.283566	0.000305	0.004302	0.076559	0.288455	0.000004	0.002005	0.119592	0.114570	0.000000	0.000988
4	C	180	0.867125	0.053421	0.017349		0.380343	0.146986	0.293402	0.983991	0.378872	0.240488	0.445292	0.426613	0.638552	0.236184	0.094016	0.273029	0.491932	0.505730	0.032342	0.173923
5	0.1	30	0.376191	0.346714	0.171278	0.380343		0.537594	0.852271	0.339956	0.997332	0.765514	0.102185	0.128460	0.616080	0.757216	0.011375	0.077904	0.814923	0.831742	0.002825	0.048236
6	0.1	60	0.195219	0.654173	0.426900	0.146986	0.537594		0.666821	0.117468	0.565669	0.731809	0.027819	0.036885	0.324949	0.741890	0.002049	0.019974	0.442868	0.332976	0.000416	0.011205
7	0.1	120	0.370845	0.442868	0.142780	0.293402	0.852271	0.666821		0.254568	0.863741	0.901358	0.027104	0.090645	0.560163	0.892737	0.001000	0.053117	0.715150	0.698961	0.000126	0.031916
8	0.1	180	0.862671	0.067875	0.024693	0.983991	0.339956	0.117468	0.254568		0.370120	0.234053	0.455067	0.438337	0.626933	0.229832	0.097218	0.281846	0.481720	0.495362	0.033651	0.180295
9	1	30	0.374398	0.348105	0.172123	0.378872	0.997332	0.565669	0.863741	0.370120		0.752256	0.080568	0.104010	0.613732	0.759288	0.011290	0.077454	0.812328	0.829618	0.002801	0.047935

10	1	60	0.308584	0.429526	0.283566	0.240488	0.765514	0.731809	0.901358	0.234053	0.752256		0.039718	0.052895	0.480029	0.989327	0.004842	0.039866	0.625006	0.530922	0.001082	0.023450
11	1	120	0.357941	0.010671	0.000305	0.445292	0.102185	0.027819	0.027104	0.455067	0.080568	0.039718		0.901578	0.218508	0.052627	0.260165	0.895968	0.148115	0.154249	0.088590	0.728401
12	1	180	0.421393	0.014624	0.004302	0.426613	0.128460	0.036885	0.090645	0.438337	0.104010	0.052895	0.901578		0.264579	0.068077	0.301562	0.762186	0.182955	0.190151	0.132563	0.569905
13	5	30	0.700613	0.178128	0.076559	0.638552	0.616080	0.324949	0.560163	0.626933	0.613732	0.480029	0.218508	0.264579		0.443732	0.022747	0.146493	0.789075	0.844511	0.009452	0.115499
14	5	60	0.303466	0.437353	0.288455	0.236184	0.757216	0.741890	0.892737	0.229832	0.759288	0.989327	0.052627	0.068077	0.443732		0.002576	0.027516	0.617321	0.522208	0.001043	0.022810
15	5	120	0.067473	0.000611	0.000004	0.094016	0.011375	0.002049	0.001000	0.097218	0.011290	0.004842	0.260165	0.301562	0.022747	0.002576		0.400187	0.018944	0.020045	0.559750	0.567510
16	5	180	0.294024	0.007383	0.002005	0.273029	0.077904	0.019974	0.053117	0.281846	0.077454	0.039866	0.895968	0.762186	0.146493	0.027516	0.400187		0.115189	0.120232	0.207594	0.790362
17	10	30	0.514644	0.258262	0.119592	0.491932	0.814923	0.442868	0.715150	0.481720	0.812328	0.625006	0.148115	0.182955	0.789075	0.617321	0.018944	0.115189		0.981428	0.002795	0.056300
18	10	60	0.610632	0.157763	0.114570	0.505730	0.831742	0.332976	0.698961	0.495362	0.829618	0.530922	0.154249	0.190151	0.844511	0.522208	0.020045	0.120232	0.981428		0.003005	0.059308
19	10	120	0.021878	0.000110	0.000000	0.032342	0.002825	0.000416	0.000126	0.033651	0.002801	0.001082	0.088590	0.132563	0.009452	0.001043	0.559750	0.207594	0.002795	0.003005		0.264331
20	10	180	0.206138	0.003898	0.000988	0.173923	0.048236	0.011205	0.031916	0.180295	0.047935	0.023450	0.728401	0.569905	0.115499	0.022810	0.567510	0.790362	0.056300	0.059308	0.264331	

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-10.1833	5.716715	0.077159	-21.4916	1.12489
{1}-{3}	C*30	C*120	-12.8167	5.716715	0.026633	-24.1249	-1.50844
{1}-{4}	C*30	C*180	0.9583	5.716715	0.867125	-10.3499	12.26656
{1}-{5}	C*30	0.1*30	-4.4167	4.974093	0.376191	-14.2559	5.42258
{1}-{6}	C*30	0.1*60	-7.9500	6.106470	0.195219	-20.0292	4.12920
{1}-{7}	C*30	0.1*120	-5.4833	6.106470	0.370845	-17.5625	6.59587
{1}-{8}	C*30	0.1*180	1.0583	6.106470	0.862671	-11.0209	13.13753
{1}-{9}	C*30	1*30	-4.4333	4.974093	0.374398	-14.2726	5.40591

{1}-{10}	C*30	1*60	-6.2417	6.106470	0.308584	-18.3209	5.83753
{1}-{11}	C*30	1*120	5.6333	6.106470	0.357941	-6.4459	17.71253
{1}-{12}	C*30	1*180	4.9250	6.106470	0.421393	-7.1542	17.00420
{1}-{13}	C*30	5*30	-1.9167	4.974093	0.700613	-11.7559	7.92258
{1}-{14}	C*30	5*60	-6.3083	6.106470	0.303466	-18.3875	5.77087
{1}-{15}	C*30	5*120	11.2583	6.106470	0.067473	-0.8209	23.33753
{1}-{16}	C*30	5*180	6.4333	6.106470	0.294024	-5.6459	18.51253
{1}-{17}	C*30	10*30	-3.2500	4.974093	0.514644	-13.0892	6.58925
{1}-{18}	C*30	10*60	-3.1167	6.106470	0.610632	-15.1959	8.96253
{1}-{19}	C*30	10*120	14.1667	6.106470	0.021878	2.0875	26.24587
{1}-{20}	C*30	10*180	7.7583	6.106470	0.206138	-4.3209	19.83753
{2}-{3}	C*60	C*120	-2.6333	5.716715	0.645817	-13.9416	8.67489
{2}-{4}	C*60	C*180	11.1417	5.716715	0.053421	-0.1666	22.44989
{2}-{5}	C*60	0.1*30	5.7667	6.106470	0.346714	-6.3125	17.84587
{2}-{6}	C*60	0.1*60	2.2333	4.974093	0.654173	-7.6059	12.07258
{2}-{7}	C*60	0.1*120	4.7000	6.106470	0.442868	-7.3792	16.77920
{2}-{8}	C*60	0.1*180	11.2417	6.106470	0.067875	-0.8375	23.32087
{2}-{9}	C*60	1*30	5.7500	6.106470	0.348105	-6.3292	17.82920
{2}-{10}	C*60	1*60	3.9417	4.974093	0.429526	-5.8976	13.78091
{2}-{11}	C*60	1*120	15.8167	6.106470	0.010671	3.7375	27.89587
{2}-{12}	C*60	1*180	15.1083	6.106470	0.014624	3.0291	27.18753
{2}-{13}	C*60	5*30	8.2667	6.106470	0.178128	-3.8125	20.34587
{2}-{14}	C*60	5*60	3.8750	4.974093	0.437353	-5.9642	13.71425
{2}-{15}	C*60	5*120	21.4417	6.106470	0.000611	9.3625	33.52087
{2}-{16}	C*60	5*180	16.6167	6.106470	0.007383	4.5375	28.69587
{2}-{17}	C*60	10*30	6.9333	6.106470	0.258262	-5.1459	19.01253

{2}-{18}	C*60	10*60	7.0667	4.974093	0.157763	-2.7726	16.90591
{2}-{19}	C*60	10*120	24.3500	6.106470	0.000110	12.2708	36.42920
{2}-{20}	C*60	10*180	17.9417	6.106470	0.003898	5.8625	30.02087
{3}-{4}	C*120	C*180	13.7750	5.716715	0.017349	2.4668	25.08323
{3}-{5}	C*120	0.1*30	8.4000	6.106470	0.171278	-3.6792	20.47920
{3}-{6}	C*120	0.1*60	4.8667	6.106470	0.426900	-7.2125	16.94587
{3}-{7}	C*120	0.1*120	7.3333	4.974093	0.142780	-2.5059	17.17258
{3}-{8}	C*120	0.1*180	13.8750	6.106470	0.024693	1.7958	25.95420
{3}-{9}	C*120	1*30	8.3833	6.106470	0.172123	-3.6959	20.46253
{3}-{10}	C*120	1*60	6.5750	6.106470	0.283566	-5.5042	18.65420
{3}-{11}	C*120	1*120	18.4500	4.974093	0.000305	8.6108	28.28925
{3}-{12}	C*120	1*180	17.7417	6.106470	0.004302	5.6625	29.82087
{3}-{13}	C*120	5*30	10.9000	6.106470	0.076559	-1.1792	22.97920
{3}-{14}	C*120	5*60	6.5083	6.106470	0.288455	-5.5709	18.58753
{3}-{15}	C*120	5*120	24.0750	4.974093	0.000004	14.2358	33.91425
{3}-{16}	C*120	5*180	19.2500	6.106470	0.002005	7.1708	31.32920
{3}-{17}	C*120	10*30	9.5667	6.106470	0.119592	-2.5125	21.64587
{3}-{18}	C*120	10*60	9.7000	6.106470	0.114570	-2.3792	21.77920
{3}-{19}	C*120	10*120	26.9833	4.974093	0.000000	17.1441	36.82258
{3}-{20}	C*120	10*180	20.5750	6.106470	0.000988	8.4958	32.65420
{4}-{5}	C*180	0.1*30	-5.3750	6.106470	0.380343	-17.4542	6.70420
{4}-{6}	C*180	0.1*60	-8.9083	6.106470	0.146986	-20.9875	3.17087
{4}-{7}	C*180	0.1*120	-6.4417	6.106470	0.293402	-18.5209	5.63753
{4}-{8}	C*180	0.1*180	0.1000	4.974093	0.983991	-9.7392	9.93925
{4}-{9}	C*180	1*30	-5.3917	6.106470	0.378872	-17.4709	6.68753
{4}-{10}	C*180	1*60	-7.2000	6.106470	0.240488	-19.2792	4.87920

{4}-{11}	C*180	1*120	4.6750	6.106470	0.445292	-7.4042	16.75420
{4}-{12}	C*180	1*180	3.9667	4.974093	0.426613	-5.8726	13.80591
{4}-{13}	C*180	5*30	-2.8750	6.106470	0.638552	-14.9542	9.20420
{4}-{14}	C*180	5*60	-7.2667	6.106470	0.236184	-19.3459	4.81253
{4}-{15}	C*180	5*120	10.3000	6.106470	0.094016	-1.7792	22.37920
{4}-{16}	C*180	5*180	5.4750	4.974093	0.273029	-4.3642	15.31425
{4}-{17}	C*180	10*30	-4.2083	6.106470	0.491932	-16.2875	7.87087
{4}-{18}	C*180	10*60	-4.0750	6.106470	0.505730	-16.1542	8.00420
{4}-{19}	C*180	10*120	13.2083	6.106470	0.032342	1.1291	25.28753
{4}-{20}	C*180	10*180	6.8000	4.974093	0.173923	-3.0392	16.63925
{5}-{6}	0.1*30	0.1*60	-3.5333	5.716715	0.537594	-14.8416	7.77489
{5}-{7}	0.1*30	0.1*120	-1.0667	5.716715	0.852271	-12.3749	10.24156
{5}-{8}	0.1*30	0.1*180	5.4750	5.716715	0.339956	-5.8332	16.78323
{5}-{9}	0.1*30	1*30	-0.0167	4.974093	0.997332	-9.8559	9.82258
{5}-{10}	0.1*30	1*60	-1.8250	6.106470	0.765514	-13.9042	10.25420
{5}-{11}	0.1*30	1*120	10.0500	6.106470	0.102185	-2.0292	22.12920
{5}-{12}	0.1*30	1*180	9.3417	6.106470	0.128460	-2.7375	21.42087
{5}-{13}	0.1*30	5*30	2.5000	4.974093	0.616080	-7.3392	12.33925
{5}-{14}	0.1*30	5*60	-1.8917	6.106470	0.757216	-13.9709	10.18753
{5}-{15}	0.1*30	5*120	15.6750	6.106470	0.011375	3.5958	27.75420
{5}-{16}	0.1*30	5*180	10.8500	6.106470	0.077904	-1.2292	22.92920
{5}-{17}	0.1*30	10*30	1.1667	4.974093	0.814923	-8.6726	11.00591
{5}-{18}	0.1*30	10*60	1.3000	6.106470	0.831742	-10.7792	13.37920
{5}-{19}	0.1*30	10*120	18.5833	6.106470	0.002825	6.5041	30.66253
{5}-{20}	0.1*30	10*180	12.1750	6.106470	0.048236	0.0958	24.25420
{6}-{7}	0.1*60	0.1*120	2.4667	5.716715	0.666821	-8.8416	13.77489

{6}-{8}	0.1*60	0.1*180	9.0083	5.716715	0.117468	-2.2999	20.31656
{6}-{9}	0.1*60	1*30	3.5167	6.106470	0.565669	-8.5625	15.59587
{6}-{10}	0.1*60	1*60	1.7083	4.974093	0.731809	-8.1309	11.54758
{6}-{11}	0.1*60	1*120	13.5833	6.106470	0.027819	1.5041	25.66253
{6}-{12}	0.1*60	1*180	12.8750	6.106470	0.036885	0.7958	24.95420
{6}-{13}	0.1*60	5*30	6.0333	6.106470	0.324949	-6.0459	18.11253
{6}-{14}	0.1*60	5*60	1.6417	4.974093	0.741890	-8.1976	11.48091
{6}-{15}	0.1*60	5*120	19.2083	6.106470	0.002049	7.1291	31.28753
{6}-{16}	0.1*60	5*180	14.3833	6.106470	0.019974	2.3041	26.46253
{6}-{17}	0.1*60	10*30	4.7000	6.106470	0.442868	-7.3792	16.77920
{6}-{18}	0.1*60	10*60	4.8333	4.974093	0.332976	-5.0059	14.67258
{6}-{19}	0.1*60	10*120	22.1167	6.106470	0.000416	10.0375	34.19587
{6}-{20}	0.1*60	10*180	15.7083	6.106470	0.011205	3.6291	27.78753
{7}-{8}	0.1*120	0.1*180	6.5417	5.716715	0.254568	-4.7666	17.84989
{7}-{9}	0.1*120	1*30	1.0500	6.106470	0.863741	-11.0292	13.12920
{7}-{10}	0.1*120	1*60	-0.7583	6.106470	0.901358	-12.8375	11.32087
{7}-{11}	0.1*120	1*120	11.1167	4.974093	0.027104	1.2774	20.95591
{7}-{12}	0.1*120	1*180	10.4083	6.106470	0.090645	-1.6709	22.48753
{7}-{13}	0.1*120	5*30	3.5667	6.106470	0.560163	-8.5125	15.64587
{7}-{14}	0.1*120	5*60	-0.8250	6.106470	0.892737	-12.9042	11.25420
{7}-{15}	0.1*120	5*120	16.7417	4.974093	0.001000	6.9024	26.58091
{7}-{16}	0.1*120	5*180	11.9167	6.106470	0.053117	-0.1625	23.99587
{7}-{17}	0.1*120	10*30	2.2333	6.106470	0.715150	-9.8459	14.31253
{7}-{18}	0.1*120	10*60	2.3667	6.106470	0.698961	-9.7125	14.44587
{7}-{19}	0.1*120	10*120	19.6500	4.974093	0.000126	9.8108	29.48925
{7}-{20}	0.1*120	10*180	13.2417	6.106470	0.031916	1.1625	25.32087

{8}-{9}	0.1*180	1*30	-5.4917	6.106470	0.370120	-17.5709	6.58753
{8}-{10}	0.1*180	1*60	-7.3000	6.106470	0.234053	-19.3792	4.77920
{8}-{11}	0.1*180	1*120	4.5750	6.106470	0.455067	-7.5042	16.65420
{8}-{12}	0.1*180	1*180	3.8667	4.974093	0.438337	-5.9726	13.70591
{8}-{13}	0.1*180	5*30	-2.9750	6.106470	0.626933	-15.0542	9.10420
{8}-{14}	0.1*180	5*60	-7.3667	6.106470	0.229832	-19.4459	4.71253
{8}-{15}	0.1*180	5*120	10.2000	6.106470	0.097218	-1.8792	22.27920
{8}-{16}	0.1*180	5*180	5.3750	4.974093	0.281846	-4.4642	15.21425
{8}-{17}	0.1*180	10*30	-4.3083	6.106470	0.481720	-16.3875	7.77087
{8}-{18}	0.1*180	10*60	-4.1750	6.106470	0.495362	-16.2542	7.90420
{8}-{19}	0.1*180	10*120	13.1083	6.106470	0.033651	1.0291	25.18753
{8}-{20}	0.1*180	10*180	6.7000	4.974093	0.180295	-3.1392	16.53925
{9}-{10}	1*30	1*60	-1.8083	5.716715	0.752256	-13.1166	9.49989
{9}-{11}	1*30	1*120	10.0667	5.716715	0.080568	-1.2416	21.37489
{9}-{12}	1*30	1*180	9.3583	5.716715	0.104010	-1.9499	20.66656
{9}-{13}	1*30	5*30	2.5167	4.974093	0.613732	-7.3226	12.35591
{9}-{14}	1*30	5*60	-1.8750	6.106470	0.759288	-13.9542	10.20420
{9}-{15}	1*30	5*120	15.6917	6.106470	0.011290	3.6125	27.77087
{9}-{16}	1*30	5*180	10.8667	6.106470	0.077454	-1.2125	22.94587
{9}-{17}	1*30	10*30	1.1833	4.974093	0.812328	-8.6559	11.02258
{9}-{18}	1*30	10*60	1.3167	6.106470	0.829618	-10.7625	13.39587
{9}-{19}	1*30	10*120	18.6000	6.106470	0.002801	6.5208	30.67920
{9}-{20}	1*30	10*180	12.1917	6.106470	0.047935	0.1125	24.27087
{10}-{11}	1*60	1*120	11.8750	5.716715	0.039718	0.5668	23.18323
{10}-{12}	1*60	1*180	11.1667	5.716715	0.052895	-0.1416	22.47489
{10}-{13}	1*60	5*30	4.3250	6.106470	0.480029	-7.7542	16.40420

{10}-{14}	1*60	5*60	-0.0667	4.974093	0.989327	-9.9059	9.77258
{10}-{15}	1*60	5*120	17.5000	6.106470	0.004842	5.4208	29.57920
{10}-{16}	1*60	5*180	12.6750	6.106470	0.039866	0.5958	24.75420
{10}-{17}	1*60	10*30	2.9917	6.106470	0.625006	-9.0875	15.07087
{10}-{18}	1*60	10*60	3.1250	4.974093	0.530922	-6.7142	12.96425
{10}-{19}	1*60	10*120	20.4083	6.106470	0.001082	8.3291	32.48753
{10}-{20}	1*60	10*180	14.0000	6.106470	0.023450	1.9208	26.07920
{11}-{12}	1*120	1*180	-0.7083	5.716715	0.901578	-12.0166	10.59989
{11}-{13}	1*120	5*30	-7.5500	6.106470	0.218508	-19.6292	4.52920
{11}-{14}	1*120	5*60	-11.9417	6.106470	0.052627	-24.0209	0.13753
{11}-{15}	1*120	5*120	5.6250	4.974093	0.260165	-4.2142	15.46425
{11}-{16}	1*120	5*180	0.8000	6.106470	0.895968	-11.2792	12.87920
{11}-{17}	1*120	10*30	-8.8833	6.106470	0.148115	-20.9625	3.19587
{11}-{18}	1*120	10*60	-8.7500	6.106470	0.154249	-20.8292	3.32920
{11}-{19}	1*120	10*120	8.5333	4.974093	0.088590	-1.3059	18.37258
{11}-{20}	1*120	10*180	2.1250	6.106470	0.728401	-9.9542	14.20420
{12}-{13}	1*180	5*30	-6.8417	6.106470	0.264579	-18.9209	5.23753
{12}-{14}	1*180	5*60	-11.2333	6.106470	0.068077	-23.3125	0.84587
{12}-{15}	1*180	5*120	6.3333	6.106470	0.301562	-5.7459	18.41253
{12}-{16}	1*180	5*180	1.5083	4.974093	0.762186	-8.3309	11.34758
{12}-{17}	1*180	10*30	-8.1750	6.106470	0.182955	-20.2542	3.90420
{12}-{18}	1*180	10*60	-8.0417	6.106470	0.190151	-20.1209	4.03753
{12}-{19}	1*180	10*120	9.2417	6.106470	0.132563	-2.8375	21.32087
{12}-{20}	1*180	10*180	2.8333	4.974093	0.569905	-7.0059	12.67258
{13}-{14}	5*30	5*60	-4.3917	5.716715	0.443732	-15.6999	6.91656
{13}-{15}	5*30	5*120	13.1750	5.716715	0.022747	1.8668	24.48323



{13}-{16}	5*30	5*180	8.3500	5.716715	0.146493	-2.9582	19.65823
{13}-{17}	5*30	10*30	-1.3333	4.974093	0.789075	-11.1726	8.50591
{13}-{18}	5*30	10*60	-1.2000	6.106470	0.844511	-13.2792	10.87920
{13}-{19}	5*30	10*120	16.0833	6.106470	0.009452	4.0041	28.16253
{13}-{20}	5*30	10*180	9.6750	6.106470	0.115499	-2.4042	21.75420
{14}-{15}	5*60	5*120	17.5667	5.716715	0.002576	6.2584	28.87489
{14}-{16}	5*60	5*180	12.7417	5.716715	0.027516	1.4334	24.04989
{14}-{17}	5*60	10*30	3.0583	6.106470	0.617321	-9.0209	15.13753
{14}-{18}	5*60	10*60	3.1917	4.974093	0.522208	-6.6476	13.03091
{14}-{19}	5*60	10*120	20.4750	6.106470	0.001043	8.3958	32.55420
{14}-{20}	5*60	10*180	14.0667	6.106470	0.022810	1.9875	26.14587
{15}-{16}	5*120	5*180	-4.8250	5.716715	0.400187	-16.1332	6.48323
{15}-{17}	5*120	10*30	-14.5083	6.106470	0.018944	-26.5875	-2.42913
{15}-{18}	5*120	10*60	-14.3750	6.106470	0.020045	-26.4542	-2.29580
{15}-{19}	5*120	10*120	2.9083	4.974093	0.559750	-6.9309	12.74758
{15}-{20}	5*120	10*180	-3.5000	6.106470	0.567510	-15.5792	8.57920
{16}-{17}	5*180	10*30	-9.6833	6.106470	0.115189	-21.7625	2.39587
{16}-{18}	5*180	10*60	-9.5500	6.106470	0.120232	-21.6292	2.52920
{16}-{19}	5*180	10*120	7.7333	6.106470	0.207594	-4.3459	19.81253
{16}-{20}	5*180	10*180	1.3250	4.974093	0.790362	-8.5142	11.16425
{17}-{18}	10*30	10*60	0.1333	5.716715	0.981428	-11.1749	11.44156
{17}-{19}	10*30	10*120	17.4167	5.716715	0.002795	6.1084	28.72489
{17}-{20}	10*30	10*180	11.0083	5.716715	0.056300	-0.2999	22.31656
{18}-{19}	10*60	10*120	17.2833	5.716715	0.003005	5.9751	28.59156
{18}-{20}	10*60	10*180	10.8750	5.716715	0.059308	-0.4332	22.18323
{19}-{20}	10*120	10*180	-6.4083	5.716715	0.264331	-17.7166	4.89989

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 57.942	{2} - 64.625	{3} - 68.292	{4} - 56.517	{5} - 58.583	{6} - 61.200	{7} - 63.983	{8} - 61.783	{9} - 63.233	{10} - 58.467	{11} - 57.950	{12} - 57.475	{13} - 58.683	{14} - 61.867	{15} - 49.083	{16} - 54.275	{17} - 61.483	{18} - 60.858	{19} - 47.067	{20} - 58.217
1	C	30		0.221436	0.059281	0.793774	0.896095	0.578781	0.303979	0.512849	0.282527	0.928683	0.998866	0.936589	0.880018	0.503764	0.132654	0.532205	0.471444	0.619182	0.065465	0.962607
2	C	60	0.221436		0.501488	0.138488	0.303979	0.486144	0.912892	0.628214	0.812478	0.211409	0.256295	0.224161	0.312021	0.574748	0.008916	0.079396	0.592435	0.443806	0.003237	0.275691
3	C	120	0.059281	0.501488		0.032228	0.099642	0.227943	0.381244	0.268302	0.389157	0.095679	0.036847	0.066905	0.103143	0.274450	0.000143	0.018065	0.246964	0.206438	0.000029	0.087616
4	C	180	0.793774	0.138488	0.032228		0.724651	0.425180	0.204423	0.284797	0.253353	0.739608	0.806974	0.845364	0.711915	0.362480	0.206438	0.648340	0.397784	0.459656	0.108889	0.729399
5	0.1	30	0.896095	0.303979	0.099642	0.724651		0.631318	0.322710	0.557389	0.344752	0.984131	0.914019	0.850140	0.983762	0.575874	0.107047	0.463102	0.555290	0.698209	0.051266	0.950157
6	0.1	60	0.578781	0.486144	0.227943	0.425180	0.631318		0.609765	0.914771	0.728914	0.578215	0.579751	0.525712	0.667996	0.892072	0.040439	0.239000	0.961474	0.944560	0.017147	0.611201
7	0.1	120	0.303979	0.912892	0.381244	0.204423	0.322710	0.609765		0.686572	0.898261	0.347769	0.220772	0.268302	0.366969	0.718273	0.002868	0.099642	0.670063	0.594398	0.000754	0.326433
8	0.1	180	0.512849	0.628214	0.268302	0.284797	0.557389	0.914771	0.686572		0.804775	0.572010	0.513762	0.381244	0.597348	0.988665	0.031855	0.128142	0.959210	0.874701	0.013149	0.468326
9	1	30	0.282527	0.812478	0.389157	0.253353	0.344752	0.728914	0.898261	0.804775		0.382511	0.333236	0.291765	0.355192	0.815785	0.017019	0.128374	0.721770	0.685645	0.006576	0.393064
10	1	60	0.928683	0.211409	0.095679	0.739608	0.984131	0.578215	0.347769	0.572010	0.382511		0.924480	0.855637	0.970534	0.489327	0.111383	0.475278	0.607228	0.626569	0.053634	0.966004
11	1	120	0.998866	0.256295	0.036847	0.806974	0.914019	0.579751	0.220772	0.513762	0.333236	0.924480		0.930554	0.900510	0.504668	0.072872	0.531275	0.547200	0.620183	0.028174	0.963739
12	1	180	0.936589	0.224161	0.066905	0.845364	0.850140	0.525712	0.268302	0.381244	0.291765	0.855637	0.930554		0.836803	0.454514	0.154121	0.515190	0.494765	0.564319	0.077737	0.880018
13	5	30	0.880018	0.312021	0.103143	0.711915	0.983762	0.667996	0.366969	0.597348	0.355192	0.970534	0.900510	0.836803		0.559441	0.079933	0.419206	0.568991	0.710857	0.049307	0.936589
14	5	60	0.503764	0.574748	0.274450	0.362480	0.575874	0.892072	0.718273	0.988665	0.815785	0.489327	0.504668	0.454514	0.559441		0.020265	0.165211	0.947894	0.837407	0.012652	0.534068
15	5	120	0.132654	0.008916	0.000143	0.206438	0.107047	0.040439	0.002868	0.031855	0.017019	0.111383	0.072872	0.154121	0.079933	0.020265		0.341663	0.036049	0.046336	0.681568	0.121146
16	5	180	0.532205	0.079396	0.018065	0.648340	0.463102	0.239000	0.099642	0.128142	0.128374	0.475278	0.531275	0.515190	0.419206	0.165211	0.341663		0.220425	0.262851	0.220425	0.422972
17	10	30	0.471444	0.592435	0.246964	0.397784	0.555290	0.961474	0.670063	0.959210	0.721770	0.607228	0.547200	0.494765	0.568991	0.947894	0.036049	0.220425		0.908709	0.009031	0.549219
18	10	60	0.619182	0.443806	0.206438	0.459656	0.698209	0.944560	0.594398	0.874701	0.685645	0.626569	0.620183	0.564319	0.710857	0.837407	0.046336	0.262851	0.908709		0.012406	0.628064
19	10	120	0.065465	0.003237	0.000029	0.108889	0.051266	0.017147	0.000754	0.013149	0.006576	0.053634	0.028174	0.077737	0.049307	0.012652	0.681568	0.220425	0.009031	0.012406		0.042386
20	10	180	0.962607	0.275691	0.087616	0.729399	0.950157	0.611201	0.326433	0.468326	0.393064	0.966004	0.963739	0.880018	0.936589	0.534068	0.121146	0.422972	0.549219	0.628064	0.042386	

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-6.6833	5.440135	0.221436	-17.4445	4.07779
{1}-{3}	C*30	C*120	-10.3500	5.440135	0.059281	-21.1111	0.41113
{1}-{4}	C*30	C*180	1.4250	5.440135	0.793774	-9.3361	12.18613
{1}-{5}	C*30	0.1*30	-0.6417	4.903940	0.896095	-10.3421	9.05881
{1}-{6}	C*30	0.1*60	-3.2583	5.854571	0.578781	-14.8393	8.32259
{1}-{7}	C*30	0.1*120	-6.0417	5.854571	0.303979	-17.6226	5.53925
{1}-{8}	C*30	0.1*180	-3.8417	5.854571	0.512849	-15.4226	7.73925
{1}-{9}	C*30	1*30	-5.2917	4.903940	0.282527	-14.9921	4.40881
{1}-{10}	C*30	1*60	-0.5250	5.854571	0.928683	-12.1059	11.05592
{1}-{11}	C*30	1*120	-0.0083	5.854571	0.998866	-11.5893	11.57259
{1}-{12}	C*30	1*180	0.4667	5.854571	0.936589	-11.1143	12.04759
{1}-{13}	C*30	5*30	-0.7417	4.903940	0.880018	-10.4421	8.95881
{1}-{14}	C*30	5*60	-3.9250	5.854571	0.503764	-15.5059	7.65592
{1}-{15}	C*30	5*120	8.8583	5.854571	0.132654	-2.7226	20.43925
{1}-{16}	C*30	5*180	3.6667	5.854571	0.532205	-7.9143	15.24759
{1}-{17}	C*30	10*30	-3.5417	4.903940	0.471444	-13.2421	6.15881
{1}-{18}	C*30	10*60	-2.9167	5.854571	0.619182	-14.4976	8.66425
{1}-{19}	C*30	10*120	10.8750	5.854571	0.065465	-0.7059	22.45592
{1}-{20}	C*30	10*180	-0.2750	5.854571	0.962607	-11.8559	11.30592
{2}-{3}	C*60	C*120	-3.6667	5.440135	0.501488	-14.4278	7.09446

{2}-{4}	C*60	C*180	8.1083	5.440135	0.138488	-2.6528	18.86946
{2}-{5}	C*60	0.1*30	6.0417	5.854571	0.303979	-5.5393	17.62259
{2}-{6}	C*60	0.1*60	3.4250	4.903940	0.486144	-6.2755	13.12548
{2}-{7}	C*60	0.1*120	0.6417	5.854571	0.912892	-10.9393	12.22259
{2}-{8}	C*60	0.1*180	2.8417	5.854571	0.628214	-8.7393	14.42259
{2}-{9}	C*60	1*30	1.3917	5.854571	0.812478	-10.1893	12.97259
{2}-{10}	C*60	1*60	6.1583	4.903940	0.211409	-3.5421	15.85881
{2}-{11}	C*60	1*120	6.6750	5.854571	0.256295	-4.9059	18.25592
{2}-{12}	C*60	1*180	7.1500	5.854571	0.224161	-4.4309	18.73092
{2}-{13}	C*60	5*30	5.9417	5.854571	0.312021	-5.6393	17.52259
{2}-{14}	C*60	5*60	2.7583	4.903940	0.574748	-6.9421	12.45881
{2}-{15}	C*60	5*120	15.5417	5.854571	0.008916	3.9607	27.12259
{2}-{16}	C*60	5*180	10.3500	5.854571	0.079396	-1.2309	21.93092
{2}-{17}	C*60	10*30	3.1417	5.854571	0.592435	-8.4393	14.72259
{2}-{18}	C*60	10*60	3.7667	4.903940	0.443806	-5.9338	13.46715
{2}-{19}	C*60	10*120	17.5583	5.854571	0.003237	5.9774	29.13925
{2}-{20}	C*60	10*180	6.4083	5.854571	0.275691	-5.1726	17.98925
{3}-{4}	C*120	C*180	11.7750	5.440135	0.032228	1.0139	22.53613
{3}-{5}	C*120	0.1*30	9.7083	5.854571	0.099642	-1.8726	21.28925
{3}-{6}	C*120	0.1*60	7.0917	5.854571	0.227943	-4.4893	18.67259
{3}-{7}	C*120	0.1*120	4.3083	4.903940	0.381244	-5.3921	14.00881
{3}-{8}	C*120	0.1*180	6.5083	5.854571	0.268302	-5.0726	18.08925
{3}-{9}	C*120	1*30	5.0583	5.854571	0.389157	-6.5226	16.63925
{3}-{10}	C*120	1*60	9.8250	5.854571	0.095679	-1.7559	21.40592
{3}-{11}	C*120	1*120	10.3417	4.903940	0.036847	0.6412	20.04215
{3}-{12}	C*120	1*180	10.8167	5.854571	0.066905	-0.7643	22.39759

{3}-{13}	C*120	5*30	9.6083	5.854571	0.103143	-1.9726	21.18925
{3}-{14}	C*120	5*60	6.4250	5.854571	0.274450	-5.1559	18.00592
{3}-{15}	C*120	5*120	19.2083	4.903940	0.000143	9.5079	28.90881
{3}-{16}	C*120	5*180	14.0167	5.854571	0.018065	2.4357	25.59759
{3}-{17}	C*120	10*30	6.8083	5.854571	0.246964	-4.7726	18.38925
{3}-{18}	C*120	10*60	7.4333	5.854571	0.206438	-4.1476	19.01425
{3}-{19}	C*120	10*120	21.2250	4.903940	0.000029	11.5245	30.92548
{3}-{20}	C*120	10*180	10.0750	5.854571	0.087616	-1.5059	21.65592
{4}-{5}	C*180	0.1*30	-2.0667	5.854571	0.724651	-13.6476	9.51425
{4}-{6}	C*180	0.1*60	-4.6833	5.854571	0.425180	-16.2643	6.89759
{4}-{7}	C*180	0.1*120	-7.4667	5.854571	0.204423	-19.0476	4.11425
{4}-{8}	C*180	0.1*180	-5.2667	4.903940	0.284797	-14.9671	4.43381
{4}-{9}	C*180	1*30	-6.7167	5.854571	0.253353	-18.2976	4.86425
{4}-{10}	C*180	1*60	-1.9500	5.854571	0.739608	-13.5309	9.63092
{4}-{11}	C*180	1*120	-1.4333	5.854571	0.806974	-13.0143	10.14759
{4}-{12}	C*180	1*180	-0.9583	4.903940	0.845364	-10.6588	8.74215
{4}-{13}	C*180	5*30	-2.1667	5.854571	0.711915	-13.7476	9.41425
{4}-{14}	C*180	5*60	-5.3500	5.854571	0.362480	-16.9309	6.23092
{4}-{15}	C*180	5*120	7.4333	5.854571	0.206438	-4.1476	19.01425
{4}-{16}	C*180	5*180	2.2417	4.903940	0.648340	-7.4588	11.94215
{4}-{17}	C*180	10*30	-4.9667	5.854571	0.397784	-16.5476	6.61425
{4}-{18}	C*180	10*60	-4.3417	5.854571	0.459656	-15.9226	7.23925
{4}-{19}	C*180	10*120	9.4500	5.854571	0.108889	-2.1309	21.03092
{4}-{20}	C*180	10*180	-1.7000	4.903940	0.729399	-11.4005	8.00048
{5}-{6}	0.1*30	0.1*60	-2.6167	5.440135	0.631318	-13.3778	8.14446
{5}-{7}	0.1*30	0.1*120	-5.4000	5.440135	0.322710	-16.1611	5.36113

{5}-{8}	0.1*30	0.1*180	-3.2000	5.440135	0.557389	-13.9611	7.56113
{5}-{9}	0.1*30	1*30	-4.6500	4.903940	0.344752	-14.3505	5.05048
{5}-{10}	0.1*30	1*60	0.1167	5.854571	0.984131	-11.4643	11.69759
{5}-{11}	0.1*30	1*120	0.6333	5.854571	0.914019	-10.9476	12.21425
{5}-{12}	0.1*30	1*180	1.1083	5.854571	0.850140	-10.4726	12.68925
{5}-{13}	0.1*30	5*30	-0.1000	4.903940	0.983762	-9.8005	9.60048
{5}-{14}	0.1*30	5*60	-3.2833	5.854571	0.575874	-14.8643	8.29759
{5}-{15}	0.1*30	5*120	9.5000	5.854571	0.107047	-2.0809	21.08092
{5}-{16}	0.1*30	5*180	4.3083	5.854571	0.463102	-7.2726	15.88925
{5}-{17}	0.1*30	10*30	-2.9000	4.903940	0.555290	-12.6005	6.80048
{5}-{18}	0.1*30	10*60	-2.2750	5.854571	0.698209	-13.8559	9.30592
{5}-{19}	0.1*30	10*120	11.5167	5.854571	0.051266	-0.0643	23.09759
{5}-{20}	0.1*30	10*180	0.3667	5.854571	0.950157	-11.2143	11.94759
{6}-{7}	0.1*60	0.1*120	-2.7833	5.440135	0.609765	-13.5445	7.97779
{6}-{8}	0.1*60	0.1*180	-0.5833	5.440135	0.914771	-11.3445	10.17779
{6}-{9}	0.1*60	1*30	-2.0333	5.854571	0.728914	-13.6143	9.54759
{6}-{10}	0.1*60	1*60	2.7333	4.903940	0.578215	-6.9671	12.43381
{6}-{11}	0.1*60	1*120	3.2500	5.854571	0.579751	-8.3309	14.83092
{6}-{12}	0.1*60	1*180	3.7250	5.854571	0.525712	-7.8559	15.30592
{6}-{13}	0.1*60	5*30	2.5167	5.854571	0.667996	-9.0643	14.09759
{6}-{14}	0.1*60	5*60	-0.6667	4.903940	0.892072	-10.3671	9.03381
{6}-{15}	0.1*60	5*120	12.1167	5.854571	0.040439	0.5357	23.69759
{6}-{16}	0.1*60	5*180	6.9250	5.854571	0.239000	-4.6559	18.50592
{6}-{17}	0.1*60	10*30	-0.2833	5.854571	0.961474	-11.8643	11.29759
{6}-{18}	0.1*60	10*60	0.3417	4.903940	0.944560	-9.3588	10.04215
{6}-{19}	0.1*60	10*120	14.1333	5.854571	0.017147	2.5524	25.71425

{6}-{20}	0.1*60	10*180	2.9833	5.854571	0.611201	-8.5976	14.56425
{7}-{8}	0.1*120	0.1*180	2.2000	5.440135	0.686572	-8.5611	12.96113
{7}-{9}	0.1*120	1*30	0.7500	5.854571	0.898261	-10.8309	12.33092
{7}-{10}	0.1*120	1*60	5.5167	5.854571	0.347769	-6.0643	17.09759
{7}-{11}	0.1*120	1*120	6.0333	4.903940	0.220772	-3.6671	15.73381
{7}-{12}	0.1*120	1*180	6.5083	5.854571	0.268302	-5.0726	18.08925
{7}-{13}	0.1*120	5*30	5.3000	5.854571	0.366969	-6.2809	16.88092
{7}-{14}	0.1*120	5*60	2.1167	5.854571	0.718273	-9.4643	13.69759
{7}-{15}	0.1*120	5*120	14.9000	4.903940	0.002868	5.1995	24.60048
{7}-{16}	0.1*120	5*180	9.7083	5.854571	0.099642	-1.8726	21.28925
{7}-{17}	0.1*120	10*30	2.5000	5.854571	0.670063	-9.0809	14.08092
{7}-{18}	0.1*120	10*60	3.1250	5.854571	0.594398	-8.4559	14.70592
{7}-{19}	0.1*120	10*120	16.9167	4.903940	0.000754	7.2162	26.61715
{7}-{20}	0.1*120	10*180	5.7667	5.854571	0.326433	-5.8143	17.34759
{8}-{9}	0.1*180	1*30	-1.4500	5.854571	0.804775	-13.0309	10.13092
{8}-{10}	0.1*180	1*60	3.3167	5.854571	0.572010	-8.2643	14.89759
{8}-{11}	0.1*180	1*120	3.8333	5.854571	0.513762	-7.7476	15.41425
{8}-{12}	0.1*180	1*180	4.3083	4.903940	0.381244	-5.3921	14.00881
{8}-{13}	0.1*180	5*30	3.1000	5.854571	0.597348	-8.4809	14.68092
{8}-{14}	0.1*180	5*60	-0.0833	5.854571	0.988665	-11.6643	11.49759
{8}-{15}	0.1*180	5*120	12.7000	5.854571	0.031855	1.1191	24.28092
{8}-{16}	0.1*180	5*180	7.5083	4.903940	0.128142	-2.1921	17.20881
{8}-{17}	0.1*180	10*30	0.3000	5.854571	0.959210	-11.2809	11.88092
{8}-{18}	0.1*180	10*60	0.9250	5.854571	0.874701	-10.6559	12.50592
{8}-{19}	0.1*180	10*120	14.7167	5.854571	0.013149	3.1357	26.29759
{8}-{20}	0.1*180	10*180	3.5667	4.903940	0.468326	-6.1338	13.26715

{9}-{10}	1*30	1*60	4.7667	5.440135	0.382511	-5.9945	15.52779
{9}-{11}	1*30	1*120	5.2833	5.440135	0.333236	-5.4778	16.04446
{9}-{12}	1*30	1*180	5.7583	5.440135	0.291765	-5.0028	16.51946
{9}-{13}	1*30	5*30	4.5500	4.903940	0.355192	-5.1505	14.25048
{9}-{14}	1*30	5*60	1.3667	5.854571	0.815785	-10.2143	12.94759
{9}-{15}	1*30	5*120	14.1500	5.854571	0.017019	2.5691	25.73092
{9}-{16}	1*30	5*180	8.9583	5.854571	0.128374	-2.6226	20.53925
{9}-{17}	1*30	10*30	1.7500	4.903940	0.721770	-7.9505	11.45048
{9}-{18}	1*30	10*60	2.3750	5.854571	0.685645	-9.2059	13.95592
{9}-{19}	1*30	10*120	16.1667	5.854571	0.006576	4.5857	27.74759
{9}-{20}	1*30	10*180	5.0167	5.854571	0.393064	-6.5643	16.59759
{10}-{11}	1*60	1*120	0.5167	5.440135	0.924480	-10.2445	11.27779
{10}-{12}	1*60	1*180	0.9917	5.440135	0.855637	-9.7695	11.75279
{10}-{13}	1*60	5*30	-0.2167	5.854571	0.970534	-11.7976	11.36425
{10}-{14}	1*60	5*60	-3.4000	4.903940	0.489327	-13.1005	6.30048
{10}-{15}	1*60	5*120	9.3833	5.854571	0.111383	-2.1976	20.96425
{10}-{16}	1*60	5*180	4.1917	5.854571	0.475278	-7.3893	15.77259
{10}-{17}	1*60	10*30	-3.0167	5.854571	0.607228	-14.5976	8.56425
{10}-{18}	1*60	10*60	-2.3917	4.903940	0.626569	-12.0921	7.30881
{10}-{19}	1*60	10*120	11.4000	5.854571	0.053634	-0.1809	22.98092
{10}-{20}	1*60	10*180	0.2500	5.854571	0.966004	-11.3309	11.83092
{11}-{12}	1*120	1*180	0.4750	5.440135	0.930554	-10.2861	11.23613
{11}-{13}	1*120	5*30	-0.7333	5.854571	0.900510	-12.3143	10.84759
{11}-{14}	1*120	5*60	-3.9167	5.854571	0.504668	-15.4976	7.66425
{11}-{15}	1*120	5*120	8.8667	4.903940	0.072872	-0.8338	18.56715
{11}-{16}	1*120	5*180	3.6750	5.854571	0.531275	-7.9059	15.25592



{11}-{17}	1*120	10*30	-3.5333	5.854571	0.547200	-15.1143	8.04759
{11}-{18}	1*120	10*60	-2.9083	5.854571	0.620183	-14.4893	8.67259
{11}-{19}	1*120	10*120	10.8833	4.903940	0.028174	1.1829	20.58381
{11}-{20}	1*120	10*180	-0.2667	5.854571	0.963739	-11.8476	11.31425
{12}-{13}	1*180	5*30	-1.2083	5.854571	0.836803	-12.7893	10.37259
{12}-{14}	1*180	5*60	-4.3917	5.854571	0.454514	-15.9726	7.18925
{12}-{15}	1*180	5*120	8.3917	5.854571	0.154121	-3.1893	19.97259
{12}-{16}	1*180	5*180	3.2000	4.903940	0.515190	-6.5005	12.90048
{12}-{17}	1*180	10*30	-4.0083	5.854571	0.494765	-15.5893	7.57259
{12}-{18}	1*180	10*60	-3.3833	5.854571	0.564319	-14.9643	8.19759
{12}-{19}	1*180	10*120	10.4083	5.854571	0.077737	-1.1726	21.98925
{12}-{20}	1*180	10*180	-0.7417	4.903940	0.880018	-10.4421	8.95881
{13}-{14}	5*30	5*60	-3.1833	5.440135	0.559441	-13.9445	7.57779
{13}-{15}	5*30	5*120	9.6000	5.440135	0.079933	-1.1611	20.36113
{13}-{16}	5*30	5*180	4.4083	5.440135	0.419206	-6.3528	15.16946
{13}-{17}	5*30	10*30	-2.8000	4.903940	0.568991	-12.5005	6.90048
{13}-{18}	5*30	10*60	-2.1750	5.854571	0.710857	-13.7559	9.40592
{13}-{19}	5*30	10*120	11.6167	5.854571	0.049307	0.0357	23.19759
{13}-{20}	5*30	10*180	0.4667	5.854571	0.936589	-11.1143	12.04759
{14}-{15}	5*60	5*120	12.7833	5.440135	0.020265	2.0222	23.54446
{14}-{16}	5*60	5*180	7.5917	5.440135	0.165211	-3.1695	18.35279
{14}-{17}	5*60	10*30	0.3833	5.854571	0.947894	-11.1976	11.96425
{14}-{18}	5*60	10*60	1.0083	4.903940	0.837407	-8.6921	10.70881
{14}-{19}	5*60	10*120	14.8000	5.854571	0.012652	3.2191	26.38092
{14}-{20}	5*60	10*180	3.6500	5.854571	0.534068	-7.9309	15.23092
{15}-{16}	5*120	5*180	-5.1917	5.440135	0.341663	-15.9528	5.56946

{15}-{17}	5*120	10*30	-12.4000	5.854571	0.036049	-23.9809	-0.81908
{15}-{18}	5*120	10*60	-11.7750	5.854571	0.046336	-23.3559	-0.19408
{15}-{19}	5*120	10*120	2.0167	4.903940	0.681568	-7.6838	11.71715
{15}-{20}	5*120	10*180	-9.1333	5.854571	0.121146	-20.7143	2.44759
{16}-{17}	5*180	10*30	-7.2083	5.854571	0.220425	-18.7893	4.37259
{16}-{18}	5*180	10*60	-6.5833	5.854571	0.262851	-18.1643	4.99759
{16}-{19}	5*180	10*120	7.2083	5.854571	0.220425	-4.3726	18.78925
{16}-{20}	5*180	10*180	-3.9417	4.903940	0.422972	-13.6421	5.75881
{17}-{18}	10*30	10*60	0.6250	5.440135	0.908709	-10.1361	11.38613
{17}-{19}	10*30	10*120	14.4167	5.440135	0.009031	3.6555	25.17779
{17}-{20}	10*30	10*180	3.2667	5.440135	0.549219	-7.4945	14.02779
{18}-{19}	10*60	10*120	13.7917	5.440135	0.012406	3.0305	24.55279
{18}-{20}	10*60	10*180	2.6417	5.440135	0.628064	-8.1195	13.40279
{19}-{20}	10*120	10*180	-11.1500	5.440135	0.042386	-21.9111	-0.38887

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 33.417	{2} - 44.083	{3} - 45.908	{4} - 32.108	{5} - 37.892	{6} - 41.883	{7} - 39.000	{8} - 32.367	{9} - 37.758	{10} - 40.058	{11} - 27.900	{12} - 27.792	{13} - 34.792	{14} - 40.000	{15} - 21.750	{16} - 26.883	{17} - 35.992	{18} - 36.392	{19} - 19.517	{20} - 24.475
1	C	30		0.068157	0.033082	0.821885	0.369232	0.170072	0.364632	0.864423	0.383625	0.281158	0.370369	0.361075	0.782335	0.285387	0.059496	0.289046	0.605013	0.628673	0.025156	0.147519
2	C	60	0.068157		0.753526	0.040918	0.314902	0.658529	0.409026	0.058428	0.304634	0.419174	0.009373	0.008920	0.132436	0.412482	0.000392	0.005836	0.189651	0.123863	0.000104	0.001750
3	C	120	0.033082	0.753526		0.018779	0.193761	0.513089	0.166590	0.029086	0.186500	0.342250	0.000410	0.003740	0.072371	0.337475	0.000003	0.002367	0.108534	0.123395	0.000000	0.000652
4	C	180	0.821885	0.040918	0.018779		0.347761	0.113625	0.263525	0.958597	0.358952	0.197470	0.494118	0.386361	0.662677	0.200758	0.093826	0.294722	0.528007	0.486468	0.042185	0.126713
5	0.1	30	0.369232	0.314902	0.193761	0.347761		0.492534	0.848751	0.342553	0.978624	0.724634	0.105914	0.102219	0.533605	0.731755	0.009553	0.075162	0.702672	0.807300	0.003289	0.030577
6	0.1	60	0.170072	0.658529	0.513089	0.113625	0.492534		0.619935	0.103227	0.502694	0.713876	0.024312	0.023251	0.249985	0.705156	0.001326	0.015845	0.338835	0.270872	0.000384	0.005282

7	0.1	120	0.364632	0.409026	0.166590	0.263525	0.848751	0.619935		0.254839	0.839986	0.863357	0.027107	0.070078	0.494118	0.870820	0.000696	0.050445	0.624835	0.671539	0.000140	0.019405
8	0.1	180	0.864423	0.058428	0.029086	0.958597	0.342553	0.103227	0.254839		0.381278	0.212337	0.468043	0.358664	0.693396	0.215804	0.086001	0.271597	0.555775	0.513089	0.038200	0.114474
9	1	30	0.383625	0.304634	0.186500	0.358952	0.978624	0.502694	0.839986	0.381278		0.692346	0.091548	0.088078	0.551325	0.715515	0.010148	0.078718	0.722633	0.824132	0.003515	0.032241
10	1	60	0.281158	0.419174	0.342250	0.197470	0.724634	0.713876	0.863357	0.212337	0.692346		0.037972	0.036319	0.392383	0.990647	0.003401	0.033650	0.508744	0.461676	0.001065	0.012276
11	1	120	0.370369	0.009373	0.000410	0.494118	0.105914	0.024312	0.027107	0.468043	0.091548	0.037972		0.985126	0.263525	0.050758	0.217825	0.868686	0.189651	0.168823	0.093793	0.577757
12	1	180	0.361075	0.008920	0.003740	0.386361	0.102219	0.023251	0.070078	0.358664	0.088078	0.036319	0.985126		0.256128	0.048752	0.326724	0.855170	0.183830	0.163492	0.179879	0.505442
13	5	30	0.782335	0.132436	0.072371	0.662677	0.533605	0.249985	0.494118	0.693396	0.551325	0.392383	0.263525	0.256128		0.370838	0.026201	0.175055	0.809459	0.794735	0.014061	0.095141
14	5	60	0.285387	0.412482	0.337475	0.200758	0.731755	0.705156	0.870820	0.215804	0.715515	0.990647	0.050758	0.048752	0.370838		0.002043	0.025368	0.514833	0.468819	0.001099	0.012597
15	5	120	0.059496	0.000392	0.000003	0.093826	0.009553	0.001326	0.000696	0.086001	0.010148	0.003401	0.217825	0.326724	0.026201	0.002043		0.377747	0.021850	0.018471	0.653694	0.657774
16	5	180	0.289046	0.005836	0.002367	0.294722	0.075162	0.015845	0.050445	0.271597	0.078718	0.033650	0.868686	0.855170	0.175055	0.025368	0.377747		0.140179	0.123721	0.232181	0.628556
17	10	30	0.605013	0.189651	0.108534	0.528007	0.702672	0.338835	0.624835	0.555775	0.722633	0.508744	0.189651	0.183830	0.809459	0.514833	0.021850	0.140179		0.945123	0.005220	0.049152
18	10	60	0.628673	0.123863	0.123395	0.486468	0.807300	0.270872	0.671539	0.513089	0.824132	0.461676	0.168823	0.163492	0.794735	0.468819	0.018471	0.123721	0.945123		0.004251	0.041896
19	10	120	0.025156	0.000104	0.000000	0.042185	0.003289	0.000384	0.000140	0.038200	0.003515	0.001065	0.093793	0.179879	0.014061	0.001099	0.653694	0.232181	0.005220	0.004251		0.394175
20	10	180	0.147519	0.001750	0.000652	0.126713	0.030577	0.005282	0.019405	0.114474	0.032241	0.012276	0.577757	0.505442	0.095141	0.012597	0.657774	0.628556	0.049152	0.041896	0.394175	

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-10.6667	5.800142	0.068157	-22.1399	0.80659
{1}-{3}	C*30	C*120	-12.4917	5.800142	0.033082	-23.9649	-1.01841
{1}-{4}	C*30	C*180	1.3083	5.800142	0.821885	-10.1649	12.78159
{1}-{5}	C*30	0.1*30	-4.4750	4.966735	0.369232	-14.2997	5.34969
{1}-{6}	C*30	0.1*60	-8.4667	6.137469	0.170072	-20.6072	3.67385

{1}-{7}	C*30	0.1*120	-5.5833	6.137469	0.364632	-17.7239	6.55719
{1}-{8}	C*30	0.1*180	1.0500	6.137469	0.864423	-11.0905	13.19052
{1}-{9}	C*30	1*30	-4.3417	4.966735	0.383625	-14.1664	5.48303
{1}-{10}	C*30	1*60	-6.6417	6.137469	0.281158	-18.7822	5.49885
{1}-{11}	C*30	1*120	5.5167	6.137469	0.370369	-6.6239	17.65719
{1}-{12}	C*30	1*180	5.6250	6.137469	0.361075	-6.5155	17.76552
{1}-{13}	C*30	5*30	-1.3750	4.966735	0.782335	-11.1997	8.44969
{1}-{14}	C*30	5*60	-6.5833	6.137469	0.285387	-18.7239	5.55719
{1}-{15}	C*30	5*120	11.6667	6.137469	0.059496	-0.4739	23.80719
{1}-{16}	C*30	5*180	6.5333	6.137469	0.289046	-5.6072	18.67385
{1}-{17}	C*30	10*30	-2.5750	4.966735	0.605013	-12.3997	7.24969
{1}-{18}	C*30	10*60	-2.9750	6.137469	0.628673	-15.1155	9.16552
{1}-{19}	C*30	10*120	13.9000	6.137469	0.025156	1.7595	26.04052
{1}-{20}	C*30	10*180	8.9417	6.137469	0.147519	-3.1989	21.08219
{2}-{3}	C*60	C*120	-1.8250	5.800142	0.753526	-13.2983	9.64825
{2}-{4}	C*60	C*180	11.9750	5.800142	0.040918	0.5017	23.44825
{2}-{5}	C*60	0.1*30	6.1917	6.137469	0.314902	-5.9489	18.33219
{2}-{6}	C*60	0.1*60	2.2000	4.966735	0.658529	-7.6247	12.02469
{2}-{7}	C*60	0.1*120	5.0833	6.137469	0.409026	-7.0572	17.22385
{2}-{8}	C*60	0.1*180	11.7167	6.137469	0.058428	-0.4239	23.85719
{2}-{9}	C*60	1*30	6.3250	6.137469	0.304634	-5.8155	18.46552
{2}-{10}	C*60	1*60	4.0250	4.966735	0.419174	-5.7997	13.84969
{2}-{11}	C*60	1*120	16.1833	6.137469	0.009373	4.0428	28.32385
{2}-{12}	C*60	1*180	16.2917	6.137469	0.008920	4.1511	28.43219
{2}-{13}	C*60	5*30	9.2917	6.137469	0.132436	-2.8489	21.43219
{2}-{14}	C*60	5*60	4.0833	4.966735	0.412482	-5.7414	13.90803

{2}-{15}	C*60	5*120	22.3333	6.137469	0.000392	10.1928	34.47385
{2}-{16}	C*60	5*180	17.2000	6.137469	0.005836	5.0595	29.34052
{2}-{17}	C*60	10*30	8.0917	6.137469	0.189651	-4.0489	20.23219
{2}-{18}	C*60	10*60	7.6917	4.966735	0.123863	-2.1330	17.51636
{2}-{19}	C*60	10*120	24.5667	6.137469	0.000104	12.4261	36.70719
{2}-{20}	C*60	10*180	19.6083	6.137469	0.001750	7.4678	31.74885
{3}-{4}	C*120	C*180	13.8000	5.800142	0.018779	2.3267	25.27325
{3}-{5}	C*120	0.1*30	8.0167	6.137469	0.193761	-4.1239	20.15719
{3}-{6}	C*120	0.1*60	4.0250	6.137469	0.513089	-8.1155	16.16552
{3}-{7}	C*120	0.1*120	6.9083	4.966735	0.166590	-2.9164	16.73303
{3}-{8}	C*120	0.1*180	13.5417	6.137469	0.029086	1.4011	25.68219
{3}-{9}	C*120	1*30	8.1500	6.137469	0.186500	-3.9905	20.29052
{3}-{10}	C*120	1*60	5.8500	6.137469	0.342250	-6.2905	17.99052
{3}-{11}	C*120	1*120	18.0083	4.966735	0.000410	8.1836	27.83303
{3}-{12}	C*120	1*180	18.1167	6.137469	0.003740	5.9761	30.25719
{3}-{13}	C*120	5*30	11.1167	6.137469	0.072371	-1.0239	23.25719
{3}-{14}	C*120	5*60	5.9083	6.137469	0.337475	-6.2322	18.04885
{3}-{15}	C*120	5*120	24.1583	4.966735	0.000003	14.3336	33.98303
{3}-{16}	C*120	5*180	19.0250	6.137469	0.002367	6.8845	31.16552
{3}-{17}	C*120	10*30	9.9167	6.137469	0.108534	-2.2239	22.05719
{3}-{18}	C*120	10*60	9.5167	6.137469	0.123395	-2.6239	21.65719
{3}-{19}	C*120	10*120	26.3917	4.966735	0.000000	16.5670	36.21636
{3}-{20}	C*120	10*180	21.4333	6.137469	0.000652	9.2928	33.57385
{4}-{5}	C*180	0.1*30	-5.7833	6.137469	0.347761	-17.9239	6.35719
{4}-{6}	C*180	0.1*60	-9.7750	6.137469	0.113625	-21.9155	2.36552
{4}-{7}	C*180	0.1*120	-6.8917	6.137469	0.263525	-19.0322	5.24885

{4}-{8}	C*180	0.1*180	-0.2583	4.966735	0.958597	-10.0830	9.56636
{4}-{9}	C*180	1*30	-5.6500	6.137469	0.358952	-17.7905	6.49052
{4}-{10}	C*180	1*60	-7.9500	6.137469	0.197470	-20.0905	4.19052
{4}-{11}	C*180	1*120	4.2083	6.137469	0.494118	-7.9322	16.34885
{4}-{12}	C*180	1*180	4.3167	4.966735	0.386361	-5.5080	14.14136
{4}-{13}	C*180	5*30	-2.6833	6.137469	0.662677	-14.8239	9.45719
{4}-{14}	C*180	5*60	-7.8917	6.137469	0.200758	-20.0322	4.24885
{4}-{15}	C*180	5*120	10.3583	6.137469	0.093826	-1.7822	22.49885
{4}-{16}	C*180	5*180	5.2250	4.966735	0.294722	-4.5997	15.04969
{4}-{17}	C*180	10*30	-3.8833	6.137469	0.528007	-16.0239	8.25719
{4}-{18}	C*180	10*60	-4.2833	6.137469	0.486468	-16.4239	7.85719
{4}-{19}	C*180	10*120	12.5917	6.137469	0.042185	0.4511	24.73219
{4}-{20}	C*180	10*180	7.6333	4.966735	0.126713	-2.1914	17.45803
{5}-{6}	0.1*30	0.1*60	-3.9917	5.800142	0.492534	-15.4649	7.48159
{5}-{7}	0.1*30	0.1*120	-1.1083	5.800142	0.848751	-12.5816	10.36492
{5}-{8}	0.1*30	0.1*180	5.5250	5.800142	0.342553	-5.9483	16.99825
{5}-{9}	0.1*30	1*30	0.1333	4.966735	0.978624	-9.6914	9.95803
{5}-{10}	0.1*30	1*60	-2.1667	6.137469	0.724634	-14.3072	9.97385
{5}-{11}	0.1*30	1*120	9.9917	6.137469	0.105914	-2.1489	22.13219
{5}-{12}	0.1*30	1*180	10.1000	6.137469	0.102219	-2.0405	22.24052
{5}-{13}	0.1*30	5*30	3.1000	4.966735	0.533605	-6.7247	12.92469
{5}-{14}	0.1*30	5*60	-2.1083	6.137469	0.731755	-14.2489	10.03219
{5}-{15}	0.1*30	5*120	16.1417	6.137469	0.009553	4.0011	28.28219
{5}-{16}	0.1*30	5*180	11.0083	6.137469	0.075162	-1.1322	23.14885
{5}-{17}	0.1*30	10*30	1.9000	4.966735	0.702672	-7.9247	11.72469
{5}-{18}	0.1*30	10*60	1.5000	6.137469	0.807300	-10.6405	13.64052

{5}-{19}	0.1*30	10*120	18.3750	6.137469	0.003289	6.2345	30.51552
{5}-{20}	0.1*30	10*180	13.4167	6.137469	0.030577	1.2761	25.55719
{6}-{7}	0.1*60	0.1*120	2.8833	5.800142	0.619935	-8.5899	14.35659
{6}-{8}	0.1*60	0.1*180	9.5167	5.800142	0.103227	-1.9566	20.98992
{6}-{9}	0.1*60	1*30	4.1250	6.137469	0.502694	-8.0155	16.26552
{6}-{10}	0.1*60	1*60	1.8250	4.966735	0.713876	-7.9997	11.64969
{6}-{11}	0.1*60	1*120	13.9833	6.137469	0.024312	1.8428	26.12385
{6}-{12}	0.1*60	1*180	14.0917	6.137469	0.023251	1.9511	26.23219
{6}-{13}	0.1*60	5*30	7.0917	6.137469	0.249985	-5.0489	19.23219
{6}-{14}	0.1*60	5*60	1.8833	4.966735	0.705156	-7.9414	11.70803
{6}-{15}	0.1*60	5*120	20.1333	6.137469	0.001326	7.9928	32.27385
{6}-{16}	0.1*60	5*180	15.0000	6.137469	0.015845	2.8595	27.14052
{6}-{17}	0.1*60	10*30	5.8917	6.137469	0.338835	-6.2489	18.03219
{6}-{18}	0.1*60	10*60	5.4917	4.966735	0.270872	-4.3330	15.31636
{6}-{19}	0.1*60	10*120	22.3667	6.137469	0.000384	10.2261	34.50719
{6}-{20}	0.1*60	10*180	17.4083	6.137469	0.005282	5.2678	29.54885
{7}-{8}	0.1*120	0.1*180	6.6333	5.800142	0.254839	-4.8399	18.10659
{7}-{9}	0.1*120	1*30	1.2417	6.137469	0.839986	-10.8989	13.38219
{7}-{10}	0.1*120	1*60	-1.0583	6.137469	0.863357	-13.1989	11.08219
{7}-{11}	0.1*120	1*120	11.1000	4.966735	0.027107	1.2753	20.92469
{7}-{12}	0.1*120	1*180	11.2083	6.137469	0.070078	-0.9322	23.34885
{7}-{13}	0.1*120	5*30	4.2083	6.137469	0.494118	-7.9322	16.34885
{7}-{14}	0.1*120	5*60	-1.0000	6.137469	0.870820	-13.1405	11.14052
{7}-{15}	0.1*120	5*120	17.2500	4.966735	0.000696	7.4253	27.07469
{7}-{16}	0.1*120	5*180	12.1167	6.137469	0.050445	-0.0239	24.25719
{7}-{17}	0.1*120	10*30	3.0083	6.137469	0.624835	-9.1322	15.14885

{7}-{18}	0.1*120	10*60	2.6083	6.137469	0.671539	-9.5322	14.74885
{7}-{19}	0.1*120	10*120	19.4833	4.966735	0.000140	9.6586	29.30803
{7}-{20}	0.1*120	10*180	14.5250	6.137469	0.019405	2.3845	26.66552
{8}-{9}	0.1*180	1*30	-5.3917	6.137469	0.381278	-17.5322	6.74885
{8}-{10}	0.1*180	1*60	-7.6917	6.137469	0.212337	-19.8322	4.44885
{8}-{11}	0.1*180	1*120	4.4667	6.137469	0.468043	-7.6739	16.60719
{8}-{12}	0.1*180	1*180	4.5750	4.966735	0.358664	-5.2497	14.39969
{8}-{13}	0.1*180	5*30	-2.4250	6.137469	0.693396	-14.5655	9.71552
{8}-{14}	0.1*180	5*60	-7.6333	6.137469	0.215804	-19.7739	4.50719
{8}-{15}	0.1*180	5*120	10.6167	6.137469	0.086001	-1.5239	22.75719
{8}-{16}	0.1*180	5*180	5.4833	4.966735	0.271597	-4.3414	15.30803
{8}-{17}	0.1*180	10*30	-3.6250	6.137469	0.555775	-15.7655	8.51552
{8}-{18}	0.1*180	10*60	-4.0250	6.137469	0.513089	-16.1655	8.11552
{8}-{19}	0.1*180	10*120	12.8500	6.137469	0.038200	0.7095	24.99052
{8}-{20}	0.1*180	10*180	7.8917	4.966735	0.114474	-1.9330	17.71636
{9}-{10}	1*30	1*60	-2.3000	5.800142	0.692346	-13.7733	9.17325
{9}-{11}	1*30	1*120	9.8583	5.800142	0.091548	-1.6149	21.33159
{9}-{12}	1*30	1*180	9.9667	5.800142	0.088078	-1.5066	21.43992
{9}-{13}	1*30	5*30	2.9667	4.966735	0.551325	-6.8580	12.79136
{9}-{14}	1*30	5*60	-2.2417	6.137469	0.715515	-14.3822	9.89885
{9}-{15}	1*30	5*120	16.0083	6.137469	0.010148	3.8678	28.14885
{9}-{16}	1*30	5*180	10.8750	6.137469	0.078718	-1.2655	23.01552
{9}-{17}	1*30	10*30	1.7667	4.966735	0.722633	-8.0580	11.59136
{9}-{18}	1*30	10*60	1.3667	6.137469	0.824132	-10.7739	13.50719
{9}-{19}	1*30	10*120	18.2417	6.137469	0.003515	6.1011	30.38219
{9}-{20}	1*30	10*180	13.2833	6.137469	0.032241	1.1428	25.42385



{10}-{11}	1*60	1*120	12.1583	5.800142	0.037972	0.6851	23.63159
{10}-{12}	1*60	1*180	12.2667	5.800142	0.036319	0.7934	23.73992
{10}-{13}	1*60	5*30	5.2667	6.137469	0.392383	-6.8739	17.40719
{10}-{14}	1*60	5*60	0.0583	4.966735	0.990647	-9.7664	9.88303
{10}-{15}	1*60	5*120	18.3083	6.137469	0.003401	6.1678	30.44885
{10}-{16}	1*60	5*180	13.1750	6.137469	0.033650	1.0345	25.31552
{10}-{17}	1*60	10*30	4.0667	6.137469	0.508744	-8.0739	16.20719
{10}-{18}	1*60	10*60	3.6667	4.966735	0.461676	-6.1580	13.49136
{10}-{19}	1*60	10*120	20.5417	6.137469	0.001065	8.4011	32.68219
{10}-{20}	1*60	10*180	15.5833	6.137469	0.012276	3.4428	27.72385
{11}-{12}	1*120	1*180	0.1083	5.800142	0.985126	-11.3649	11.58159
{11}-{13}	1*120	5*30	-6.8917	6.137469	0.263525	-19.0322	5.24885
{11}-{14}	1*120	5*60	-12.1000	6.137469	0.050758	-24.2405	0.04052
{11}-{15}	1*120	5*120	6.1500	4.966735	0.217825	-3.6747	15.97469
{11}-{16}	1*120	5*180	1.0167	6.137469	0.868686	-11.1239	13.15719
{11}-{17}	1*120	10*30	-8.0917	6.137469	0.189651	-20.2322	4.04885
{11}-{18}	1*120	10*60	-8.4917	6.137469	0.168823	-20.6322	3.64885
{11}-{19}	1*120	10*120	8.3833	4.966735	0.093793	-1.4414	18.20803
{11}-{20}	1*120	10*180	3.4250	6.137469	0.577757	-8.7155	15.56552
{12}-{13}	1*180	5*30	-7.0000	6.137469	0.256128	-19.1405	5.14052
{12}-{14}	1*180	5*60	-12.2083	6.137469	0.048752	-24.3489	-0.06781
{12}-{15}	1*180	5*120	6.0417	6.137469	0.326724	-6.0989	18.18219
{12}-{16}	1*180	5*180	0.9083	4.966735	0.855170	-8.9164	10.73303
{12}-{17}	1*180	10*30	-8.2000	6.137469	0.183830	-20.3405	3.94052
{12}-{18}	1*180	10*60	-8.6000	6.137469	0.163492	-20.7405	3.54052
{12}-{19}	1*180	10*120	8.2750	6.137469	0.179879	-3.8655	20.41552

{12}-{20}	1*180	10*180	3.3167	4.966735	0.505442	-6.5080	13.14136
{13}-{14}	5*30	5*60	-5.2083	5.800142	0.370838	-16.6816	6.26492
{13}-{15}	5*30	5*120	13.0417	5.800142	0.026201	1.5684	24.51492
{13}-{16}	5*30	5*180	7.9083	5.800142	0.175055	-3.5649	19.38159
{13}-{17}	5*30	10*30	-1.2000	4.966735	0.809459	-11.0247	8.62469
{13}-{18}	5*30	10*60	-1.6000	6.137469	0.794735	-13.7405	10.54052
{13}-{19}	5*30	10*120	15.2750	6.137469	0.014061	3.1345	27.41552
{13}-{20}	5*30	10*180	10.3167	6.137469	0.095141	-1.8239	22.45719
{14}-{15}	5*60	5*120	18.2500	5.800142	0.002043	6.7767	29.72325
{14}-{16}	5*60	5*180	13.1167	5.800142	0.025368	1.6434	24.58992
{14}-{17}	5*60	10*30	4.0083	6.137469	0.514833	-8.1322	16.14885
{14}-{18}	5*60	10*60	3.6083	4.966735	0.468819	-6.2164	13.43303
{14}-{19}	5*60	10*120	20.4833	6.137469	0.001099	8.3428	32.62385
{14}-{20}	5*60	10*180	15.5250	6.137469	0.012597	3.3845	27.66552
{15}-{16}	5*120	5*180	-5.1333	5.800142	0.377747	-16.6066	6.33992
{15}-{17}	5*120	10*30	-14.2417	6.137469	0.021850	-26.3822	-2.10115
{15}-{18}	5*120	10*60	-14.6417	6.137469	0.018471	-26.7822	-2.50115
{15}-{19}	5*120	10*120	2.2333	4.966735	0.653694	-7.5914	12.05803
{15}-{20}	5*120	10*180	-2.7250	6.137469	0.657774	-14.8655	9.41552
{16}-{17}	5*180	10*30	-9.1083	6.137469	0.140179	-21.2489	3.03219
{16}-{18}	5*180	10*60	-9.5083	6.137469	0.123721	-21.6489	2.63219
{16}-{19}	5*180	10*120	7.3667	6.137469	0.232181	-4.7739	19.50719
{16}-{20}	5*180	10*180	2.4083	4.966735	0.628556	-7.4164	12.23303
{17}-{18}	10*30	10*60	-0.4000	5.800142	0.945123	-11.8733	11.07325
{17}-{19}	10*30	10*120	16.4750	5.800142	0.005220	5.0017	27.94825
{17}-{20}	10*30	10*180	11.5167	5.800142	0.049152	0.0434	22.98992

{18}-{19}	10*60	10*120	16.8750	5.800142	0.004251	5.4017	28.34825
{18}-{20}	10*60	10*180	11.9167	5.800142	0.041896	0.4434	23.38992
{19}-{20}	10*120	10*180	-4.9583	5.800142	0.394175	-16.4316	6.51492

LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 14.408	{2} - 12.817	{3} - 15.692	{4} - 14.942	{5} - 12.808	{6} - 11.675	{7} - 16.508	{8} - 21.125	{9} - 17.675	{10} - 10.733	{11} - 17.158	{12} - 17.908	{13} - 15.192	{14} - 13.550	{15} - 14.467	{16} - 16.458	{17} - 16.625	{18} - 15.583	{19} - 15.467	{20} - 23.733
1	C	30		0.531744	0.614024	0.833919	0.497399	0.298094	0.423650	0.011372	0.167083	0.162505	0.295169	0.183306	0.739552	0.743397	0.982247	0.434744	0.347539	0.654116	0.686512	0.000509
2	C	60	0.531744		0.259462	0.404054	0.997464	0.628096	0.160622	0.001863	0.065568	0.377213	0.099422	0.053782	0.365691	0.755622	0.529384	0.166322	0.147904	0.241454	0.313008	0.000054
3	C	120	0.614024	0.259462		0.768119	0.272476	0.127146	0.728902	0.039782	0.449797	0.060276	0.533859	0.398425	0.848745	0.414534	0.603250	0.769973	0.721878	0.967036	0.923911	0.002571
4	C	180	0.833919	0.404054	0.768119		0.416348	0.214063	0.550357	0.009560	0.298094	0.110141	0.398425	0.209280	0.924025	0.595703	0.856222	0.520028	0.521112	0.806653	0.841282	0.000274
5	0.1	30	0.497399	0.997464	0.272476	0.416348		0.656005	0.147347	0.001345	0.040424	0.429176	0.098781	0.053396	0.312620	0.777270	0.527310	0.165361	0.106931	0.290819	0.311494	0.000054
6	0.1	60	0.298094	0.628096	0.127146	0.214063	0.656005		0.059090	0.000291	0.023421	0.689447	0.038021	0.018631	0.181243	0.426636	0.287944	0.069786	0.060703	0.098848	0.149671	0.000009
7	0.1	120	0.423650	0.160622	0.728902	0.550357	0.147347	0.059090		0.071236	0.656409	0.029032	0.782642	0.593505	0.615651	0.260255	0.386801	0.984783	0.964502	0.724259	0.658480	0.006577
8	0.1	180	0.011372	0.001863	0.039782	0.009560	0.001345	0.000291	0.071236		0.189602	0.000117	0.131906	0.173627	0.024975	0.004437	0.012087	0.049251	0.087803	0.036053	0.032378	0.269314
9	1	30	0.167083	0.065568	0.449797	0.298094	0.040424	0.023421	0.656409	0.189602		0.007106	0.839036	0.926904	0.292830	0.117297	0.222310	0.642700	0.655926	0.425487	0.400195	0.022132
10	1	60	0.162505	0.377213	0.060276	0.110141	0.429176	0.689447	0.029032	0.000117	0.007106		0.012548	0.005440	0.090748	0.233098	0.155987	0.030427	0.025991	0.041104	0.072722	0.000002
11	1	120	0.295169	0.099422	0.533859	0.398425	0.098781	0.038021	0.782642	0.131906	0.839036	0.012548		0.768119	0.453606	0.170206	0.254384	0.789477	0.838797	0.548241	0.473132	0.013178
12	1	180	0.183306	0.053782	0.398425	0.209280	0.053396	0.018631	0.593505	0.173627	0.926904	0.005440	0.768119		0.301037	0.098143	0.190666	0.538510	0.624611	0.375840	0.352431	0.014500
13	5	30	0.739552	0.365691	0.848745	0.924025	0.312620	0.181243	0.615651	0.024975	0.292830	0.090748	0.453606	0.301037		0.518953	0.775635	0.618630	0.543183	0.881237	0.916454	0.001397
14	5	60	0.743397	0.755622	0.414534	0.595703	0.777270	0.426636	0.260255	0.004437	0.117297	0.233098	0.170206	0.098143	0.518953		0.718603	0.254006	0.242017	0.388737	0.465144	0.000157
15	5	120	0.982247	0.529384	0.603250	0.856222	0.527310	0.287944	0.386801	0.012087	0.222310	0.155987	0.254384	0.190666	0.775635	0.718603		0.434113	0.410921	0.670236	0.671315	0.000550
16	5	180	0.434744	0.166322	0.769973	0.520028	0.165361	0.069786	0.984783	0.049251	0.642700	0.030427	0.789477	0.538510	0.618630	0.254006	0.434113		0.949307	0.738597	0.705293	0.002411
17	10	30	0.347539	0.147904	0.721878	0.521112	0.106931	0.060703	0.964502	0.087803	0.655926	0.025991	0.838797	0.624611	0.543183	0.242017	0.410921	0.949307		0.682223	0.648926	0.005875

18	10	60	0.654116	0.241454	0.967036	0.806653	0.290819	0.098848	0.724259	0.036053	0.425487	0.041104	0.548241	0.375840	0.881237	0.388737	0.670236	0.738597	0.682223	0.963413	0.001664
19	10	120	0.686512	0.313008	0.923911	0.841282	0.311494	0.149671	0.658480	0.032378	0.400195	0.072722	0.473132	0.352431	0.916454	0.465144	0.671315	0.705293	0.648926	0.963413	0.001434
20	10	180	0.000509	0.000054	0.002571	0.000274	0.000054	0.000009	0.006577	0.269314	0.022132	0.000002	0.013178	0.014500	0.001397	0.000157	0.000550	0.002411	0.005875	0.001664	0.001434

**LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	1.5917	2.538552	0.531744	-3.4298	6.61317
{1}-{3}	C*30	C*120	-1.2833	2.538552	0.614024	-6.3048	3.73817
{1}-{4}	C*30	C*180	-0.5333	2.538552	0.833919	-5.5548	4.48817
{1}-{5}	C*30	0.1*30	1.6000	2.351315	0.497399	-3.0511	6.25113
{1}-{6}	C*30	0.1*60	2.7333	2.616503	0.298094	-2.4424	7.90904
{1}-{7}	C*30	0.1*120	-2.1000	2.616503	0.423650	-7.2757	3.07570
{1}-{8}	C*30	0.1*180	-6.7167	2.616503	0.011372	-11.8924	-1.54096
{1}-{9}	C*30	1*30	-3.2667	2.351315	0.167083	-7.9178	1.38447
{1}-{10}	C*30	1*60	3.6750	2.616503	0.162505	-1.5007	8.85070
{1}-{11}	C*30	1*120	-2.7500	2.616503	0.295169	-7.9257	2.42570
{1}-{12}	C*30	1*180	-3.5000	2.616503	0.183306	-8.6757	1.67570
{1}-{13}	C*30	5*30	-0.7833	2.351315	0.739552	-5.4345	3.86780
{1}-{14}	C*30	5*60	0.8583	2.616503	0.743397	-4.3174	6.03404
{1}-{15}	C*30	5*120	-0.0583	2.616503	0.982247	-5.2340	5.11737
{1}-{16}	C*30	5*180	-2.0500	2.616503	0.434744	-7.2257	3.12570
{1}-{17}	C*30	10*30	-2.2167	2.351315	0.347539	-6.8678	2.43447

{1}-{18}	C*30	10*60	-1.1750	2.616503	0.654116	-6.3507	4.00070
{1}-{19}	C*30	10*120	-1.0583	2.616503	0.686512	-6.2340	4.11737
{1}-{20}	C*30	10*180	-9.3250	2.616503	0.000509	-14.5007	-4.14930
{2}-{3}	C*60	C*120	-2.8750	2.538552	0.259462	-7.8965	2.14651
{2}-{4}	C*60	C*180	-2.1250	2.538552	0.404054	-7.1465	2.89651
{2}-{5}	C*60	0.1*30	0.0083	2.616503	0.997464	-5.1674	5.18404
{2}-{6}	C*60	0.1*60	1.1417	2.351315	0.628096	-3.5095	5.79280
{2}-{7}	C*60	0.1*120	-3.6917	2.616503	0.160622	-8.8674	1.48404
{2}-{8}	C*60	0.1*180	-8.3083	2.616503	0.001863	-13.4840	-3.13263
{2}-{9}	C*60	1*30	-4.8583	2.616503	0.065568	-10.0340	0.31737
{2}-{10}	C*60	1*60	2.0833	2.351315	0.377213	-2.5678	6.73447
{2}-{11}	C*60	1*120	-4.3417	2.616503	0.099422	-9.5174	0.83404
{2}-{12}	C*60	1*180	-5.0917	2.616503	0.053782	-10.2674	0.08404
{2}-{13}	C*60	5*30	-2.3750	2.616503	0.365691	-7.5507	2.80070
{2}-{14}	C*60	5*60	-0.7333	2.351315	0.755622	-5.3845	3.91780
{2}-{15}	C*60	5*120	-1.6500	2.616503	0.529384	-6.8257	3.52570
{2}-{16}	C*60	5*180	-3.6417	2.616503	0.166322	-8.8174	1.53404
{2}-{17}	C*60	10*30	-3.8083	2.616503	0.147904	-8.9840	1.36737
{2}-{18}	C*60	10*60	-2.7667	2.351315	0.241454	-7.4178	1.88447
{2}-{19}	C*60	10*120	-2.6500	2.616503	0.313008	-7.8257	2.52570
{2}-{20}	C*60	10*180	-10.9167	2.616503	0.000054	-16.0924	-5.74096
{3}-{4}	C*120	C*180	0.7500	2.538552	0.768119	-4.2715	5.77151
{3}-{5}	C*120	0.1*30	2.8833	2.616503	0.272476	-2.2924	8.05904
{3}-{6}	C*120	0.1*60	4.0167	2.616503	0.127146	-1.1590	9.19237
{3}-{7}	C*120	0.1*120	-0.8167	2.351315	0.728902	-5.4678	3.83447
{3}-{8}	C*120	0.1*180	-5.4333	2.616503	0.039782	-10.6090	-0.25763

{3}-{9}	C*120	1*30	-1.9833	2.616503	0.449797	-7.1590	3.19237
{3}-{10}	C*120	1*60	4.9583	2.616503	0.060276	-0.2174	10.13404
{3}-{11}	C*120	1*120	-1.4667	2.351315	0.533859	-6.1178	3.18447
{3}-{12}	C*120	1*180	-2.2167	2.616503	0.398425	-7.3924	2.95904
{3}-{13}	C*120	5*30	0.5000	2.616503	0.848745	-4.6757	5.67570
{3}-{14}	C*120	5*60	2.1417	2.616503	0.414534	-3.0340	7.31737
{3}-{15}	C*120	5*120	1.2250	2.351315	0.603250	-3.4261	5.87613
{3}-{16}	C*120	5*180	-0.7667	2.616503	0.769973	-5.9424	4.40904
{3}-{17}	C*120	10*30	-0.9333	2.616503	0.721878	-6.1090	4.24237
{3}-{18}	C*120	10*60	0.1083	2.616503	0.967036	-5.0674	5.28404
{3}-{19}	C*120	10*120	0.2250	2.351315	0.923911	-4.4261	4.87613
{3}-{20}	C*120	10*180	-8.0417	2.616503	0.002571	-13.2174	-2.86596
{4}-{5}	C*180	0.1*30	2.1333	2.616503	0.416348	-3.0424	7.30904
{4}-{6}	C*180	0.1*60	3.2667	2.616503	0.214063	-1.9090	8.44237
{4}-{7}	C*180	0.1*120	-1.5667	2.616503	0.550357	-6.7424	3.60904
{4}-{8}	C*180	0.1*180	-6.1833	2.351315	0.009560	-10.8345	-1.53220
{4}-{9}	C*180	1*30	-2.7333	2.616503	0.298094	-7.9090	2.44237
{4}-{10}	C*180	1*60	4.2083	2.616503	0.110141	-0.9674	9.38404
{4}-{11}	C*180	1*120	-2.2167	2.616503	0.398425	-7.3924	2.95904
{4}-{12}	C*180	1*180	-2.9667	2.351315	0.209280	-7.6178	1.68447
{4}-{13}	C*180	5*30	-0.2500	2.616503	0.924025	-5.4257	4.92570
{4}-{14}	C*180	5*60	1.3917	2.616503	0.595703	-3.7840	6.56737
{4}-{15}	C*180	5*120	0.4750	2.616503	0.856222	-4.7007	5.65070
{4}-{16}	C*180	5*180	-1.5167	2.351315	0.520028	-6.1678	3.13447
{4}-{17}	C*180	10*30	-1.6833	2.616503	0.521112	-6.8590	3.49237
{4}-{18}	C*180	10*60	-0.6417	2.616503	0.806653	-5.8174	4.53404

{4}-{19}	C*180	10*120	-0.5250	2.616503	0.841282	-5.7007	4.65070
{4}-{20}	C*180	10*180	-8.7917	2.351315	0.000274	-13.4428	-4.14053
{5}-{6}	0.1*30	0.1*60	1.1333	2.538552	0.656005	-3.8882	6.15484
{5}-{7}	0.1*30	0.1*120	-3.7000	2.538552	0.147347	-8.7215	1.32151
{5}-{8}	0.1*30	0.1*180	-8.3167	2.538552	0.001345	-13.3382	-3.29516
{5}-{9}	0.1*30	1*30	-4.8667	2.351315	0.040424	-9.5178	-0.21553
{5}-{10}	0.1*30	1*60	2.0750	2.616503	0.429176	-3.1007	7.25070
{5}-{11}	0.1*30	1*120	-4.3500	2.616503	0.098781	-9.5257	0.82570
{5}-{12}	0.1*30	1*180	-5.1000	2.616503	0.053396	-10.2757	0.07570
{5}-{13}	0.1*30	5*30	-2.3833	2.351315	0.312620	-7.0345	2.26780
{5}-{14}	0.1*30	5*60	-0.7417	2.616503	0.777270	-5.9174	4.43404
{5}-{15}	0.1*30	5*120	-1.6583	2.616503	0.527310	-6.8340	3.51737
{5}-{16}	0.1*30	5*180	-3.6500	2.616503	0.165361	-8.8257	1.52570
{5}-{17}	0.1*30	10*30	-3.8167	2.351315	0.106931	-8.4678	0.83447
{5}-{18}	0.1*30	10*60	-2.7750	2.616503	0.290819	-7.9507	2.40070
{5}-{19}	0.1*30	10*120	-2.6583	2.616503	0.311494	-7.8340	2.51737
{5}-{20}	0.1*30	10*180	-10.9250	2.616503	0.000054	-16.1007	-5.74930
{6}-{7}	0.1*60	0.1*120	-4.8333	2.538552	0.059090	-9.8548	0.18817
{6}-{8}	0.1*60	0.1*180	-9.4500	2.538552	0.000291	-14.4715	-4.42849
{6}-{9}	0.1*60	1*30	-6.0000	2.616503	0.023421	-11.1757	-0.82430
{6}-{10}	0.1*60	1*60	0.9417	2.351315	0.689447	-3.7095	5.59280
{6}-{11}	0.1*60	1*120	-5.4833	2.616503	0.038021	-10.6590	-0.30763
{6}-{12}	0.1*60	1*180	-6.2333	2.616503	0.018631	-11.4090	-1.05763
{6}-{13}	0.1*60	5*30	-3.5167	2.616503	0.181243	-8.6924	1.65904
{6}-{14}	0.1*60	5*60	-1.8750	2.351315	0.426636	-6.5261	2.77613
{6}-{15}	0.1*60	5*120	-2.7917	2.616503	0.287944	-7.9674	2.38404

{6}-{16}	0.1*60	5*180	-4.7833	2.616503	0.069786	-9.9590	0.39237
{6}-{17}	0.1*60	10*30	-4.9500	2.616503	0.060703	-10.1257	0.22570
{6}-{18}	0.1*60	10*60	-3.9083	2.351315	0.098848	-8.5595	0.74280
{6}-{19}	0.1*60	10*120	-3.7917	2.616503	0.149671	-8.9674	1.38404
{6}-{20}	0.1*60	10*180	-12.0583	2.616503	0.000009	-17.2340	-6.88263
{7}-{8}	0.1*120	0.1*180	-4.6167	2.538552	0.071236	-9.6382	0.40484
{7}-{9}	0.1*120	1*30	-1.1667	2.616503	0.656409	-6.3424	4.00904
{7}-{10}	0.1*120	1*60	5.7750	2.616503	0.029032	0.5993	10.95070
{7}-{11}	0.1*120	1*120	-0.6500	2.351315	0.782642	-5.3011	4.00113
{7}-{12}	0.1*120	1*180	-1.4000	2.616503	0.593505	-6.5757	3.77570
{7}-{13}	0.1*120	5*30	1.3167	2.616503	0.615651	-3.8590	6.49237
{7}-{14}	0.1*120	5*60	2.9583	2.616503	0.260255	-2.2174	8.13404
{7}-{15}	0.1*120	5*120	2.0417	2.351315	0.386801	-2.6095	6.69280
{7}-{16}	0.1*120	5*180	0.0500	2.616503	0.984783	-5.1257	5.22570
{7}-{17}	0.1*120	10*30	-0.1167	2.616503	0.964502	-5.2924	5.05904
{7}-{18}	0.1*120	10*60	0.9250	2.616503	0.724259	-4.2507	6.10070
{7}-{19}	0.1*120	10*120	1.0417	2.351315	0.658480	-3.6095	5.69280
{7}-{20}	0.1*120	10*180	-7.2250	2.616503	0.006577	-12.4007	-2.04930
{8}-{9}	0.1*180	1*30	3.4500	2.616503	0.189602	-1.7257	8.62570
{8}-{10}	0.1*180	1*60	10.3917	2.616503	0.000117	5.2160	15.56737
{8}-{11}	0.1*180	1*120	3.9667	2.616503	0.131906	-1.2090	9.14237
{8}-{12}	0.1*180	1*180	3.2167	2.351315	0.173627	-1.4345	7.86780
{8}-{13}	0.1*180	5*30	5.9333	2.616503	0.024975	0.7576	11.10904
{8}-{14}	0.1*180	5*60	7.5750	2.616503	0.004437	2.3993	12.75070
{8}-{15}	0.1*180	5*120	6.6583	2.616503	0.012087	1.4826	11.83404
{8}-{16}	0.1*180	5*180	4.6667	2.351315	0.049251	0.0155	9.31780



{8}-{17}	0.1*180	10*30	4.5000	2.616503	0.087803	-0.6757	9.67570
{8}-{18}	0.1*180	10*60	5.5417	2.616503	0.036053	0.3660	10.71737
{8}-{19}	0.1*180	10*120	5.6583	2.616503	0.032378	0.4826	10.83404
{8}-{20}	0.1*180	10*180	-2.6083	2.351315	0.269314	-7.2595	2.04280
{9}-{10}	1*30	1*60	6.9417	2.538552	0.007106	1.9202	11.96317
{9}-{11}	1*30	1*120	0.5167	2.538552	0.839036	-4.5048	5.53817
{9}-{12}	1*30	1*180	-0.2333	2.538552	0.926904	-5.2548	4.78817
{9}-{13}	1*30	5*30	2.4833	2.351315	0.292830	-2.1678	7.13447
{9}-{14}	1*30	5*60	4.1250	2.616503	0.117297	-1.0507	9.30070
{9}-{15}	1*30	5*120	3.2083	2.616503	0.222310	-1.9674	8.38404
{9}-{16}	1*30	5*180	1.2167	2.616503	0.642700	-3.9590	6.39237
{9}-{17}	1*30	10*30	1.0500	2.351315	0.655926	-3.6011	5.70113
{9}-{18}	1*30	10*60	2.0917	2.616503	0.425487	-3.0840	7.26737
{9}-{19}	1*30	10*120	2.2083	2.616503	0.400195	-2.9674	7.38404
{9}-{20}	1*30	10*180	-6.0583	2.616503	0.022132	-11.2340	-0.88263
{10}-{11}	1*60	1*120	-6.4250	2.538552	0.012548	-11.4465	-1.40349
{10}-{12}	1*60	1*180	-7.1750	2.538552	0.005440	-12.1965	-2.15349
{10}-{13}	1*60	5*30	-4.4583	2.616503	0.090748	-9.6340	0.71737
{10}-{14}	1*60	5*60	-2.8167	2.351315	0.233098	-7.4678	1.83447
{10}-{15}	1*60	5*120	-3.7333	2.616503	0.155987	-8.9090	1.44237
{10}-{16}	1*60	5*180	-5.7250	2.616503	0.030427	-10.9007	-0.54930
{10}-{17}	1*60	10*30	-5.8917	2.616503	0.025991	-11.0674	-0.71596
{10}-{18}	1*60	10*60	-4.8500	2.351315	0.041104	-9.5011	-0.19887
{10}-{19}	1*60	10*120	-4.7333	2.616503	0.072722	-9.9090	0.44237
{10}-{20}	1*60	10*180	-13.0000	2.616503	0.000002	-18.1757	-7.82430
{11}-{12}	1*120	1*180	-0.7500	2.538552	0.768119	-5.7715	4.27151

{11}-{13}	1*120	5*30	1.9667	2.616503	0.453606	-3.2090	7.14237
{11}-{14}	1*120	5*60	3.6083	2.616503	0.170206	-1.5674	8.78404
{11}-{15}	1*120	5*120	2.6917	2.351315	0.254384	-1.9595	7.34280
{11}-{16}	1*120	5*180	0.7000	2.616503	0.789477	-4.4757	5.87570
{11}-{17}	1*120	10*30	0.5333	2.616503	0.838797	-4.6424	5.70904
{11}-{18}	1*120	10*60	1.5750	2.616503	0.548241	-3.6007	6.75070
{11}-{19}	1*120	10*120	1.6917	2.351315	0.473132	-2.9595	6.34280
{11}-{20}	1*120	10*180	-6.5750	2.616503	0.013178	-11.7507	-1.39930
{12}-{13}	1*180	5*30	2.7167	2.616503	0.301037	-2.4590	7.89237
{12}-{14}	1*180	5*60	4.3583	2.616503	0.098143	-0.8174	9.53404
{12}-{15}	1*180	5*120	3.4417	2.616503	0.190666	-1.7340	8.61737
{12}-{16}	1*180	5*180	1.4500	2.351315	0.538510	-3.2011	6.10113
{12}-{17}	1*180	10*30	1.2833	2.616503	0.624611	-3.8924	6.45904
{12}-{18}	1*180	10*60	2.3250	2.616503	0.375840	-2.8507	7.50070
{12}-{19}	1*180	10*120	2.4417	2.616503	0.352431	-2.7340	7.61737
{12}-{20}	1*180	10*180	-5.8250	2.351315	0.014500	-10.4761	-1.17387
{13}-{14}	5*30	5*60	1.6417	2.538552	0.518953	-3.3798	6.66317
{13}-{15}	5*30	5*120	0.7250	2.538552	0.775635	-4.2965	5.74651
{13}-{16}	5*30	5*180	-1.2667	2.538552	0.618630	-6.2882	3.75484
{13}-{17}	5*30	10*30	-1.4333	2.351315	0.543183	-6.0845	3.21780
{13}-{18}	5*30	10*60	-0.3917	2.616503	0.881237	-5.5674	4.78404
{13}-{19}	5*30	10*120	-0.2750	2.616503	0.916454	-5.4507	4.90070
{13}-{20}	5*30	10*180	-8.5417	2.616503	0.001397	-13.7174	-3.36596
{14}-{15}	5*60	5*120	-0.9167	2.538552	0.718603	-5.9382	4.10484
{14}-{16}	5*60	5*180	-2.9083	2.538552	0.254006	-7.9298	2.11317
{14}-{17}	5*60	10*30	-3.0750	2.616503	0.242017	-8.2507	2.10070

{14}-{18}	5*60	10*60	-2.0333	2.351315	0.388737	-6.6845	2.61780
{14}-{19}	5*60	10*120	-1.9167	2.616503	0.465144	-7.0924	3.25904
{14}-{20}	5*60	10*180	-10.1833	2.616503	0.000157	-15.3590	-5.00763
{15}-{16}	5*120	5*180	-1.9917	2.538552	0.434113	-7.0132	3.02984
{15}-{17}	5*120	10*30	-2.1583	2.616503	0.410921	-7.3340	3.01737
{15}-{18}	5*120	10*60	-1.1167	2.616503	0.670236	-6.2924	4.05904
{15}-{19}	5*120	10*120	-1.0000	2.351315	0.671315	-5.6511	3.65113
{15}-{20}	5*120	10*180	-9.2667	2.616503	0.000550	-14.4424	-4.09096
{16}-{17}	5*180	10*30	-0.1667	2.616503	0.949307	-5.3424	5.00904
{16}-{18}	5*180	10*60	0.8750	2.616503	0.738597	-4.3007	6.05070
{16}-{19}	5*180	10*120	0.9917	2.616503	0.705293	-4.1840	6.16737
{16}-{20}	5*180	10*180	-7.2750	2.351315	0.002411	-11.9261	-2.62387
{17}-{18}	10*30	10*60	1.0417	2.538552	0.682223	-3.9798	6.06317
{17}-{19}	10*30	10*120	1.1583	2.538552	0.648926	-3.8632	6.17984
{17}-{20}	10*30	10*180	-7.1083	2.538552	0.005875	-12.1298	-2.08683
{18}-{19}	10*60	10*120	0.1167	2.538552	0.963413	-4.9048	5.13817
{18}-{20}	10*60	10*180	-8.1500	2.538552	0.001664	-13.1715	-3.12849
{19}-{20}	10*120	10*180	-8.2667	2.538552	0.001434	-13.2882	-3.24516

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 10.108	{2} - 7.7250	{3} - 6.7000	{4} - 9.4500	{5} - 7.9167	{6} - 7.6333	{7} - 8.4917	{8} - 9.0667	{9} - 7.8000	{10} - 7.6917	{11} - 12.625	{12} - 11.750	{13} - 8.6583	{14} - 8.2833	{15} - 12.800	{16} - 11.650	{17} - 8.8417	{18} - 8.8917	{19} - 12.083	{20} - 9.9917
1	C	30		0.126789	0.029735	0.671935	0.135447	0.123034	0.312520	0.514738	0.116017	0.132033	0.116907	0.305125	0.322130	0.254498	0.093778	0.335415	0.386881	0.446835	0.217714	0.941787
2	C	60	0.126789		0.509868	0.268098	0.904511	0.949999	0.631466	0.401661	0.962558	0.981807	0.002576	0.012784	0.559344	0.702575	0.001820	0.015130	0.484990	0.425366	0.007133	0.157545

3	C	120	0.029735	0.509868		0.078538	0.446835	0.559344	0.221635	0.140151	0.491518	0.535091	0.000083	0.001914	0.221599	0.322564	0.000053	0.002335	0.181557	0.171642	0.000327	0.040954
4	C	180	0.671935	0.268098	0.078538		0.338025	0.256663	0.548884	0.793166	0.302687	0.272178	0.048538	0.117327	0.620395	0.465693	0.037559	0.133980	0.703452	0.726795	0.101036	0.711044
5	0.1	30	0.135447	0.904511	0.446835	0.338025		0.855337	0.711445	0.459751	0.936388	0.888006	0.003731	0.017609	0.612069	0.818494	0.002662	0.020719	0.527187	0.541965	0.010018	0.195439
6	0.1	60	0.123034	0.949999	0.559344	0.256663	0.855337		0.580936	0.357121	0.916917	0.968169	0.002150	0.010926	0.521477	0.656685	0.001512	0.012966	0.449947	0.390004	0.006041	0.141541
7	0.1	120	0.312520	0.631466	0.221635	0.548884	0.711445	0.580936		0.711445	0.665178	0.616723	0.005336	0.043009	0.916917	0.896253	0.003728	0.049713	0.826609	0.802325	0.015118	0.348595
8	0.1	180	0.514738	0.401661	0.140151	0.793166	0.459751	0.357121	0.711445		0.428424	0.390100	0.027337	0.068143	0.798296	0.624076	0.020719	0.078937	0.888006	0.912779	0.060711	0.527187
9	1	30	0.116017	0.962558	0.491518	0.302687	0.936388	0.916917	0.665178	0.428424		0.944423	0.002287	0.012024	0.557340	0.762289	0.002115	0.017133	0.476519	0.494800	0.008158	0.171642
10	1	60	0.132033	0.981807	0.535091	0.272178	0.888006	0.968169	0.616723	0.390100	0.944423		0.001832	0.009920	0.545419	0.685750	0.001702	0.014309	0.472077	0.412293	0.006717	0.151572
11	1	120	0.116907	0.002576	0.000083	0.048538	0.003731	0.002150	0.005336	0.027337	0.002287	0.001832		0.573623	0.014109	0.007350	0.904710	0.541965	0.019108	0.020719	0.711044	0.101036
12	1	180	0.305125	0.012784	0.001914	0.117327	0.017609	0.010926	0.043009	0.068143	0.012024	0.009920	0.573623		0.054658	0.031490	0.511386	0.945460	0.070438	0.075345	0.834742	0.230303
13	5	30	0.322130	0.559344	0.221599	0.620395	0.612069	0.521477	0.916917	0.798296	0.557340	0.545419	0.014109	0.054658		0.809333	0.008533	0.055904	0.900196	0.883888	0.033552	0.404584
14	5	60	0.254498	0.702575	0.322564	0.465693	0.818494	0.656685	0.896253	0.624076	0.762289	0.685750	0.007350	0.031490	0.809333		0.004218	0.031754	0.726795	0.677395	0.018597	0.285984
15	5	120	0.093778	0.001820	0.000053	0.037559	0.002662	0.001512	0.003728	0.020719	0.002115	0.001702	0.904710	0.511386	0.008533	0.004218		0.459751	0.014309	0.015556	0.624103	0.080532
16	5	180	0.335415	0.015130	0.002335	0.133980	0.020719	0.012966	0.049713	0.078937	0.017133	0.014309	0.541965	0.945460	0.055904	0.031754	0.459751		0.080532	0.086008	0.786241	0.257762
17	10	30	0.386881	0.484990	0.181557	0.703452	0.527187	0.449947	0.826609	0.888006	0.476519	0.472077	0.019108	0.070438	0.900196	0.726795	0.014309	0.080532		0.974333	0.038539	0.459751
18	10	60	0.446835	0.425366	0.171642	0.726795	0.541965	0.390004	0.802325	0.912779	0.494800	0.412293	0.020719	0.075345	0.883888	0.677395	0.015556	0.086008	0.974333		0.041584	0.479456
19	10	120	0.217714	0.007133	0.000327	0.101036	0.010018	0.006041	0.015118	0.060711	0.008158	0.006717	0.711044	0.834742	0.033552	0.018597	0.624103	0.786241	0.038539	0.041584		0.179794
20	10	180	0.941787	0.157545	0.040954	0.711044	0.195439	0.141541	0.348595	0.527187	0.171642	0.151572	0.101036	0.230303	0.404584	0.285984	0.080532	0.257762	0.459751	0.479456	0.179794	

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	2.38333	1.551060	0.126789	-0.68482	5.45148

{1}-{3}	C*30	C*120	3.40833	1.551060	0.029735	0.34018	6.47648
{1}-{4}	C*30	C*180	0.65833	1.551060	0.671935	-2.40982	3.72648
{1}-{5}	C*30	0.1*30	2.19167	1.459021	0.135447	-0.69442	5.07775
{1}-{6}	C*30	0.1*60	2.47500	1.594618	0.123034	-0.67931	5.62931
{1}-{7}	C*30	0.1*120	1.61667	1.594618	0.312520	-1.53765	4.77098
{1}-{8}	C*30	0.1*180	1.04167	1.594618	0.514738	-2.11265	4.19598
{1}-{9}	C*30	1*30	2.30833	1.459021	0.116017	-0.57775	5.19442
{1}-{10}	C*30	1*60	2.41667	1.594618	0.132033	-0.73765	5.57098
{1}-{11}	C*30	1*120	-2.51667	1.594618	0.116907	-5.67098	0.63765
{1}-{12}	C*30	1*180	-1.64167	1.594618	0.305125	-4.79598	1.51265
{1}-{13}	C*30	5*30	1.45000	1.459021	0.322130	-1.43609	4.33609
{1}-{14}	C*30	5*60	1.82500	1.594618	0.254498	-1.32931	4.97931
{1}-{15}	C*30	5*120	-2.69167	1.594618	0.093778	-5.84598	0.46265
{1}-{16}	C*30	5*180	-1.54167	1.594618	0.335415	-4.69598	1.61265
{1}-{17}	C*30	10*30	1.26667	1.459021	0.386881	-1.61942	4.15275
{1}-{18}	C*30	10*60	1.21667	1.594618	0.446835	-1.93765	4.37098
{1}-{19}	C*30	10*120	-1.97500	1.594618	0.217714	-5.12931	1.17931
{1}-{20}	C*30	10*180	0.11667	1.594618	0.941787	-3.03765	3.27098
{2}-{3}	C*60	C*120	1.02500	1.551060	0.509868	-2.04315	4.09315
{2}-{4}	C*60	C*180	-1.72500	1.551060	0.268098	-4.79315	1.34315
{2}-{5}	C*60	0.1*30	-0.19167	1.594618	0.904511	-3.34598	2.96265
{2}-{6}	C*60	0.1*60	0.09167	1.459021	0.949999	-2.79442	2.97775
{2}-{7}	C*60	0.1*120	-0.76667	1.594618	0.631466	-3.92098	2.38765
{2}-{8}	C*60	0.1*180	-1.34167	1.594618	0.401661	-4.49598	1.81265
{2}-{9}	C*60	1*30	-0.07500	1.594618	0.962558	-3.22931	3.07931
{2}-{10}	C*60	1*60	0.03333	1.459021	0.981807	-2.85275	2.91942

{2}-{11}	C*60	1*120	-4.90000	1.594618	0.002576	-8.05431	-1.74569
{2}-{12}	C*60	1*180	-4.02500	1.594618	0.012784	-7.17931	-0.87069
{2}-{13}	C*60	5*30	-0.93333	1.594618	0.559344	-4.08765	2.22098
{2}-{14}	C*60	5*60	-0.55833	1.459021	0.702575	-3.44442	2.32775
{2}-{15}	C*60	5*120	-5.07500	1.594618	0.001820	-8.22931	-1.92069
{2}-{16}	C*60	5*180	-3.92500	1.594618	0.015130	-7.07931	-0.77069
{2}-{17}	C*60	10*30	-1.11667	1.594618	0.484990	-4.27098	2.03765
{2}-{18}	C*60	10*60	-1.16667	1.459021	0.425366	-4.05275	1.71942
{2}-{19}	C*60	10*120	-4.35833	1.594618	0.007133	-7.51265	-1.20402
{2}-{20}	C*60	10*180	-2.26667	1.594618	0.157545	-5.42098	0.88765
{3}-{4}	C*120	C*180	-2.75000	1.551060	0.078538	-5.81815	0.31815
{3}-{5}	C*120	0.1*30	-1.21667	1.594618	0.446835	-4.37098	1.93765
{3}-{6}	C*120	0.1*60	-0.93333	1.594618	0.559344	-4.08765	2.22098
{3}-{7}	C*120	0.1*120	-1.79167	1.459021	0.221635	-4.67775	1.09442
{3}-{8}	C*120	0.1*180	-2.36667	1.594618	0.140151	-5.52098	0.78765
{3}-{9}	C*120	1*30	-1.10000	1.594618	0.491518	-4.25431	2.05431
{3}-{10}	C*120	1*60	-0.99167	1.594618	0.535091	-4.14598	2.16265
{3}-{11}	C*120	1*120	-5.92500	1.459021	0.000083	-8.81109	-3.03891
{3}-{12}	C*120	1*180	-5.05000	1.594618	0.001914	-8.20431	-1.89569
{3}-{13}	C*120	5*30	-1.95833	1.594618	0.221599	-5.11265	1.19598
{3}-{14}	C*120	5*60	-1.58333	1.594618	0.322564	-4.73765	1.57098
{3}-{15}	C*120	5*120	-6.10000	1.459021	0.000053	-8.98609	-3.21391
{3}-{16}	C*120	5*180	-4.95000	1.594618	0.002335	-8.10431	-1.79569
{3}-{17}	C*120	10*30	-2.14167	1.594618	0.181557	-5.29598	1.01265
{3}-{18}	C*120	10*60	-2.19167	1.594618	0.171642	-5.34598	0.96265
{3}-{19}	C*120	10*120	-5.38333	1.459021	0.000327	-8.26942	-2.49725

{3}-{20}	C*120	10*180	-3.29167	1.594618	0.040954	-6.44598	-0.13735
{4}-{5}	C*180	0.1*30	1.53333	1.594618	0.338025	-1.62098	4.68765
{4}-{6}	C*180	0.1*60	1.81667	1.594618	0.256663	-1.33765	4.97098
{4}-{7}	C*180	0.1*120	0.95833	1.594618	0.548884	-2.19598	4.11265
{4}-{8}	C*180	0.1*180	0.38333	1.459021	0.793166	-2.50275	3.26942
{4}-{9}	C*180	1*30	1.65000	1.594618	0.302687	-1.50431	4.80431
{4}-{10}	C*180	1*60	1.75833	1.594618	0.272178	-1.39598	4.91265
{4}-{11}	C*180	1*120	-3.17500	1.594618	0.048538	-6.32931	-0.02069
{4}-{12}	C*180	1*180	-2.30000	1.459021	0.117327	-5.18609	0.58609
{4}-{13}	C*180	5*30	0.79167	1.594618	0.620395	-2.36265	3.94598
{4}-{14}	C*180	5*60	1.16667	1.594618	0.465693	-1.98765	4.32098
{4}-{15}	C*180	5*120	-3.35000	1.594618	0.037559	-6.50431	-0.19569
{4}-{16}	C*180	5*180	-2.20000	1.459021	0.133980	-5.08609	0.68609
{4}-{17}	C*180	10*30	0.60833	1.594618	0.703452	-2.54598	3.76265
{4}-{18}	C*180	10*60	0.55833	1.594618	0.726795	-2.59598	3.71265
{4}-{19}	C*180	10*120	-2.63333	1.594618	0.101036	-5.78765	0.52098
{4}-{20}	C*180	10*180	-0.54167	1.459021	0.711044	-3.42775	2.34442
{5}-{6}	0.1*30	0.1*60	0.28333	1.551060	0.855337	-2.78482	3.35148
{5}-{7}	0.1*30	0.1*120	-0.57500	1.551060	0.711445	-3.64315	2.49315
{5}-{8}	0.1*30	0.1*180	-1.15000	1.551060	0.459751	-4.21815	1.91815
{5}-{9}	0.1*30	1*30	0.11667	1.459021	0.936388	-2.76942	3.00275
{5}-{10}	0.1*30	1*60	0.22500	1.594618	0.888006	-2.92931	3.37931
{5}-{11}	0.1*30	1*120	-4.70833	1.594618	0.003731	-7.86265	-1.55402
{5}-{12}	0.1*30	1*180	-3.83333	1.594618	0.017609	-6.98765	-0.67902
{5}-{13}	0.1*30	5*30	-0.74167	1.459021	0.612069	-3.62775	2.14442
{5}-{14}	0.1*30	5*60	-0.36667	1.594618	0.818494	-3.52098	2.78765

{5}-{15}	0.1*30	5*120	-4.88333	1.594618	0.002662	-8.03765	-1.72902
{5}-{16}	0.1*30	5*180	-3.73333	1.594618	0.020719	-6.88765	-0.57902
{5}-{17}	0.1*30	10*30	-0.92500	1.459021	0.527187	-3.81109	1.96109
{5}-{18}	0.1*30	10*60	-0.97500	1.594618	0.541965	-4.12931	2.17931
{5}-{19}	0.1*30	10*120	-4.16667	1.594618	0.010018	-7.32098	-1.01235
{5}-{20}	0.1*30	10*180	-2.07500	1.594618	0.195439	-5.22931	1.07931
{6}-{7}	0.1*60	0.1*120	-0.85833	1.551060	0.580936	-3.92648	2.20982
{6}-{8}	0.1*60	0.1*180	-1.43333	1.551060	0.357121	-4.50148	1.63482
{6}-{9}	0.1*60	1*30	-0.16667	1.594618	0.916917	-3.32098	2.98765
{6}-{10}	0.1*60	1*60	-0.05833	1.459021	0.968169	-2.94442	2.82775
{6}-{11}	0.1*60	1*120	-4.99167	1.594618	0.002150	-8.14598	-1.83735
{6}-{12}	0.1*60	1*180	-4.11667	1.594618	0.010926	-7.27098	-0.96235
{6}-{13}	0.1*60	5*30	-1.02500	1.594618	0.521477	-4.17931	2.12931
{6}-{14}	0.1*60	5*60	-0.65000	1.459021	0.656685	-3.53609	2.23609
{6}-{15}	0.1*60	5*120	-5.16667	1.594618	0.001512	-8.32098	-2.01235
{6}-{16}	0.1*60	5*180	-4.01667	1.594618	0.012966	-7.17098	-0.86235
{6}-{17}	0.1*60	10*30	-1.20833	1.594618	0.449947	-4.36265	1.94598
{6}-{18}	0.1*60	10*60	-1.25833	1.459021	0.390004	-4.14442	1.62775
{6}-{19}	0.1*60	10*120	-4.45000	1.594618	0.006041	-7.60431	-1.29569
{6}-{20}	0.1*60	10*180	-2.35833	1.594618	0.141541	-5.51265	0.79598
{7}-{8}	0.1*120	0.1*180	-0.57500	1.551060	0.711445	-3.64315	2.49315
{7}-{9}	0.1*120	1*30	0.69167	1.594618	0.665178	-2.46265	3.84598
{7}-{10}	0.1*120	1*60	0.80000	1.594618	0.616723	-2.35431	3.95431
{7}-{11}	0.1*120	1*120	-4.13333	1.459021	0.005336	-7.01942	-1.24725
{7}-{12}	0.1*120	1*180	-3.25833	1.594618	0.043009	-6.41265	-0.10402
{7}-{13}	0.1*120	5*30	-0.16667	1.594618	0.916917	-3.32098	2.98765



{7}-{14}	0.1*120	5*60	0.20833	1.594618	0.896253	-2.94598	3.36265
{7}-{15}	0.1*120	5*120	-4.30833	1.459021	0.003728	-7.19442	-1.42225
{7}-{16}	0.1*120	5*180	-3.15833	1.594618	0.049713	-6.31265	-0.00402
{7}-{17}	0.1*120	10*30	-0.35000	1.594618	0.826609	-3.50431	2.80431
{7}-{18}	0.1*120	10*60	-0.40000	1.594618	0.802325	-3.55431	2.75431
{7}-{19}	0.1*120	10*120	-3.59167	1.459021	0.015118	-6.47775	-0.70558
{7}-{20}	0.1*120	10*180	-1.50000	1.594618	0.348595	-4.65431	1.65431
{8}-{9}	0.1*180	1*30	1.26667	1.594618	0.428424	-1.88765	4.42098
{8}-{10}	0.1*180	1*60	1.37500	1.594618	0.390100	-1.77931	4.52931
{8}-{11}	0.1*180	1*120	-3.55833	1.594618	0.027337	-6.71265	-0.40402
{8}-{12}	0.1*180	1*180	-2.68333	1.459021	0.068143	-5.56942	0.20275
{8}-{13}	0.1*180	5*30	0.40833	1.594618	0.798296	-2.74598	3.56265
{8}-{14}	0.1*180	5*60	0.78333	1.594618	0.624076	-2.37098	3.93765
{8}-{15}	0.1*180	5*120	-3.73333	1.594618	0.020719	-6.88765	-0.57902
{8}-{16}	0.1*180	5*180	-2.58333	1.459021	0.078937	-5.46942	0.30275
{8}-{17}	0.1*180	10*30	0.22500	1.594618	0.888006	-2.92931	3.37931
{8}-{18}	0.1*180	10*60	0.17500	1.594618	0.912779	-2.97931	3.32931
{8}-{19}	0.1*180	10*120	-3.01667	1.594618	0.060711	-6.17098	0.13765
{8}-{20}	0.1*180	10*180	-0.92500	1.459021	0.527187	-3.81109	1.96109
{9}-{10}	1*30	1*60	0.10833	1.551060	0.944423	-2.95982	3.17648
{9}-{11}	1*30	1*120	-4.82500	1.551060	0.002287	-7.89315	-1.75685
{9}-{12}	1*30	1*180	-3.95000	1.551060	0.012024	-7.01815	-0.88185
{9}-{13}	1*30	5*30	-0.85833	1.459021	0.557340	-3.74442	2.02775
{9}-{14}	1*30	5*60	-0.48333	1.594618	0.762289	-3.63765	2.67098
{9}-{15}	1*30	5*120	-5.00000	1.594618	0.002115	-8.15431	-1.84569
{9}-{16}	1*30	5*180	-3.85000	1.594618	0.017133	-7.00431	-0.69569

{9}-{17}	1*30	10*30	-1.04167	1.459021	0.476519	-3.92775	1.84442
{9}-{18}	1*30	10*60	-1.09167	1.594618	0.494800	-4.24598	2.06265
{9}-{19}	1*30	10*120	-4.28333	1.594618	0.008158	-7.43765	-1.12902
{9}-{20}	1*30	10*180	-2.19167	1.594618	0.171642	-5.34598	0.96265
{10}-{11}	1*60	1*120	-4.93333	1.551060	0.001832	-8.00148	-1.86518
{10}-{12}	1*60	1*180	-4.05833	1.551060	0.009920	-7.12648	-0.99018
{10}-{13}	1*60	5*30	-0.96667	1.594618	0.545419	-4.12098	2.18765
{10}-{14}	1*60	5*60	-0.59167	1.459021	0.685750	-3.47775	2.29442
{10}-{15}	1*60	5*120	-5.10833	1.594618	0.001702	-8.26265	-1.95402
{10}-{16}	1*60	5*180	-3.95833	1.594618	0.014309	-7.11265	-0.80402
{10}-{17}	1*60	10*30	-1.15000	1.594618	0.472077	-4.30431	2.00431
{10}-{18}	1*60	10*60	-1.20000	1.459021	0.412293	-4.08609	1.68609
{10}-{19}	1*60	10*120	-4.39167	1.594618	0.006717	-7.54598	-1.23735
{10}-{20}	1*60	10*180	-2.30000	1.594618	0.151572	-5.45431	0.85431
{11}-{12}	1*120	1*180	0.87500	1.551060	0.573623	-2.19315	3.94315
{11}-{13}	1*120	5*30	3.96667	1.594618	0.014109	0.81235	7.12098
{11}-{14}	1*120	5*60	4.34167	1.594618	0.007350	1.18735	7.49598
{11}-{15}	1*120	5*120	-0.17500	1.459021	0.904710	-3.06109	2.71109
{11}-{16}	1*120	5*180	0.97500	1.594618	0.541965	-2.17931	4.12931
{11}-{17}	1*120	10*30	3.78333	1.594618	0.019108	0.62902	6.93765
{11}-{18}	1*120	10*60	3.73333	1.594618	0.020719	0.57902	6.88765
{11}-{19}	1*120	10*120	0.54167	1.459021	0.711044	-2.34442	3.42775
{11}-{20}	1*120	10*180	2.63333	1.594618	0.101036	-0.52098	5.78765
{12}-{13}	1*180	5*30	3.09167	1.594618	0.054658	-0.06265	6.24598
{12}-{14}	1*180	5*60	3.46667	1.594618	0.031490	0.31235	6.62098
{12}-{15}	1*180	5*120	-1.05000	1.594618	0.511386	-4.20431	2.10431

{12}-{16}	1*180	5*180	0.10000	1.459021	0.945460	-2.78609	2.98609
{12}-{17}	1*180	10*30	2.90833	1.594618	0.070438	-0.24598	6.06265
{12}-{18}	1*180	10*60	2.85833	1.594618	0.075345	-0.29598	6.01265
{12}-{19}	1*180	10*120	-0.33333	1.594618	0.834742	-3.48765	2.82098
{12}-{20}	1*180	10*180	1.75833	1.459021	0.230303	-1.12775	4.64442
{13}-{14}	5*30	5*60	0.37500	1.551060	0.809333	-2.69315	3.44315
{13}-{15}	5*30	5*120	-4.14167	1.551060	0.008533	-7.20982	-1.07352
{13}-{16}	5*30	5*180	-2.99167	1.551060	0.055904	-6.05982	0.07648
{13}-{17}	5*30	10*30	-0.18333	1.459021	0.900196	-3.06942	2.70275
{13}-{18}	5*30	10*60	-0.23333	1.594618	0.883888	-3.38765	2.92098
{13}-{19}	5*30	10*120	-3.42500	1.594618	0.033552	-6.57931	-0.27069
{13}-{20}	5*30	10*180	-1.33333	1.594618	0.404584	-4.48765	1.82098
{14}-{15}	5*60	5*120	-4.51667	1.551060	0.004218	-7.58482	-1.44852
{14}-{16}	5*60	5*180	-3.36667	1.551060	0.031754	-6.43482	-0.29852
{14}-{17}	5*60	10*30	-0.55833	1.594618	0.726795	-3.71265	2.59598
{14}-{18}	5*60	10*60	-0.60833	1.459021	0.677395	-3.49442	2.27775
{14}-{19}	5*60	10*120	-3.80000	1.594618	0.018597	-6.95431	-0.64569
{14}-{20}	5*60	10*180	-1.70833	1.594618	0.285984	-4.86265	1.44598
{15}-{16}	5*120	5*180	1.15000	1.551060	0.459751	-1.91815	4.21815
{15}-{17}	5*120	10*30	3.95833	1.594618	0.014309	0.80402	7.11265
{15}-{18}	5*120	10*60	3.90833	1.594618	0.015556	0.75402	7.06265
{15}-{19}	5*120	10*120	0.71667	1.459021	0.624103	-2.16942	3.60275
{15}-{20}	5*120	10*180	2.80833	1.594618	0.080532	-0.34598	5.96265
{16}-{17}	5*180	10*30	2.80833	1.594618	0.080532	-0.34598	5.96265
{16}-{18}	5*180	10*60	2.75833	1.594618	0.086008	-0.39598	5.91265
{16}-{19}	5*180	10*120	-0.43333	1.594618	0.786241	-3.58765	2.72098

{16}-{20}	5*180	10*180	1.65833	1.459021	0.257762	-1.22775	4.54442
{17}-{18}	10*30	10*60	-0.05000	1.551060	0.974333	-3.11815	3.01815
{17}-{19}	10*30	10*120	-3.24167	1.551060	0.038539	-6.30982	-0.17352
{17}-{20}	10*30	10*180	-1.15000	1.551060	0.459751	-4.21815	1.91815
{18}-{19}	10*60	10*120	-3.19167	1.551060	0.041584	-6.25982	-0.12352
{18}-{20}	10*60	10*180	-1.10000	1.551060	0.479456	-4.16815	1.96815
{19}-{20}	10*120	10*180	2.09167	1.551060	0.179794	-0.97648	5.15982

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 42.092	{2} - 35.400	{3} - 31.708	{4} - 43.500	{5} - 41.383	{6} - 38.800	{7} - 36.000	{8} - 38.208	{9} - 36.767	{10} - 41.533	{11} - 42.067	{12} - 42.533	{13} - 41.358	{14} - 38.158	{15} - 50.875	{16} - 45.717	{17} - 38.525	{18} - 39.142	{19} - 52.925	{20} - 41.792
1	C	30		0.220818	0.058453	0.796112	0.885380	0.574872	0.299967	0.508257	0.279552	0.924161	0.996599	0.939974	0.881364	0.502821	0.135902	0.536832	0.468357	0.615154	0.066466	0.959206
2	C	60	0.220818		0.498537	0.138851	0.308610	0.489357	0.918521	0.632216	0.815768	0.213290	0.256843	0.225195	0.310628	0.574774	0.009200	0.080331	0.594364	0.446861	0.003292	0.276893
3	C	120	0.058453	0.498537		0.031971	0.100768	0.227901	0.383117	0.268869	0.389114	0.095649	0.036562	0.066673	0.101642	0.272552	0.000148	0.018122	0.246347	0.206398	0.000030	0.087329
4	C	180	0.796112	0.138851	0.031971		0.718249	0.423497	0.202382	0.282560	0.252140	0.737442	0.806957	0.844047	0.715067	0.363182	0.209960	0.652021	0.396953	0.457897	0.109787	0.728143
5	0.1	30	0.885380	0.308610	0.100768	0.718249		0.635633	0.324152	0.560429	0.348243	0.979596	0.907253	0.844564	0.995940	0.582632	0.107321	0.460475	0.561006	0.702390	0.050750	0.944496
6	0.1	60	0.574872	0.489357	0.227901	0.423497	0.635633		0.607592	0.913550	0.728890	0.578242	0.577777	0.524750	0.662811	0.896103	0.041104	0.239521	0.962603	0.944564	0.017201	0.610175
7	0.1	120	0.299967	0.918521	0.383117	0.202382	0.324152	0.607592		0.685419	0.896003	0.346276	0.218278	0.266433	0.361692	0.712949	0.002915	0.099324	0.666935	0.592402	0.000750	0.324304
8	0.1	180	0.508257	0.632216	0.268869	0.282560	0.560429	0.913550	0.685419		0.805857	0.571011	0.510987	0.379443	0.591421	0.993198	0.032284	0.128168	0.956942	0.873571	0.013141	0.466285
9	1	30	0.279552	0.815768	0.389114	0.252140	0.348243	0.728890	0.896003	0.805857		0.382463	0.331671	0.291022	0.350851	0.812461	0.017330	0.128692	0.720519	0.685618	0.006599	0.392238
10	1	60	0.924161	0.213290	0.095649	0.737442	0.979596	0.578242	0.346276	0.571011	0.382463		0.922044	0.854423	0.976197	0.492551	0.112933	0.476114	0.608188	0.626593	0.053786	0.964868
11	1	120	0.996599	0.256843	0.036562	0.806957	0.907253	0.577777	0.218278	0.510987	0.331671	0.922044		0.931763	0.903876	0.505535	0.074774	0.534031	0.546221	0.618150	0.028542	0.962603
12	1	180	0.939974	0.225195	0.066673	0.844047	0.844564	0.524750	0.266433	0.379443	0.291022	0.854423	0.931763		0.841230	0.456183	0.156534	0.517406	0.494726	0.563326	0.078182	0.880026
13	5	30	0.881364	0.310628	0.101642	0.715067	0.995940	0.662811	0.361692	0.591421	0.350851	0.976197	0.903876	0.841230		0.557350	0.082525	0.424441	0.564433	0.705552	0.050258	0.941104

14	5	60	0.502821	0.574774	0.272552	0.363182	0.582632	0.896103	0.712949	0.993198	0.812461	0.492551	0.505535	0.456183	0.557350		0.020901	0.167019	0.950152	0.841394	0.012841	0.535898
15	5	120	0.135902	0.009200	0.000148	0.209960	0.107321	0.041104	0.002915	0.032284	0.017330	0.112933	0.074774	0.156534	0.082525	0.020901		0.344712	0.036776	0.047083	0.676625	0.123144
16	5	180	0.536832	0.080331	0.018122	0.652021	0.460475	0.239521	0.099324	0.128168	0.128692	0.476114	0.534031	0.517406	0.424441	0.167019	0.344712		0.221447	0.263410	0.220384	0.424963
17	10	30	0.468357	0.594364	0.246347	0.396953	0.561006	0.962603	0.666935	0.956942	0.720519	0.608188	0.546221	0.494726	0.564433	0.950152	0.036776	0.221447		0.909912	0.009103	0.549179
18	10	60	0.615154	0.446861	0.206398	0.457897	0.702390	0.944564	0.592402	0.873571	0.685618	0.626593	0.618150	0.563326	0.705552	0.841394	0.047083	0.263410	0.909912		0.012449	0.626946
19	10	120	0.066466	0.003292	0.000030	0.109787	0.050750	0.017201	0.000750	0.013141	0.006599	0.053786	0.028542	0.078182	0.050258	0.012841	0.676625	0.220384	0.009103	0.012449		0.042670
20	10	180	0.959206	0.276893	0.087329	0.728143	0.944496	0.610175	0.324304	0.466285	0.392238	0.964868	0.962603	0.880026	0.941104	0.535898	0.123144	0.424963	0.549179	0.626946	0.042670	

**LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	6.6917	5.439587	0.220818	-4.0684	17.4517
{1}-{3}	C*30	C*120	10.3833	5.439587	0.058453	-0.3767	21.1434
{1}-{4}	C*30	C*180	-1.4083	5.439587	0.796112	-12.1684	9.3517
{1}-{5}	C*30	0.1*30	0.7083	4.904280	0.885380	-8.9928	10.4095
{1}-{6}	C*30	0.1*60	3.2917	5.854042	0.574872	-8.2882	14.8715
{1}-{7}	C*30	0.1*120	6.0917	5.854042	0.299967	-5.4882	17.6715
{1}-{8}	C*30	0.1*180	3.8833	5.854042	0.508257	-7.6965	15.4632
{1}-{9}	C*30	1*30	5.3250	4.904280	0.279552	-4.3762	15.0262
{1}-{10}	C*30	1*60	0.5583	5.854042	0.924161	-11.0215	12.1382
{1}-{11}	C*30	1*120	0.0250	5.854042	0.996599	-11.5549	11.6049
{1}-{12}	C*30	1*180	-0.4417	5.854042	0.939974	-12.0215	11.1382
{1}-{13}	C*30	5*30	0.7333	4.904280	0.881364	-8.9678	10.4345

{1}-{14}	C*30	5*60	3.9333	5.854042	0.502821	-7.6465	15.5132
{1}-{15}	C*30	5*120	-8.7833	5.854042	0.135902	-20.3632	2.7965
{1}-{16}	C*30	5*180	-3.6250	5.854042	0.536832	-15.2049	7.9549
{1}-{17}	C*30	10*30	3.5667	4.904280	0.468357	-6.1345	13.2678
{1}-{18}	C*30	10*60	2.9500	5.854042	0.615154	-8.6299	14.5299
{1}-{19}	C*30	10*120	-10.8333	5.854042	0.066466	-22.4132	0.7465
{1}-{20}	C*30	10*180	0.3000	5.854042	0.959206	-11.2799	11.8799
{2}-{3}	C*60	C*120	3.6917	5.439587	0.498537	-7.0684	14.4517
{2}-{4}	C*60	C*180	-8.1000	5.439587	0.138851	-18.8600	2.6600
{2}-{5}	C*60	0.1*30	-5.9833	5.854042	0.308610	-17.5632	5.5965
{2}-{6}	C*60	0.1*60	-3.4000	4.904280	0.489357	-13.1012	6.3012
{2}-{7}	C*60	0.1*120	-0.6000	5.854042	0.918521	-12.1799	10.9799
{2}-{8}	C*60	0.1*180	-2.8083	5.854042	0.632216	-14.3882	8.7715
{2}-{9}	C*60	1*30	-1.3667	5.854042	0.815768	-12.9465	10.2132
{2}-{10}	C*60	1*60	-6.1333	4.904280	0.213290	-15.8345	3.5678
{2}-{11}	C*60	1*120	-6.6667	5.854042	0.256843	-18.2465	4.9132
{2}-{12}	C*60	1*180	-7.1333	5.854042	0.225195	-18.7132	4.4465
{2}-{13}	C*60	5*30	-5.9583	5.854042	0.310628	-17.5382	5.6215
{2}-{14}	C*60	5*60	-2.7583	4.904280	0.574774	-12.4595	6.9428
{2}-{15}	C*60	5*120	-15.4750	5.854042	0.009200	-27.0549	-3.8951
{2}-{16}	C*60	5*180	-10.3167	5.854042	0.080331	-21.8965	1.2632
{2}-{17}	C*60	10*30	-3.1250	5.854042	0.594364	-14.7049	8.4549
{2}-{18}	C*60	10*60	-3.7417	4.904280	0.446861	-13.4428	5.9595
{2}-{19}	C*60	10*120	-17.5250	5.854042	0.003292	-29.1049	-5.9451
{2}-{20}	C*60	10*180	-6.3917	5.854042	0.276893	-17.9715	5.1882
{3}-{4}	C*120	C*180	-11.7917	5.439587	0.031971	-22.5517	-1.0316

{3}-{5}	C*120	0.1*30	-9.6750	5.854042	0.100768	-21.2549	1.9049
{3}-{6}	C*120	0.1*60	-7.0917	5.854042	0.227901	-18.6715	4.4882
{3}-{7}	C*120	0.1*120	-4.2917	4.904280	0.383117	-13.9928	5.4095
{3}-{8}	C*120	0.1*180	-6.5000	5.854042	0.268869	-18.0799	5.0799
{3}-{9}	C*120	1*30	-5.0583	5.854042	0.389114	-16.6382	6.5215
{3}-{10}	C*120	1*60	-9.8250	5.854042	0.095649	-21.4049	1.7549
{3}-{11}	C*120	1*120	-10.3583	4.904280	0.036562	-20.0595	-0.6572
{3}-{12}	C*120	1*180	-10.8250	5.854042	0.066673	-22.4049	0.7549
{3}-{13}	C*120	5*30	-9.6500	5.854042	0.101642	-21.2299	1.9299
{3}-{14}	C*120	5*60	-6.4500	5.854042	0.272552	-18.0299	5.1299
{3}-{15}	C*120	5*120	-19.1667	4.904280	0.000148	-28.8678	-9.4655
{3}-{16}	C*120	5*180	-14.0083	5.854042	0.018122	-25.5882	-2.4285
{3}-{17}	C*120	10*30	-6.8167	5.854042	0.246347	-18.3965	4.7632
{3}-{18}	C*120	10*60	-7.4333	5.854042	0.206398	-19.0132	4.1465
{3}-{19}	C*120	10*120	-21.2167	4.904280	0.000030	-30.9178	-11.5155
{3}-{20}	C*120	10*180	-10.0833	5.854042	0.087329	-21.6632	1.4965
{4}-{5}	C*180	0.1*30	2.1167	5.854042	0.718249	-9.4632	13.6965
{4}-{6}	C*180	0.1*60	4.7000	5.854042	0.423497	-6.8799	16.2799
{4}-{7}	C*180	0.1*120	7.5000	5.854042	0.202382	-4.0799	19.0799
{4}-{8}	C*180	0.1*180	5.2917	4.904280	0.282560	-4.4095	14.9928
{4}-{9}	C*180	1*30	6.7333	5.854042	0.252140	-4.8465	18.3132
{4}-{10}	C*180	1*60	1.9667	5.854042	0.737442	-9.6132	13.5465
{4}-{11}	C*180	1*120	1.4333	5.854042	0.806957	-10.1465	13.0132
{4}-{12}	C*180	1*180	0.9667	4.904280	0.844047	-8.7345	10.6678
{4}-{13}	C*180	5*30	2.1417	5.854042	0.715067	-9.4382	13.7215
{4}-{14}	C*180	5*60	5.3417	5.854042	0.363182	-6.2382	16.9215

{4}-{15}	C*180	5*120	-7.3750	5.854042	0.209960	-18.9549	4.2049
{4}-{16}	C*180	5*180	-2.2167	4.904280	0.652021	-11.9178	7.4845
{4}-{17}	C*180	10*30	4.9750	5.854042	0.396953	-6.6049	16.5549
{4}-{18}	C*180	10*60	4.3583	5.854042	0.457897	-7.2215	15.9382
{4}-{19}	C*180	10*120	-9.4250	5.854042	0.109787	-21.0049	2.1549
{4}-{20}	C*180	10*180	1.7083	4.904280	0.728143	-7.9928	11.4095
{5}-{6}	0.1*30	0.1*60	2.5833	5.439587	0.635633	-8.1767	13.3434
{5}-{7}	0.1*30	0.1*120	5.3833	5.439587	0.324152	-5.3767	16.1434
{5}-{8}	0.1*30	0.1*180	3.1750	5.439587	0.560429	-7.5850	13.9350
{5}-{9}	0.1*30	1*30	4.6167	4.904280	0.348243	-5.0845	14.3178
{5}-{10}	0.1*30	1*60	-0.1500	5.854042	0.979596	-11.7299	11.4299
{5}-{11}	0.1*30	1*120	-0.6833	5.854042	0.907253	-12.2632	10.8965
{5}-{12}	0.1*30	1*180	-1.1500	5.854042	0.844564	-12.7299	10.4299
{5}-{13}	0.1*30	5*30	0.0250	4.904280	0.995940	-9.6762	9.7262
{5}-{14}	0.1*30	5*60	3.2250	5.854042	0.582632	-8.3549	14.8049
{5}-{15}	0.1*30	5*120	-9.4917	5.854042	0.107321	-21.0715	2.0882
{5}-{16}	0.1*30	5*180	-4.3333	5.854042	0.460475	-15.9132	7.2465
{5}-{17}	0.1*30	10*30	2.8583	4.904280	0.561006	-6.8428	12.5595
{5}-{18}	0.1*30	10*60	2.2417	5.854042	0.702390	-9.3382	13.8215
{5}-{19}	0.1*30	10*120	-11.5417	5.854042	0.050750	-23.1215	0.0382
{5}-{20}	0.1*30	10*180	-0.4083	5.854042	0.944496	-11.9882	11.1715
{6}-{7}	0.1*60	0.1*120	2.8000	5.439587	0.607592	-7.9600	13.5600
{6}-{8}	0.1*60	0.1*180	0.5917	5.439587	0.913550	-10.1684	11.3517
{6}-{9}	0.1*60	1*30	2.0333	5.854042	0.728890	-9.5465	13.6132
{6}-{10}	0.1*60	1*60	-2.7333	4.904280	0.578242	-12.4345	6.9678
{6}-{11}	0.1*60	1*120	-3.2667	5.854042	0.577777	-14.8465	8.3132



{6}-{12}	0.1*60	1*180	-3.7333	5.854042	0.524750	-15.3132	7.8465
{6}-{13}	0.1*60	5*30	-2.5583	5.854042	0.662811	-14.1382	9.0215
{6}-{14}	0.1*60	5*60	0.6417	4.904280	0.896103	-9.0595	10.3428
{6}-{15}	0.1*60	5*120	-12.0750	5.854042	0.041104	-23.6549	-0.4951
{6}-{16}	0.1*60	5*180	-6.9167	5.854042	0.239521	-18.4965	4.6632
{6}-{17}	0.1*60	10*30	0.2750	5.854042	0.962603	-11.3049	11.8549
{6}-{18}	0.1*60	10*60	-0.3417	4.904280	0.944564	-10.0428	9.3595
{6}-{19}	0.1*60	10*120	-14.1250	5.854042	0.017201	-25.7049	-2.5451
{6}-{20}	0.1*60	10*180	-2.9917	5.854042	0.610175	-14.5715	8.5882
{7}-{8}	0.1*120	0.1*180	-2.2083	5.439587	0.685419	-12.9684	8.5517
{7}-{9}	0.1*120	1*30	-0.7667	5.854042	0.896003	-12.3465	10.8132
{7}-{10}	0.1*120	1*60	-5.5333	5.854042	0.346276	-17.1132	6.0465
{7}-{11}	0.1*120	1*120	-6.0667	4.904280	0.218278	-15.7678	3.6345
{7}-{12}	0.1*120	1*180	-6.5333	5.854042	0.266433	-18.1132	5.0465
{7}-{13}	0.1*120	5*30	-5.3583	5.854042	0.361692	-16.9382	6.2215
{7}-{14}	0.1*120	5*60	-2.1583	5.854042	0.712949	-13.7382	9.4215
{7}-{15}	0.1*120	5*120	-14.8750	4.904280	0.002915	-24.5762	-5.1738
{7}-{16}	0.1*120	5*180	-9.7167	5.854042	0.099324	-21.2965	1.8632
{7}-{17}	0.1*120	10*30	-2.5250	5.854042	0.666935	-14.1049	9.0549
{7}-{18}	0.1*120	10*60	-3.1417	5.854042	0.592402	-14.7215	8.4382
{7}-{19}	0.1*120	10*120	-16.9250	4.904280	0.000750	-26.6262	-7.2238
{7}-{20}	0.1*120	10*180	-5.7917	5.854042	0.324304	-17.3715	5.7882
{8}-{9}	0.1*180	1*30	1.4417	5.854042	0.805857	-10.1382	13.0215
{8}-{10}	0.1*180	1*60	-3.3250	5.854042	0.571011	-14.9049	8.2549
{8}-{11}	0.1*180	1*120	-3.8583	5.854042	0.510987	-15.4382	7.7215
{8}-{12}	0.1*180	1*180	-4.3250	4.904280	0.379443	-14.0262	5.3762

{8}-{13}	0.1*180	5*30	-3.1500	5.854042	0.591421	-14.7299	8.4299
{8}-{14}	0.1*180	5*60	0.0500	5.854042	0.993198	-11.5299	11.6299
{8}-{15}	0.1*180	5*120	-12.6667	5.854042	0.032284	-24.2465	-1.0868
{8}-{16}	0.1*180	5*180	-7.5083	4.904280	0.128168	-17.2095	2.1928
{8}-{17}	0.1*180	10*30	-0.3167	5.854042	0.956942	-11.8965	11.2632
{8}-{18}	0.1*180	10*60	-0.9333	5.854042	0.873571	-12.5132	10.6465
{8}-{19}	0.1*180	10*120	-14.7167	5.854042	0.013141	-26.2965	-3.1368
{8}-{20}	0.1*180	10*180	-3.5833	4.904280	0.466285	-13.2845	6.1178
{9}-{10}	1*30	1*60	-4.7667	5.439587	0.382463	-15.5267	5.9934
{9}-{11}	1*30	1*120	-5.3000	5.439587	0.331671	-16.0600	5.4600
{9}-{12}	1*30	1*180	-5.7667	5.439587	0.291022	-16.5267	4.9934
{9}-{13}	1*30	5*30	-4.5917	4.904280	0.350851	-14.2928	5.1095
{9}-{14}	1*30	5*60	-1.3917	5.854042	0.812461	-12.9715	10.1882
{9}-{15}	1*30	5*120	-14.1083	5.854042	0.017330	-25.6882	-2.5285
{9}-{16}	1*30	5*180	-8.9500	5.854042	0.128692	-20.5299	2.6299
{9}-{17}	1*30	10*30	-1.7583	4.904280	0.720519	-11.4595	7.9428
{9}-{18}	1*30	10*60	-2.3750	5.854042	0.685618	-13.9549	9.2049
{9}-{19}	1*30	10*120	-16.1583	5.854042	0.006599	-27.7382	-4.5785
{9}-{20}	1*30	10*180	-5.0250	5.854042	0.392238	-16.6049	6.5549
{10}-{11}	1*60	1*120	-0.5333	5.439587	0.922044	-11.2934	10.2267
{10}-{12}	1*60	1*180	-1.0000	5.439587	0.854423	-11.7600	9.7600
{10}-{13}	1*60	5*30	0.1750	5.854042	0.976197	-11.4049	11.7549
{10}-{14}	1*60	5*60	3.3750	4.904280	0.492551	-6.3262	13.0762
{10}-{15}	1*60	5*120	-9.3417	5.854042	0.112933	-20.9215	2.2382
{10}-{16}	1*60	5*180	-4.1833	5.854042	0.476114	-15.7632	7.3965
{10}-{17}	1*60	10*30	3.0083	5.854042	0.608188	-8.5715	14.5882

{10}-{18}	1*60	10*60	2.3917	4.904280	0.626593	-7.3095	12.0928
{10}-{19}	1*60	10*120	-11.3917	5.854042	0.053786	-22.9715	0.1882
{10}-{20}	1*60	10*180	-0.2583	5.854042	0.964868	-11.8382	11.3215
{11}-{12}	1*120	1*180	-0.4667	5.439587	0.931763	-11.2267	10.2934
{11}-{13}	1*120	5*30	0.7083	5.854042	0.903876	-10.8715	12.2882
{11}-{14}	1*120	5*60	3.9083	5.854042	0.505535	-7.6715	15.4882
{11}-{15}	1*120	5*120	-8.8083	4.904280	0.074774	-18.5095	0.8928
{11}-{16}	1*120	5*180	-3.6500	5.854042	0.534031	-15.2299	7.9299
{11}-{17}	1*120	10*30	3.5417	5.854042	0.546221	-8.0382	15.1215
{11}-{18}	1*120	10*60	2.9250	5.854042	0.618150	-8.6549	14.5049
{11}-{19}	1*120	10*120	-10.8583	4.904280	0.028542	-20.5595	-1.1572
{11}-{20}	1*120	10*180	0.2750	5.854042	0.962603	-11.3049	11.8549
{12}-{13}	1*180	5*30	1.1750	5.854042	0.841230	-10.4049	12.7549
{12}-{14}	1*180	5*60	4.3750	5.854042	0.456183	-7.2049	15.9549
{12}-{15}	1*180	5*120	-8.3417	5.854042	0.156534	-19.9215	3.2382
{12}-{16}	1*180	5*180	-3.1833	4.904280	0.517406	-12.8845	6.5178
{12}-{17}	1*180	10*30	4.0083	5.854042	0.494726	-7.5715	15.5882
{12}-{18}	1*180	10*60	3.3917	5.854042	0.563326	-8.1882	14.9715
{12}-{19}	1*180	10*120	-10.3917	5.854042	0.078182	-21.9715	1.1882
{12}-{20}	1*180	10*180	0.7417	4.904280	0.880026	-8.9595	10.4428
{13}-{14}	5*30	5*60	3.2000	5.439587	0.557350	-7.5600	13.9600
{13}-{15}	5*30	5*120	-9.5167	5.439587	0.082525	-20.2767	1.2434
{13}-{16}	5*30	5*180	-4.3583	5.439587	0.424441	-15.1184	6.4017
{13}-{17}	5*30	10*30	2.8333	4.904280	0.564433	-6.8678	12.5345
{13}-{18}	5*30	10*60	2.2167	5.854042	0.705552	-9.3632	13.7965
{13}-{19}	5*30	10*120	-11.5667	5.854042	0.050258	-23.1465	0.0132

{13}-{20}	5*30	10*180	-0.4333	5.854042	0.941104	-12.0132	11.1465
{14}-{15}	5*60	5*120	-12.7167	5.439587	0.020901	-23.4767	-1.9566
{14}-{16}	5*60	5*180	-7.5583	5.439587	0.167019	-18.3184	3.2017
{14}-{17}	5*60	10*30	-0.3667	5.854042	0.950152	-11.9465	11.2132
{14}-{18}	5*60	10*60	-0.9833	4.904280	0.841394	-10.6845	8.7178
{14}-{19}	5*60	10*120	-14.7667	5.854042	0.012841	-26.3465	-3.1868
{14}-{20}	5*60	10*180	-3.6333	5.854042	0.535898	-15.2132	7.9465
{15}-{16}	5*120	5*180	5.1583	5.439587	0.344712	-5.6017	15.9184
{15}-{17}	5*120	10*30	12.3500	5.854042	0.036776	0.7701	23.9299
{15}-{18}	5*120	10*60	11.7333	5.854042	0.047083	0.1535	23.3132
{15}-{19}	5*120	10*120	-2.0500	4.904280	0.676625	-11.7512	7.6512
{15}-{20}	5*120	10*180	9.0833	5.854042	0.123144	-2.4965	20.6632
{16}-{17}	5*180	10*30	7.1917	5.854042	0.221447	-4.3882	18.7715
{16}-{18}	5*180	10*60	6.5750	5.854042	0.263410	-5.0049	18.1549
{16}-{19}	5*180	10*120	-7.2083	5.854042	0.220384	-18.7882	4.3715
{16}-{20}	5*180	10*180	3.9250	4.904280	0.424963	-5.7762	13.6262
{17}-{18}	10*30	10*60	-0.6167	5.439587	0.909912	-11.3767	10.1434
{17}-{19}	10*30	10*120	-14.4000	5.439587	0.009103	-25.1600	-3.6400
{17}-{20}	10*30	10*180	-3.2667	5.439587	0.549179	-14.0267	7.4934
{18}-{19}	10*60	10*120	-13.7833	5.439587	0.012449	-24.5434	-3.0233
{18}-{20}	10*60	10*180	-2.6500	5.439587	0.626946	-13.4100	8.1100
{19}-{20}	10*120	10*180	11.1333	5.439587	0.042670	0.3733	21.8934

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 11.025	{2} - 11.717	{3} - 10.583	{4} - 8.7667	{5} - 12.900	{6} - 14.383	{7} - 11.683	{8} - 6.9417	{9} - 6.3250	{10} - 15.133	{11} - 9.1917	{12} - 5.3667	{13} - 5.4083	{14} - 9.0000	{15} - 4.8417	{16} - 4.9250	{17} - 3.8167	{18} - 4.3917	{19} - 4.6917	{20} - 4.2667
1	C	30		0.795225	0.868363	0.397362	0.380411	0.243423	0.818688	0.156615	0.029108	0.154112	0.523513	0.050450	0.009385	0.481113	0.032790	0.035173	0.000943	0.022193	0.028851	0.019844
2	C	60	0.795225		0.670716	0.269379	0.680378	0.212900	0.990738	0.098088	0.062156	0.111167	0.379938	0.028440	0.029478	0.204496	0.017853	0.019256	0.006674	0.000784	0.015554	0.010405
3	C	120	0.868363	0.670716		0.495778	0.420385	0.187193	0.606496	0.206118	0.139738	0.114796	0.514750	0.071013	0.073269	0.581595	0.007954	0.050450	0.019696	0.032559	0.006500	0.029267
4	C	180	0.397362	0.269379	0.495778		0.151641	0.052145	0.310722	0.393208	0.395818	0.028034	0.882347	0.112904	0.243423	0.935240	0.173193	0.073637	0.086500	0.129297	0.157456	0.036552
5	0.1	30	0.380411	0.680378	0.420385	0.151641		0.577985	0.648100	0.026747	0.002471	0.437255	0.197985	0.009597	0.000600	0.175928	0.005683	0.006186	0.000038	0.003555	0.004870	0.003110
6	0.1	60	0.243423	0.212900	0.187193	0.052145	0.577985		0.311886	0.005913	0.005683	0.725373	0.072360	0.002047	0.002143	0.012690	0.001130	0.001243	0.000331	0.000007	0.000949	0.000573
7	0.1	120	0.818688	0.990738	0.606496	0.310722	0.648100	0.311886		0.076917	0.063768	0.230862	0.244294	0.029267	0.030331	0.350877	0.001660	0.019844	0.006901	0.012110	0.001320	0.010745
8	0.1	180	0.156615	0.098088	0.206118	0.393208	0.026747	0.005913	0.076917		0.829980	0.004955	0.433850	0.461053	0.593567	0.473937	0.465051	0.345581	0.277566	0.375253	0.433850	0.211482
9	1	30	0.029108	0.062156	0.139738	0.395818	0.002471	0.005683	0.063768	0.829980		0.001196	0.283077	0.719184	0.667704	0.352370	0.605652	0.626038	0.241170	0.501152	0.569738	0.473937
10	1	60	0.154112	0.111167	0.114796	0.028034	0.437255	0.725373	0.230862	0.004955	0.001196		0.027167	0.000348	0.000913	0.004658	0.000464	0.000513	0.000127	0.000001	0.000386	0.000227
11	1	120	0.523513	0.379938	0.514750	0.882347	0.197985	0.072360	0.244294	0.433850	0.283077	0.027167		0.152759	0.189122	0.946785	0.043163	0.138971	0.062958	0.096360	0.036552	0.088084
12	1	180	0.050450	0.028440	0.071013	0.112904	0.009597	0.002047	0.029267	0.461053	0.719184	0.000348	0.152759		0.988423	0.207152	0.854945	0.836088	0.589564	0.734266	0.814182	0.606496
13	5	30	0.009385	0.029478	0.073269	0.243423	0.000600	0.002143	0.030331	0.593567	0.667704	0.000913	0.189122	0.988423		0.179193	0.831610	0.856076	0.456334	0.723372	0.802943	0.691035
14	5	60	0.481113	0.204496	0.581595	0.935240	0.175928	0.012690	0.350877	0.473937	0.352370	0.004658	0.946785	0.207152	0.179193		0.120335	0.127881	0.072813	0.032338	0.135186	0.101025
15	5	120	0.032790	0.017853	0.007954	0.173193	0.005683	0.001130	0.001660	0.465051	0.605652	0.000464	0.043163	0.854945	0.831610	0.120335		0.975052	0.721200	0.875482	0.943976	0.841308
16	5	180	0.035173	0.019256	0.050450	0.073637	0.006186	0.001243	0.019844	0.345581	0.626038	0.000513	0.138971	0.836088	0.856076	0.127881	0.975052		0.699606	0.852669	0.935240	0.757802
17	10	30	0.000943	0.006674	0.019696	0.086500	0.000038	0.000331	0.006901	0.277566	0.241170	0.000127	0.062958	0.589564	0.456334	0.072813	0.721200	0.699606		0.829172	0.742686	0.865903
18	10	60	0.022193	0.000784	0.032559	0.129297	0.003555	0.000007	0.012110	0.375253	0.501152	0.000001	0.096360	0.734266	0.723372	0.032338	0.875482	0.852669	0.829172		0.910364	0.962586
19	10	120	0.028851	0.015554	0.006500	0.157456	0.004870	0.000949	0.001320	0.433850	0.569738	0.000386	0.036552	0.814182	0.802943	0.135186	0.943976	0.935240	0.742686	0.910364		0.873288
20	10	180	0.019844	0.010405	0.029267	0.036552	0.003110	0.000573	0.010745	0.211482	0.473937	0.000227	0.088084	0.606496	0.691035	0.101025	0.841308	0.757802	0.865903	0.962586	0.873288	

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-0.69167	2.659675	0.795225	-5.9528	4.56943
{1}-{3}	C*30	C*120	0.44167	2.659675	0.868363	-4.8194	5.70277
{1}-{4}	C*30	C*180	2.25833	2.659675	0.397362	-3.0028	7.51943
{1}-{5}	C*30	0.1*30	-1.87500	2.130469	0.380411	-6.0893	2.33928
{1}-{6}	C*30	0.1*60	-3.35833	2.866178	0.243423	-9.0279	2.31125
{1}-{7}	C*30	0.1*120	-0.65833	2.866178	0.818688	-6.3279	5.01125
{1}-{8}	C*30	0.1*180	4.08333	2.866178	0.156615	-1.5862	9.75292
{1}-{9}	C*30	1*30	4.70000	2.130469	0.029108	0.4857	8.91428
{1}-{10}	C*30	1*60	-4.10833	2.866178	0.154112	-9.7779	1.56125
{1}-{11}	C*30	1*120	1.83333	2.866178	0.523513	-3.8362	7.50292
{1}-{12}	C*30	1*180	5.65833	2.866178	0.050450	-0.0112	11.32792
{1}-{13}	C*30	5*30	5.61667	2.130469	0.009385	1.4024	9.83094
{1}-{14}	C*30	5*60	2.02500	2.866178	0.481113	-3.6446	7.69458
{1}-{15}	C*30	5*120	6.18333	2.866178	0.032790	0.5138	11.85292
{1}-{16}	C*30	5*180	6.10000	2.866178	0.035173	0.4304	11.76958
{1}-{17}	C*30	10*30	7.20833	2.130469	0.000943	2.9941	11.42261
{1}-{18}	C*30	10*60	6.63333	2.866178	0.022193	0.9638	12.30292
{1}-{19}	C*30	10*120	6.33333	2.866178	0.028851	0.6638	12.00292
{1}-{20}	C*30	10*180	6.75833	2.866178	0.019844	1.0888	12.42792
{2}-{3}	C*60	C*120	1.13333	2.659675	0.670716	-4.1278	6.39443
{2}-{4}	C*60	C*180	2.95000	2.659675	0.269379	-2.3111	8.21110
{2}-{5}	C*60	0.1*30	-1.18333	2.866178	0.680378	-6.8529	4.48625
{2}-{6}	C*60	0.1*60	-2.66667	2.130469	0.212900	-6.8809	1.54761

{2}-{7}	C*60	0.1*120	0.03333	2.866178	0.990738	-5.6362	5.70292
{2}-{8}	C*60	0.1*180	4.77500	2.866178	0.098088	-0.8946	10.44458
{2}-{9}	C*60	1*30	5.39167	2.866178	0.062156	-0.2779	11.06125
{2}-{10}	C*60	1*60	-3.41667	2.130469	0.111167	-7.6309	0.79761
{2}-{11}	C*60	1*120	2.52500	2.866178	0.379938	-3.1446	8.19458
{2}-{12}	C*60	1*180	6.35000	2.866178	0.028440	0.6804	12.01958
{2}-{13}	C*60	5*30	6.30833	2.866178	0.029478	0.6388	11.97792
{2}-{14}	C*60	5*60	2.71667	2.130469	0.204496	-1.4976	6.93094
{2}-{15}	C*60	5*120	6.87500	2.866178	0.017853	1.2054	12.54458
{2}-{16}	C*60	5*180	6.79167	2.866178	0.019256	1.1221	12.46125
{2}-{17}	C*60	10*30	7.90000	2.866178	0.006674	2.2304	13.56958
{2}-{18}	C*60	10*60	7.32500	2.130469	0.000784	3.1107	11.53928
{2}-{19}	C*60	10*120	7.02500	2.866178	0.015554	1.3554	12.69458
{2}-{20}	C*60	10*180	7.45000	2.866178	0.010405	1.7804	13.11958
{3}-{4}	C*120	C*180	1.81667	2.659675	0.495778	-3.4444	7.07777
{3}-{5}	C*120	0.1*30	-2.31667	2.866178	0.420385	-7.9862	3.35292
{3}-{6}	C*120	0.1*60	-3.80000	2.866178	0.187193	-9.4696	1.86958
{3}-{7}	C*120	0.1*120	-1.10000	2.130469	0.606496	-5.3143	3.11428
{3}-{8}	C*120	0.1*180	3.64167	2.866178	0.206118	-2.0279	9.31125
{3}-{9}	C*120	1*30	4.25833	2.866178	0.139738	-1.4112	9.92792
{3}-{10}	C*120	1*60	-4.55000	2.866178	0.114796	-10.2196	1.11958
{3}-{11}	C*120	1*120	1.39167	2.130469	0.514750	-2.8226	5.60594
{3}-{12}	C*120	1*180	5.21667	2.866178	0.071013	-0.4529	10.88625
{3}-{13}	C*120	5*30	5.17500	2.866178	0.073269	-0.4946	10.84458
{3}-{14}	C*120	5*60	1.58333	2.866178	0.581595	-4.0862	7.25292
{3}-{15}	C*120	5*120	5.74167	2.130469	0.007954	1.5274	9.95594

{3}-{16}	C*120	5*180	5.65833	2.866178	0.050450	-0.0112	11.32792
{3}-{17}	C*120	10*30	6.76667	2.866178	0.019696	1.0971	12.43625
{3}-{18}	C*120	10*60	6.19167	2.866178	0.032559	0.5221	11.86125
{3}-{19}	C*120	10*120	5.89167	2.130469	0.006500	1.6774	10.10594
{3}-{20}	C*120	10*180	6.31667	2.866178	0.029267	0.6471	11.98625
{4}-{5}	C*180	0.1*30	-4.13333	2.866178	0.151641	-9.8029	1.53625
{4}-{6}	C*180	0.1*60	-5.61667	2.866178	0.052145	-11.2862	0.05292
{4}-{7}	C*180	0.1*120	-2.91667	2.866178	0.310722	-8.5862	2.75292
{4}-{8}	C*180	0.1*180	1.82500	2.130469	0.393208	-2.3893	6.03928
{4}-{9}	C*180	1*30	2.44167	2.866178	0.395818	-3.2279	8.11125
{4}-{10}	C*180	1*60	-6.36667	2.866178	0.028034	-12.0362	-0.69708
{4}-{11}	C*180	1*120	-0.42500	2.866178	0.882347	-6.0946	5.24458
{4}-{12}	C*180	1*180	3.40000	2.130469	0.112904	-0.8143	7.61428
{4}-{13}	C*180	5*30	3.35833	2.866178	0.243423	-2.3112	9.02792
{4}-{14}	C*180	5*60	-0.23333	2.866178	0.935240	-5.9029	5.43625
{4}-{15}	C*180	5*120	3.92500	2.866178	0.173193	-1.7446	9.59458
{4}-{16}	C*180	5*180	3.84167	2.130469	0.073637	-0.3726	8.05594
{4}-{17}	C*180	10*30	4.95000	2.866178	0.086500	-0.7196	10.61958
{4}-{18}	C*180	10*60	4.37500	2.866178	0.129297	-1.2946	10.04458
{4}-{19}	C*180	10*120	4.07500	2.866178	0.157456	-1.5946	9.74458
{4}-{20}	C*180	10*180	4.50000	2.130469	0.036552	0.2857	8.71428
{5}-{6}	0.1*30	0.1*60	-1.48333	2.659675	0.577985	-6.7444	3.77777
{5}-{7}	0.1*30	0.1*120	1.21667	2.659675	0.648100	-4.0444	6.47777
{5}-{8}	0.1*30	0.1*180	5.95833	2.659675	0.026747	0.6972	11.21943
{5}-{9}	0.1*30	1*30	6.57500	2.130469	0.002471	2.3607	10.78928
{5}-{10}	0.1*30	1*60	-2.23333	2.866178	0.437255	-7.9029	3.43625



{5}-{11}	0.1*30	1*120	3.70833	2.866178	0.197985	-1.9612	9.37792
{5}-{12}	0.1*30	1*180	7.53333	2.866178	0.009597	1.8638	13.20292
{5}-{13}	0.1*30	5*30	7.49167	2.130469	0.000600	3.2774	11.70594
{5}-{14}	0.1*30	5*60	3.90000	2.866178	0.175928	-1.7696	9.56958
{5}-{15}	0.1*30	5*120	8.05833	2.866178	0.005683	2.3888	13.72792
{5}-{16}	0.1*30	5*180	7.97500	2.866178	0.006186	2.3054	13.64458
{5}-{17}	0.1*30	10*30	9.08333	2.130469	0.000038	4.8691	13.29761
{5}-{18}	0.1*30	10*60	8.50833	2.866178	0.003555	2.8388	14.17792
{5}-{19}	0.1*30	10*120	8.20833	2.866178	0.004870	2.5388	13.87792
{5}-{20}	0.1*30	10*180	8.63333	2.866178	0.003110	2.9638	14.30292
{6}-{7}	0.1*60	0.1*120	2.70000	2.659675	0.311886	-2.5611	7.96110
{6}-{8}	0.1*60	0.1*180	7.44167	2.659675	0.005913	2.1806	12.70277
{6}-{9}	0.1*60	1*30	8.05833	2.866178	0.005683	2.3888	13.72792
{6}-{10}	0.1*60	1*60	-0.75000	2.130469	0.725373	-4.9643	3.46428
{6}-{11}	0.1*60	1*120	5.19167	2.866178	0.072360	-0.4779	10.86125
{6}-{12}	0.1*60	1*180	9.01667	2.866178	0.002047	3.3471	14.68625
{6}-{13}	0.1*60	5*30	8.97500	2.866178	0.002143	3.3054	14.64458
{6}-{14}	0.1*60	5*60	5.38333	2.130469	0.012690	1.1691	9.59761
{6}-{15}	0.1*60	5*120	9.54167	2.866178	0.001130	3.8721	15.21125
{6}-{16}	0.1*60	5*180	9.45833	2.866178	0.001243	3.7888	15.12792
{6}-{17}	0.1*60	10*30	10.56667	2.866178	0.000331	4.8971	16.23625
{6}-{18}	0.1*60	10*60	9.99167	2.130469	0.000007	5.7774	14.20594
{6}-{19}	0.1*60	10*120	9.69167	2.866178	0.000949	4.0221	15.36125
{6}-{20}	0.1*60	10*180	10.11667	2.866178	0.000573	4.4471	15.78625
{7}-{8}	0.1*120	0.1*180	4.74167	2.659675	0.076917	-0.5194	10.00277
{7}-{9}	0.1*120	1*30	5.35833	2.866178	0.063768	-0.3112	11.02792

{7}-{10}	0.1*120	1*60	-3.45000	2.866178	0.230862	-9.1196	2.21958
{7}-{11}	0.1*120	1*120	2.49167	2.130469	0.244294	-1.7226	6.70594
{7}-{12}	0.1*120	1*180	6.31667	2.866178	0.029267	0.6471	11.98625
{7}-{13}	0.1*120	5*30	6.27500	2.866178	0.030331	0.6054	11.94458
{7}-{14}	0.1*120	5*60	2.68333	2.866178	0.350877	-2.9862	8.35292
{7}-{15}	0.1*120	5*120	6.84167	2.130469	0.001660	2.6274	11.05594
{7}-{16}	0.1*120	5*180	6.75833	2.866178	0.019844	1.0888	12.42792
{7}-{17}	0.1*120	10*30	7.86667	2.866178	0.006901	2.1971	13.53625
{7}-{18}	0.1*120	10*60	7.29167	2.866178	0.012110	1.6221	12.96125
{7}-{19}	0.1*120	10*120	6.99167	2.130469	0.001320	2.7774	11.20594
{7}-{20}	0.1*120	10*180	7.41667	2.866178	0.010745	1.7471	13.08625
{8}-{9}	0.1*180	1*30	0.61667	2.866178	0.829980	-5.0529	6.28625
{8}-{10}	0.1*180	1*60	-8.19167	2.866178	0.004955	-13.8612	-2.52208
{8}-{11}	0.1*180	1*120	-2.25000	2.866178	0.433850	-7.9196	3.41958
{8}-{12}	0.1*180	1*180	1.57500	2.130469	0.461053	-2.6393	5.78928
{8}-{13}	0.1*180	5*30	1.53333	2.866178	0.593567	-4.1362	7.20292
{8}-{14}	0.1*180	5*60	-2.05833	2.866178	0.473937	-7.7279	3.61125
{8}-{15}	0.1*180	5*120	2.10000	2.866178	0.465051	-3.5696	7.76958
{8}-{16}	0.1*180	5*180	2.01667	2.130469	0.345581	-2.1976	6.23094
{8}-{17}	0.1*180	10*30	3.12500	2.866178	0.277566	-2.5446	8.79458
{8}-{18}	0.1*180	10*60	2.55000	2.866178	0.375253	-3.1196	8.21958
{8}-{19}	0.1*180	10*120	2.25000	2.866178	0.433850	-3.4196	7.91958
{8}-{20}	0.1*180	10*180	2.67500	2.130469	0.211482	-1.5393	6.88928
{9}-{10}	1*30	1*60	-8.80833	2.659675	0.001196	-14.0694	-3.54723
{9}-{11}	1*30	1*120	-2.86667	2.659675	0.283077	-8.1278	2.39443
{9}-{12}	1*30	1*180	0.95833	2.659675	0.719184	-4.3028	6.21943

{9}-{13}	1*30	5*30	0.91667	2.130469	0.667704	-3.2976	5.13094
{9}-{14}	1*30	5*60	-2.67500	2.866178	0.352370	-8.3446	2.99458
{9}-{15}	1*30	5*120	1.48333	2.866178	0.605652	-4.1862	7.15292
{9}-{16}	1*30	5*180	1.40000	2.866178	0.626038	-4.2696	7.06958
{9}-{17}	1*30	10*30	2.50833	2.130469	0.241170	-1.7059	6.72261
{9}-{18}	1*30	10*60	1.93333	2.866178	0.501152	-3.7362	7.60292
{9}-{19}	1*30	10*120	1.63333	2.866178	0.569738	-4.0362	7.30292
{9}-{20}	1*30	10*180	2.05833	2.866178	0.473937	-3.6112	7.72792
{10}-{11}	1*60	1*120	5.94167	2.659675	0.027167	0.6806	11.20277
{10}-{12}	1*60	1*180	9.76667	2.659675	0.000348	4.5056	15.02777
{10}-{13}	1*60	5*30	9.72500	2.866178	0.000913	4.0554	15.39458
{10}-{14}	1*60	5*60	6.13333	2.130469	0.004658	1.9191	10.34761
{10}-{15}	1*60	5*120	10.29167	2.866178	0.000464	4.6221	15.96125
{10}-{16}	1*60	5*180	10.20833	2.866178	0.000513	4.5388	15.87792
{10}-{17}	1*60	10*30	11.31667	2.866178	0.000127	5.6471	16.98625
{10}-{18}	1*60	10*60	10.74167	2.130469	0.000001	6.5274	14.95594
{10}-{19}	1*60	10*120	10.44167	2.866178	0.000386	4.7721	16.11125
{10}-{20}	1*60	10*180	10.86667	2.866178	0.000227	5.1971	16.53625
{11}-{12}	1*120	1*180	3.82500	2.659675	0.152759	-1.4361	9.08610
{11}-{13}	1*120	5*30	3.78333	2.866178	0.189122	-1.8862	9.45292
{11}-{14}	1*120	5*60	0.19167	2.866178	0.946785	-5.4779	5.86125
{11}-{15}	1*120	5*120	4.35000	2.130469	0.043163	0.1357	8.56428
{11}-{16}	1*120	5*180	4.26667	2.866178	0.138971	-1.4029	9.93625
{11}-{17}	1*120	10*30	5.37500	2.866178	0.062958	-0.2946	11.04458
{11}-{18}	1*120	10*60	4.80000	2.866178	0.096360	-0.8696	10.46958
{11}-{19}	1*120	10*120	4.50000	2.130469	0.036552	0.2857	8.71428

{11}-{20}	1*120	10*180	4.92500	2.866178	0.088084	-0.7446	10.59458
{12}-{13}	1*180	5*30	-0.04167	2.866178	0.988423	-5.7112	5.62792
{12}-{14}	1*180	5*60	-3.63333	2.866178	0.207152	-9.3029	2.03625
{12}-{15}	1*180	5*120	0.52500	2.866178	0.854945	-5.1446	6.19458
{12}-{16}	1*180	5*180	0.44167	2.130469	0.836088	-3.7726	4.65594
{12}-{17}	1*180	10*30	1.55000	2.866178	0.589564	-4.1196	7.21958
{12}-{18}	1*180	10*60	0.97500	2.866178	0.734266	-4.6946	6.64458
{12}-{19}	1*180	10*120	0.67500	2.866178	0.814182	-4.9946	6.34458
{12}-{20}	1*180	10*180	1.10000	2.130469	0.606496	-3.1143	5.31428
{13}-{14}	5*30	5*60	-3.59167	2.659675	0.179193	-8.8528	1.66943
{13}-{15}	5*30	5*120	0.56667	2.659675	0.831610	-4.6944	5.82777
{13}-{16}	5*30	5*180	0.48333	2.659675	0.856076	-4.7778	5.74443
{13}-{17}	5*30	10*30	1.59167	2.130469	0.456334	-2.6226	5.80594
{13}-{18}	5*30	10*60	1.01667	2.866178	0.723372	-4.6529	6.68625
{13}-{19}	5*30	10*120	0.71667	2.866178	0.802943	-4.9529	6.38625
{13}-{20}	5*30	10*180	1.14167	2.866178	0.691035	-4.5279	6.81125
{14}-{15}	5*60	5*120	4.15833	2.659675	0.120335	-1.1028	9.41943
{14}-{16}	5*60	5*180	4.07500	2.659675	0.127881	-1.1861	9.33610
{14}-{17}	5*60	10*30	5.18333	2.866178	0.072813	-0.4862	10.85292
{14}-{18}	5*60	10*60	4.60833	2.130469	0.032338	0.3941	8.82261
{14}-{19}	5*60	10*120	4.30833	2.866178	0.135186	-1.3612	9.97792
{14}-{20}	5*60	10*180	4.73333	2.866178	0.101025	-0.9362	10.40292
{15}-{16}	5*120	5*180	-0.08333	2.659675	0.975052	-5.3444	5.17777
{15}-{17}	5*120	10*30	1.02500	2.866178	0.721200	-4.6446	6.69458
{15}-{18}	5*120	10*60	0.45000	2.866178	0.875482	-5.2196	6.11958
{15}-{19}	5*120	10*120	0.15000	2.130469	0.943976	-4.0643	4.36428

{15}-{20}	5*120	10*180	0.57500	2.866178	0.841308	-5.0946	6.24458
{16}-{17}	5*180	10*30	1.10833	2.866178	0.699606	-4.5612	6.77792
{16}-{18}	5*180	10*60	0.53333	2.866178	0.852669	-5.1362	6.20292
{16}-{19}	5*180	10*120	0.23333	2.866178	0.935240	-5.4362	5.90292
{16}-{20}	5*180	10*180	0.65833	2.130469	0.757802	-3.5559	4.87261
{17}-{18}	10*30	10*60	-0.57500	2.659675	0.829172	-5.8361	4.68610
{17}-{19}	10*30	10*120	-0.87500	2.659675	0.742686	-6.1361	4.38610
{17}-{20}	10*30	10*180	-0.45000	2.659675	0.865903	-5.7111	4.81110
{18}-{19}	10*60	10*120	-0.30000	2.659675	0.910364	-5.5611	4.96110
{18}-{20}	10*60	10*180	0.12500	2.659675	0.962586	-5.1361	5.38610
{19}-{20}	10*120	10*180	0.42500	2.659675	0.873288	-4.8361	5.68610

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 23.783	{2} - 33.283	{3} - 37.050	{4} - 25.092	{5} - 26.350	{6} - 28.392	{7} - 28.608	{8} - 26.867	{9} - 32.933	{10} - 25.950	{11} - 19.975	{12} - 24.517	{13} - 31.333	{14} - 32.125	{15} - 18.725	{16} - 25.983	{17} - 32.917	{18} - 33.583	{19} - 15.958	{20} - 22.800
1	C	30		0.062893	0.009836	0.796553	0.597048	0.386528	0.364661	0.562029	0.061061	0.683582	0.474035	0.890249	0.121431	0.118193	0.342005	0.678986	0.061528	0.066899	0.142527	0.853209
2	C	60	0.062893		0.458360	0.108167	0.193437	0.314357	0.379715	0.228543	0.947489	0.132392	0.013317	0.100752	0.713735	0.811354	0.006901	0.171068	0.944993	0.950704	0.001389	0.050191
3	C	120	0.009836	0.458360		0.019679	0.045695	0.104988	0.083674	0.057032	0.439069	0.038292	0.000582	0.019592	0.283105	0.354837	0.000234	0.038867	0.437223	0.514525	0.000027	0.008148
4	C	180	0.796553	0.108167	0.019679		0.812843	0.534917	0.508488	0.714594	0.141686	0.871694	0.336486	0.905679	0.241416	0.187131	0.232169	0.854217	0.142527	0.111782	0.087428	0.636884
5	0.1	30	0.597048	0.193437	0.045695	0.812843		0.687505	0.656392	0.918898	0.176387	0.940001	0.231562	0.730165	0.305410	0.278243	0.152930	0.944993	0.177476	0.174983	0.052204	0.504485
6	0.1	60	0.386528	0.314357	0.104988	0.534917	0.687505		0.965941	0.763802	0.393416	0.615014	0.114952	0.466346	0.580112	0.442196	0.070649	0.650543	0.395150	0.285716	0.020568	0.293718
7	0.1	120	0.364661	0.379715	0.083674	0.508488	0.656392	0.965941		0.731473	0.416316	0.617082	0.076966	0.441847	0.608289	0.508488	0.043286	0.621499	0.418110	0.349990	0.010049	0.275491
8	0.1	180	0.562029	0.228543	0.057032	0.714594	0.918898	0.763802	0.731473		0.254798	0.863058	0.196110	0.628339	0.401254	0.323326	0.127190	0.855565	0.256099	0.207638	0.041700	0.402631
9	1	30	0.061061	0.947489	0.439069	0.141686	0.176387	0.393416	0.416316	0.254798		0.170268	0.011637	0.098910	0.741661	0.879108	0.008331	0.192375	0.997260	0.902654	0.001720	0.058246

10	1	60	0.683582	0.132392	0.038292	0.871694	0.940001	0.615014	0.617082	0.863058	0.170268		0.240213	0.777610	0.312000	0.204571	0.175477	0.994995	0.191318	0.117411	0.061801	0.553615
11	1	120	0.474035	0.013317	0.000582	0.336486	0.231562	0.114952	0.076966	0.196110	0.011637	0.240213		0.371481	0.034080	0.023569	0.796744	0.259372	0.016019	0.011417	0.408425	0.595208
12	1	180	0.890249	0.100752	0.019592	0.905679	0.730165	0.466346	0.441847	0.628339	0.098910	0.777610	0.371481		0.200991	0.153823	0.276864	0.762504	0.115666	0.089738	0.109023	0.723578
13	5	30	0.121431	0.713735	0.283105	0.241416	0.305410	0.580112	0.608289	0.401254	0.741661	0.312000	0.034080	0.200991		0.876023	0.014034	0.292731	0.744256	0.672116	0.004390	0.110051
14	5	60	0.118193	0.811354	0.354837	0.187131	0.278243	0.442196	0.508488	0.323326	0.879108	0.204571	0.023569	0.153823	0.876023		0.009139	0.227418	0.881582	0.763813	0.002784	0.081058
15	5	120	0.342005	0.006901	0.000234	0.232169	0.152930	0.070649	0.043286	0.127190	0.008331	0.175477	0.796744	0.276864	0.014034	0.009139		0.154174	0.008405	0.005857	0.568817	0.443705
16	5	180	0.678986	0.171068	0.038867	0.854217	0.944993	0.650543	0.621499	0.855565	0.192375	0.994995	0.259372	0.762504	0.292731	0.227418	0.154174		0.193437	0.154271	0.060949	0.512161
17	10	30	0.061528	0.944993	0.437223	0.142527	0.177476	0.395150	0.418110	0.256099	0.997260	0.191318	0.016019	0.115666	0.744256	0.881582	0.008405	0.193437		0.895474	0.001059	0.047821
18	10	60	0.066899	0.950704	0.514525	0.111782	0.174983	0.285716	0.349990	0.207638	0.902654	0.117411	0.011417	0.089738	0.672116	0.763813	0.005857	0.154271	0.895474		0.000680	0.035096
19	10	120	0.142527	0.001389	0.000027	0.087428	0.052204	0.020568	0.010049	0.041700	0.001720	0.061801	0.408425	0.109023	0.004390	0.002784	0.568817	0.060949	0.001059	0.000680		0.179040
20	10	180	0.853209	0.050191	0.008148	0.636884	0.504485	0.293718	0.275491	0.402631	0.058246	0.553615	0.595208	0.723578	0.110051	0.081058	0.443705	0.512161	0.047821	0.035096	0.179040	

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-9.5000	5.064541	0.062893	-19.5182	0.51816
{1}-{3}	C*30	C*120	-13.2667	5.064541	0.009836	-23.2848	-3.24850
{1}-{4}	C*30	C*180	-1.3083	5.064541	0.796553	-11.3265	8.70983
{1}-{5}	C*30	0.1*30	-2.5667	4.843374	0.597048	-12.1473	7.01401
{1}-{6}	C*30	0.1*60	-4.6083	5.304192	0.386528	-15.1005	5.88388
{1}-{7}	C*30	0.1*120	-4.8250	5.304192	0.364661	-15.3172	5.66722
{1}-{8}	C*30	0.1*180	-3.0833	5.304192	0.562029	-13.5755	7.40888
{1}-{9}	C*30	1*30	-9.1500	4.843374	0.061061	-18.7307	0.43067

{1}-{10}	C*30	1*60	-2.1667	5.304192	0.683582	-12.6589	8.32555
{1}-{11}	C*30	1*120	3.8083	5.304192	0.474035	-6.6839	14.30055
{1}-{12}	C*30	1*180	-0.7333	5.304192	0.890249	-11.2255	9.75888
{1}-{13}	C*30	5*30	-7.5500	4.843374	0.121431	-17.1307	2.03067
{1}-{14}	C*30	5*60	-8.3417	5.304192	0.118193	-18.8339	2.15055
{1}-{15}	C*30	5*120	5.0583	5.304192	0.342005	-5.4339	15.55055
{1}-{16}	C*30	5*180	-2.2000	5.304192	0.678986	-12.6922	8.29222
{1}-{17}	C*30	10*30	-9.1333	4.843374	0.061528	-18.7140	0.44734
{1}-{18}	C*30	10*60	-9.8000	5.304192	0.066899	-20.2922	0.69222
{1}-{19}	C*30	10*120	7.8250	5.304192	0.142527	-2.6672	18.31722
{1}-{20}	C*30	10*180	0.9833	5.304192	0.853209	-9.5089	11.47555
{2}-{3}	C*60	C*120	-3.7667	5.064541	0.458360	-13.7848	6.25150
{2}-{4}	C*60	C*180	8.1917	5.064541	0.108167	-1.8265	18.20983
{2}-{5}	C*60	0.1*30	6.9333	5.304192	0.193437	-3.5589	17.42555
{2}-{6}	C*60	0.1*60	4.8917	4.843374	0.314357	-4.6890	14.47234
{2}-{7}	C*60	0.1*120	4.6750	5.304192	0.379715	-5.8172	15.16722
{2}-{8}	C*60	0.1*180	6.4167	5.304192	0.228543	-4.0755	16.90888
{2}-{9}	C*60	1*30	0.3500	5.304192	0.947489	-10.1422	10.84222
{2}-{10}	C*60	1*60	7.3333	4.843374	0.132392	-2.2473	16.91401
{2}-{11}	C*60	1*120	13.3083	5.304192	0.013317	2.8161	23.80055
{2}-{12}	C*60	1*180	8.7667	5.304192	0.100752	-1.7255	19.25888
{2}-{13}	C*60	5*30	1.9500	5.304192	0.713735	-8.5422	12.44222
{2}-{14}	C*60	5*60	1.1583	4.843374	0.811354	-8.4223	10.73901
{2}-{15}	C*60	5*120	14.5583	5.304192	0.006901	4.0661	25.05055
{2}-{16}	C*60	5*180	7.3000	5.304192	0.171068	-3.1922	17.79222
{2}-{17}	C*60	10*30	0.3667	5.304192	0.944993	-10.1255	10.85888

{2}-{18}	C*60	10*60	-0.3000	4.843374	0.950704	-9.8807	9.28067
{2}-{19}	C*60	10*120	17.3250	5.304192	0.001389	6.8328	27.81722
{2}-{20}	C*60	10*180	10.4833	5.304192	0.050191	-0.0089	20.97555
{3}-{4}	C*120	C*180	11.9583	5.064541	0.019679	1.9402	21.97650
{3}-{5}	C*120	0.1*30	10.7000	5.304192	0.045695	0.2078	21.19222
{3}-{6}	C*120	0.1*60	8.6583	5.304192	0.104988	-1.8339	19.15055
{3}-{7}	C*120	0.1*120	8.4417	4.843374	0.083674	-1.1390	18.02234
{3}-{8}	C*120	0.1*180	10.1833	5.304192	0.057032	-0.3089	20.67555
{3}-{9}	C*120	1*30	4.1167	5.304192	0.439069	-6.3755	14.60888
{3}-{10}	C*120	1*60	11.1000	5.304192	0.038292	0.6078	21.59222
{3}-{11}	C*120	1*120	17.0750	4.843374	0.000582	7.4943	26.65567
{3}-{12}	C*120	1*180	12.5333	5.304192	0.019592	2.0411	23.02555
{3}-{13}	C*120	5*30	5.7167	5.304192	0.283105	-4.7755	16.20888
{3}-{14}	C*120	5*60	4.9250	5.304192	0.354837	-5.5672	15.41722
{3}-{15}	C*120	5*120	18.3250	4.843374	0.000234	8.7443	27.90567
{3}-{16}	C*120	5*180	11.0667	5.304192	0.038867	0.5745	21.55888
{3}-{17}	C*120	10*30	4.1333	5.304192	0.437223	-6.3589	14.62555
{3}-{18}	C*120	10*60	3.4667	5.304192	0.514525	-7.0255	13.95888
{3}-{19}	C*120	10*120	21.0917	4.843374	0.000027	11.5110	30.67234
{3}-{20}	C*120	10*180	14.2500	5.304192	0.008148	3.7578	24.74222
{4}-{5}	C*180	0.1*30	-1.2583	5.304192	0.812843	-11.7505	9.23388
{4}-{6}	C*180	0.1*60	-3.3000	5.304192	0.534917	-13.7922	7.19222
{4}-{7}	C*180	0.1*120	-3.5167	5.304192	0.508488	-14.0089	6.97555
{4}-{8}	C*180	0.1*180	-1.7750	4.843374	0.714594	-11.3557	7.80567
{4}-{9}	C*180	1*30	-7.8417	5.304192	0.141686	-18.3339	2.65055
{4}-{10}	C*180	1*60	-0.8583	5.304192	0.871694	-11.3505	9.63388



{4}-{11}	C*180	1*120	5.1167	5.304192	0.336486	-5.3755	15.60888
{4}-{12}	C*180	1*180	0.5750	4.843374	0.905679	-9.0057	10.15567
{4}-{13}	C*180	5*30	-6.2417	5.304192	0.241416	-16.7339	4.25055
{4}-{14}	C*180	5*60	-7.0333	5.304192	0.187131	-17.5255	3.45888
{4}-{15}	C*180	5*120	6.3667	5.304192	0.232169	-4.1255	16.85888
{4}-{16}	C*180	5*180	-0.8917	4.843374	0.854217	-10.4723	8.68901
{4}-{17}	C*180	10*30	-7.8250	5.304192	0.142527	-18.3172	2.66722
{4}-{18}	C*180	10*60	-8.4917	5.304192	0.111782	-18.9839	2.00055
{4}-{19}	C*180	10*120	9.1333	5.304192	0.087428	-1.3589	19.62555
{4}-{20}	C*180	10*180	2.2917	4.843374	0.636884	-7.2890	11.87234
{5}-{6}	0.1*30	0.1*60	-2.0417	5.064541	0.687505	-12.0598	7.97650
{5}-{7}	0.1*30	0.1*120	-2.2583	5.064541	0.656392	-12.2765	7.75983
{5}-{8}	0.1*30	0.1*180	-0.5167	5.064541	0.918898	-10.5348	9.50150
{5}-{9}	0.1*30	1*30	-6.5833	4.843374	0.176387	-16.1640	2.99734
{5}-{10}	0.1*30	1*60	0.4000	5.304192	0.940001	-10.0922	10.89222
{5}-{11}	0.1*30	1*120	6.3750	5.304192	0.231562	-4.1172	16.86722
{5}-{12}	0.1*30	1*180	1.8333	5.304192	0.730165	-8.6589	12.32555
{5}-{13}	0.1*30	5*30	-4.9833	4.843374	0.305410	-14.5640	4.59734
{5}-{14}	0.1*30	5*60	-5.7750	5.304192	0.278243	-16.2672	4.71722
{5}-{15}	0.1*30	5*120	7.6250	5.304192	0.152930	-2.8672	18.11722
{5}-{16}	0.1*30	5*180	0.3667	5.304192	0.944993	-10.1255	10.85888
{5}-{17}	0.1*30	10*30	-6.5667	4.843374	0.177476	-16.1473	3.01401
{5}-{18}	0.1*30	10*60	-7.2333	5.304192	0.174983	-17.7255	3.25888
{5}-{19}	0.1*30	10*120	10.3917	5.304192	0.052204	-0.1005	20.88388
{5}-{20}	0.1*30	10*180	3.5500	5.304192	0.504485	-6.9422	14.04222
{6}-{7}	0.1*60	0.1*120	-0.2167	5.064541	0.965941	-10.2348	9.80150

{6}-{8}	0.1*60	0.1*180	1.5250	5.064541	0.763802	-8.4932	11.54316
{6}-{9}	0.1*60	1*30	-4.5417	5.304192	0.393416	-15.0339	5.95055
{6}-{10}	0.1*60	1*60	2.4417	4.843374	0.615014	-7.1390	12.02234
{6}-{11}	0.1*60	1*120	8.4167	5.304192	0.114952	-2.0755	18.90888
{6}-{12}	0.1*60	1*180	3.8750	5.304192	0.466346	-6.6172	14.36722
{6}-{13}	0.1*60	5*30	-2.9417	5.304192	0.580112	-13.4339	7.55055
{6}-{14}	0.1*60	5*60	-3.7333	4.843374	0.442196	-13.3140	5.84734
{6}-{15}	0.1*60	5*120	9.6667	5.304192	0.070649	-0.8255	20.15888
{6}-{16}	0.1*60	5*180	2.4083	5.304192	0.650543	-8.0839	12.90055
{6}-{17}	0.1*60	10*30	-4.5250	5.304192	0.395150	-15.0172	5.96722
{6}-{18}	0.1*60	10*60	-5.1917	4.843374	0.285716	-14.7723	4.38901
{6}-{19}	0.1*60	10*120	12.4333	5.304192	0.020568	1.9411	22.92555
{6}-{20}	0.1*60	10*180	5.5917	5.304192	0.293718	-4.9005	16.08388
{7}-{8}	0.1*120	0.1*180	1.7417	5.064541	0.731473	-8.2765	11.75983
{7}-{9}	0.1*120	1*30	-4.3250	5.304192	0.416316	-14.8172	6.16722
{7}-{10}	0.1*120	1*60	2.6583	5.304192	0.617082	-7.8339	13.15055
{7}-{11}	0.1*120	1*120	8.6333	4.843374	0.076966	-0.9473	18.21401
{7}-{12}	0.1*120	1*180	4.0917	5.304192	0.441847	-6.4005	14.58388
{7}-{13}	0.1*120	5*30	-2.7250	5.304192	0.608289	-13.2172	7.76722
{7}-{14}	0.1*120	5*60	-3.5167	5.304192	0.508488	-14.0089	6.97555
{7}-{15}	0.1*120	5*120	9.8833	4.843374	0.043286	0.3027	19.46401
{7}-{16}	0.1*120	5*180	2.6250	5.304192	0.621499	-7.8672	13.11722
{7}-{17}	0.1*120	10*30	-4.3083	5.304192	0.418110	-14.8005	6.18388
{7}-{18}	0.1*120	10*60	-4.9750	5.304192	0.349990	-15.4672	5.51722
{7}-{19}	0.1*120	10*120	12.6500	4.843374	0.010049	3.0693	22.23067
{7}-{20}	0.1*120	10*180	5.8083	5.304192	0.275491	-4.6839	16.30055

{8}-{9}	0.1*180	1*30	-6.0667	5.304192	0.254798	-16.5589	4.42555
{8}-{10}	0.1*180	1*60	0.9167	5.304192	0.863058	-9.5755	11.40888
{8}-{11}	0.1*180	1*120	6.8917	5.304192	0.196110	-3.6005	17.38388
{8}-{12}	0.1*180	1*180	2.3500	4.843374	0.628339	-7.2307	11.93067
{8}-{13}	0.1*180	5*30	-4.4667	5.304192	0.401254	-14.9589	6.02555
{8}-{14}	0.1*180	5*60	-5.2583	5.304192	0.323326	-15.7505	5.23388
{8}-{15}	0.1*180	5*120	8.1417	5.304192	0.127190	-2.3505	18.63388
{8}-{16}	0.1*180	5*180	0.8833	4.843374	0.855565	-8.6973	10.46401
{8}-{17}	0.1*180	10*30	-6.0500	5.304192	0.256099	-16.5422	4.44222
{8}-{18}	0.1*180	10*60	-6.7167	5.304192	0.207638	-17.2089	3.77555
{8}-{19}	0.1*180	10*120	10.9083	5.304192	0.041700	0.4161	21.40055
{8}-{20}	0.1*180	10*180	4.0667	4.843374	0.402631	-5.5140	13.64734
{9}-{10}	1*30	1*60	6.9833	5.064541	0.170268	-3.0348	17.00150
{9}-{11}	1*30	1*120	12.9583	5.064541	0.011637	2.9402	22.97650
{9}-{12}	1*30	1*180	8.4167	5.064541	0.098910	-1.6015	18.43483
{9}-{13}	1*30	5*30	1.6000	4.843374	0.741661	-7.9807	11.18067
{9}-{14}	1*30	5*60	0.8083	5.304192	0.879108	-9.6839	11.30055
{9}-{15}	1*30	5*120	14.2083	5.304192	0.008331	3.7161	24.70055
{9}-{16}	1*30	5*180	6.9500	5.304192	0.192375	-3.5422	17.44222
{9}-{17}	1*30	10*30	0.0167	4.843374	0.997260	-9.5640	9.59734
{9}-{18}	1*30	10*60	-0.6500	5.304192	0.902654	-11.1422	9.84222
{9}-{19}	1*30	10*120	16.9750	5.304192	0.001720	6.4828	27.46722
{9}-{20}	1*30	10*180	10.1333	5.304192	0.058246	-0.3589	20.62555
{10}-{11}	1*60	1*120	5.9750	5.064541	0.240213	-4.0432	15.99316
{10}-{12}	1*60	1*180	1.4333	5.064541	0.777610	-8.5848	11.45150
{10}-{13}	1*60	5*30	-5.3833	5.304192	0.312000	-15.8755	5.10888

{10}-{14}	1*60	5*60	-6.1750	4.843374	0.204571	-15.7557	3.40567
{10}-{15}	1*60	5*120	7.2250	5.304192	0.175477	-3.2672	17.71722
{10}-{16}	1*60	5*180	-0.0333	5.304192	0.994995	-10.5255	10.45888
{10}-{17}	1*60	10*30	-6.9667	5.304192	0.191318	-17.4589	3.52555
{10}-{18}	1*60	10*60	-7.6333	4.843374	0.117411	-17.2140	1.94734
{10}-{19}	1*60	10*120	9.9917	5.304192	0.061801	-0.5005	20.48388
{10}-{20}	1*60	10*180	3.1500	5.304192	0.553615	-7.3422	13.64222
{11}-{12}	1*120	1*180	-4.5417	5.064541	0.371481	-14.5598	5.47650
{11}-{13}	1*120	5*30	-11.3583	5.304192	0.034080	-21.8505	-0.86612
{11}-{14}	1*120	5*60	-12.1500	5.304192	0.023569	-22.6422	-1.65778
{11}-{15}	1*120	5*120	1.2500	4.843374	0.796744	-8.3307	10.83067
{11}-{16}	1*120	5*180	-6.0083	5.304192	0.259372	-16.5005	4.48388
{11}-{17}	1*120	10*30	-12.9417	5.304192	0.016019	-23.4339	-2.44945
{11}-{18}	1*120	10*60	-13.6083	5.304192	0.011417	-24.1005	-3.11612
{11}-{19}	1*120	10*120	4.0167	4.843374	0.408425	-5.5640	13.59734
{11}-{20}	1*120	10*180	-2.8250	5.304192	0.595208	-13.3172	7.66722
{12}-{13}	1*180	5*30	-6.8167	5.304192	0.200991	-17.3089	3.67555
{12}-{14}	1*180	5*60	-7.6083	5.304192	0.153823	-18.1005	2.88388
{12}-{15}	1*180	5*120	5.7917	5.304192	0.276864	-4.7005	16.28388
{12}-{16}	1*180	5*180	-1.4667	4.843374	0.762504	-11.0473	8.11401
{12}-{17}	1*180	10*30	-8.4000	5.304192	0.115666	-18.8922	2.09222
{12}-{18}	1*180	10*60	-9.0667	5.304192	0.089738	-19.5589	1.42555
{12}-{19}	1*180	10*120	8.5583	5.304192	0.109023	-1.9339	19.05055
{12}-{20}	1*180	10*180	1.7167	4.843374	0.723578	-7.8640	11.29734
{13}-{14}	5*30	5*60	-0.7917	5.064541	0.876023	-10.8098	9.22650
{13}-{15}	5*30	5*120	12.6083	5.064541	0.014034	2.5902	22.62650

{13}-{16}	5*30	5*180	5.3500	5.064541	0.292731	-4.6682	15.36816
{13}-{17}	5*30	10*30	-1.5833	4.843374	0.744256	-11.1640	7.99734
{13}-{18}	5*30	10*60	-2.2500	5.304192	0.672116	-12.7422	8.24222
{13}-{19}	5*30	10*120	15.3750	5.304192	0.004390	4.8828	25.86722
{13}-{20}	5*30	10*180	8.5333	5.304192	0.110051	-1.9589	19.02555
{14}-{15}	5*60	5*120	13.4000	5.064541	0.009139	3.3818	23.41816
{14}-{16}	5*60	5*180	6.1417	5.064541	0.227418	-3.8765	16.15983
{14}-{17}	5*60	10*30	-0.7917	5.304192	0.881582	-11.2839	9.70055
{14}-{18}	5*60	10*60	-1.4583	4.843374	0.763813	-11.0390	8.12234
{14}-{19}	5*60	10*120	16.1667	5.304192	0.002784	5.6745	26.65888
{14}-{20}	5*60	10*180	9.3250	5.304192	0.081058	-1.1672	19.81722
{15}-{16}	5*120	5*180	-7.2583	5.064541	0.154174	-17.2765	2.75983
{15}-{17}	5*120	10*30	-14.1917	5.304192	0.008405	-24.6839	-3.69945
{15}-{18}	5*120	10*60	-14.8583	5.304192	0.005857	-25.3505	-4.36612
{15}-{19}	5*120	10*120	2.7667	4.843374	0.568817	-6.8140	12.34734
{15}-{20}	5*120	10*180	-4.0750	5.304192	0.443705	-14.5672	6.41722
{16}-{17}	5*180	10*30	-6.9333	5.304192	0.193437	-17.4255	3.55888
{16}-{18}	5*180	10*60	-7.6000	5.304192	0.154271	-18.0922	2.89222
{16}-{19}	5*180	10*120	10.0250	5.304192	0.060949	-0.4672	20.51722
{16}-{20}	5*180	10*180	3.1833	4.843374	0.512161	-6.3973	12.76401
{17}-{18}	10*30	10*60	-0.6667	5.064541	0.895474	-10.6848	9.35150
{17}-{19}	10*30	10*120	16.9583	5.064541	0.001059	6.9402	26.97650
{17}-{20}	10*30	10*180	10.1167	5.064541	0.047821	0.0985	20.13483
{18}-{19}	10*60	10*120	17.6250	5.064541	0.000680	7.6068	27.64316
{18}-{20}	10*60	10*180	10.7833	5.064541	0.035096	0.7652	20.80150
{19}-{20}	10*120	10*180	-6.8417	5.064541	0.179040	-16.8598	3.17650

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 22.367	{2} - 19.617	{3} - 18.983	{4} - 20.983	{5} - 17.850	{6} - 18.425	{7} - 23.675	{8} - 28.017	{9} - 22.992	{10} - 17.400	{11} - 28.758	{12} - 27.575	{13} - 21.892	{14} - 20.733	{15} - 25.517	{16} - 25.883	{17} - 22.433	{18} - 22.917	{19} - 26.408	{20} - 33.650
1	C	30		0.380627	0.281100	0.658845	0.121666	0.218857	0.682415	0.078885	0.829657	0.121931	0.047186	0.104965	0.870114	0.609547	0.325294	0.272362	0.981690	0.863396	0.207460	0.000560
2	C	60	0.380627		0.839764	0.662697	0.580699	0.681727	0.205603	0.009478	0.292061	0.445906	0.004849	0.013851	0.477066	0.700748	0.066657	0.051610	0.378929	0.257099	0.035134	0.000022
3	C	120	0.281100	0.839764		0.523429	0.722988	0.861347	0.108007	0.005362	0.211209	0.620529	0.000981	0.008002	0.363657	0.584269	0.025883	0.032367	0.281515	0.219827	0.011563	0.000010
4	C	180	0.658845	0.662697	0.523429		0.327851	0.424071	0.400386	0.016624	0.530123	0.263418	0.016144	0.024609	0.776318	0.937662	0.157704	0.093378	0.650231	0.545574	0.091415	0.000025
5	0.1	30	0.121666	0.580699	0.722988	0.327851		0.854347	0.064637	0.001454	0.078468	0.888049	0.000836	0.002782	0.165658	0.367783	0.017652	0.013001	0.116310	0.114664	0.008243	0.000002
6	0.1	60	0.218857	0.681727	0.861347	0.424071	0.854347		0.095439	0.002614	0.154694	0.724254	0.001519	0.004812	0.279207	0.427366	0.027933	0.020907	0.211209	0.123724	0.013562	0.000005
7	0.1	120	0.682415	0.205603	0.108007	0.400386	0.064637	0.095439		0.167220	0.830737	0.051304	0.081874	0.223738	0.577138	0.358202	0.526393	0.490049	0.697770	0.812492	0.347531	0.002176
8	0.1	180	0.078885	0.009478	0.005362	0.016624	0.001454	0.002614	0.167220		0.117649	0.001135	0.816538	0.879156	0.057043	0.024038	0.434688	0.463155	0.082441	0.112320	0.615027	0.054147
9	1	30	0.829657	0.292061	0.211209	0.530123	0.078468	0.154694	0.830737	0.117649		0.075957	0.067326	0.144987	0.705001	0.480294	0.430119	0.366405	0.847589	0.981281	0.286169	0.001087
10	1	60	0.121931	0.445906	0.620529	0.263418	0.888049	0.724254	0.051304	0.001135	0.075957		0.000399	0.001441	0.161529	0.252348	0.012110	0.008808	0.117047	0.059252	0.005487	0.000001
11	1	120	0.047186	0.004849	0.000981	0.016144	0.000836	0.001519	0.081874	0.816538	0.067326	0.000399		0.705643	0.033197	0.013093	0.265564	0.369165	0.049503	0.069359	0.419092	0.127617
12	1	180	0.104965	0.013851	0.008002	0.024609	0.002782	0.004812	0.223738	0.879156	0.144987	0.001441	0.705643		0.077155	0.033832	0.519949	0.560572	0.109444	0.146645	0.715195	0.038053
13	5	30	0.870114	0.477066	0.363657	0.776318	0.165658	0.279207	0.577138	0.057043	0.705001	0.161529	0.033197	0.077155		0.711578	0.248310	0.203886	0.852084	0.748514	0.159226	0.000332
14	5	60	0.609547	0.700748	0.584269	0.937662	0.367783	0.427366	0.358202	0.024038	0.480294	0.252348	0.013093	0.033832	0.711578		0.128379	0.101851	0.595042	0.452761	0.077585	0.000087
15	5	120	0.325294	0.066657	0.025883	0.157704	0.017652	0.027933	0.526393	0.434688	0.430119	0.012110	0.265564	0.519949	0.248310	0.128379		0.906807	0.335601	0.416582	0.758914	0.011939
16	5	180	0.272362	0.051610	0.032367	0.093378	0.013001	0.020907	0.490049	0.463155	0.366405	0.008808	0.369165	0.560572	0.203886	0.101851	0.906807		0.281515	0.354145	0.869548	0.008329
17	10	30	0.981690	0.378929	0.281515	0.650231	0.116310	0.211209	0.697770	0.082441	0.847589	0.117047	0.049503	0.109444	0.852084	0.595042	0.335601	0.281515		0.877364	0.205770	0.000468
18	10	60	0.863396	0.257099	0.219827	0.545574	0.114664	0.123724	0.812492	0.112320	0.981281	0.059252	0.069359	0.146645	0.748514	0.452761	0.416582	0.354145	0.877364		0.266050	0.000797
19	10	120	0.207460	0.035134	0.011563	0.091415	0.008243	0.013562	0.347531	0.615027	0.286169	0.005487	0.419092	0.715195	0.159226	0.077585	0.758914	0.869548	0.205770	0.266050		0.022071
20	10	180	0.000560	0.000022	0.000010	0.000025	0.000002	0.000005	0.002176	0.054147	0.001087	0.000001	0.127617	0.038053	0.000332	0.000087	0.011939	0.008329	0.000468	0.000797	0.022071	

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	2.7500	3.126111	0.380627	-3.4338	8.93376
{1}-{3}	C*30	C*120	3.3833	3.126111	0.281100	-2.8004	9.56709
{1}-{4}	C*30	C*180	1.3833	3.126111	0.658845	-4.8004	7.56709
{1}-{5}	C*30	0.1*30	4.5167	2.899319	0.121666	-1.2185	10.25181
{1}-{6}	C*30	0.1*60	3.9417	3.190468	0.218857	-2.3694	10.25273
{1}-{7}	C*30	0.1*120	-1.3083	3.190468	0.682415	-7.6194	5.00273
{1}-{8}	C*30	0.1*180	-5.6500	3.190468	0.078885	-11.9611	0.66106
{1}-{9}	C*30	1*30	-0.6250	2.899319	0.829657	-6.3601	5.11014
{1}-{10}	C*30	1*60	4.9667	3.190468	0.121931	-1.3444	11.27773
{1}-{11}	C*30	1*120	-6.3917	3.190468	0.047186	-12.7027	-0.08060
{1}-{12}	C*30	1*180	-5.2083	3.190468	0.104965	-11.5194	1.10273
{1}-{13}	C*30	5*30	0.4750	2.899319	0.870114	-5.2601	6.21014
{1}-{14}	C*30	5*60	1.6333	3.190468	0.609547	-4.6777	7.94440
{1}-{15}	C*30	5*120	-3.1500	3.190468	0.325294	-9.4611	3.16106
{1}-{16}	C*30	5*180	-3.5167	3.190468	0.272362	-9.8277	2.79440
{1}-{17}	C*30	10*30	-0.0667	2.899319	0.981690	-5.8018	5.66847
{1}-{18}	C*30	10*60	-0.5500	3.190468	0.863396	-6.8611	5.76106
{1}-{19}	C*30	10*120	-4.0417	3.190468	0.207460	-10.3527	2.26940
{1}-{20}	C*30	10*180	-11.2833	3.190468	0.000560	-17.5944	-4.97227
{2}-{3}	C*60	C*120	0.6333	3.126111	0.839764	-5.5504	6.81709

{2}-{4}	C*60	C*180	-1.3667	3.126111	0.662697	-7.5504	4.81709
{2}-{5}	C*60	0.1*30	1.7667	3.190468	0.580699	-4.5444	8.07773
{2}-{6}	C*60	0.1*60	1.1917	2.899319	0.681727	-4.5435	6.92681
{2}-{7}	C*60	0.1*120	-4.0583	3.190468	0.205603	-10.3694	2.25273
{2}-{8}	C*60	0.1*180	-8.4000	3.190468	0.009478	-14.7111	-2.08894
{2}-{9}	C*60	1*30	-3.3750	3.190468	0.292061	-9.6861	2.93606
{2}-{10}	C*60	1*60	2.2167	2.899319	0.445906	-3.5185	7.95181
{2}-{11}	C*60	1*120	-9.1417	3.190468	0.004849	-15.4527	-2.83060
{2}-{12}	C*60	1*180	-7.9583	3.190468	0.013851	-14.2694	-1.64727
{2}-{13}	C*60	5*30	-2.2750	3.190468	0.477066	-8.5861	4.03606
{2}-{14}	C*60	5*60	-1.1167	2.899319	0.700748	-6.8518	4.61847
{2}-{15}	C*60	5*120	-5.9000	3.190468	0.066657	-12.2111	0.41106
{2}-{16}	C*60	5*180	-6.2667	3.190468	0.051610	-12.5777	0.04440
{2}-{17}	C*60	10*30	-2.8167	3.190468	0.378929	-9.1277	3.49440
{2}-{18}	C*60	10*60	-3.3000	2.899319	0.257099	-9.0351	2.43514
{2}-{19}	C*60	10*120	-6.7917	3.190468	0.035134	-13.1027	-0.48060
{2}-{20}	C*60	10*180	-14.0333	3.190468	0.000022	-20.3444	-7.72227
{3}-{4}	C*120	C*180	-2.0000	3.126111	0.523429	-8.1838	4.18376
{3}-{5}	C*120	0.1*30	1.1333	3.190468	0.722988	-5.1777	7.44440
{3}-{6}	C*120	0.1*60	0.5583	3.190468	0.861347	-5.7527	6.86940
{3}-{7}	C*120	0.1*120	-4.6917	2.899319	0.108007	-10.4268	1.04347
{3}-{8}	C*120	0.1*180	-9.0333	3.190468	0.005362	-15.3444	-2.72227
{3}-{9}	C*120	1*30	-4.0083	3.190468	0.211209	-10.3194	2.30273
{3}-{10}	C*120	1*60	1.5833	3.190468	0.620529	-4.7277	7.89440
{3}-{11}	C*120	1*120	-9.7750	2.899319	0.000981	-15.5101	-4.03986
{3}-{12}	C*120	1*180	-8.5917	3.190468	0.008002	-14.9027	-2.28060



{3}-{13}	C*120	5*30	-2.9083	3.190468	0.363657	-9.2194	3.40273
{3}-{14}	C*120	5*60	-1.7500	3.190468	0.584269	-8.0611	4.56106
{3}-{15}	C*120	5*120	-6.5333	2.899319	0.025883	-12.2685	-0.79819
{3}-{16}	C*120	5*180	-6.9000	3.190468	0.032367	-13.2111	-0.58894
{3}-{17}	C*120	10*30	-3.4500	3.190468	0.281515	-9.7611	2.86106
{3}-{18}	C*120	10*60	-3.9333	3.190468	0.219827	-10.2444	2.37773
{3}-{19}	C*120	10*120	-7.4250	2.899319	0.011563	-13.1601	-1.68986
{3}-{20}	C*120	10*180	-14.6667	3.190468	0.000010	-20.9777	-8.35560
{4}-{5}	C*180	0.1*30	3.1333	3.190468	0.327851	-3.1777	9.44440
{4}-{6}	C*180	0.1*60	2.5583	3.190468	0.424071	-3.7527	8.86940
{4}-{7}	C*180	0.1*120	-2.6917	3.190468	0.400386	-9.0027	3.61940
{4}-{8}	C*180	0.1*180	-7.0333	2.899319	0.016624	-12.7685	-1.29819
{4}-{9}	C*180	1*30	-2.0083	3.190468	0.530123	-8.3194	4.30273
{4}-{10}	C*180	1*60	3.5833	3.190468	0.263418	-2.7277	9.89440
{4}-{11}	C*180	1*120	-7.7750	3.190468	0.016144	-14.0861	-1.46394
{4}-{12}	C*180	1*180	-6.5917	2.899319	0.024609	-12.3268	-0.85653
{4}-{13}	C*180	5*30	-0.9083	3.190468	0.776318	-7.2194	5.40273
{4}-{14}	C*180	5*60	0.2500	3.190468	0.937662	-6.0611	6.56106
{4}-{15}	C*180	5*120	-4.5333	3.190468	0.157704	-10.8444	1.77773
{4}-{16}	C*180	5*180	-4.9000	2.899319	0.093378	-10.6351	0.83514
{4}-{17}	C*180	10*30	-1.4500	3.190468	0.650231	-7.7611	4.86106
{4}-{18}	C*180	10*60	-1.9333	3.190468	0.545574	-8.2444	4.37773
{4}-{19}	C*180	10*120	-5.4250	3.190468	0.091415	-11.7361	0.88606
{4}-{20}	C*180	10*180	-12.6667	2.899319	0.000025	-18.4018	-6.93153
{5}-{6}	0.1*30	0.1*60	-0.5750	3.126111	0.854347	-6.7588	5.60876
{5}-{7}	0.1*30	0.1*120	-5.8250	3.126111	0.064637	-12.0088	0.35876

{5}-{8}	0.1*30	0.1*180	-10.1667	3.126111	0.001454	-16.3504	-3.98291
{5}-{9}	0.1*30	1*30	-5.1417	2.899319	0.078468	-10.8768	0.59347
{5}-{10}	0.1*30	1*60	0.4500	3.190468	0.888049	-5.8611	6.76106
{5}-{11}	0.1*30	1*120	-10.9083	3.190468	0.000836	-17.2194	-4.59727
{5}-{12}	0.1*30	1*180	-9.7250	3.190468	0.002782	-16.0361	-3.41394
{5}-{13}	0.1*30	5*30	-4.0417	2.899319	0.165658	-9.7768	1.69347
{5}-{14}	0.1*30	5*60	-2.8833	3.190468	0.367783	-9.1944	3.42773
{5}-{15}	0.1*30	5*120	-7.6667	3.190468	0.017652	-13.9777	-1.35560
{5}-{16}	0.1*30	5*180	-8.0333	3.190468	0.013001	-14.3444	-1.72227
{5}-{17}	0.1*30	10*30	-4.5833	2.899319	0.116310	-10.3185	1.15181
{5}-{18}	0.1*30	10*60	-5.0667	3.190468	0.114664	-11.3777	1.24440
{5}-{19}	0.1*30	10*120	-8.5583	3.190468	0.008243	-14.8694	-2.24727
{5}-{20}	0.1*30	10*180	-15.8000	3.190468	0.000002	-22.1111	-9.48894
{6}-{7}	0.1*60	0.1*120	-5.2500	3.126111	0.095439	-11.4338	0.93376
{6}-{8}	0.1*60	0.1*180	-9.5917	3.126111	0.002614	-15.7754	-3.40791
{6}-{9}	0.1*60	1*30	-4.5667	3.190468	0.154694	-10.8777	1.74440
{6}-{10}	0.1*60	1*60	1.0250	2.899319	0.724254	-4.7101	6.76014
{6}-{11}	0.1*60	1*120	-10.3333	3.190468	0.001519	-16.6444	-4.02227
{6}-{12}	0.1*60	1*180	-9.1500	3.190468	0.004812	-15.4611	-2.83894
{6}-{13}	0.1*60	5*30	-3.4667	3.190468	0.279207	-9.7777	2.84440
{6}-{14}	0.1*60	5*60	-2.3083	2.899319	0.427366	-8.0435	3.42681
{6}-{15}	0.1*60	5*120	-7.0917	3.190468	0.027933	-13.4027	-0.78060
{6}-{16}	0.1*60	5*180	-7.4583	3.190468	0.020907	-13.7694	-1.14727
{6}-{17}	0.1*60	10*30	-4.0083	3.190468	0.211209	-10.3194	2.30273
{6}-{18}	0.1*60	10*60	-4.4917	2.899319	0.123724	-10.2268	1.24347
{6}-{19}	0.1*60	10*120	-7.9833	3.190468	0.013562	-14.2944	-1.67227

{6}-{20}	0.1*60	10*180	-15.2250	3.190468	0.000005	-21.5361	-8.91394
{7}-{8}	0.1*120	0.1*180	-4.3417	3.126111	0.167220	-10.5254	1.84209
{7}-{9}	0.1*120	1*30	0.6833	3.190468	0.830737	-5.6277	6.99440
{7}-{10}	0.1*120	1*60	6.2750	3.190468	0.051304	-0.0361	12.58606
{7}-{11}	0.1*120	1*120	-5.0833	2.899319	0.081874	-10.8185	0.65181
{7}-{12}	0.1*120	1*180	-3.9000	3.190468	0.223738	-10.2111	2.41106
{7}-{13}	0.1*120	5*30	1.7833	3.190468	0.577138	-4.5277	8.09440
{7}-{14}	0.1*120	5*60	2.9417	3.190468	0.358202	-3.3694	9.25273
{7}-{15}	0.1*120	5*120	-1.8417	2.899319	0.526393	-7.5768	3.89347
{7}-{16}	0.1*120	5*180	-2.2083	3.190468	0.490049	-8.5194	4.10273
{7}-{17}	0.1*120	10*30	1.2417	3.190468	0.697770	-5.0694	7.55273
{7}-{18}	0.1*120	10*60	0.7583	3.190468	0.812492	-5.5527	7.06940
{7}-{19}	0.1*120	10*120	-2.7333	2.899319	0.347531	-8.4685	3.00181
{7}-{20}	0.1*120	10*180	-9.9750	3.190468	0.002176	-16.2861	-3.66394
{8}-{9}	0.1*180	1*30	5.0250	3.190468	0.117649	-1.2861	11.33606
{8}-{10}	0.1*180	1*60	10.6167	3.190468	0.001135	4.3056	16.92773
{8}-{11}	0.1*180	1*120	-0.7417	3.190468	0.816538	-7.0527	5.56940
{8}-{12}	0.1*180	1*180	0.4417	2.899319	0.879156	-5.2935	6.17681
{8}-{13}	0.1*180	5*30	6.1250	3.190468	0.057043	-0.1861	12.43606
{8}-{14}	0.1*180	5*60	7.2833	3.190468	0.024038	0.9723	13.59440
{8}-{15}	0.1*180	5*120	2.5000	3.190468	0.434688	-3.8111	8.81106
{8}-{16}	0.1*180	5*180	2.1333	2.899319	0.463155	-3.6018	7.86847
{8}-{17}	0.1*180	10*30	5.5833	3.190468	0.082441	-0.7277	11.89440
{8}-{18}	0.1*180	10*60	5.1000	3.190468	0.112320	-1.2111	11.41106
{8}-{19}	0.1*180	10*120	1.6083	3.190468	0.615027	-4.7027	7.91940
{8}-{20}	0.1*180	10*180	-5.6333	2.899319	0.054147	-11.3685	0.10181

{9}-{10}	1*30	1*60	5.5917	3.126111	0.075957	-0.5921	11.77542
{9}-{11}	1*30	1*120	-5.7667	3.126111	0.067326	-11.9504	0.41709
{9}-{12}	1*30	1*180	-4.5833	3.126111	0.144987	-10.7671	1.60042
{9}-{13}	1*30	5*30	1.1000	2.899319	0.705001	-4.6351	6.83514
{9}-{14}	1*30	5*60	2.2583	3.190468	0.480294	-4.0527	8.56940
{9}-{15}	1*30	5*120	-2.5250	3.190468	0.430119	-8.8361	3.78606
{9}-{16}	1*30	5*180	-2.8917	3.190468	0.366405	-9.2027	3.41940
{9}-{17}	1*30	10*30	0.5583	2.899319	0.847589	-5.1768	6.29347
{9}-{18}	1*30	10*60	0.0750	3.190468	0.981281	-6.2361	6.38606
{9}-{19}	1*30	10*120	-3.4167	3.190468	0.286169	-9.7277	2.89440
{9}-{20}	1*30	10*180	-10.6583	3.190468	0.001087	-16.9694	-4.34727
{10}-{11}	1*60	1*120	-11.3583	3.126111	0.000399	-17.5421	-5.17458
{10}-{12}	1*60	1*180	-10.1750	3.126111	0.001441	-16.3588	-3.99124
{10}-{13}	1*60	5*30	-4.4917	3.190468	0.161529	-10.8027	1.81940
{10}-{14}	1*60	5*60	-3.3333	2.899319	0.252348	-9.0685	2.40181
{10}-{15}	1*60	5*120	-8.1167	3.190468	0.012110	-14.4277	-1.80560
{10}-{16}	1*60	5*180	-8.4833	3.190468	0.008808	-14.7944	-2.17227
{10}-{17}	1*60	10*30	-5.0333	3.190468	0.117047	-11.3444	1.27773
{10}-{18}	1*60	10*60	-5.5167	2.899319	0.059252	-11.2518	0.21847
{10}-{19}	1*60	10*120	-9.0083	3.190468	0.005487	-15.3194	-2.69727
{10}-{20}	1*60	10*180	-16.2500	3.190468	0.000001	-22.5611	-9.93894
{11}-{12}	1*120	1*180	1.1833	3.126111	0.705643	-5.0004	7.36709
{11}-{13}	1*120	5*30	6.8667	3.190468	0.033197	0.5556	13.17773
{11}-{14}	1*120	5*60	8.0250	3.190468	0.013093	1.7139	14.33606
{11}-{15}	1*120	5*120	3.2417	2.899319	0.265564	-2.4935	8.97681
{11}-{16}	1*120	5*180	2.8750	3.190468	0.369165	-3.4361	9.18606

{11}-{17}	1*120	10*30	6.3250	3.190468	0.049503	0.0139	12.63606
{11}-{18}	1*120	10*60	5.8417	3.190468	0.069359	-0.4694	12.15273
{11}-{19}	1*120	10*120	2.3500	2.899319	0.419092	-3.3851	8.08514
{11}-{20}	1*120	10*180	-4.8917	3.190468	0.127617	-11.2027	1.41940
{12}-{13}	1*180	5*30	5.6833	3.190468	0.077155	-0.6277	11.99440
{12}-{14}	1*180	5*60	6.8417	3.190468	0.033832	0.5306	13.15273
{12}-{15}	1*180	5*120	2.0583	3.190468	0.519949	-4.2527	8.36940
{12}-{16}	1*180	5*180	1.6917	2.899319	0.560572	-4.0435	7.42681
{12}-{17}	1*180	10*30	5.1417	3.190468	0.109444	-1.1694	11.45273
{12}-{18}	1*180	10*60	4.6583	3.190468	0.146645	-1.6527	10.96940
{12}-{19}	1*180	10*120	1.1667	3.190468	0.715195	-5.1444	7.47773
{12}-{20}	1*180	10*180	-6.0750	2.899319	0.038053	-11.8101	-0.33986
{13}-{14}	5*30	5*60	1.1583	3.126111	0.711578	-5.0254	7.34209
{13}-{15}	5*30	5*120	-3.6250	3.126111	0.248310	-9.8088	2.55876
{13}-{16}	5*30	5*180	-3.9917	3.126111	0.203886	-10.1754	2.19209
{13}-{17}	5*30	10*30	-0.5417	2.899319	0.852084	-6.2768	5.19347
{13}-{18}	5*30	10*60	-1.0250	3.190468	0.748514	-7.3361	5.28606
{13}-{19}	5*30	10*120	-4.5167	3.190468	0.159226	-10.8277	1.79440
{13}-{20}	5*30	10*180	-11.7583	3.190468	0.000332	-18.0694	-5.44727
{14}-{15}	5*60	5*120	-4.7833	3.126111	0.128379	-10.9671	1.40042
{14}-{16}	5*60	5*180	-5.1500	3.126111	0.101851	-11.3338	1.03376
{14}-{17}	5*60	10*30	-1.7000	3.190468	0.595042	-8.0111	4.61106
{14}-{18}	5*60	10*60	-2.1833	2.899319	0.452761	-7.9185	3.55181
{14}-{19}	5*60	10*120	-5.6750	3.190468	0.077585	-11.9861	0.63606
{14}-{20}	5*60	10*180	-12.9167	3.190468	0.000087	-19.2277	-6.60560
{15}-{16}	5*120	5*180	-0.3667	3.126111	0.906807	-6.5504	5.81709

{15}-{17}	5*120	10*30	3.0833	3.190468	0.335601	-3.2277	9.39440
{15}-{18}	5*120	10*60	2.6000	3.190468	0.416582	-3.7111	8.91106
{15}-{19}	5*120	10*120	-0.8917	2.899319	0.758914	-6.6268	4.84347
{15}-{20}	5*120	10*180	-8.1333	3.190468	0.011939	-14.4444	-1.82227
{16}-{17}	5*180	10*30	3.4500	3.190468	0.281515	-2.8611	9.76106
{16}-{18}	5*180	10*60	2.9667	3.190468	0.354145	-3.3444	9.27773
{16}-{19}	5*180	10*120	-0.5250	3.190468	0.869548	-6.8361	5.78606
{16}-{20}	5*180	10*180	-7.7667	2.899319	0.008329	-13.5018	-2.03153
{17}-{18}	10*30	10*60	-0.4833	3.126111	0.877364	-6.6671	5.70042
{17}-{19}	10*30	10*120	-3.9750	3.126111	0.205770	-10.1588	2.20876
{17}-{20}	10*30	10*180	-11.2167	3.126111	0.000468	-17.4004	-5.03291
{18}-{19}	10*60	10*120	-3.4917	3.126111	0.266050	-9.6754	2.69209
{18}-{20}	10*60	10*180	-10.7333	3.126111	0.000797	-16.9171	-4.54958
{19}-{20}	10*120	10*180	-7.2417	3.126111	0.022071	-13.4254	-1.05791

LSD test; variable Immobile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Immobile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 42.092	{2} - 35.400	{3} - 31.708	{4} - 41.833	{5} - 38.883	{6} - 38.800	{7} - 35.250	{8} - 38.208	{9} - 36.767	{10} - 41.533	{11} - 42.067	{12} - 42.533	{13} - 41.358	{14} - 38.083	{15} - 50.883	{16} - 45.717	{17} - 38.525	{18} - 39.142	{19} - 52.925	{20} - 44.292
1	C	30		0.220624	0.058348	0.962177	0.513496	0.568302	0.236626	0.500981	0.278834	0.922857	0.996540	0.938940	0.881187	0.487326	0.128975	0.529841	0.467690	0.609075	0.061970	0.702860
2	C	60	0.220624		0.498356	0.238861	0.546022	0.488706	0.979245	0.626359	0.812649	0.212607	0.248768	0.217341	0.302388	0.584642	0.008057	0.075308	0.588026	0.446180	0.002807	0.124717
3	C	120	0.058348	0.498356		0.064806	0.214682	0.220023	0.470810	0.260736	0.381009	0.090121	0.036285	0.062168	0.095935	0.269973	0.000144	0.016261	0.238334	0.198724	0.000029	0.030535
4	C	180	0.962177	0.238861	0.064806		0.609075	0.599010	0.254703	0.460456	0.380227	0.958503	0.967719	0.886550	0.934342	0.515771	0.118203	0.429192	0.566347	0.640750	0.056080	0.616492
5	0.1	30	0.513496	0.546022	0.214682	0.609075		0.987795	0.505156	0.901391	0.666269	0.645924	0.581086	0.527011	0.614107	0.889650	0.038975	0.237194	0.941777	0.964263	0.016014	0.349037
6	0.1	60	0.568302	0.488706	0.220023	0.599010	0.987795		0.514957	0.913513	0.724405	0.577671	0.571240	0.517635	0.657367	0.883868	0.037658	0.231553	0.961959	0.944481	0.015411	0.341686

7	0.1	120	0.236626	0.979245	0.470810	0.254703	0.505156	0.514957		0.587302	0.792538	0.276889	0.166254	0.207880	0.290429	0.623293	0.001763	0.071212	0.570260	0.500065	0.000434	0.118539
8	0.1	180	0.500981	0.626359	0.260736	0.460456	0.901391	0.913513	0.587302		0.802577	0.564396	0.503737	0.378729	0.585047	0.982703	0.029364	0.127601	0.956200	0.871409	0.011679	0.216337
9	1	30	0.278834	0.812649	0.381009	0.380227	0.666269	0.724405	0.792538	0.802577		0.382262	0.331467	0.290818	0.350129	0.819382	0.015470	0.122285	0.720117	0.680495	0.005745	0.193278
10	1	60	0.922857	0.212607	0.090121	0.958503	0.645924	0.577671	0.276889	0.564396	0.382262		0.922011	0.854362	0.975786	0.482347	0.106604	0.468554	0.602021	0.626075	0.049838	0.632509
11	1	120	0.996540	0.248768	0.036285	0.967719	0.581086	0.571240	0.166254	0.503737	0.331467	0.922011		0.931734	0.902226	0.490040	0.074073	0.527011	0.539329	0.612110	0.028308	0.699648
12	1	180	0.938940	0.217341	0.062168	0.886550	0.527011	0.517635	0.207880	0.378729	0.290818	0.854362	0.931734		0.838528	0.440744	0.149160	0.516778	0.487326	0.556623	0.073236	0.720117
13	5	30	0.881187	0.302388	0.095935	0.934342	0.614107	0.657367	0.290429	0.585047	0.350129	0.975786	0.902226	0.838528		0.547993	0.082132	0.424246	0.563848	0.700718	0.046477	0.611097
14	5	60	0.487326	0.584642	0.269973	0.515771	0.889650	0.883868	0.623293	0.982703	0.819382	0.482347	0.490040	0.440744	0.547993		0.020042	0.162701	0.938940	0.829226	0.011003	0.282637
15	5	120	0.128975	0.008057	0.000144	0.118203	0.038975	0.037658	0.001763	0.029364	0.015470	0.106604	0.074073	0.149160	0.082132	0.020042		0.343732	0.033581	0.043311	0.677408	0.254105
16	5	180	0.529841	0.075308	0.016261	0.429192	0.237194	0.231553	0.071212	0.127601	0.122285	0.468554	0.527011	0.516778	0.424246	0.162701	0.343732		0.213625	0.255302	0.212572	0.771509
17	10	30	0.467690	0.588026	0.238334	0.566347	0.941777	0.961959	0.570260	0.956200	0.720117	0.602021	0.539329	0.487326	0.563848	0.938940	0.033581	0.213625		0.909874	0.009074	0.290818
18	10	60	0.609075	0.446180	0.198724	0.640750	0.964263	0.944481	0.500065	0.871409	0.680495	0.626075	0.612110	0.556623	0.700718	0.829226	0.043311	0.255302	0.909874		0.012413	0.345286
19	10	120	0.061970	0.002807	0.000029	0.056080	0.016014	0.015411	0.000434	0.011679	0.005745	0.049838	0.028308	0.073236	0.046477	0.011003	0.677408	0.212572	0.009074	0.012413		0.114724
20	10	180	0.702860	0.124717	0.030535	0.616492	0.349037	0.341686	0.118539	0.216337	0.193278	0.632509	0.699648	0.720117	0.611097	0.282637	0.254105	0.771509	0.290818	0.345286	0.114724	

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	6.6917	5.437285	0.220624	-4.0638	17.4472
{1}-{3}	C*30	C*120	10.3833	5.437285	0.058348	-0.3722	21.1388
{1}-{4}	C*30	C*180	0.2583	5.437285	0.962177	-10.4972	11.0138
{1}-{5}	C*30	0.1*30	3.2083	4.896920	0.513496	-6.4783	12.8949
{1}-{6}	C*30	0.1*60	3.2917	5.754769	0.568302	-8.0918	14.6752

{1}-{7}	C*30	0.1*120	6.8417	5.754769	0.236626	-4.5418	18.2252
{1}-{8}	C*30	0.1*180	3.8833	5.754769	0.500981	-7.5002	15.2668
{1}-{9}	C*30	1*30	5.3250	4.896920	0.278834	-4.3616	15.0116
{1}-{10}	C*30	1*60	0.5583	5.754769	0.922857	-10.8252	11.9418
{1}-{11}	C*30	1*120	0.0250	5.754769	0.996540	-11.3585	11.4085
{1}-{12}	C*30	1*180	-0.4417	5.754769	0.938940	-11.8252	10.9418
{1}-{13}	C*30	5*30	0.7333	4.896920	0.881187	-8.9533	10.4199
{1}-{14}	C*30	5*60	4.0083	5.754769	0.487326	-7.3752	15.3918
{1}-{15}	C*30	5*120	-8.7917	5.754769	0.128975	-20.1752	2.5918
{1}-{16}	C*30	5*180	-3.6250	5.754769	0.529841	-15.0085	7.7585
{1}-{17}	C*30	10*30	3.5667	4.896920	0.467690	-6.1199	13.2533
{1}-{18}	C*30	10*60	2.9500	5.754769	0.609075	-8.4335	14.3335
{1}-{19}	C*30	10*120	-10.8333	5.754769	0.061970	-22.2168	0.5502
{1}-{20}	C*30	10*180	-2.2000	5.754769	0.702860	-13.5835	9.1835
{2}-{3}	C*60	C*120	3.6917	5.437285	0.498356	-7.0638	14.4472
{2}-{4}	C*60	C*180	-6.4333	5.437285	0.238861	-17.1888	4.3222
{2}-{5}	C*60	0.1*30	-3.4833	5.754769	0.546022	-14.8668	7.9002
{2}-{6}	C*60	0.1*60	-3.4000	4.896920	0.488706	-13.0866	6.2866
{2}-{7}	C*60	0.1*120	0.1500	5.754769	0.979245	-11.2335	11.5335
{2}-{8}	C*60	0.1*180	-2.8083	5.754769	0.626359	-14.1918	8.5752
{2}-{9}	C*60	1*30	-1.3667	5.754769	0.812649	-12.7502	10.0168
{2}-{10}	C*60	1*60	-6.1333	4.896920	0.212607	-15.8199	3.5533
{2}-{11}	C*60	1*120	-6.6667	5.754769	0.248768	-18.0502	4.7168
{2}-{12}	C*60	1*180	-7.1333	5.754769	0.217341	-18.5168	4.2502
{2}-{13}	C*60	5*30	-5.9583	5.754769	0.302388	-17.3418	5.4252
{2}-{14}	C*60	5*60	-2.6833	4.896920	0.584642	-12.3699	7.0033



{2}-{15}	C*60	5*120	-15.4833	5.754769	0.008057	-26.8668	-4.0998
{2}-{16}	C*60	5*180	-10.3167	5.754769	0.075308	-21.7002	1.0668
{2}-{17}	C*60	10*30	-3.1250	5.754769	0.588026	-14.5085	8.2585
{2}-{18}	C*60	10*60	-3.7417	4.896920	0.446180	-13.4283	5.9449
{2}-{19}	C*60	10*120	-17.5250	5.754769	0.002807	-28.9085	-6.1415
{2}-{20}	C*60	10*180	-8.8917	5.754769	0.124717	-20.2752	2.4918
{3}-{4}	C*120	C*180	-10.1250	5.437285	0.064806	-20.8805	0.6305
{3}-{5}	C*120	0.1*30	-7.1750	5.754769	0.214682	-18.5585	4.2085
{3}-{6}	C*120	0.1*60	-7.0917	5.754769	0.220023	-18.4752	4.2918
{3}-{7}	C*120	0.1*120	-3.5417	4.896920	0.470810	-13.2283	6.1449
{3}-{8}	C*120	0.1*180	-6.5000	5.754769	0.260736	-17.8835	4.8835
{3}-{9}	C*120	1*30	-5.0583	5.754769	0.381009	-16.4418	6.3252
{3}-{10}	C*120	1*60	-9.8250	5.754769	0.090121	-21.2085	1.5585
{3}-{11}	C*120	1*120	-10.3583	4.896920	0.036285	-20.0449	-0.6717
{3}-{12}	C*120	1*180	-10.8250	5.754769	0.062168	-22.2085	0.5585
{3}-{13}	C*120	5*30	-9.6500	5.754769	0.095935	-21.0335	1.7335
{3}-{14}	C*120	5*60	-6.3750	5.754769	0.269973	-17.7585	5.0085
{3}-{15}	C*120	5*120	-19.1750	4.896920	0.000144	-28.8616	-9.4884
{3}-{16}	C*120	5*180	-14.0083	5.754769	0.016261	-25.3918	-2.6248
{3}-{17}	C*120	10*30	-6.8167	5.754769	0.238334	-18.2002	4.5668
{3}-{18}	C*120	10*60	-7.4333	5.754769	0.198724	-18.8168	3.9502
{3}-{19}	C*120	10*120	-21.2167	4.896920	0.000029	-30.9033	-11.5301
{3}-{20}	C*120	10*180	-12.5833	5.754769	0.030535	-23.9668	-1.1998
{4}-{5}	C*180	0.1*30	2.9500	5.754769	0.609075	-8.4335	14.3335
{4}-{6}	C*180	0.1*60	3.0333	5.754769	0.599010	-8.3502	14.4168
{4}-{7}	C*180	0.1*120	6.5833	5.754769	0.254703	-4.8002	17.9668

{4}-{8}	C*180	0.1*180	3.6250	4.896920	0.460456	-6.0616	13.3116
{4}-{9}	C*180	1*30	5.0667	5.754769	0.380227	-6.3168	16.4502
{4}-{10}	C*180	1*60	0.3000	5.754769	0.958503	-11.0835	11.6835
{4}-{11}	C*180	1*120	-0.2333	5.754769	0.967719	-11.6168	11.1502
{4}-{12}	C*180	1*180	-0.7000	4.896920	0.886550	-10.3866	8.9866
{4}-{13}	C*180	5*30	0.4750	5.754769	0.934342	-10.9085	11.8585
{4}-{14}	C*180	5*60	3.7500	5.754769	0.515771	-7.6335	15.1335
{4}-{15}	C*180	5*120	-9.0500	5.754769	0.118203	-20.4335	2.3335
{4}-{16}	C*180	5*180	-3.8833	4.896920	0.429192	-13.5699	5.8033
{4}-{17}	C*180	10*30	3.3083	5.754769	0.566347	-8.0752	14.6918
{4}-{18}	C*180	10*60	2.6917	5.754769	0.640750	-8.6918	14.0752
{4}-{19}	C*180	10*120	-11.0917	5.754769	0.056080	-22.4752	0.2918
{4}-{20}	C*180	10*180	-2.4583	4.896920	0.616492	-12.1449	7.2283
{5}-{6}	0.1*30	0.1*60	0.0833	5.437285	0.987795	-10.6722	10.8388
{5}-{7}	0.1*30	0.1*120	3.6333	5.437285	0.505156	-7.1222	14.3888
{5}-{8}	0.1*30	0.1*180	0.6750	5.437285	0.901391	-10.0805	11.4305
{5}-{9}	0.1*30	1*30	2.1167	4.896920	0.666269	-7.5699	11.8033
{5}-{10}	0.1*30	1*60	-2.6500	5.754769	0.645924	-14.0335	8.7335
{5}-{11}	0.1*30	1*120	-3.1833	5.754769	0.581086	-14.5668	8.2002
{5}-{12}	0.1*30	1*180	-3.6500	5.754769	0.527011	-15.0335	7.7335
{5}-{13}	0.1*30	5*30	-2.4750	4.896920	0.614107	-12.1616	7.2116
{5}-{14}	0.1*30	5*60	0.8000	5.754769	0.889650	-10.5835	12.1835
{5}-{15}	0.1*30	5*120	-12.0000	5.754769	0.038975	-23.3835	-0.6165
{5}-{16}	0.1*30	5*180	-6.8333	5.754769	0.237194	-18.2168	4.5502
{5}-{17}	0.1*30	10*30	0.3583	4.896920	0.941777	-9.3283	10.0449
{5}-{18}	0.1*30	10*60	-0.2583	5.754769	0.964263	-11.6418	11.1252

{5}-{19}	0.1*30	10*120	-14.0417	5.754769	0.016014	-25.4252	-2.6582
{5}-{20}	0.1*30	10*180	-5.4083	5.754769	0.349037	-16.7918	5.9752
{6}-{7}	0.1*60	0.1*120	3.5500	5.437285	0.514957	-7.2055	14.3055
{6}-{8}	0.1*60	0.1*180	0.5917	5.437285	0.913513	-10.1638	11.3472
{6}-{9}	0.1*60	1*30	2.0333	5.754769	0.724405	-9.3502	13.4168
{6}-{10}	0.1*60	1*60	-2.7333	4.896920	0.577671	-12.4199	6.9533
{6}-{11}	0.1*60	1*120	-3.2667	5.754769	0.571240	-14.6502	8.1168
{6}-{12}	0.1*60	1*180	-3.7333	5.754769	0.517635	-15.1168	7.6502
{6}-{13}	0.1*60	5*30	-2.5583	5.754769	0.657367	-13.9418	8.8252
{6}-{14}	0.1*60	5*60	0.7167	4.896920	0.883868	-8.9699	10.4033
{6}-{15}	0.1*60	5*120	-12.0833	5.754769	0.037658	-23.4668	-0.6998
{6}-{16}	0.1*60	5*180	-6.9167	5.754769	0.231553	-18.3002	4.4668
{6}-{17}	0.1*60	10*30	0.2750	5.754769	0.961959	-11.1085	11.6585
{6}-{18}	0.1*60	10*60	-0.3417	4.896920	0.944481	-10.0283	9.3449
{6}-{19}	0.1*60	10*120	-14.1250	5.754769	0.015411	-25.5085	-2.7415
{6}-{20}	0.1*60	10*180	-5.4917	5.754769	0.341686	-16.8752	5.8918
{7}-{8}	0.1*120	0.1*180	-2.9583	5.437285	0.587302	-13.7138	7.7972
{7}-{9}	0.1*120	1*30	-1.5167	5.754769	0.792538	-12.9002	9.8668
{7}-{10}	0.1*120	1*60	-6.2833	5.754769	0.276889	-17.6668	5.1002
{7}-{11}	0.1*120	1*120	-6.8167	4.896920	0.166254	-16.5033	2.8699
{7}-{12}	0.1*120	1*180	-7.2833	5.754769	0.207880	-18.6668	4.1002
{7}-{13}	0.1*120	5*30	-6.1083	5.754769	0.290429	-17.4918	5.2752
{7}-{14}	0.1*120	5*60	-2.8333	5.754769	0.623293	-14.2168	8.5502
{7}-{15}	0.1*120	5*120	-15.6333	4.896920	0.001763	-25.3199	-5.9467
{7}-{16}	0.1*120	5*180	-10.4667	5.754769	0.071212	-21.8502	0.9168
{7}-{17}	0.1*120	10*30	-3.2750	5.754769	0.570260	-14.6585	8.1085

{7}-{18}	0.1*120	10*60	-3.8917	5.754769	0.500065	-15.2752	7.4918
{7}-{19}	0.1*120	10*120	-17.6750	4.896920	0.000434	-27.3616	-7.9884
{7}-{20}	0.1*120	10*180	-9.0417	5.754769	0.118539	-20.4252	2.3418
{8}-{9}	0.1*180	1*30	1.4417	5.754769	0.802577	-9.9418	12.8252
{8}-{10}	0.1*180	1*60	-3.3250	5.754769	0.564396	-14.7085	8.0585
{8}-{11}	0.1*180	1*120	-3.8583	5.754769	0.503737	-15.2418	7.5252
{8}-{12}	0.1*180	1*180	-4.3250	4.896920	0.378729	-14.0116	5.3616
{8}-{13}	0.1*180	5*30	-3.1500	5.754769	0.585047	-14.5335	8.2335
{8}-{14}	0.1*180	5*60	0.1250	5.754769	0.982703	-11.2585	11.5085
{8}-{15}	0.1*180	5*120	-12.6750	5.754769	0.029364	-24.0585	-1.2915
{8}-{16}	0.1*180	5*180	-7.5083	4.896920	0.127601	-17.1949	2.1783
{8}-{17}	0.1*180	10*30	-0.3167	5.754769	0.956200	-11.7002	11.0668
{8}-{18}	0.1*180	10*60	-0.9333	5.754769	0.871409	-12.3168	10.4502
{8}-{19}	0.1*180	10*120	-14.7167	5.754769	0.011679	-26.1002	-3.3332
{8}-{20}	0.1*180	10*180	-6.0833	4.896920	0.216337	-15.7699	3.6033
{9}-{10}	1*30	1*60	-4.7667	5.437285	0.382262	-15.5222	5.9888
{9}-{11}	1*30	1*120	-5.3000	5.437285	0.331467	-16.0555	5.4555
{9}-{12}	1*30	1*180	-5.7667	5.437285	0.290818	-16.5222	4.9888
{9}-{13}	1*30	5*30	-4.5917	4.896920	0.350129	-14.2783	5.0949
{9}-{14}	1*30	5*60	-1.3167	5.754769	0.819382	-12.7002	10.0668
{9}-{15}	1*30	5*120	-14.1167	5.754769	0.015470	-25.5002	-2.7332
{9}-{16}	1*30	5*180	-8.9500	5.754769	0.122285	-20.3335	2.4335
{9}-{17}	1*30	10*30	-1.7583	4.896920	0.720117	-11.4449	7.9283
{9}-{18}	1*30	10*60	-2.3750	5.754769	0.680495	-13.7585	9.0085
{9}-{19}	1*30	10*120	-16.1583	5.754769	0.005745	-27.5418	-4.7748
{9}-{20}	1*30	10*180	-7.5250	5.754769	0.193278	-18.9085	3.8585

{10}-{11}	1*60	1*120	-0.5333	5.437285	0.922011	-11.2888	10.2222
{10}-{12}	1*60	1*180	-1.0000	5.437285	0.854362	-11.7555	9.7555
{10}-{13}	1*60	5*30	0.1750	5.754769	0.975786	-11.2085	11.5585
{10}-{14}	1*60	5*60	3.4500	4.896920	0.482347	-6.2366	13.1366
{10}-{15}	1*60	5*120	-9.3500	5.754769	0.106604	-20.7335	2.0335
{10}-{16}	1*60	5*180	-4.1833	5.754769	0.468554	-15.5668	7.2002
{10}-{17}	1*60	10*30	3.0083	5.754769	0.602021	-8.3752	14.3918
{10}-{18}	1*60	10*60	2.3917	4.896920	0.626075	-7.2949	12.0783
{10}-{19}	1*60	10*120	-11.3917	5.754769	0.049838	-22.7752	-0.0082
{10}-{20}	1*60	10*180	-2.7583	5.754769	0.632509	-14.1418	8.6252
{11}-{12}	1*120	1*180	-0.4667	5.437285	0.931734	-11.2222	10.2888
{11}-{13}	1*120	5*30	0.7083	5.754769	0.902226	-10.6752	12.0918
{11}-{14}	1*120	5*60	3.9833	5.754769	0.490040	-7.4002	15.3668
{11}-{15}	1*120	5*120	-8.8167	4.896920	0.074073	-18.5033	0.8699
{11}-{16}	1*120	5*180	-3.6500	5.754769	0.527011	-15.0335	7.7335
{11}-{17}	1*120	10*30	3.5417	5.754769	0.539329	-7.8418	14.9252
{11}-{18}	1*120	10*60	2.9250	5.754769	0.612110	-8.4585	14.3085
{11}-{19}	1*120	10*120	-10.8583	4.896920	0.028308	-20.5449	-1.1717
{11}-{20}	1*120	10*180	-2.2250	5.754769	0.699648	-13.6085	9.1585
{12}-{13}	1*180	5*30	1.1750	5.754769	0.838528	-10.2085	12.5585
{12}-{14}	1*180	5*60	4.4500	5.754769	0.440744	-6.9335	15.8335
{12}-{15}	1*180	5*120	-8.3500	5.754769	0.149160	-19.7335	3.0335
{12}-{16}	1*180	5*180	-3.1833	4.896920	0.516778	-12.8699	6.5033
{12}-{17}	1*180	10*30	4.0083	5.754769	0.487326	-7.3752	15.3918
{12}-{18}	1*180	10*60	3.3917	5.754769	0.556623	-7.9918	14.7752
{12}-{19}	1*180	10*120	-10.3917	5.754769	0.073236	-21.7752	0.9918

{12}-{20}	1*180	10*180	-1.7583	4.896920	0.720117	-11.4449	7.9283
{13}-{14}	5*30	5*60	3.2750	5.437285	0.547993	-7.4805	14.0305
{13}-{15}	5*30	5*120	-9.5250	5.437285	0.082132	-20.2805	1.2305
{13}-{16}	5*30	5*180	-4.3583	5.437285	0.424246	-15.1138	6.3972
{13}-{17}	5*30	10*30	2.8333	4.896920	0.563848	-6.8533	12.5199
{13}-{18}	5*30	10*60	2.2167	5.754769	0.700718	-9.1668	13.6002
{13}-{19}	5*30	10*120	-11.5667	5.754769	0.046477	-22.9502	-0.1832
{13}-{20}	5*30	10*180	-2.9333	5.754769	0.611097	-14.3168	8.4502
{14}-{15}	5*60	5*120	-12.8000	5.437285	0.020042	-23.5555	-2.0445
{14}-{16}	5*60	5*180	-7.6333	5.437285	0.162701	-18.3888	3.1222
{14}-{17}	5*60	10*30	-0.4417	5.754769	0.938940	-11.8252	10.9418
{14}-{18}	5*60	10*60	-1.0583	4.896920	0.829226	-10.7449	8.6283
{14}-{19}	5*60	10*120	-14.8417	5.754769	0.011003	-26.2252	-3.4582
{14}-{20}	5*60	10*180	-6.2083	5.754769	0.282637	-17.5918	5.1752
{15}-{16}	5*120	5*180	5.1667	5.437285	0.343732	-5.5888	15.9222
{15}-{17}	5*120	10*30	12.3583	5.754769	0.033581	0.9748	23.7418
{15}-{18}	5*120	10*60	11.7417	5.754769	0.043311	0.3582	23.1252
{15}-{19}	5*120	10*120	-2.0417	4.896920	0.677408	-11.7283	7.6449
{15}-{20}	5*120	10*180	6.5917	5.754769	0.254105	-4.7918	17.9752
{16}-{17}	5*180	10*30	7.1917	5.754769	0.213625	-4.1918	18.5752
{16}-{18}	5*180	10*60	6.5750	5.754769	0.255302	-4.8085	17.9585
{16}-{19}	5*180	10*120	-7.2083	5.754769	0.212572	-18.5918	4.1752
{16}-{20}	5*180	10*180	1.4250	4.896920	0.771509	-8.2616	11.1116
{17}-{18}	10*30	10*60	-0.6167	5.437285	0.909874	-11.3722	10.1388
{17}-{19}	10*30	10*120	-14.4000	5.437285	0.009074	-25.1555	-3.6445
{17}-{20}	10*30	10*180	-5.7667	5.437285	0.290818	-16.5222	4.9888

{18}-{19}	10*60	10*120	-13.7833	5.437285	0.012413	-24.5388	-3.0278
{18}-{20}	10*60	10*180	-5.1500	5.437285	0.345286	-15.9055	5.6055
{19}-{20}	10*120	10*180	8.6333	5.437285	0.114724	-2.1222	19.3888

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 12.042	{2} - 10.558	{3} - 11.558	{4} - 11.550	{5} - 12.542	{6} - 12.583	{7} - 11.892	{8} - 12.367	{9} - 13.375	{10} - 12.025	{11} - 11.900	{12} - 11.350	{13} - 11.792	{14} - 12.983	{15} - 10.175	{16} - 10.875	{17} - 12.900	{18} - 10.925	{19} - 9.5250	{20} - 12.892
1	C	30		0.136281	0.626068	0.620132	0.557038	0.585056	0.879752	0.743118	0.118812	0.986588	0.886386	0.485822	0.768935	0.343057	0.061453	0.240547	0.314018	0.261196	0.012141	0.391934
2	C	60	0.136281		0.314100	0.318134	0.047097	0.018529	0.180177	0.069907	0.005131	0.086509	0.177488	0.425156	0.214863	0.004994	0.699112	0.749478	0.019422	0.666630	0.298304	0.019849
3	C	120	0.626068	0.314100		0.993294	0.322202	0.302202	0.695324	0.415498	0.068644	0.638011	0.688107	0.833584	0.813964	0.152241	0.105726	0.491083	0.177488	0.523289	0.018061	0.180177
4	C	180	0.620132	0.318134	0.993294		0.318134	0.298304	0.730450	0.338000	0.067399	0.632027	0.724144	0.814187	0.807450	0.149877	0.167035	0.428153	0.174830	0.528761	0.042714	0.116546
5	0.1	30	0.557038	0.047097	0.322202	0.318134		0.966479	0.512433	0.859906	0.328268	0.602478	0.517846	0.230670	0.378778	0.656106	0.018188	0.094509	0.673759	0.104714	0.002780	0.724144
6	0.1	60	0.585056	0.018529	0.302202	0.298304	0.966479		0.485822	0.827032	0.425156	0.512047	0.491083	0.214863	0.425156	0.638421	0.016286	0.086635	0.749478	0.052974	0.002438	0.755856
7	0.1	120	0.879752	0.180177	0.695324	0.730450	0.512433	0.485822		0.632027	0.136281	0.893027	0.992186	0.585056	0.919663	0.271973	0.045264	0.306134	0.310100	0.330442	0.006110	0.314100
8	0.1	180	0.743118	0.069907	0.415498	0.338000	0.859906	0.827032	0.632027		0.310100	0.730450	0.638011	0.233407	0.562202	0.534262	0.028496	0.081335	0.590837	0.147541	0.004760	0.537520
9	1	30	0.118812	0.005131	0.068644	0.067399	0.328268	0.425156	0.136281	0.310100		0.174830	0.138478	0.042714	0.064492	0.692904	0.001544	0.012709	0.576899	0.014562	0.000158	0.626068
10	1	60	0.986588	0.086509	0.638011	0.632027	0.602478	0.512047	0.893027	0.730450	0.174830		0.899676	0.496374	0.813964	0.261185	0.063777	0.247297	0.378198	0.197498	0.012709	0.382743
11	1	120	0.886386	0.177488	0.688107	0.724144	0.517846	0.491083	0.992186	0.638011	0.138478	0.899676		0.579302	0.912994	0.275633	0.044245	0.302202	0.314100	0.326305	0.005938	0.318134
12	1	180	0.485822	0.425156	0.833584	0.814187	0.230670	0.214863	0.585056	0.233407	0.042714	0.496374	0.579302		0.656106	0.101218	0.237222	0.576899	0.119675	0.668284	0.067399	0.071748
13	5	30	0.768935	0.214863	0.813964	0.807450	0.378778	0.425156	0.919663	0.562202	0.064492	0.813964	0.912994	0.656106		0.230670	0.104714	0.355980	0.194145	0.382743	0.023578	0.268347
14	5	60	0.343057	0.004994	0.152241	0.149877	0.656106	0.638421	0.271973	0.534262	0.692904	0.261185	0.275633	0.101218	0.230670		0.005260	0.034986	0.933018	0.016720	0.000647	0.926338
15	5	120	0.061453	0.699112	0.105726	0.167035	0.018188	0.016286	0.045264	0.028496	0.001544	0.063777	0.044245	0.237222	0.104714	0.005260		0.480592	0.006725	0.449872	0.445418	0.006890
16	5	180	0.240547	0.749478	0.491083	0.428153	0.094509	0.086635	0.306134	0.081335	0.012709	0.247297	0.302202	0.576899	0.355980	0.034986	0.480592		0.042714	0.959780	0.174830	0.019007
17	10	30	0.314018	0.019422	0.177488	0.174830	0.673759	0.749478	0.310100	0.590837	0.576899	0.378198	0.314100	0.119675	0.194145	0.933018	0.006725	0.042714		0.048018	0.000861	0.993294

18	10	60	0.261196	0.666630	0.523289	0.528761	0.104714	0.052974	0.330442	0.147541	0.014562	0.197498	0.326305	0.668284	0.382743	0.016720	0.449872	0.959780	0.048018	0.159507	0.048955
19	10	120	0.012141	0.298304	0.018061	0.042714	0.002780	0.002438	0.006110	0.004760	0.000158	0.012709	0.005938	0.067399	0.023578	0.000647	0.445418	0.174830	0.000861	0.159507	0.000886
20	10	180	0.391934	0.019849	0.180177	0.116546	0.724144	0.755856	0.314100	0.537520	0.626068	0.382743	0.318134	0.071748	0.268347	0.926338	0.006890	0.019007	0.993294	0.048955	0.000886

**LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	1.48333	0.989599	0.136281	-0.47419	3.44086
{1}-{3}	C*30	C*120	0.48333	0.989599	0.626068	-1.47419	2.44086
{1}-{4}	C*30	C*180	0.49167	0.989599	0.620132	-1.46586	2.44919
{1}-{5}	C*30	0.1*30	-0.50000	0.849263	0.557038	-2.17993	1.17993
{1}-{6}	C*30	0.1*60	-0.54167	0.989599	0.585056	-2.49919	1.41586
{1}-{7}	C*30	0.1*120	0.15000	0.989599	0.879752	-1.80752	2.10752
{1}-{8}	C*30	0.1*180	-0.32500	0.989599	0.743118	-2.28252	1.63252
{1}-{9}	C*30	1*30	-1.33333	0.849263	0.118812	-3.01326	0.34659
{1}-{10}	C*30	1*60	0.01667	0.989599	0.986588	-1.94086	1.97419
{1}-{11}	C*30	1*120	0.14167	0.989599	0.886386	-1.81586	2.09919
{1}-{12}	C*30	1*180	0.69167	0.989599	0.485822	-1.26586	2.64919
{1}-{13}	C*30	5*30	0.25000	0.849263	0.768935	-1.42993	1.92993
{1}-{14}	C*30	5*60	-0.94167	0.989599	0.343057	-2.89919	1.01586
{1}-{15}	C*30	5*120	1.86667	0.989599	0.061453	-0.09086	3.82419
{1}-{16}	C*30	5*180	1.16667	0.989599	0.240547	-0.79086	3.12419
{1}-{17}	C*30	10*30	-0.85833	0.849263	0.314018	-2.53826	0.82159



{1}-{18}	C*30	10*60	1.11667	0.989599	0.261196	-0.84086	3.07419
{1}-{19}	C*30	10*120	2.51667	0.989599	0.012141	0.55914	4.47419
{1}-{20}	C*30	10*180	-0.85000	0.989599	0.391934	-2.80752	1.10752
{2}-{3}	C*60	C*120	-1.00000	0.989599	0.314100	-2.95752	0.95752
{2}-{4}	C*60	C*180	-0.99167	0.989599	0.318134	-2.94919	0.96586
{2}-{5}	C*60	0.1*30	-1.98333	0.989599	0.047097	-3.94086	-0.02581
{2}-{6}	C*60	0.1*60	-2.02500	0.849263	0.018529	-3.70493	-0.34507
{2}-{7}	C*60	0.1*120	-1.33333	0.989599	0.180177	-3.29086	0.62419
{2}-{8}	C*60	0.1*180	-1.80833	0.989599	0.069907	-3.76586	0.14919
{2}-{9}	C*60	1*30	-2.81667	0.989599	0.005131	-4.77419	-0.85914
{2}-{10}	C*60	1*60	-1.46667	0.849263	0.086509	-3.14659	0.21326
{2}-{11}	C*60	1*120	-1.34167	0.989599	0.177488	-3.29919	0.61586
{2}-{12}	C*60	1*180	-0.79167	0.989599	0.425156	-2.74919	1.16586
{2}-{13}	C*60	5*30	-1.23333	0.989599	0.214863	-3.19086	0.72419
{2}-{14}	C*60	5*60	-2.42500	0.849263	0.004994	-4.10493	-0.74507
{2}-{15}	C*60	5*120	0.38333	0.989599	0.699112	-1.57419	2.34086
{2}-{16}	C*60	5*180	-0.31667	0.989599	0.749478	-2.27419	1.64086
{2}-{17}	C*60	10*30	-2.34167	0.989599	0.019422	-4.29919	-0.38414
{2}-{18}	C*60	10*60	-0.36667	0.849263	0.666630	-2.04659	1.31326
{2}-{19}	C*60	10*120	1.03333	0.989599	0.298304	-0.92419	2.99086
{2}-{20}	C*60	10*180	-2.33333	0.989599	0.019849	-4.29086	-0.37581
{3}-{4}	C*120	C*180	0.00833	0.989599	0.993294	-1.94919	1.96586
{3}-{5}	C*120	0.1*30	-0.98333	0.989599	0.322202	-2.94086	0.97419
{3}-{6}	C*120	0.1*60	-1.02500	0.989599	0.302202	-2.98252	0.93252
{3}-{7}	C*120	0.1*120	-0.33333	0.849263	0.695324	-2.01326	1.34659
{3}-{8}	C*120	0.1*180	-0.80833	0.989599	0.415498	-2.76586	1.14919

{3}-{9}	C*120	1*30	-1.81667	0.989599	0.068644	-3.77419	0.14086
{3}-{10}	C*120	1*60	-0.46667	0.989599	0.638011	-2.42419	1.49086
{3}-{11}	C*120	1*120	-0.34167	0.849263	0.688107	-2.02159	1.33826
{3}-{12}	C*120	1*180	0.20833	0.989599	0.833584	-1.74919	2.16586
{3}-{13}	C*120	5*30	-0.23333	0.989599	0.813964	-2.19086	1.72419
{3}-{14}	C*120	5*60	-1.42500	0.989599	0.152241	-3.38252	0.53252
{3}-{15}	C*120	5*120	1.38333	0.849263	0.105726	-0.29659	3.06326
{3}-{16}	C*120	5*180	0.68333	0.989599	0.491083	-1.27419	2.64086
{3}-{17}	C*120	10*30	-1.34167	0.989599	0.177488	-3.29919	0.61586
{3}-{18}	C*120	10*60	0.63333	0.989599	0.523289	-1.32419	2.59086
{3}-{19}	C*120	10*120	2.03333	0.849263	0.018061	0.35341	3.71326
{3}-{20}	C*120	10*180	-1.33333	0.989599	0.180177	-3.29086	0.62419
{4}-{5}	C*180	0.1*30	-0.99167	0.989599	0.318134	-2.94919	0.96586
{4}-{6}	C*180	0.1*60	-1.03333	0.989599	0.298304	-2.99086	0.92419
{4}-{7}	C*180	0.1*120	-0.34167	0.989599	0.730450	-2.29919	1.61586
{4}-{8}	C*180	0.1*180	-0.81667	0.849263	0.338000	-2.49659	0.86326
{4}-{9}	C*180	1*30	-1.82500	0.989599	0.067399	-3.78252	0.13252
{4}-{10}	C*180	1*60	-0.47500	0.989599	0.632027	-2.43252	1.48252
{4}-{11}	C*180	1*120	-0.35000	0.989599	0.724144	-2.30752	1.60752
{4}-{12}	C*180	1*180	0.20000	0.849263	0.814187	-1.47993	1.87993
{4}-{13}	C*180	5*30	-0.24167	0.989599	0.807450	-2.19919	1.71586
{4}-{14}	C*180	5*60	-1.43333	0.989599	0.149877	-3.39086	0.52419
{4}-{15}	C*180	5*120	1.37500	0.989599	0.167035	-0.58252	3.33252
{4}-{16}	C*180	5*180	0.67500	0.849263	0.428153	-1.00493	2.35493
{4}-{17}	C*180	10*30	-1.35000	0.989599	0.174830	-3.30752	0.60752
{4}-{18}	C*180	10*60	0.62500	0.989599	0.528761	-1.33252	2.58252

{4}-{19}	C*180	10*120	2.02500	0.989599	0.042714	0.06748	3.98252
{4}-{20}	C*180	10*180	-1.34167	0.849263	0.116546	-3.02159	0.33826
{5}-{6}	0.1*30	0.1*60	-0.04167	0.989599	0.966479	-1.99919	1.91586
{5}-{7}	0.1*30	0.1*120	0.65000	0.989599	0.512433	-1.30752	2.60752
{5}-{8}	0.1*30	0.1*180	0.17500	0.989599	0.859906	-1.78252	2.13252
{5}-{9}	0.1*30	1*30	-0.83333	0.849263	0.328268	-2.51326	0.84659
{5}-{10}	0.1*30	1*60	0.51667	0.989599	0.602478	-1.44086	2.47419
{5}-{11}	0.1*30	1*120	0.64167	0.989599	0.517846	-1.31586	2.59919
{5}-{12}	0.1*30	1*180	1.19167	0.989599	0.230670	-0.76586	3.14919
{5}-{13}	0.1*30	5*30	0.75000	0.849263	0.378778	-0.92993	2.42993
{5}-{14}	0.1*30	5*60	-0.44167	0.989599	0.656106	-2.39919	1.51586
{5}-{15}	0.1*30	5*120	2.36667	0.989599	0.018188	0.40914	4.32419
{5}-{16}	0.1*30	5*180	1.66667	0.989599	0.094509	-0.29086	3.62419
{5}-{17}	0.1*30	10*30	-0.35833	0.849263	0.673759	-2.03826	1.32159
{5}-{18}	0.1*30	10*60	1.61667	0.989599	0.104714	-0.34086	3.57419
{5}-{19}	0.1*30	10*120	3.01667	0.989599	0.002780	1.05914	4.97419
{5}-{20}	0.1*30	10*180	-0.35000	0.989599	0.724144	-2.30752	1.60752
{6}-{7}	0.1*60	0.1*120	0.69167	0.989599	0.485822	-1.26586	2.64919
{6}-{8}	0.1*60	0.1*180	0.21667	0.989599	0.827032	-1.74086	2.17419
{6}-{9}	0.1*60	1*30	-0.79167	0.989599	0.425156	-2.74919	1.16586
{6}-{10}	0.1*60	1*60	0.55833	0.849263	0.512047	-1.12159	2.23826
{6}-{11}	0.1*60	1*120	0.68333	0.989599	0.491083	-1.27419	2.64086
{6}-{12}	0.1*60	1*180	1.23333	0.989599	0.214863	-0.72419	3.19086
{6}-{13}	0.1*60	5*30	0.79167	0.989599	0.425156	-1.16586	2.74919
{6}-{14}	0.1*60	5*60	-0.40000	0.849263	0.638421	-2.07993	1.27993
{6}-{15}	0.1*60	5*120	2.40833	0.989599	0.016286	0.45081	4.36586

{6}-{16}	0.1*60	5*180	1.70833	0.989599	0.086635	-0.24919	3.66586
{6}-{17}	0.1*60	10*30	-0.31667	0.989599	0.749478	-2.27419	1.64086
{6}-{18}	0.1*60	10*60	1.65833	0.849263	0.052974	-0.02159	3.33826
{6}-{19}	0.1*60	10*120	3.05833	0.989599	0.002438	1.10081	5.01586
{6}-{20}	0.1*60	10*180	-0.30833	0.989599	0.755856	-2.26586	1.64919
{7}-{8}	0.1*120	0.1*180	-0.47500	0.989599	0.632027	-2.43252	1.48252
{7}-{9}	0.1*120	1*30	-1.48333	0.989599	0.136281	-3.44086	0.47419
{7}-{10}	0.1*120	1*60	-0.13333	0.989599	0.893027	-2.09086	1.82419
{7}-{11}	0.1*120	1*120	-0.00833	0.849263	0.992186	-1.68826	1.67159
{7}-{12}	0.1*120	1*180	0.54167	0.989599	0.585056	-1.41586	2.49919
{7}-{13}	0.1*120	5*30	0.10000	0.989599	0.919663	-1.85752	2.05752
{7}-{14}	0.1*120	5*60	-1.09167	0.989599	0.271973	-3.04919	0.86586
{7}-{15}	0.1*120	5*120	1.71667	0.849263	0.045264	0.03674	3.39659
{7}-{16}	0.1*120	5*180	1.01667	0.989599	0.306134	-0.94086	2.97419
{7}-{17}	0.1*120	10*30	-1.00833	0.989599	0.310100	-2.96586	0.94919
{7}-{18}	0.1*120	10*60	0.96667	0.989599	0.330442	-0.99086	2.92419
{7}-{19}	0.1*120	10*120	2.36667	0.849263	0.006110	0.68674	4.04659
{7}-{20}	0.1*120	10*180	-1.00000	0.989599	0.314100	-2.95752	0.95752
{8}-{9}	0.1*180	1*30	-1.00833	0.989599	0.310100	-2.96586	0.94919
{8}-{10}	0.1*180	1*60	0.34167	0.989599	0.730450	-1.61586	2.29919
{8}-{11}	0.1*180	1*120	0.46667	0.989599	0.638011	-1.49086	2.42419
{8}-{12}	0.1*180	1*180	1.01667	0.849263	0.233407	-0.66326	2.69659
{8}-{13}	0.1*180	5*30	0.57500	0.989599	0.562202	-1.38252	2.53252
{8}-{14}	0.1*180	5*60	-0.61667	0.989599	0.534262	-2.57419	1.34086
{8}-{15}	0.1*180	5*120	2.19167	0.989599	0.028496	0.23414	4.14919
{8}-{16}	0.1*180	5*180	1.49167	0.849263	0.081335	-0.18826	3.17159

{8}-{17}	0.1*180	10*30	-0.53333	0.989599	0.590837	-2.49086	1.42419
{8}-{18}	0.1*180	10*60	1.44167	0.989599	0.147541	-0.51586	3.39919
{8}-{19}	0.1*180	10*120	2.84167	0.989599	0.004760	0.88414	4.79919
{8}-{20}	0.1*180	10*180	-0.52500	0.849263	0.537520	-2.20493	1.15493
{9}-{10}	1*30	1*60	1.35000	0.989599	0.174830	-0.60752	3.30752
{9}-{11}	1*30	1*120	1.47500	0.989599	0.138478	-0.48252	3.43252
{9}-{12}	1*30	1*180	2.02500	0.989599	0.042714	0.06748	3.98252
{9}-{13}	1*30	5*30	1.58333	0.849263	0.064492	-0.09659	3.26326
{9}-{14}	1*30	5*60	0.39167	0.989599	0.692904	-1.56586	2.34919
{9}-{15}	1*30	5*120	3.20000	0.989599	0.001544	1.24248	5.15752
{9}-{16}	1*30	5*180	2.50000	0.989599	0.012709	0.54248	4.45752
{9}-{17}	1*30	10*30	0.47500	0.849263	0.576899	-1.20493	2.15493
{9}-{18}	1*30	10*60	2.45000	0.989599	0.014562	0.49248	4.40752
{9}-{19}	1*30	10*120	3.85000	0.989599	0.000158	1.89248	5.80752
{9}-{20}	1*30	10*180	0.48333	0.989599	0.626068	-1.47419	2.44086
{10}-{11}	1*60	1*120	0.12500	0.989599	0.899676	-1.83252	2.08252
{10}-{12}	1*60	1*180	0.67500	0.989599	0.496374	-1.28252	2.63252
{10}-{13}	1*60	5*30	0.23333	0.989599	0.813964	-1.72419	2.19086
{10}-{14}	1*60	5*60	-0.95833	0.849263	0.261185	-2.63826	0.72159
{10}-{15}	1*60	5*120	1.85000	0.989599	0.063777	-0.10752	3.80752
{10}-{16}	1*60	5*180	1.15000	0.989599	0.247297	-0.80752	3.10752
{10}-{17}	1*60	10*30	-0.87500	0.989599	0.378198	-2.83252	1.08252
{10}-{18}	1*60	10*60	1.10000	0.849263	0.197498	-0.57993	2.77993
{10}-{19}	1*60	10*120	2.50000	0.989599	0.012709	0.54248	4.45752
{10}-{20}	1*60	10*180	-0.86667	0.989599	0.382743	-2.82419	1.09086
{11}-{12}	1*120	1*180	0.55000	0.989599	0.579302	-1.40752	2.50752

{11}-{13}	1*120	5*30	0.10833	0.989599	0.912994	-1.84919	2.06586
{11}-{14}	1*120	5*60	-1.08333	0.989599	0.275633	-3.04086	0.87419
{11}-{15}	1*120	5*120	1.72500	0.849263	0.044245	0.04507	3.40493
{11}-{16}	1*120	5*180	1.02500	0.989599	0.302202	-0.93252	2.98252
{11}-{17}	1*120	10*30	-1.00000	0.989599	0.314100	-2.95752	0.95752
{11}-{18}	1*120	10*60	0.97500	0.989599	0.326305	-0.98252	2.93252
{11}-{19}	1*120	10*120	2.37500	0.849263	0.005938	0.69507	4.05493
{11}-{20}	1*120	10*180	-0.99167	0.989599	0.318134	-2.94919	0.96586
{12}-{13}	1*180	5*30	-0.44167	0.989599	0.656106	-2.39919	1.51586
{12}-{14}	1*180	5*60	-1.63333	0.989599	0.101218	-3.59086	0.32419
{12}-{15}	1*180	5*120	1.17500	0.989599	0.237222	-0.78252	3.13252
{12}-{16}	1*180	5*180	0.47500	0.849263	0.576899	-1.20493	2.15493
{12}-{17}	1*180	10*30	-1.55000	0.989599	0.119675	-3.50752	0.40752
{12}-{18}	1*180	10*60	0.42500	0.989599	0.668284	-1.53252	2.38252
{12}-{19}	1*180	10*120	1.82500	0.989599	0.067399	-0.13252	3.78252
{12}-{20}	1*180	10*180	-1.54167	0.849263	0.071748	-3.22159	0.13826
{13}-{14}	5*30	5*60	-1.19167	0.989599	0.230670	-3.14919	0.76586
{13}-{15}	5*30	5*120	1.61667	0.989599	0.104714	-0.34086	3.57419
{13}-{16}	5*30	5*180	0.91667	0.989599	0.355980	-1.04086	2.87419
{13}-{17}	5*30	10*30	-1.10833	0.849263	0.194145	-2.78826	0.57159
{13}-{18}	5*30	10*60	0.86667	0.989599	0.382743	-1.09086	2.82419
{13}-{19}	5*30	10*120	2.26667	0.989599	0.023578	0.30914	4.22419
{13}-{20}	5*30	10*180	-1.10000	0.989599	0.268347	-3.05752	0.85752
{14}-{15}	5*60	5*120	2.80833	0.989599	0.005260	0.85081	4.76586
{14}-{16}	5*60	5*180	2.10833	0.989599	0.034986	0.15081	4.06586
{14}-{17}	5*60	10*30	0.08333	0.989599	0.933018	-1.87419	2.04086

{14}-{18}	5*60	10*60	2.05833	0.849263	0.016720	0.37841	3.73826
{14}-{19}	5*60	10*120	3.45833	0.989599	0.000647	1.50081	5.41586
{14}-{20}	5*60	10*180	0.09167	0.989599	0.926338	-1.86586	2.04919
{15}-{16}	5*120	5*180	-0.70000	0.989599	0.480592	-2.65752	1.25752
{15}-{17}	5*120	10*30	-2.72500	0.989599	0.006725	-4.68252	-0.76748
{15}-{18}	5*120	10*60	-0.75000	0.989599	0.449872	-2.70752	1.20752
{15}-{19}	5*120	10*120	0.65000	0.849263	0.445418	-1.02993	2.32993
{15}-{20}	5*120	10*180	-2.71667	0.989599	0.006890	-4.67419	-0.75914
{16}-{17}	5*180	10*30	-2.02500	0.989599	0.042714	-3.98252	-0.06748
{16}-{18}	5*180	10*60	-0.05000	0.989599	0.959780	-2.00752	1.90752
{16}-{19}	5*180	10*120	1.35000	0.989599	0.174830	-0.60752	3.30752
{16}-{20}	5*180	10*180	-2.01667	0.849263	0.019007	-3.69659	-0.33674
{17}-{18}	10*30	10*60	1.97500	0.989599	0.048018	0.01748	3.93252
{17}-{19}	10*30	10*120	3.37500	0.989599	0.000861	1.41748	5.33252
{17}-{20}	10*30	10*180	0.00833	0.989599	0.993294	-1.94919	1.96586
{18}-{19}	10*60	10*120	1.40000	0.989599	0.159507	-0.55752	3.35752
{18}-{20}	10*60	10*180	-1.96667	0.989599	0.048955	-3.92419	-0.00914
{19}-{20}	10*120	10*180	-3.36667	0.989599	0.000886	-5.32419	-1.40914

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 10.217	{2} - 9.7250	{3} - 11.458	{4} - 11.792	{5} - 10.325	{6} - 9.5333	{7} - 9.6083	{8} - 11.075	{9} - 10.283	{10} - 9.5167	{11} - 9.7667	{12} - 8.6333	{13} - 9.2583	{14} - 10.767	{15} - 7.2000	{16} - 10.175	{17} - 11.383	{18} - 12.942	{19} - 9.0750	{20} - 9.1750
1	C	30		0.748690	0.418966	0.305639	0.934014	0.656193	0.691850	0.576119	0.959364	0.648372	0.769349	0.303097	0.464362	0.720074	0.050960	0.978336	0.373300	0.077491	0.457319	0.497592
2	C	60	0.748690		0.259774	0.179504	0.695857	0.883543	0.939393	0.379654	0.716017	0.873499	0.978336	0.477221	0.761064	0.426520	0.101584	0.769349	0.280862	0.015063	0.671949	0.720074

3	C	120	0.418966	0.259774		0.828036	0.460603	0.210994	0.158960	0.802744	0.444318	0.207092	0.197462	0.067337	0.153224	0.652278	0.001414	0.403567	0.961016	0.334540	0.070266	0.138369
4	C	180	0.305639	0.179504	0.828036		0.339980	0.142703	0.156338	0.584092	0.326486	0.139802	0.188375	0.016953	0.100471	0.504485	0.003247	0.217944	0.790175	0.454049	0.078391	0.047156
5	0.1	30	0.934014	0.695857	0.460603	0.339980		0.606074	0.640590	0.625146	0.974596	0.598519	0.716017	0.271348	0.415532	0.773501	0.043295	0.922126	0.419175	0.089881	0.415858	0.454049
6	0.1	60	0.656193	0.883543	0.210994	0.142703	0.606074		0.961016	0.315948	0.625146	0.989837	0.879138	0.557764	0.857771	0.346696	0.130009	0.675911	0.229218	0.010105	0.765203	0.815366
7	0.1	120	0.691850	0.939393	0.158960	0.156338	0.640590	0.961016		0.339980	0.660118	0.952362	0.903686	0.525466	0.819584	0.450792	0.067409	0.711969	0.248549	0.031295	0.683653	0.777660
8	0.1	180	0.576119	0.379654	0.802744	0.584092	0.625146	0.315948	0.339980		0.606074	0.310765	0.394495	0.063750	0.237672	0.840752	0.012574	0.491939	0.840752	0.225074	0.193853	0.148079
9	1	30	0.959364	0.716017	0.444318	0.326486	0.974596	0.625146	0.660118	0.606074		0.617486	0.736380	0.283276	0.433939	0.752808	0.046118	0.943714	0.401147	0.084937	0.431533	0.470534
10	1	60	0.648372	0.873499	0.207092	0.139802	0.598519	0.989837	0.952362	0.310765	0.617486		0.870580	0.565071	0.866306	0.340240	0.132750	0.667996	0.225074	0.009752	0.773501	0.823807
11	1	120	0.769349	0.978336	0.197462	0.188375	0.716017	0.879138	0.903686	0.394495	0.736380	0.870580		0.460603	0.740476	0.514920	0.051473	0.790175	0.293073	0.040104	0.597262	0.699872
12	1	180	0.303097	0.477221	0.067337	0.016953	0.271348	0.557764	0.525466	0.063750	0.283276	0.565071	0.460603		0.683863	0.165969	0.351031	0.239929	0.074841	0.005656	0.773501	0.678987
13	5	30	0.464362	0.761064	0.153224	0.100471	0.415532	0.857771	0.819584	0.237672	0.433939	0.866306	0.740476	0.683863		0.326486	0.181253	0.550503	0.106088	0.017557	0.904896	0.956688
14	5	60	0.720074	0.426520	0.652278	0.504485	0.773501	0.346696	0.450792	0.840752	0.752808	0.340240	0.514920	0.165969	0.326486		0.021384	0.699872	0.687852	0.098196	0.271348	0.300570
15	5	120	0.050960	0.101584	0.001414	0.003247	0.043295	0.130009	0.067409	0.012574	0.046118	0.132750	0.051473	0.351031	0.181253	0.021384		0.054200	0.007167	0.000265	0.153445	0.199448
16	5	180	0.978336	0.769349	0.403567	0.217944	0.922126	0.675911	0.711969	0.491939	0.943714	0.667996	0.790175	0.239929	0.550503	0.699872	0.054200		0.431533	0.073116	0.473871	0.445209
17	10	30	0.373300	0.280862	0.961016	0.790175	0.419175	0.229218	0.248549	0.840752	0.401147	0.225074	0.293073	0.074841	0.106088	0.687852	0.007167	0.431533		0.310765	0.134138	0.151686
18	10	60	0.077491	0.015063	0.334540	0.454049	0.089881	0.010105	0.031295	0.225074	0.084937	0.009752	0.040104	0.005656	0.017557	0.098196	0.000265	0.073116	0.310765		0.012761	0.015208
19	10	120	0.457319	0.671949	0.070266	0.078391	0.415858	0.765203	0.683653	0.193853	0.431533	0.773501	0.597262	0.773501	0.904896	0.271348	0.153445	0.473871	0.134138	0.012761		0.948037
20	10	180	0.497592	0.720074	0.138369	0.047156	0.454049	0.815366	0.777660	0.148079	0.470534	0.823807	0.699872	0.678987	0.956688	0.300570	0.199448	0.445209	0.151686	0.015208	0.948037	

**LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	0.49167	1.531494	0.748690	-2.53778	3.52111



{1}-{3}	C*30	C*120	-1.24167	1.531494	0.418966	-4.27111	1.78778
{1}-{4}	C*30	C*180	-1.57500	1.531494	0.305639	-4.60445	1.45445
{1}-{5}	C*30	0.1*30	-0.10833	1.305957	0.934014	-2.69165	2.47498
{1}-{6}	C*30	0.1*60	0.68333	1.531494	0.656193	-2.34611	3.71278
{1}-{7}	C*30	0.1*120	0.60833	1.531494	0.691850	-2.42111	3.63778
{1}-{8}	C*30	0.1*180	-0.85833	1.531494	0.576119	-3.88778	2.17111
{1}-{9}	C*30	1*30	-0.06667	1.305957	0.959364	-2.64998	2.51665
{1}-{10}	C*30	1*60	0.70000	1.531494	0.648372	-2.32945	3.72945
{1}-{11}	C*30	1*120	0.45000	1.531494	0.769349	-2.57945	3.47945
{1}-{12}	C*30	1*180	1.58333	1.531494	0.303097	-1.44611	4.61278
{1}-{13}	C*30	5*30	0.95833	1.305957	0.464362	-1.62498	3.54165
{1}-{14}	C*30	5*60	-0.55000	1.531494	0.720074	-3.57945	2.47945
{1}-{15}	C*30	5*120	3.01667	1.531494	0.050960	-0.01278	6.04611
{1}-{16}	C*30	5*180	0.04167	1.531494	0.978336	-2.98778	3.07111
{1}-{17}	C*30	10*30	-1.16667	1.305957	0.373300	-3.74998	1.41665
{1}-{18}	C*30	10*60	-2.72500	1.531494	0.077491	-5.75445	0.30445
{1}-{19}	C*30	10*120	1.14167	1.531494	0.457319	-1.88778	4.17111
{1}-{20}	C*30	10*180	1.04167	1.531494	0.497592	-1.98778	4.07111
{2}-{3}	C*60	C*120	-1.73333	1.531494	0.259774	-4.76278	1.29611
{2}-{4}	C*60	C*180	-2.06667	1.531494	0.179504	-5.09611	0.96278
{2}-{5}	C*60	0.1*30	-0.60000	1.531494	0.695857	-3.62945	2.42945
{2}-{6}	C*60	0.1*60	0.19167	1.305957	0.883543	-2.39165	2.77498
{2}-{7}	C*60	0.1*120	0.11667	1.531494	0.939393	-2.91278	3.14611
{2}-{8}	C*60	0.1*180	-1.35000	1.531494	0.379654	-4.37945	1.67945
{2}-{9}	C*60	1*30	-0.55833	1.531494	0.716017	-3.58778	2.47111
{2}-{10}	C*60	1*60	0.20833	1.305957	0.873499	-2.37498	2.79165

{2}-{11}	C*60	1*120	-0.04167	1.531494	0.978336	-3.07111	2.98778
{2}-{12}	C*60	1*180	1.09167	1.531494	0.477221	-1.93778	4.12111
{2}-{13}	C*60	5*30	0.46667	1.531494	0.761064	-2.56278	3.49611
{2}-{14}	C*60	5*60	-1.04167	1.305957	0.426520	-3.62498	1.54165
{2}-{15}	C*60	5*120	2.52500	1.531494	0.101584	-0.50445	5.55445
{2}-{16}	C*60	5*180	-0.45000	1.531494	0.769349	-3.47945	2.57945
{2}-{17}	C*60	10*30	-1.65833	1.531494	0.280862	-4.68778	1.37111
{2}-{18}	C*60	10*60	-3.21667	1.305957	0.015063	-5.79998	-0.63335
{2}-{19}	C*60	10*120	0.65000	1.531494	0.671949	-2.37945	3.67945
{2}-{20}	C*60	10*180	0.55000	1.531494	0.720074	-2.47945	3.57945
{3}-{4}	C*120	C*180	-0.33333	1.531494	0.828036	-3.36278	2.69611
{3}-{5}	C*120	0.1*30	1.13333	1.531494	0.460603	-1.89611	4.16278
{3}-{6}	C*120	0.1*60	1.92500	1.531494	0.210994	-1.10445	4.95445
{3}-{7}	C*120	0.1*120	1.85000	1.305957	0.158960	-0.73331	4.43331
{3}-{8}	C*120	0.1*180	0.38333	1.531494	0.802744	-2.64611	3.41278
{3}-{9}	C*120	1*30	1.17500	1.531494	0.444318	-1.85445	4.20445
{3}-{10}	C*120	1*60	1.94167	1.531494	0.207092	-1.08778	4.97111
{3}-{11}	C*120	1*120	1.69167	1.305957	0.197462	-0.89165	4.27498
{3}-{12}	C*120	1*180	2.82500	1.531494	0.067337	-0.20445	5.85445
{3}-{13}	C*120	5*30	2.20000	1.531494	0.153224	-0.82945	5.22945
{3}-{14}	C*120	5*60	0.69167	1.531494	0.652278	-2.33778	3.72111
{3}-{15}	C*120	5*120	4.25833	1.305957	0.001414	1.67502	6.84165
{3}-{16}	C*120	5*180	1.28333	1.531494	0.403567	-1.74611	4.31278
{3}-{17}	C*120	10*30	0.07500	1.531494	0.961016	-2.95445	3.10445
{3}-{18}	C*120	10*60	-1.48333	1.531494	0.334540	-4.51278	1.54611
{3}-{19}	C*120	10*120	2.38333	1.305957	0.070266	-0.19998	4.96665

{3}-{20}	C*120	10*180	2.28333	1.531494	0.138369	-0.74611	5.31278
{4}-{5}	C*180	0.1*30	1.46667	1.531494	0.339980	-1.56278	4.49611
{4}-{6}	C*180	0.1*60	2.25833	1.531494	0.142703	-0.77111	5.28778
{4}-{7}	C*180	0.1*120	2.18333	1.531494	0.156338	-0.84611	5.21278
{4}-{8}	C*180	0.1*180	0.71667	1.305957	0.584092	-1.86665	3.29998
{4}-{9}	C*180	1*30	1.50833	1.531494	0.326486	-1.52111	4.53778
{4}-{10}	C*180	1*60	2.27500	1.531494	0.139802	-0.75445	5.30445
{4}-{11}	C*180	1*120	2.02500	1.531494	0.188375	-1.00445	5.05445
{4}-{12}	C*180	1*180	3.15833	1.305957	0.016953	0.57502	5.74165
{4}-{13}	C*180	5*30	2.53333	1.531494	0.100471	-0.49611	5.56278
{4}-{14}	C*180	5*60	1.02500	1.531494	0.504485	-2.00445	4.05445
{4}-{15}	C*180	5*120	4.59167	1.531494	0.003247	1.56222	7.62111
{4}-{16}	C*180	5*180	1.61667	1.305957	0.217944	-0.96665	4.19998
{4}-{17}	C*180	10*30	0.40833	1.531494	0.790175	-2.62111	3.43778
{4}-{18}	C*180	10*60	-1.15000	1.531494	0.454049	-4.17945	1.87945
{4}-{19}	C*180	10*120	2.71667	1.531494	0.078391	-0.31278	5.74611
{4}-{20}	C*180	10*180	2.61667	1.305957	0.047156	0.03335	5.19998
{5}-{6}	0.1*30	0.1*60	0.79167	1.531494	0.606074	-2.23778	3.82111
{5}-{7}	0.1*30	0.1*120	0.71667	1.531494	0.640590	-2.31278	3.74611
{5}-{8}	0.1*30	0.1*180	-0.75000	1.531494	0.625146	-3.77945	2.27945
{5}-{9}	0.1*30	1*30	0.04167	1.305957	0.974596	-2.54165	2.62498
{5}-{10}	0.1*30	1*60	0.80833	1.531494	0.598519	-2.22111	3.83778
{5}-{11}	0.1*30	1*120	0.55833	1.531494	0.716017	-2.47111	3.58778
{5}-{12}	0.1*30	1*180	1.69167	1.531494	0.271348	-1.33778	4.72111
{5}-{13}	0.1*30	5*30	1.06667	1.305957	0.415532	-1.51665	3.64998
{5}-{14}	0.1*30	5*60	-0.44167	1.531494	0.773501	-3.47111	2.58778

{5}-{15}	0.1*30	5*120	3.12500	1.531494	0.043295	0.09555	6.15445
{5}-{16}	0.1*30	5*180	0.15000	1.531494	0.922126	-2.87945	3.17945
{5}-{17}	0.1*30	10*30	-1.05833	1.305957	0.419175	-3.64165	1.52498
{5}-{18}	0.1*30	10*60	-2.61667	1.531494	0.089881	-5.64611	0.41278
{5}-{19}	0.1*30	10*120	1.25000	1.531494	0.415858	-1.77945	4.27945
{5}-{20}	0.1*30	10*180	1.15000	1.531494	0.454049	-1.87945	4.17945
{6}-{7}	0.1*60	0.1*120	-0.07500	1.531494	0.961016	-3.10445	2.95445
{6}-{8}	0.1*60	0.1*180	-1.54167	1.531494	0.315948	-4.57111	1.48778
{6}-{9}	0.1*60	1*30	-0.75000	1.531494	0.625146	-3.77945	2.27945
{6}-{10}	0.1*60	1*60	0.01667	1.305957	0.989837	-2.56665	2.59998
{6}-{11}	0.1*60	1*120	-0.23333	1.531494	0.879138	-3.26278	2.79611
{6}-{12}	0.1*60	1*180	0.90000	1.531494	0.557764	-2.12945	3.92945
{6}-{13}	0.1*60	5*30	0.27500	1.531494	0.857771	-2.75445	3.30445
{6}-{14}	0.1*60	5*60	-1.23333	1.305957	0.346696	-3.81665	1.34998
{6}-{15}	0.1*60	5*120	2.33333	1.531494	0.130009	-0.69611	5.36278
{6}-{16}	0.1*60	5*180	-0.64167	1.531494	0.675911	-3.67111	2.38778
{6}-{17}	0.1*60	10*30	-1.85000	1.531494	0.229218	-4.87945	1.17945
{6}-{18}	0.1*60	10*60	-3.40833	1.305957	0.010105	-5.99165	-0.82502
{6}-{19}	0.1*60	10*120	0.45833	1.531494	0.765203	-2.57111	3.48778
{6}-{20}	0.1*60	10*180	0.35833	1.531494	0.815366	-2.67111	3.38778
{7}-{8}	0.1*120	0.1*180	-1.46667	1.531494	0.339980	-4.49611	1.56278
{7}-{9}	0.1*120	1*30	-0.67500	1.531494	0.660118	-3.70445	2.35445
{7}-{10}	0.1*120	1*60	0.09167	1.531494	0.952362	-2.93778	3.12111
{7}-{11}	0.1*120	1*120	-0.15833	1.305957	0.903686	-2.74165	2.42498
{7}-{12}	0.1*120	1*180	0.97500	1.531494	0.525466	-2.05445	4.00445
{7}-{13}	0.1*120	5*30	0.35000	1.531494	0.819584	-2.67945	3.37945

{7}-{14}	0.1*120	5*60	-1.15833	1.531494	0.450792	-4.18778	1.87111
{7}-{15}	0.1*120	5*120	2.40833	1.305957	0.067409	-0.17498	4.99165
{7}-{16}	0.1*120	5*180	-0.56667	1.531494	0.711969	-3.59611	2.46278
{7}-{17}	0.1*120	10*30	-1.77500	1.531494	0.248549	-4.80445	1.25445
{7}-{18}	0.1*120	10*60	-3.33333	1.531494	0.031295	-6.36278	-0.30389
{7}-{19}	0.1*120	10*120	0.53333	1.305957	0.683653	-2.04998	3.11665
{7}-{20}	0.1*120	10*180	0.43333	1.531494	0.777660	-2.59611	3.46278
{8}-{9}	0.1*180	1*30	0.79167	1.531494	0.606074	-2.23778	3.82111
{8}-{10}	0.1*180	1*60	1.55833	1.531494	0.310765	-1.47111	4.58778
{8}-{11}	0.1*180	1*120	1.30833	1.531494	0.394495	-1.72111	4.33778
{8}-{12}	0.1*180	1*180	2.44167	1.305957	0.063750	-0.14165	5.02498
{8}-{13}	0.1*180	5*30	1.81667	1.531494	0.237672	-1.21278	4.84611
{8}-{14}	0.1*180	5*60	0.30833	1.531494	0.840752	-2.72111	3.33778
{8}-{15}	0.1*180	5*120	3.87500	1.531494	0.012574	0.84555	6.90445
{8}-{16}	0.1*180	5*180	0.90000	1.305957	0.491939	-1.68331	3.48331
{8}-{17}	0.1*180	10*30	-0.30833	1.531494	0.840752	-3.33778	2.72111
{8}-{18}	0.1*180	10*60	-1.86667	1.531494	0.225074	-4.89611	1.16278
{8}-{19}	0.1*180	10*120	2.00000	1.531494	0.193853	-1.02945	5.02945
{8}-{20}	0.1*180	10*180	1.90000	1.305957	0.148079	-0.68331	4.48331
{9}-{10}	1*30	1*60	0.76667	1.531494	0.617486	-2.26278	3.79611
{9}-{11}	1*30	1*120	0.51667	1.531494	0.736380	-2.51278	3.54611
{9}-{12}	1*30	1*180	1.65000	1.531494	0.283276	-1.37945	4.67945
{9}-{13}	1*30	5*30	1.02500	1.305957	0.433939	-1.55831	3.60831
{9}-{14}	1*30	5*60	-0.48333	1.531494	0.752808	-3.51278	2.54611
{9}-{15}	1*30	5*120	3.08333	1.531494	0.046118	0.05389	6.11278
{9}-{16}	1*30	5*180	0.10833	1.531494	0.943714	-2.92111	3.13778

{9}-{17}	1*30	10*30	-1.10000	1.305957	0.401147	-3.68331	1.48331
{9}-{18}	1*30	10*60	-2.65833	1.531494	0.084937	-5.68778	0.37111
{9}-{19}	1*30	10*120	1.20833	1.531494	0.431533	-1.82111	4.23778
{9}-{20}	1*30	10*180	1.10833	1.531494	0.470534	-1.92111	4.13778
{10}-{11}	1*60	1*120	-0.25000	1.531494	0.870580	-3.27945	2.77945
{10}-{12}	1*60	1*180	0.88333	1.531494	0.565071	-2.14611	3.91278
{10}-{13}	1*60	5*30	0.25833	1.531494	0.866306	-2.77111	3.28778
{10}-{14}	1*60	5*60	-1.25000	1.305957	0.340240	-3.83331	1.33331
{10}-{15}	1*60	5*120	2.31667	1.531494	0.132750	-0.71278	5.34611
{10}-{16}	1*60	5*180	-0.65833	1.531494	0.667996	-3.68778	2.37111
{10}-{17}	1*60	10*30	-1.86667	1.531494	0.225074	-4.89611	1.16278
{10}-{18}	1*60	10*60	-3.42500	1.305957	0.009752	-6.00831	-0.84169
{10}-{19}	1*60	10*120	0.44167	1.531494	0.773501	-2.58778	3.47111
{10}-{20}	1*60	10*180	0.34167	1.531494	0.823807	-2.68778	3.37111
{11}-{12}	1*120	1*180	1.13333	1.531494	0.460603	-1.89611	4.16278
{11}-{13}	1*120	5*30	0.50833	1.531494	0.740476	-2.52111	3.53778
{11}-{14}	1*120	5*60	-1.00000	1.531494	0.514920	-4.02945	2.02945
{11}-{15}	1*120	5*120	2.56667	1.305957	0.051473	-0.01665	5.14998
{11}-{16}	1*120	5*180	-0.40833	1.531494	0.790175	-3.43778	2.62111
{11}-{17}	1*120	10*30	-1.61667	1.531494	0.293073	-4.64611	1.41278
{11}-{18}	1*120	10*60	-3.17500	1.531494	0.040104	-6.20445	-0.14555
{11}-{19}	1*120	10*120	0.69167	1.305957	0.597262	-1.89165	3.27498
{11}-{20}	1*120	10*180	0.59167	1.531494	0.699872	-2.43778	3.62111
{12}-{13}	1*180	5*30	-0.62500	1.531494	0.683863	-3.65445	2.40445
{12}-{14}	1*180	5*60	-2.13333	1.531494	0.165969	-5.16278	0.89611
{12}-{15}	1*180	5*120	1.43333	1.531494	0.351031	-1.59611	4.46278

{12}-{16}	1*180	5*180	-1.54167	1.305957	0.239929	-4.12498	1.04165
{12}-{17}	1*180	10*30	-2.75000	1.531494	0.074841	-5.77945	0.27945
{12}-{18}	1*180	10*60	-4.30833	1.531494	0.005656	-7.33778	-1.27889
{12}-{19}	1*180	10*120	-0.44167	1.531494	0.773501	-3.47111	2.58778
{12}-{20}	1*180	10*180	-0.54167	1.305957	0.678987	-3.12498	2.04165
{13}-{14}	5*30	5*60	-1.50833	1.531494	0.326486	-4.53778	1.52111
{13}-{15}	5*30	5*120	2.05833	1.531494	0.181253	-0.97111	5.08778
{13}-{16}	5*30	5*180	-0.91667	1.531494	0.550503	-3.94611	2.11278
{13}-{17}	5*30	10*30	-2.12500	1.305957	0.106088	-4.70831	0.45831
{13}-{18}	5*30	10*60	-3.68333	1.531494	0.017557	-6.71278	-0.65389
{13}-{19}	5*30	10*120	0.18333	1.531494	0.904896	-2.84611	3.21278
{13}-{20}	5*30	10*180	0.08333	1.531494	0.956688	-2.94611	3.11278
{14}-{15}	5*60	5*120	3.56667	1.531494	0.021384	0.53722	6.59611
{14}-{16}	5*60	5*180	0.59167	1.531494	0.699872	-2.43778	3.62111
{14}-{17}	5*60	10*30	-0.61667	1.531494	0.687852	-3.64611	2.41278
{14}-{18}	5*60	10*60	-2.17500	1.305957	0.098196	-4.75831	0.40831
{14}-{19}	5*60	10*120	1.69167	1.531494	0.271348	-1.33778	4.72111
{14}-{20}	5*60	10*180	1.59167	1.531494	0.300570	-1.43778	4.62111
{15}-{16}	5*120	5*180	-2.97500	1.531494	0.054200	-6.00445	0.05445
{15}-{17}	5*120	10*30	-4.18333	1.531494	0.007167	-7.21278	-1.15389
{15}-{18}	5*120	10*60	-5.74167	1.531494	0.000265	-8.77111	-2.71222
{15}-{19}	5*120	10*120	-1.87500	1.305957	0.153445	-4.45831	0.70831
{15}-{20}	5*120	10*180	-1.97500	1.531494	0.199448	-5.00445	1.05445
{16}-{17}	5*180	10*30	-1.20833	1.531494	0.431533	-4.23778	1.82111
{16}-{18}	5*180	10*60	-2.76667	1.531494	0.073116	-5.79611	0.26278
{16}-{19}	5*180	10*120	1.10000	1.531494	0.473871	-1.92945	4.12945

{16}-{20}	5*180	10*180	1.00000	1.305957	0.445209	-1.58331	3.58331
{17}-{18}	10*30	10*60	-1.55833	1.531494	0.310765	-4.58778	1.47111
{17}-{19}	10*30	10*120	2.30833	1.531494	0.134138	-0.72111	5.33778
{17}-{20}	10*30	10*180	2.20833	1.531494	0.151686	-0.82111	5.23778
{18}-{19}	10*60	10*120	3.86667	1.531494	0.012761	0.83722	6.89611
{18}-{20}	10*60	10*180	3.76667	1.531494	0.015208	0.73722	6.79611
{19}-{20}	10*120	10*180	-0.10000	1.531494	0.948037	-3.12945	2.92945

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 10.400	{2} - 9.6000	{3} - 13.625	{4} - 10.292	{5} - 8.7167	{6} - 9.9333	{7} - 10.192	{8} - 13.858	{9} - 10.150	{10} - 8.3750	{11} - 9.7417	{12} - 8.8000	{13} - 9.2750	{14} - 11.192	{15} - 9.5000	{16} - 11.608	{17} - 10.325	{18} - 9.1500	{19} - 10.683	{20} - 11.250
1	C	30		0.533474	0.013036	0.932749	0.143482	0.716287	0.871089	0.007864	0.827323	0.116410	0.608258	0.213983	0.327131	0.537740	0.483669	0.347387	0.947819	0.331072	0.825337	0.508248
2	C	60	0.533474		0.002077	0.590241	0.491789	0.771183	0.645013	0.001151	0.668447	0.286129	0.912131	0.533474	0.800166	0.166397	0.937911	0.119419	0.572477	0.694641	0.399374	0.200094
3	C	120	0.013036	0.002077		0.010342	0.000197	0.004626	0.003212	0.855781	0.007578	0.000073	0.000906	0.000249	0.000907	0.059737	0.000439	0.117907	0.011112	0.000652	0.011223	0.066037
4	C	180	0.932749	0.590241	0.010342		0.221186	0.780178	0.937911	0.002234	0.912131	0.137081	0.668447	0.194459	0.428941	0.483669	0.537740	0.251759	0.979285	0.374549	0.760336	0.403630
5	0.1	30	0.143482	0.491789	0.000197	0.221186		0.344083	0.251752	0.000100	0.212374	0.790154	0.425176	0.948243	0.626262	0.055553	0.542023	0.025666	0.162036	0.735757	0.127210	0.050112
6	0.1	60	0.716287	0.771183	0.004626	0.780178	0.344083		0.840529	0.002655	0.865980	0.175387	0.881321	0.378035	0.608258	0.273277	0.735757	0.193404	0.760336	0.494639	0.559325	0.306027
7	0.1	120	0.871089	0.645013	0.003212	0.937911	0.251752	0.840529		0.004903	0.974108	0.158605	0.694641	0.279408	0.475623	0.436529	0.546411	0.270900	0.917281	0.417706	0.668004	0.410314
8	0.1	180	0.007864	0.001151	0.855781	0.002234	0.000100	0.002655	0.004903		0.004450	0.000036	0.001652	0.000020	0.000487	0.039350	0.000887	0.051266	0.006649	0.000345	0.014478	0.024187
9	1	30	0.827323	0.668447	0.007578	0.912131	0.212374	0.865980	0.974108	0.004450		0.168303	0.750473	0.293993	0.445642	0.417706	0.612800	0.257123	0.878633	0.436529	0.677914	0.392181
10	1	60	0.116410	0.286129	0.000073	0.137081	0.790154	0.175387	0.158605	0.000036	0.168303		0.288099	0.740652	0.483669	0.015084	0.381541	0.012808	0.130436	0.499234	0.073904	0.026513
11	1	120	0.608258	0.912131	0.000906	0.668447	0.425176	0.881321	0.694641	0.001652	0.750473	0.288099		0.463695	0.716287	0.259838	0.832992	0.147540	0.649672	0.645013	0.411835	0.241248
12	1	180	0.213983	0.533474	0.000249	0.194459	0.948243	0.378035	0.279408	0.000020	0.293993	0.740652	0.463695		0.711448	0.064183	0.585776	0.015379	0.236115	0.785162	0.143987	0.034031
13	5	30	0.327131	0.800166	0.000907	0.428941	0.626262	0.608258	0.475623	0.000487	0.445642	0.483669	0.716287	0.711448		0.137081	0.860878	0.070867	0.360298	0.922434	0.273716	0.125621



14	5	60	0.537740	0.166397	0.059737	0.483669	0.055553	0.273277	0.436529	0.039350	0.417706	0.015084	0.259838	0.064183	0.137081		0.189038	0.745557	0.499982	0.076561	0.692212	0.963757
15	5	120	0.483669	0.937911	0.000439	0.537740	0.542023	0.735757	0.546411	0.000887	0.612800	0.381541	0.832992	0.585776	0.860878	0.189038		0.102261	0.520781	0.785162	0.302766	0.174334
16	5	180	0.347387	0.119419	0.117907	0.251759	0.025666	0.193404	0.270900	0.051266	0.257123	0.012808	0.147540	0.015379	0.070867	0.745557	0.102261		0.318386	0.057196	0.471628	0.754560
17	10	30	0.947819	0.572477	0.011112	0.979285	0.162036	0.760336	0.917281	0.006649	0.878633	0.130436	0.649672	0.236115	0.360298	0.499982	0.520781	0.318386		0.360806	0.780178	0.471628
18	10	60	0.331072	0.694641	0.000652	0.374549	0.735757	0.494639	0.417706	0.000345	0.436529	0.499234	0.645013	0.785162	0.922434	0.076561	0.785162	0.057196	0.360806		0.233578	0.103610
19	10	120	0.825337	0.399374	0.011223	0.760336	0.127210	0.559325	0.668004	0.014478	0.677914	0.073904	0.411835	0.143987	0.273716	0.692212	0.302766	0.471628	0.780178	0.233578		0.659032
20	10	180	0.508248	0.200094	0.066037	0.403630	0.050112	0.306027	0.410314	0.024187	0.392181	0.026513	0.241248	0.034031	0.125621	0.963757	0.174334	0.754560	0.471628	0.103610	0.659032	

**LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	0.80000	1.281328	0.533474	-1.73459	3.33459
{1}-{3}	C*30	C*120	-3.22500	1.281328	0.013036	-5.75959	-0.69041
{1}-{4}	C*30	C*180	0.10833	1.281328	0.932749	-2.42626	2.64293
{1}-{5}	C*30	0.1*30	1.68333	1.143802	0.143482	-0.57922	3.94589
{1}-{6}	C*30	0.1*60	0.46667	1.281328	0.716287	-2.06793	3.00126
{1}-{7}	C*30	0.1*120	0.20833	1.281328	0.871089	-2.32626	2.74293
{1}-{8}	C*30	0.1*180	-3.45833	1.281328	0.007864	-5.99293	-0.92374
{1}-{9}	C*30	1*30	0.25000	1.143802	0.827323	-2.01255	2.51255
{1}-{10}	C*30	1*60	2.02500	1.281328	0.116410	-0.50959	4.55959
{1}-{11}	C*30	1*120	0.65833	1.281328	0.608258	-1.87626	3.19293
{1}-{12}	C*30	1*180	1.60000	1.281328	0.213983	-0.93459	4.13459
{1}-{13}	C*30	5*30	1.12500	1.143802	0.327131	-1.13755	3.38755

{1}-{14}	C*30	5*60	-0.79167	1.281328	0.537740	-3.32626	1.74293
{1}-{15}	C*30	5*120	0.90000	1.281328	0.483669	-1.63459	3.43459
{1}-{16}	C*30	5*180	-1.20833	1.281328	0.347387	-3.74293	1.32626
{1}-{17}	C*30	10*30	0.07500	1.143802	0.947819	-2.18755	2.33755
{1}-{18}	C*30	10*60	1.25000	1.281328	0.331072	-1.28459	3.78459
{1}-{19}	C*30	10*120	-0.28333	1.281328	0.825337	-2.81793	2.25126
{1}-{20}	C*30	10*180	-0.85000	1.281328	0.508248	-3.38459	1.68459
{2}-{3}	C*60	C*120	-4.02500	1.281328	0.002077	-6.55959	-1.49041
{2}-{4}	C*60	C*180	-0.69167	1.281328	0.590241	-3.22626	1.84293
{2}-{5}	C*60	0.1*30	0.88333	1.281328	0.491789	-1.65126	3.41793
{2}-{6}	C*60	0.1*60	-0.33333	1.143802	0.771183	-2.59589	1.92922
{2}-{7}	C*60	0.1*120	-0.59167	1.281328	0.645013	-3.12626	1.94293
{2}-{8}	C*60	0.1*180	-4.25833	1.281328	0.001151	-6.79293	-1.72374
{2}-{9}	C*60	1*30	-0.55000	1.281328	0.668447	-3.08459	1.98459
{2}-{10}	C*60	1*60	1.22500	1.143802	0.286129	-1.03755	3.48755
{2}-{11}	C*60	1*120	-0.14167	1.281328	0.912131	-2.67626	2.39293
{2}-{12}	C*60	1*180	0.80000	1.281328	0.533474	-1.73459	3.33459
{2}-{13}	C*60	5*30	0.32500	1.281328	0.800166	-2.20959	2.85959
{2}-{14}	C*60	5*60	-1.59167	1.143802	0.166397	-3.85422	0.67089
{2}-{15}	C*60	5*120	0.10000	1.281328	0.937911	-2.43459	2.63459
{2}-{16}	C*60	5*180	-2.00833	1.281328	0.119419	-4.54293	0.52626
{2}-{17}	C*60	10*30	-0.72500	1.281328	0.572477	-3.25959	1.80959
{2}-{18}	C*60	10*60	0.45000	1.143802	0.694641	-1.81255	2.71255
{2}-{19}	C*60	10*120	-1.08333	1.281328	0.399374	-3.61793	1.45126
{2}-{20}	C*60	10*180	-1.65000	1.281328	0.200094	-4.18459	0.88459
{3}-{4}	C*120	C*180	3.33333	1.281328	0.010342	0.79874	5.86793

{3}-{5}	C*120	0.1*30	4.90833	1.281328	0.000197	2.37374	7.44293
{3}-{6}	C*120	0.1*60	3.69167	1.281328	0.004626	1.15707	6.22626
{3}-{7}	C*120	0.1*120	3.43333	1.143802	0.003212	1.17078	5.69589
{3}-{8}	C*120	0.1*180	-0.23333	1.281328	0.855781	-2.76793	2.30126
{3}-{9}	C*120	1*30	3.47500	1.281328	0.007578	0.94041	6.00959
{3}-{10}	C*120	1*60	5.25000	1.281328	0.000073	2.71541	7.78459
{3}-{11}	C*120	1*120	3.88333	1.143802	0.000906	1.62078	6.14589
{3}-{12}	C*120	1*180	4.82500	1.281328	0.000249	2.29041	7.35959
{3}-{13}	C*120	5*30	4.35000	1.281328	0.000907	1.81541	6.88459
{3}-{14}	C*120	5*60	2.43333	1.281328	0.059737	-0.10126	4.96793
{3}-{15}	C*120	5*120	4.12500	1.143802	0.000439	1.86245	6.38755
{3}-{16}	C*120	5*180	2.01667	1.281328	0.117907	-0.51793	4.55126
{3}-{17}	C*120	10*30	3.30000	1.281328	0.011112	0.76541	5.83459
{3}-{18}	C*120	10*60	4.47500	1.281328	0.000652	1.94041	7.00959
{3}-{19}	C*120	10*120	2.94167	1.143802	0.011223	0.67911	5.20422
{3}-{20}	C*120	10*180	2.37500	1.281328	0.066037	-0.15959	4.90959
{4}-{5}	C*180	0.1*30	1.57500	1.281328	0.221186	-0.95959	4.10959
{4}-{6}	C*180	0.1*60	0.35833	1.281328	0.780178	-2.17626	2.89293
{4}-{7}	C*180	0.1*120	0.10000	1.281328	0.937911	-2.43459	2.63459
{4}-{8}	C*180	0.1*180	-3.56667	1.143802	0.002234	-5.82922	-1.30411
{4}-{9}	C*180	1*30	0.14167	1.281328	0.912131	-2.39293	2.67626
{4}-{10}	C*180	1*60	1.91667	1.281328	0.137081	-0.61793	4.45126
{4}-{11}	C*180	1*120	0.55000	1.281328	0.668447	-1.98459	3.08459
{4}-{12}	C*180	1*180	1.49167	1.143802	0.194459	-0.77089	3.75422
{4}-{13}	C*180	5*30	1.01667	1.281328	0.428941	-1.51793	3.55126
{4}-{14}	C*180	5*60	-0.90000	1.281328	0.483669	-3.43459	1.63459

{4}-{15}	C*180	5*120	0.79167	1.281328	0.537740	-1.74293	3.32626
{4}-{16}	C*180	5*180	-1.31667	1.143802	0.251759	-3.57922	0.94589
{4}-{17}	C*180	10*30	-0.03333	1.281328	0.979285	-2.56793	2.50126
{4}-{18}	C*180	10*60	1.14167	1.281328	0.374549	-1.39293	3.67626
{4}-{19}	C*180	10*120	-0.39167	1.281328	0.760336	-2.92626	2.14293
{4}-{20}	C*180	10*180	-0.95833	1.143802	0.403630	-3.22089	1.30422
{5}-{6}	0.1*30	0.1*60	-1.21667	1.281328	0.344083	-3.75126	1.31793
{5}-{7}	0.1*30	0.1*120	-1.47500	1.281328	0.251752	-4.00959	1.05959
{5}-{8}	0.1*30	0.1*180	-5.14167	1.281328	0.000100	-7.67626	-2.60707
{5}-{9}	0.1*30	1*30	-1.43333	1.143802	0.212374	-3.69589	0.82922
{5}-{10}	0.1*30	1*60	0.34167	1.281328	0.790154	-2.19293	2.87626
{5}-{11}	0.1*30	1*120	-1.02500	1.281328	0.425176	-3.55959	1.50959
{5}-{12}	0.1*30	1*180	-0.08333	1.281328	0.948243	-2.61793	2.45126
{5}-{13}	0.1*30	5*30	-0.55833	1.143802	0.626262	-2.82089	1.70422
{5}-{14}	0.1*30	5*60	-2.47500	1.281328	0.055553	-5.00959	0.05959
{5}-{15}	0.1*30	5*120	-0.78333	1.281328	0.542023	-3.31793	1.75126
{5}-{16}	0.1*30	5*180	-2.89167	1.281328	0.025666	-5.42626	-0.35707
{5}-{17}	0.1*30	10*30	-1.60833	1.143802	0.162036	-3.87089	0.65422
{5}-{18}	0.1*30	10*60	-0.43333	1.281328	0.735757	-2.96793	2.10126
{5}-{19}	0.1*30	10*120	-1.96667	1.281328	0.127210	-4.50126	0.56793
{5}-{20}	0.1*30	10*180	-2.53333	1.281328	0.050112	-5.06793	0.00126
{6}-{7}	0.1*60	0.1*120	-0.25833	1.281328	0.840529	-2.79293	2.27626
{6}-{8}	0.1*60	0.1*180	-3.92500	1.281328	0.002655	-6.45959	-1.39041
{6}-{9}	0.1*60	1*30	-0.21667	1.281328	0.865980	-2.75126	2.31793
{6}-{10}	0.1*60	1*60	1.55833	1.143802	0.175387	-0.70422	3.82089
{6}-{11}	0.1*60	1*120	0.19167	1.281328	0.881321	-2.34293	2.72626

{6}-{12}	0.1*60	1*180	1.13333	1.281328	0.378035	-1.40126	3.66793
{6}-{13}	0.1*60	5*30	0.65833	1.281328	0.608258	-1.87626	3.19293
{6}-{14}	0.1*60	5*60	-1.25833	1.143802	0.273277	-3.52089	1.00422
{6}-{15}	0.1*60	5*120	0.43333	1.281328	0.735757	-2.10126	2.96793
{6}-{16}	0.1*60	5*180	-1.67500	1.281328	0.193404	-4.20959	0.85959
{6}-{17}	0.1*60	10*30	-0.39167	1.281328	0.760336	-2.92626	2.14293
{6}-{18}	0.1*60	10*60	0.78333	1.143802	0.494639	-1.47922	3.04589
{6}-{19}	0.1*60	10*120	-0.75000	1.281328	0.559325	-3.28459	1.78459
{6}-{20}	0.1*60	10*180	-1.31667	1.281328	0.306027	-3.85126	1.21793
{7}-{8}	0.1*120	0.1*180	-3.66667	1.281328	0.004903	-6.20126	-1.13207
{7}-{9}	0.1*120	1*30	0.04167	1.281328	0.974108	-2.49293	2.57626
{7}-{10}	0.1*120	1*60	1.81667	1.281328	0.158605	-0.71793	4.35126
{7}-{11}	0.1*120	1*120	0.45000	1.143802	0.694641	-1.81255	2.71255
{7}-{12}	0.1*120	1*180	1.39167	1.281328	0.279408	-1.14293	3.92626
{7}-{13}	0.1*120	5*30	0.91667	1.281328	0.475623	-1.61793	3.45126
{7}-{14}	0.1*120	5*60	-1.00000	1.281328	0.436529	-3.53459	1.53459
{7}-{15}	0.1*120	5*120	0.69167	1.143802	0.546411	-1.57089	2.95422
{7}-{16}	0.1*120	5*180	-1.41667	1.281328	0.270900	-3.95126	1.11793
{7}-{17}	0.1*120	10*30	-0.13333	1.281328	0.917281	-2.66793	2.40126
{7}-{18}	0.1*120	10*60	1.04167	1.281328	0.417706	-1.49293	3.57626
{7}-{19}	0.1*120	10*120	-0.49167	1.143802	0.668004	-2.75422	1.77089
{7}-{20}	0.1*120	10*180	-1.05833	1.281328	0.410314	-3.59293	1.47626
{8}-{9}	0.1*180	1*30	3.70833	1.281328	0.004450	1.17374	6.24293
{8}-{10}	0.1*180	1*60	5.48333	1.281328	0.000036	2.94874	8.01793
{8}-{11}	0.1*180	1*120	4.11667	1.281328	0.001652	1.58207	6.65126
{8}-{12}	0.1*180	1*180	5.05833	1.143802	0.000020	2.79578	7.32089

{8}-{13}	0.1*180	5*30	4.58333	1.281328	0.000487	2.04874	7.11793
{8}-{14}	0.1*180	5*60	2.66667	1.281328	0.039350	0.13207	5.20126
{8}-{15}	0.1*180	5*120	4.35833	1.281328	0.000887	1.82374	6.89293
{8}-{16}	0.1*180	5*180	2.25000	1.143802	0.051266	-0.01255	4.51255
{8}-{17}	0.1*180	10*30	3.53333	1.281328	0.006649	0.99874	6.06793
{8}-{18}	0.1*180	10*60	4.70833	1.281328	0.000345	2.17374	7.24293
{8}-{19}	0.1*180	10*120	3.17500	1.281328	0.014478	0.64041	5.70959
{8}-{20}	0.1*180	10*180	2.60833	1.143802	0.024187	0.34578	4.87089
{9}-{10}	1*30	1*60	1.77500	1.281328	0.168303	-0.75959	4.30959
{9}-{11}	1*30	1*120	0.40833	1.281328	0.750473	-2.12626	2.94293
{9}-{12}	1*30	1*180	1.35000	1.281328	0.293993	-1.18459	3.88459
{9}-{13}	1*30	5*30	0.87500	1.143802	0.445642	-1.38755	3.13755
{9}-{14}	1*30	5*60	-1.04167	1.281328	0.417706	-3.57626	1.49293
{9}-{15}	1*30	5*120	0.65000	1.281328	0.612800	-1.88459	3.18459
{9}-{16}	1*30	5*180	-1.45833	1.281328	0.257123	-3.99293	1.07626
{9}-{17}	1*30	10*30	-0.17500	1.143802	0.878633	-2.43755	2.08755
{9}-{18}	1*30	10*60	1.00000	1.281328	0.436529	-1.53459	3.53459
{9}-{19}	1*30	10*120	-0.53333	1.281328	0.677914	-3.06793	2.00126
{9}-{20}	1*30	10*180	-1.10000	1.281328	0.392181	-3.63459	1.43459
{10}-{11}	1*60	1*120	-1.36667	1.281328	0.288099	-3.90126	1.16793
{10}-{12}	1*60	1*180	-0.42500	1.281328	0.740652	-2.95959	2.10959
{10}-{13}	1*60	5*30	-0.90000	1.281328	0.483669	-3.43459	1.63459
{10}-{14}	1*60	5*60	-2.81667	1.143802	0.015084	-5.07922	-0.55411
{10}-{15}	1*60	5*120	-1.12500	1.281328	0.381541	-3.65959	1.40959
{10}-{16}	1*60	5*180	-3.23333	1.281328	0.012808	-5.76793	-0.69874
{10}-{17}	1*60	10*30	-1.95000	1.281328	0.130436	-4.48459	0.58459

{10}-{18}	1*60	10*60	-0.77500	1.143802	0.499234	-3.03755	1.48755
{10}-{19}	1*60	10*120	-2.30833	1.281328	0.073904	-4.84293	0.22626
{10}-{20}	1*60	10*180	-2.87500	1.281328	0.026513	-5.40959	-0.34041
{11}-{12}	1*120	1*180	0.94167	1.281328	0.463695	-1.59293	3.47626
{11}-{13}	1*120	5*30	0.46667	1.281328	0.716287	-2.06793	3.00126
{11}-{14}	1*120	5*60	-1.45000	1.281328	0.259838	-3.98459	1.08459
{11}-{15}	1*120	5*120	0.24167	1.143802	0.832992	-2.02089	2.50422
{11}-{16}	1*120	5*180	-1.86667	1.281328	0.147540	-4.40126	0.66793
{11}-{17}	1*120	10*30	-0.58333	1.281328	0.649672	-3.11793	1.95126
{11}-{18}	1*120	10*60	0.59167	1.281328	0.645013	-1.94293	3.12626
{11}-{19}	1*120	10*120	-0.94167	1.143802	0.411835	-3.20422	1.32089
{11}-{20}	1*120	10*180	-1.50833	1.281328	0.241248	-4.04293	1.02626
{12}-{13}	1*180	5*30	-0.47500	1.281328	0.711448	-3.00959	2.05959
{12}-{14}	1*180	5*60	-2.39167	1.281328	0.064183	-4.92626	0.14293
{12}-{15}	1*180	5*120	-0.70000	1.281328	0.585776	-3.23459	1.83459
{12}-{16}	1*180	5*180	-2.80833	1.143802	0.015379	-5.07089	-0.54578
{12}-{17}	1*180	10*30	-1.52500	1.281328	0.236115	-4.05959	1.00959
{12}-{18}	1*180	10*60	-0.35000	1.281328	0.785162	-2.88459	2.18459
{12}-{19}	1*180	10*120	-1.88333	1.281328	0.143987	-4.41793	0.65126
{12}-{20}	1*180	10*180	-2.45000	1.143802	0.034031	-4.71255	-0.18745
{13}-{14}	5*30	5*60	-1.91667	1.281328	0.137081	-4.45126	0.61793
{13}-{15}	5*30	5*120	-0.22500	1.281328	0.860878	-2.75959	2.30959
{13}-{16}	5*30	5*180	-2.33333	1.281328	0.070867	-4.86793	0.20126
{13}-{17}	5*30	10*30	-1.05000	1.143802	0.360298	-3.31255	1.21255
{13}-{18}	5*30	10*60	0.12500	1.281328	0.922434	-2.40959	2.65959
{13}-{19}	5*30	10*120	-1.40833	1.281328	0.273716	-3.94293	1.12626

{13}-{20}	5*30	10*180	-1.97500	1.281328	0.125621	-4.50959	0.55959
{14}-{15}	5*60	5*120	1.69167	1.281328	0.189038	-0.84293	4.22626
{14}-{16}	5*60	5*180	-0.41667	1.281328	0.745557	-2.95126	2.11793
{14}-{17}	5*60	10*30	0.86667	1.281328	0.499982	-1.66793	3.40126
{14}-{18}	5*60	10*60	2.04167	1.143802	0.076561	-0.22089	4.30422
{14}-{19}	5*60	10*120	0.50833	1.281328	0.692212	-2.02626	3.04293
{14}-{20}	5*60	10*180	-0.05833	1.281328	0.963757	-2.59293	2.47626
{15}-{16}	5*120	5*180	-2.10833	1.281328	0.102261	-4.64293	0.42626
{15}-{17}	5*120	10*30	-0.82500	1.281328	0.520781	-3.35959	1.70959
{15}-{18}	5*120	10*60	0.35000	1.281328	0.785162	-2.18459	2.88459
{15}-{19}	5*120	10*120	-1.18333	1.143802	0.302766	-3.44589	1.07922
{15}-{20}	5*120	10*180	-1.75000	1.281328	0.174334	-4.28459	0.78459
{16}-{17}	5*180	10*30	1.28333	1.281328	0.318386	-1.25126	3.81793
{16}-{18}	5*180	10*60	2.45833	1.281328	0.057196	-0.07626	4.99293
{16}-{19}	5*180	10*120	0.92500	1.281328	0.471628	-1.60959	3.45959
{16}-{20}	5*180	10*180	0.35833	1.143802	0.754560	-1.90422	2.62089
{17}-{18}	10*30	10*60	1.17500	1.281328	0.360806	-1.35959	3.70959
{17}-{19}	10*30	10*120	-0.35833	1.281328	0.780178	-2.89293	2.17626
{17}-{20}	10*30	10*180	-0.92500	1.281328	0.471628	-3.45959	1.60959
{18}-{19}	10*60	10*120	-1.53333	1.281328	0.233578	-4.06793	1.00126
{18}-{20}	10*60	10*180	-2.10000	1.281328	0.103610	-4.63459	0.43459
{19}-{20}	10*120	10*180	-0.56667	1.281328	0.659032	-3.10126	1.96793

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point



Cell No.	Concentration	Time Point	{1} - 8.3083	{2} - 9.6050	{3} - 10.625	{4} - 11.192	{5} - 9.9667	{6} - 8.3583	{7} - 10.408	{8} - 10.267	{9} - 9.0417	{10} - 8.3000	{11} - 10.933	{12} - 8.5500	{13} - 9.2917	{14} - 9.9750	{15} - 7.5917	{16} - 8.3250	{17} - 10.275	{18} - 8.8500	{19} - 9.4667	{20} - 9.5000
1	C	30		0.242807	0.037976	0.010131	0.145247	0.965809	0.073552	0.094921	0.518161	0.994300	0.025800	0.835882	0.386531	0.154638	0.539242	0.988600	0.084612	0.642518	0.321594	0.307918
2	C	60	0.242807		0.357733	0.153467	0.756560	0.272697	0.491403	0.570781	0.629286	0.250991	0.255960	0.366498	0.788250	0.744257	0.086092	0.273584	0.565946	0.505895	0.905600	0.928275
3	C	120	0.037976	0.357733		0.608995	0.572721	0.053670	0.848482	0.758733	0.176159	0.047881	0.785723	0.077004	0.254184	0.577584	0.008299	0.050294	0.764174	0.129753	0.307980	0.335665
4	C	180	0.010131	0.153467	0.608995		0.294637	0.016286	0.502234	0.415249	0.067031	0.014254	0.824743	0.021106	0.105071	0.297920	0.002425	0.012487	0.432489	0.046328	0.140817	0.137395
5	0.1	30	0.145247	0.756560	0.572721	0.294637		0.147972	0.690075	0.786471	0.415249	0.154638	0.407871	0.225847	0.551941	0.994300	0.043350	0.160871	0.785723	0.339245	0.668286	0.689192
6	0.1	60	0.965809	0.272697	0.053670	0.016286	0.147972		0.065843	0.086560	0.558251	0.958974	0.028705	0.869489	0.424188	0.155546	0.511357	0.977202	0.102086	0.664705	0.342849	0.328580
7	0.1	120	0.073552	0.491403	0.848482	0.502234	0.690075	0.065843		0.898199	0.242562	0.072430	0.643517	0.112842	0.339245	0.710340	0.014069	0.075839	0.908997	0.183037	0.406917	0.436675
8	0.1	180	0.094921	0.570781	0.758733	0.415249	0.786471	0.086560	0.898199		0.294637	0.093538	0.567878	0.131727	0.403852	0.802575	0.023156	0.088596	0.994300	0.225847	0.493199	0.499355
9	1	30	0.518161	0.629286	0.176159	0.067031	0.415249	0.558251	0.242562	0.294637		0.503344	0.089315	0.657141	0.825525	0.424188	0.215175	0.539242	0.277836	0.869489	0.715663	0.694457
10	1	60	0.994300	0.250991	0.047881	0.014254	0.154638	0.958974	0.072430	0.093538	0.503344		0.018612	0.821391	0.395885	0.141279	0.543964	0.982901	0.092171	0.627814	0.318138	0.304561
11	1	120	0.025800	0.255960	0.785723	0.824743	0.407871	0.028705	0.643517	0.567878	0.089315	0.018612		0.032857	0.160871	0.411914	0.003733	0.026739	0.572721	0.075839	0.197290	0.220464
12	1	180	0.835882	0.366498	0.077004	0.021106	0.225847	0.869489	0.112842	0.131727	0.657141	0.821391	0.032857		0.525204	0.223144	0.411914	0.842729	0.140817	0.797057	0.432489	0.402788
13	5	30	0.386531	0.788250	0.254184	0.105071	0.551941	0.424188	0.339245	0.403852	0.825525	0.395885	0.160871	0.525204		0.537446	0.126394	0.383346	0.386531	0.705031	0.880748	0.858257
14	5	60	0.154638	0.744257	0.577584	0.297920	0.994300	0.155546	0.710340	0.802575	0.424188	0.141279	0.411914	0.223144	0.537446		0.032857	0.137835	0.797057	0.322055	0.663100	0.683942
15	5	120	0.539242	0.086092	0.008299	0.002425	0.043350	0.511357	0.014069	0.023156	0.215175	0.543964	0.003733	0.411914	0.126394	0.032857		0.508144	0.022739	0.281750	0.099972	0.103570
16	5	180	0.988600	0.273584	0.050294	0.012487	0.160871	0.977202	0.075839	0.088596	0.539242	0.982901	0.026739	0.842729	0.383346	0.137835	0.508144		0.096320	0.652775	0.328580	0.301099
17	10	30	0.084612	0.565946	0.764174	0.432489	0.785723	0.102086	0.908997	0.994300	0.277836	0.092171	0.572721	0.140817	0.386531	0.797057	0.022739	0.096320		0.199523	0.465832	0.484389
18	10	60	0.642518	0.505895	0.129753	0.046328	0.339245	0.664705	0.183037	0.225847	0.869489	0.627814	0.075839	0.797057	0.705031	0.322055	0.281750	0.652775	0.199523		0.577807	0.557447
19	10	120	0.321594	0.905600	0.307980	0.140817	0.668286	0.342849	0.406917	0.493199	0.715663	0.318138	0.197290	0.432489	0.880748	0.663100	0.099972	0.328580	0.465832	0.577807		0.975984
20	10	180	0.307918	0.928275	0.335665	0.137395	0.689192	0.328580	0.436675	0.499355	0.694457	0.304561	0.220464	0.402788	0.858257	0.683942	0.103570	0.301099	0.484389	0.557447	0.975984	

**LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-1.29667	1.105189	0.242807	-3.48284	0.889506
{1}-{3}	C*30	C*120	-2.31667	1.105189	0.037976	-4.50284	-0.130494
{1}-{4}	C*30	C*180	-2.88333	1.105189	0.010131	-5.06951	-0.697161
{1}-{5}	C*30	0.1*30	-1.65833	1.131823	0.145247	-3.89719	0.580524
{1}-{6}	C*30	0.1*60	-0.05000	1.164244	0.965809	-2.35299	2.252990
{1}-{7}	C*30	0.1*120	-2.10000	1.164244	0.073552	-4.40299	0.202990
{1}-{8}	C*30	0.1*180	-1.95833	1.164244	0.094921	-4.26132	0.344657
{1}-{9}	C*30	1*30	-0.73333	1.131823	0.518161	-2.97219	1.505524
{1}-{10}	C*30	1*60	0.00833	1.164244	0.994300	-2.29466	2.311324
{1}-{11}	C*30	1*120	-2.62500	1.164244	0.025800	-4.92799	-0.322010
{1}-{12}	C*30	1*180	-0.24167	1.164244	0.835882	-2.54466	2.061324
{1}-{13}	C*30	5*30	-0.98333	1.131823	0.386531	-3.22219	1.255524
{1}-{14}	C*30	5*60	-1.66667	1.164244	0.154638	-3.96966	0.636324
{1}-{15}	C*30	5*120	0.71667	1.164244	0.539242	-1.58632	3.019657
{1}-{16}	C*30	5*180	-0.01667	1.164244	0.988600	-2.31966	2.286324
{1}-{17}	C*30	10*30	-1.96667	1.131823	0.084612	-4.20552	0.272191
{1}-{18}	C*30	10*60	-0.54167	1.164244	0.642518	-2.84466	1.761324
{1}-{19}	C*30	10*120	-1.15833	1.164244	0.321594	-3.46132	1.144657
{1}-{20}	C*30	10*180	-1.19167	1.164244	0.307918	-3.49466	1.111324
{2}-{3}	C*60	C*120	-1.02000	1.105189	0.357733	-3.20617	1.166172
{2}-{4}	C*60	C*180	-1.58667	1.105189	0.153467	-3.77284	0.599506
{2}-{5}	C*60	0.1*30	-0.36167	1.164244	0.756560	-2.66466	1.941324
{2}-{6}	C*60	0.1*60	1.24667	1.131823	0.272697	-0.99219	3.485524

{2}-{7}	C*60	0.1*120	-0.80333	1.164244	0.491403	-3.10632	1.499657
{2}-{8}	C*60	0.1*180	-0.66167	1.164244	0.570781	-2.96466	1.641324
{2}-{9}	C*60	1*30	0.56333	1.164244	0.629286	-1.73966	2.866324
{2}-{10}	C*60	1*60	1.30500	1.131823	0.250991	-0.93386	3.543857
{2}-{11}	C*60	1*120	-1.32833	1.164244	0.255960	-3.63132	0.974657
{2}-{12}	C*60	1*180	1.05500	1.164244	0.366498	-1.24799	3.357990
{2}-{13}	C*60	5*30	0.31333	1.164244	0.788250	-1.98966	2.616324
{2}-{14}	C*60	5*60	-0.37000	1.131823	0.744257	-2.60886	1.868857
{2}-{15}	C*60	5*120	2.01333	1.164244	0.086092	-0.28966	4.316324
{2}-{16}	C*60	5*180	1.28000	1.164244	0.273584	-1.02299	3.582990
{2}-{17}	C*60	10*30	-0.67000	1.164244	0.565946	-2.97299	1.632990
{2}-{18}	C*60	10*60	0.75500	1.131823	0.505895	-1.48386	2.993857
{2}-{19}	C*60	10*120	0.13833	1.164244	0.905600	-2.16466	2.441324
{2}-{20}	C*60	10*180	0.10500	1.164244	0.928275	-2.19799	2.407990
{3}-{4}	C*120	C*180	-0.56667	1.105189	0.608995	-2.75284	1.619506
{3}-{5}	C*120	0.1*30	0.65833	1.164244	0.572721	-1.64466	2.961324
{3}-{6}	C*120	0.1*60	2.26667	1.164244	0.053670	-0.03632	4.569657
{3}-{7}	C*120	0.1*120	0.21667	1.131823	0.848482	-2.02219	2.455524
{3}-{8}	C*120	0.1*180	0.35833	1.164244	0.758733	-1.94466	2.661324
{3}-{9}	C*120	1*30	1.58333	1.164244	0.176159	-0.71966	3.886324
{3}-{10}	C*120	1*60	2.32500	1.164244	0.047881	0.02201	4.627990
{3}-{11}	C*120	1*120	-0.30833	1.131823	0.785723	-2.54719	1.930524
{3}-{12}	C*120	1*180	2.07500	1.164244	0.077004	-0.22799	4.377990
{3}-{13}	C*120	5*30	1.33333	1.164244	0.254184	-0.96966	3.636324
{3}-{14}	C*120	5*60	0.65000	1.164244	0.577584	-1.65299	2.952990
{3}-{15}	C*120	5*120	3.03333	1.131823	0.008299	0.79448	5.272191

{3}-{16}	C*120	5*180	2.30000	1.164244	0.050294	-0.00299	4.602990
{3}-{17}	C*120	10*30	0.35000	1.164244	0.764174	-1.95299	2.652990
{3}-{18}	C*120	10*60	1.77500	1.164244	0.129753	-0.52799	4.077990
{3}-{19}	C*120	10*120	1.15833	1.131823	0.307980	-1.08052	3.397191
{3}-{20}	C*120	10*180	1.12500	1.164244	0.335665	-1.17799	3.427990
{4}-{5}	C*180	0.1*30	1.22500	1.164244	0.294637	-1.07799	3.527990
{4}-{6}	C*180	0.1*60	2.83333	1.164244	0.016286	0.53034	5.136324
{4}-{7}	C*180	0.1*120	0.78333	1.164244	0.502234	-1.51966	3.086324
{4}-{8}	C*180	0.1*180	0.92500	1.131823	0.415249	-1.31386	3.163857
{4}-{9}	C*180	1*30	2.15000	1.164244	0.067031	-0.15299	4.452990
{4}-{10}	C*180	1*60	2.89167	1.164244	0.014254	0.58868	5.194657
{4}-{11}	C*180	1*120	0.25833	1.164244	0.824743	-2.04466	2.561324
{4}-{12}	C*180	1*180	2.64167	1.131823	0.021106	0.40281	4.880524
{4}-{13}	C*180	5*30	1.90000	1.164244	0.105071	-0.40299	4.202990
{4}-{14}	C*180	5*60	1.21667	1.164244	0.297920	-1.08632	3.519657
{4}-{15}	C*180	5*120	3.60000	1.164244	0.002425	1.29701	5.902990
{4}-{16}	C*180	5*180	2.86667	1.131823	0.012487	0.62781	5.105524
{4}-{17}	C*180	10*30	0.91667	1.164244	0.432489	-1.38632	3.219657
{4}-{18}	C*180	10*60	2.34167	1.164244	0.046328	0.03868	4.644657
{4}-{19}	C*180	10*120	1.72500	1.164244	0.140817	-0.57799	4.027990
{4}-{20}	C*180	10*180	1.69167	1.131823	0.137395	-0.54719	3.930524
{5}-{6}	0.1*30	0.1*60	1.60833	1.105189	0.147972	-0.57784	3.794506
{5}-{7}	0.1*30	0.1*120	-0.44167	1.105189	0.690075	-2.62784	1.744506
{5}-{8}	0.1*30	0.1*180	-0.30000	1.105189	0.786471	-2.48617	1.886172
{5}-{9}	0.1*30	1*30	0.92500	1.131823	0.415249	-1.31386	3.163857
{5}-{10}	0.1*30	1*60	1.66667	1.164244	0.154638	-0.63632	3.969657

{5}-{11}	0.1*30	1*120	-0.96667	1.164244	0.407871	-3.26966	1.336324
{5}-{12}	0.1*30	1*180	1.41667	1.164244	0.225847	-0.88632	3.719657
{5}-{13}	0.1*30	5*30	0.67500	1.131823	0.551941	-1.56386	2.913857
{5}-{14}	0.1*30	5*60	-0.00833	1.164244	0.994300	-2.31132	2.294657
{5}-{15}	0.1*30	5*120	2.37500	1.164244	0.043350	0.07201	4.677990
{5}-{16}	0.1*30	5*180	1.64167	1.164244	0.160871	-0.66132	3.944657
{5}-{17}	0.1*30	10*30	-0.30833	1.131823	0.785723	-2.54719	1.930524
{5}-{18}	0.1*30	10*60	1.11667	1.164244	0.339245	-1.18632	3.419657
{5}-{19}	0.1*30	10*120	0.50000	1.164244	0.668286	-1.80299	2.802990
{5}-{20}	0.1*30	10*180	0.46667	1.164244	0.689192	-1.83632	2.769657
{6}-{7}	0.1*60	0.1*120	-2.05000	1.105189	0.065843	-4.23617	0.136172
{6}-{8}	0.1*60	0.1*180	-1.90833	1.105189	0.086560	-4.09451	0.277839
{6}-{9}	0.1*60	1*30	-0.68333	1.164244	0.558251	-2.98632	1.619657
{6}-{10}	0.1*60	1*60	0.05833	1.131823	0.958974	-2.18052	2.297191
{6}-{11}	0.1*60	1*120	-2.57500	1.164244	0.028705	-4.87799	-0.272010
{6}-{12}	0.1*60	1*180	-0.19167	1.164244	0.869489	-2.49466	2.111324
{6}-{13}	0.1*60	5*30	-0.93333	1.164244	0.424188	-3.23632	1.369657
{6}-{14}	0.1*60	5*60	-1.61667	1.131823	0.155546	-3.85552	0.622191
{6}-{15}	0.1*60	5*120	0.76667	1.164244	0.511357	-1.53632	3.069657
{6}-{16}	0.1*60	5*180	0.03333	1.164244	0.977202	-2.26966	2.336324
{6}-{17}	0.1*60	10*30	-1.91667	1.164244	0.102086	-4.21966	0.386324
{6}-{18}	0.1*60	10*60	-0.49167	1.131823	0.664705	-2.73052	1.747191
{6}-{19}	0.1*60	10*120	-1.10833	1.164244	0.342849	-3.41132	1.194657
{6}-{20}	0.1*60	10*180	-1.14167	1.164244	0.328580	-3.44466	1.161324
{7}-{8}	0.1*120	0.1*180	0.14167	1.105189	0.898199	-2.04451	2.327839
{7}-{9}	0.1*120	1*30	1.36667	1.164244	0.242562	-0.93632	3.669657

{7}-{10}	0.1*120	1*60	2.10833	1.164244	0.072430	-0.19466	4.411324
{7}-{11}	0.1*120	1*120	-0.52500	1.131823	0.643517	-2.76386	1.713857
{7}-{12}	0.1*120	1*180	1.85833	1.164244	0.112842	-0.44466	4.161324
{7}-{13}	0.1*120	5*30	1.11667	1.164244	0.339245	-1.18632	3.419657
{7}-{14}	0.1*120	5*60	0.43333	1.164244	0.710340	-1.86966	2.736324
{7}-{15}	0.1*120	5*120	2.81667	1.131823	0.014069	0.57781	5.055524
{7}-{16}	0.1*120	5*180	2.08333	1.164244	0.075839	-0.21966	4.386324
{7}-{17}	0.1*120	10*30	0.13333	1.164244	0.908997	-2.16966	2.436324
{7}-{18}	0.1*120	10*60	1.55833	1.164244	0.183037	-0.74466	3.861324
{7}-{19}	0.1*120	10*120	0.94167	1.131823	0.406917	-1.29719	3.180524
{7}-{20}	0.1*120	10*180	0.90833	1.164244	0.436675	-1.39466	3.211324
{8}-{9}	0.1*180	1*30	1.22500	1.164244	0.294637	-1.07799	3.527990
{8}-{10}	0.1*180	1*60	1.96667	1.164244	0.093538	-0.33632	4.269657
{8}-{11}	0.1*180	1*120	-0.66667	1.164244	0.567878	-2.96966	1.636324
{8}-{12}	0.1*180	1*180	1.71667	1.131823	0.131727	-0.52219	3.955524
{8}-{13}	0.1*180	5*30	0.97500	1.164244	0.403852	-1.32799	3.277990
{8}-{14}	0.1*180	5*60	0.29167	1.164244	0.802575	-2.01132	2.594657
{8}-{15}	0.1*180	5*120	2.67500	1.164244	0.023156	0.37201	4.977990
{8}-{16}	0.1*180	5*180	1.94167	1.131823	0.088596	-0.29719	4.180524
{8}-{17}	0.1*180	10*30	-0.00833	1.164244	0.994300	-2.31132	2.294657
{8}-{18}	0.1*180	10*60	1.41667	1.164244	0.225847	-0.88632	3.719657
{8}-{19}	0.1*180	10*120	0.80000	1.164244	0.493199	-1.50299	3.102990
{8}-{20}	0.1*180	10*180	0.76667	1.131823	0.499355	-1.47219	3.005524
{9}-{10}	1*30	1*60	0.74167	1.105189	0.503344	-1.44451	2.927839
{9}-{11}	1*30	1*120	-1.89167	1.105189	0.089315	-4.07784	0.294506
{9}-{12}	1*30	1*180	0.49167	1.105189	0.657141	-1.69451	2.677839

{9}-{13}	1*30	5*30	-0.25000	1.131823	0.825525	-2.48886	1.988857
{9}-{14}	1*30	5*60	-0.93333	1.164244	0.424188	-3.23632	1.369657
{9}-{15}	1*30	5*120	1.45000	1.164244	0.215175	-0.85299	3.752990
{9}-{16}	1*30	5*180	0.71667	1.164244	0.539242	-1.58632	3.019657
{9}-{17}	1*30	10*30	-1.23333	1.131823	0.277836	-3.47219	1.005524
{9}-{18}	1*30	10*60	0.19167	1.164244	0.869489	-2.11132	2.494657
{9}-{19}	1*30	10*120	-0.42500	1.164244	0.715663	-2.72799	1.877990
{9}-{20}	1*30	10*180	-0.45833	1.164244	0.694457	-2.76132	1.844657
{10}-{11}	1*60	1*120	-2.63333	1.105189	0.018612	-4.81951	-0.447161
{10}-{12}	1*60	1*180	-0.25000	1.105189	0.821391	-2.43617	1.936172
{10}-{13}	1*60	5*30	-0.99167	1.164244	0.395885	-3.29466	1.311324
{10}-{14}	1*60	5*60	-1.67500	1.131823	0.141279	-3.91386	0.563857
{10}-{15}	1*60	5*120	0.70833	1.164244	0.543964	-1.59466	3.011324
{10}-{16}	1*60	5*180	-0.02500	1.164244	0.982901	-2.32799	2.277990
{10}-{17}	1*60	10*30	-1.97500	1.164244	0.092171	-4.27799	0.327990
{10}-{18}	1*60	10*60	-0.55000	1.131823	0.627814	-2.78886	1.688857
{10}-{19}	1*60	10*120	-1.16667	1.164244	0.318138	-3.46966	1.136324
{10}-{20}	1*60	10*180	-1.20000	1.164244	0.304561	-3.50299	1.102990
{11}-{12}	1*120	1*180	2.38333	1.105189	0.032857	0.19716	4.569506
{11}-{13}	1*120	5*30	1.64167	1.164244	0.160871	-0.66132	3.944657
{11}-{14}	1*120	5*60	0.95833	1.164244	0.411914	-1.34466	3.261324
{11}-{15}	1*120	5*120	3.34167	1.131823	0.003733	1.10281	5.580524
{11}-{16}	1*120	5*180	2.60833	1.164244	0.026739	0.30534	4.911324
{11}-{17}	1*120	10*30	0.65833	1.164244	0.572721	-1.64466	2.961324
{11}-{18}	1*120	10*60	2.08333	1.164244	0.075839	-0.21966	4.386324
{11}-{19}	1*120	10*120	1.46667	1.131823	0.197290	-0.77219	3.705524

{11}-{20}	1*120	10*180	1.43333	1.164244	0.220464	-0.86966	3.736324
{12}-{13}	1*180	5*30	-0.74167	1.164244	0.525204	-3.04466	1.561324
{12}-{14}	1*180	5*60	-1.42500	1.164244	0.223144	-3.72799	0.877990
{12}-{15}	1*180	5*120	0.95833	1.164244	0.411914	-1.34466	3.261324
{12}-{16}	1*180	5*180	0.22500	1.131823	0.842729	-2.01386	2.463857
{12}-{17}	1*180	10*30	-1.72500	1.164244	0.140817	-4.02799	0.577990
{12}-{18}	1*180	10*60	-0.30000	1.164244	0.797057	-2.60299	2.002990
{12}-{19}	1*180	10*120	-0.91667	1.164244	0.432489	-3.21966	1.386324
{12}-{20}	1*180	10*180	-0.95000	1.131823	0.402788	-3.18886	1.288857
{13}-{14}	5*30	5*60	-0.68333	1.105189	0.537446	-2.86951	1.502839
{13}-{15}	5*30	5*120	1.70000	1.105189	0.126394	-0.48617	3.886172
{13}-{16}	5*30	5*180	0.96667	1.105189	0.383346	-1.21951	3.152839
{13}-{17}	5*30	10*30	-0.98333	1.131823	0.386531	-3.22219	1.255524
{13}-{18}	5*30	10*60	0.44167	1.164244	0.705031	-1.86132	2.744657
{13}-{19}	5*30	10*120	-0.17500	1.164244	0.880748	-2.47799	2.127990
{13}-{20}	5*30	10*180	-0.20833	1.164244	0.858257	-2.51132	2.094657
{14}-{15}	5*60	5*120	2.38333	1.105189	0.032857	0.19716	4.569506
{14}-{16}	5*60	5*180	1.65000	1.105189	0.137835	-0.53617	3.836172
{14}-{17}	5*60	10*30	-0.30000	1.164244	0.797057	-2.60299	2.002990
{14}-{18}	5*60	10*60	1.12500	1.131823	0.322055	-1.11386	3.363857
{14}-{19}	5*60	10*120	0.50833	1.164244	0.663100	-1.79466	2.811324
{14}-{20}	5*60	10*180	0.47500	1.164244	0.683942	-1.82799	2.777990
{15}-{16}	5*120	5*180	-0.73333	1.105189	0.508144	-2.91951	1.452839
{15}-{17}	5*120	10*30	-2.68333	1.164244	0.022739	-4.98632	-0.380343
{15}-{18}	5*120	10*60	-1.25833	1.164244	0.281750	-3.56132	1.044657
{15}-{19}	5*120	10*120	-1.87500	1.131823	0.099972	-4.11386	0.363857



{15}-{20}	5*120	10*180	-1.90833	1.164244	0.103570	-4.21132	0.394657
{16}-{17}	5*180	10*30	-1.95000	1.164244	0.096320	-4.25299	0.352990
{16}-{18}	5*180	10*60	-0.52500	1.164244	0.652775	-2.82799	1.777990
{16}-{19}	5*180	10*120	-1.14167	1.164244	0.328580	-3.44466	1.161324
{16}-{20}	5*180	10*180	-1.17500	1.131823	0.301099	-3.41386	1.063857
{17}-{18}	10*30	10*60	1.42500	1.105189	0.199523	-0.76117	3.611172
{17}-{19}	10*30	10*120	0.80833	1.105189	0.465832	-1.37784	2.994506
{17}-{20}	10*30	10*180	0.77500	1.105189	0.484389	-1.41117	2.961172
{18}-{19}	10*60	10*120	-0.61667	1.105189	0.577807	-2.80284	1.569506
{18}-{20}	10*60	10*180	-0.65000	1.105189	0.557447	-2.83617	1.536172
{19}-{20}	10*120	10*180	-0.03333	1.105189	0.975984	-2.21951	2.152839

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 51.908	{2} - 59.558	{3} - 59.983	{4} - 49.542	{5} - 55.200	{6} - 57.942	{7} - 50.708	{8} - 44.467	{9} - 51.725	{10} - 56.558	{11} - 41.433	{12} - 38.133	{13} - 51.650	{14} - 55.550	{15} - 36.467	{16} - 42.417	{17} - 52.867	{18} - 53.300	{19} - 38.225	{20} - 43.517
1	C	30		0.149943	0.128753	0.654877	0.400342	0.262501	0.823245	0.167481	0.962590	0.387355	0.052846	0.011303	0.947305	0.498185	0.004640	0.078980	0.806338	0.795603	0.011845	0.119937
2	C	60	0.149943		0.935998	0.060122	0.417743	0.679259	0.101186	0.005628	0.146383	0.443281	0.000952	0.000107	0.142588	0.306093	0.000032	0.001737	0.214206	0.111066	0.000114	0.003308
3	C	120	0.128753	0.935998		0.050168	0.373929	0.703963	0.018869	0.004451	0.125881	0.524051	0.000005	0.000079	0.122510	0.409796	0.000000	0.001343	0.186680	0.214774	0.000000	0.002589
4	C	180	0.654877	0.060122	0.050168		0.293187	0.119573	0.828076	0.195575	0.684503	0.192906	0.132842	0.004065	0.694780	0.264475	0.016070	0.070062	0.536221	0.484546	0.036682	0.124895
5	0.1	30	0.400342	0.417743	0.373929	0.293187		0.604627	0.396708	0.044176	0.374694	0.800393	0.011352	0.001817	0.364504	0.948050	0.000648	0.018535	0.550803	0.723621	0.001919	0.031098
6	0.1	60	0.262501	0.679259	0.703963	0.119573	0.604627		0.173235	0.011887	0.248346	0.723467	0.002527	0.000322	0.242713	0.540901	0.000103	0.004430	0.345591	0.236269	0.000342	0.008058
7	0.1	120	0.823245	0.101186	0.018869	0.828076	0.396708	0.173235		0.239504	0.849896	0.277212	0.018869	0.020496	0.860850	0.368148	0.000376	0.124374	0.687922	0.629624	0.001723	0.182109
8	0.1	180	0.167481	0.005628	0.004451	0.195575	0.044176	0.011887	0.239504		0.178118	0.025762	0.572516	0.106891	0.182613	0.040669	0.138054	0.600140	0.119573	0.101824	0.246458	0.807989
9	1	30	0.962590	0.146383	0.125881	0.684503	0.374694	0.248346	0.849896	0.178118		0.361881	0.053509	0.011189	0.984691	0.476846	0.005136	0.084872	0.770258	0.769402	0.012999	0.128169

10	1	60	0.387355	0.443281	0.524051	0.192906	0.800393	0.723467	0.277212	0.025762	0.361881		0.004880	0.000662	0.361611	0.796453	0.000266	0.009352	0.492315	0.405117	0.000835	0.016336
11	1	120	0.052846	0.000952	0.000005	0.132842	0.011352	0.002527	0.018869	0.572516	0.053509	0.004880		0.533248	0.058882	0.009474	0.205226	0.854761	0.034818	0.028594	0.412345	0.698219
12	1	180	0.011303	0.000107	0.000079	0.004065	0.001817	0.000322	0.020496	0.106891	0.011189	0.000662	0.533248		0.012890	0.001472	0.756399	0.274235	0.006836	0.005402	0.986385	0.169955
13	5	30	0.947305	0.142588	0.122510	0.694780	0.364504	0.242713	0.860850	0.182613	0.984691	0.361611	0.058882	0.012890		0.461656	0.004722	0.082808	0.755637	0.758758	0.013500	0.131661
14	5	60	0.498185	0.306093	0.409796	0.264475	0.948050	0.540901	0.368148	0.040669	0.476846	0.796453	0.009474	0.001472	0.461656		0.000430	0.014161	0.617570	0.565102	0.001556	0.026472
15	5	120	0.004640	0.000032	0.000000	0.016070	0.000648	0.000103	0.000376	0.138054	0.005136	0.000266	0.205226	0.756399	0.004722	0.000430		0.262062	0.002691	0.002087	0.652941	0.190814
16	5	180	0.078980	0.001737	0.001343	0.070062	0.018535	0.004430	0.124374	0.600140	0.084872	0.009352	0.854761	0.274235	0.082808	0.014161	0.262062		0.053407	0.044376	0.435728	0.778417
17	10	30	0.806338	0.214206	0.186680	0.536221	0.550803	0.345591	0.687922	0.119573	0.770258	0.492315	0.034818	0.006836	0.755637	0.617570	0.002691	0.053407		0.934746	0.006383	0.079040
18	10	60	0.795603	0.111066	0.214774	0.484546	0.723621	0.236269	0.629624	0.101824	0.769402	0.405117	0.028594	0.005402	0.758758	0.565102	0.002087	0.044376	0.934746		0.005019	0.066259
19	10	120	0.011845	0.000114	0.000000	0.036682	0.001919	0.000342	0.001723	0.246458	0.012999	0.000835	0.412345	0.986385	0.013500	0.001556	0.652941	0.435728	0.006383	0.005019		0.318310
20	10	180	0.119937	0.003308	0.002589	0.124895	0.031098	0.008058	0.182109	0.807989	0.128169	0.016336	0.698219	0.169955	0.131661	0.026472	0.190814	0.778417	0.079040	0.066259	0.318310	

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-7.6500	5.282558	0.149943	-18.0994	2.79942
{1}-{3}	C*30	C*120	-8.0750	5.282558	0.128753	-18.5244	2.37442
{1}-{4}	C*30	C*180	2.3667	5.282558	0.654877	-8.0828	12.81609
{1}-{5}	C*30	0.1*30	-3.2917	3.901288	0.400342	-11.0088	4.42547
{1}-{6}	C*30	0.1*60	-6.0333	5.361506	0.262501	-16.6389	4.57226
{1}-{7}	C*30	0.1*120	1.2000	5.361506	0.823245	-9.4056	11.80559
{1}-{8}	C*30	0.1*180	7.4417	5.361506	0.167481	-3.1639	18.04726
{1}-{9}	C*30	1*30	0.1833	3.901288	0.962590	-7.5338	7.90047

{1}-{10}	C*30	1*60	-4.6500	5.361506	0.387355	-15.2556	5.95559
{1}-{11}	C*30	1*120	10.4750	5.361506	0.052846	-0.1306	21.08059
{1}-{12}	C*30	1*180	13.7750	5.361506	0.011303	3.1694	24.38059
{1}-{13}	C*30	5*30	0.2583	3.901288	0.947305	-7.4588	7.97547
{1}-{14}	C*30	5*60	-3.6417	5.361506	0.498185	-14.2473	6.96392
{1}-{15}	C*30	5*120	15.4417	5.361506	0.004640	4.8361	26.04726
{1}-{16}	C*30	5*180	9.4917	5.361506	0.078980	-1.1139	20.09726
{1}-{17}	C*30	10*30	-0.9583	3.901288	0.806338	-8.6755	6.75880
{1}-{18}	C*30	10*60	-1.3917	5.361506	0.795603	-11.9973	9.21392
{1}-{19}	C*30	10*120	13.6833	5.361506	0.011845	3.0777	24.28892
{1}-{20}	C*30	10*180	8.3917	5.361506	0.119937	-2.2139	18.99726
{2}-{3}	C*60	C*120	-0.4250	5.282558	0.935998	-10.8744	10.02442
{2}-{4}	C*60	C*180	10.0167	5.282558	0.060122	-0.4328	20.46609
{2}-{5}	C*60	0.1*30	4.3583	5.361506	0.417743	-6.2473	14.96392
{2}-{6}	C*60	0.1*60	1.6167	3.901288	0.679259	-6.1005	9.33380
{2}-{7}	C*60	0.1*120	8.8500	5.361506	0.101186	-1.7556	19.45559
{2}-{8}	C*60	0.1*180	15.0917	5.361506	0.005628	4.4861	25.69726
{2}-{9}	C*60	1*30	7.8333	5.361506	0.146383	-2.7723	18.43892
{2}-{10}	C*60	1*60	3.0000	3.901288	0.443281	-4.7171	10.71713
{2}-{11}	C*60	1*120	18.1250	5.361506	0.000952	7.5194	28.73059
{2}-{12}	C*60	1*180	21.4250	5.361506	0.000107	10.8194	32.03059
{2}-{13}	C*60	5*30	7.9083	5.361506	0.142588	-2.6973	18.51392
{2}-{14}	C*60	5*60	4.0083	3.901288	0.306093	-3.7088	11.72547
{2}-{15}	C*60	5*120	23.0917	5.361506	0.000032	12.4861	33.69726
{2}-{16}	C*60	5*180	17.1417	5.361506	0.001737	6.5361	27.74726
{2}-{17}	C*60	10*30	6.6917	5.361506	0.214206	-3.9139	17.29726

{2}-{18}	C*60	10*60	6.2583	3.901288	0.111066	-1.4588	13.97547
{2}-{19}	C*60	10*120	21.3333	5.361506	0.000114	10.7277	31.93892
{2}-{20}	C*60	10*180	16.0417	5.361506	0.003308	5.4361	26.64726
{3}-{4}	C*120	C*180	10.4417	5.282558	0.050168	-0.0078	20.89109
{3}-{5}	C*120	0.1*30	4.7833	5.361506	0.373929	-5.8223	15.38892
{3}-{6}	C*120	0.1*60	2.0417	5.361506	0.703963	-8.5639	12.64726
{3}-{7}	C*120	0.1*120	9.2750	3.901288	0.018869	1.5579	16.99213
{3}-{8}	C*120	0.1*180	15.5167	5.361506	0.004451	4.9111	26.12226
{3}-{9}	C*120	1*30	8.2583	5.361506	0.125881	-2.3473	18.86392
{3}-{10}	C*120	1*60	3.4250	5.361506	0.524051	-7.1806	14.03059
{3}-{11}	C*120	1*120	18.5500	3.901288	0.000005	10.8329	26.26713
{3}-{12}	C*120	1*180	21.8500	5.361506	0.000079	11.2444	32.45559
{3}-{13}	C*120	5*30	8.3333	5.361506	0.122510	-2.2723	18.93892
{3}-{14}	C*120	5*60	4.4333	5.361506	0.409796	-6.1723	15.03892
{3}-{15}	C*120	5*120	23.5167	3.901288	0.000000	15.7995	31.23380
{3}-{16}	C*120	5*180	17.5667	5.361506	0.001343	6.9611	28.17226
{3}-{17}	C*120	10*30	7.1167	5.361506	0.186680	-3.4889	17.72226
{3}-{18}	C*120	10*60	6.6833	5.361506	0.214774	-3.9223	17.28892
{3}-{19}	C*120	10*120	21.7583	3.901288	0.000000	14.0412	29.47547
{3}-{20}	C*120	10*180	16.4667	5.361506	0.002589	5.8611	27.07226
{4}-{5}	C*180	0.1*30	-5.6583	5.361506	0.293187	-16.2639	4.94726
{4}-{6}	C*180	0.1*60	-8.4000	5.361506	0.119573	-19.0056	2.20559
{4}-{7}	C*180	0.1*120	-1.1667	5.361506	0.828076	-11.7723	9.43892
{4}-{8}	C*180	0.1*180	5.0750	3.901288	0.195575	-2.6421	12.79213
{4}-{9}	C*180	1*30	-2.1833	5.361506	0.684503	-12.7889	8.42226
{4}-{10}	C*180	1*60	-7.0167	5.361506	0.192906	-17.6223	3.58892

{4}-{11}	C*180	1*120	8.1083	5.361506	0.132842	-2.4973	18.71392
{4}-{12}	C*180	1*180	11.4083	3.901288	0.004065	3.6912	19.12547
{4}-{13}	C*180	5*30	-2.1083	5.361506	0.694780	-12.7139	8.49726
{4}-{14}	C*180	5*60	-6.0083	5.361506	0.264475	-16.6139	4.59726
{4}-{15}	C*180	5*120	13.0750	5.361506	0.016070	2.4694	23.68059
{4}-{16}	C*180	5*180	7.1250	3.901288	0.070062	-0.5921	14.84213
{4}-{17}	C*180	10*30	-3.3250	5.361506	0.536221	-13.9306	7.28059
{4}-{18}	C*180	10*60	-3.7583	5.361506	0.484546	-14.3639	6.84726
{4}-{19}	C*180	10*120	11.3167	5.361506	0.036682	0.7111	21.92226
{4}-{20}	C*180	10*180	6.0250	3.901288	0.124895	-1.6921	13.74213
{5}-{6}	0.1*30	0.1*60	-2.7417	5.282558	0.604627	-13.1911	7.70775
{5}-{7}	0.1*30	0.1*120	4.4917	5.282558	0.396708	-5.9578	14.94109
{5}-{8}	0.1*30	0.1*180	10.7333	5.282558	0.044176	0.2839	21.18275
{5}-{9}	0.1*30	1*30	3.4750	3.901288	0.374694	-4.2421	11.19213
{5}-{10}	0.1*30	1*60	-1.3583	5.361506	0.800393	-11.9639	9.24726
{5}-{11}	0.1*30	1*120	13.7667	5.361506	0.011352	3.1611	24.37226
{5}-{12}	0.1*30	1*180	17.0667	5.361506	0.001817	6.4611	27.67226
{5}-{13}	0.1*30	5*30	3.5500	3.901288	0.364504	-4.1671	11.26713
{5}-{14}	0.1*30	5*60	-0.3500	5.361506	0.948050	-10.9556	10.25559
{5}-{15}	0.1*30	5*120	18.7333	5.361506	0.000648	8.1277	29.33892
{5}-{16}	0.1*30	5*180	12.7833	5.361506	0.018535	2.1777	23.38892
{5}-{17}	0.1*30	10*30	2.3333	3.901288	0.550803	-5.3838	10.05047
{5}-{18}	0.1*30	10*60	1.9000	5.361506	0.723621	-8.7056	12.50559
{5}-{19}	0.1*30	10*120	16.9750	5.361506	0.001919	6.3694	27.58059
{5}-{20}	0.1*30	10*180	11.6833	5.361506	0.031098	1.0777	22.28892
{6}-{7}	0.1*60	0.1*120	7.2333	5.282558	0.173235	-3.2161	17.68275

{6}-{8}	0.1*60	0.1*180	13.4750	5.282558	0.011887	3.0256	23.92442
{6}-{9}	0.1*60	1*30	6.2167	5.361506	0.248346	-4.3889	16.82226
{6}-{10}	0.1*60	1*60	1.3833	3.901288	0.723467	-6.3338	9.10047
{6}-{11}	0.1*60	1*120	16.5083	5.361506	0.002527	5.9027	27.11392
{6}-{12}	0.1*60	1*180	19.8083	5.361506	0.000322	9.2027	30.41392
{6}-{13}	0.1*60	5*30	6.2917	5.361506	0.242713	-4.3139	16.89726
{6}-{14}	0.1*60	5*60	2.3917	3.901288	0.540901	-5.3255	10.10880
{6}-{15}	0.1*60	5*120	21.4750	5.361506	0.000103	10.8694	32.08059
{6}-{16}	0.1*60	5*180	15.5250	5.361506	0.004430	4.9194	26.13059
{6}-{17}	0.1*60	10*30	5.0750	5.361506	0.345591	-5.5306	15.68059
{6}-{18}	0.1*60	10*60	4.6417	3.901288	0.236269	-3.0755	12.35880
{6}-{19}	0.1*60	10*120	19.7167	5.361506	0.000342	9.1111	30.32226
{6}-{20}	0.1*60	10*180	14.4250	5.361506	0.008058	3.8194	25.03059
{7}-{8}	0.1*120	0.1*180	6.2417	5.282558	0.239504	-4.2078	16.69109
{7}-{9}	0.1*120	1*30	-1.0167	5.361506	0.849896	-11.6223	9.58892
{7}-{10}	0.1*120	1*60	-5.8500	5.361506	0.277212	-16.4556	4.75559
{7}-{11}	0.1*120	1*120	9.2750	3.901288	0.018869	1.5579	16.99213
{7}-{12}	0.1*120	1*180	12.5750	5.361506	0.020496	1.9694	23.18059
{7}-{13}	0.1*120	5*30	-0.9417	5.361506	0.860850	-11.5473	9.66392
{7}-{14}	0.1*120	5*60	-4.8417	5.361506	0.368148	-15.4473	5.76392
{7}-{15}	0.1*120	5*120	14.2417	3.901288	0.000376	6.5245	21.95880
{7}-{16}	0.1*120	5*180	8.2917	5.361506	0.124374	-2.3139	18.89726
{7}-{17}	0.1*120	10*30	-2.1583	5.361506	0.687922	-12.7639	8.44726
{7}-{18}	0.1*120	10*60	-2.5917	5.361506	0.629624	-13.1973	8.01392
{7}-{19}	0.1*120	10*120	12.4833	3.901288	0.001723	4.7662	20.20047
{7}-{20}	0.1*120	10*180	7.1917	5.361506	0.182109	-3.4139	17.79726

{8}-{9}	0.1*180	1*30	-7.2583	5.361506	0.178118	-17.8639	3.34726
{8}-{10}	0.1*180	1*60	-12.0917	5.361506	0.025762	-22.6973	-1.48608
{8}-{11}	0.1*180	1*120	3.0333	5.361506	0.572516	-7.5723	13.63892
{8}-{12}	0.1*180	1*180	6.3333	3.901288	0.106891	-1.3838	14.05047
{8}-{13}	0.1*180	5*30	-7.1833	5.361506	0.182613	-17.7889	3.42226
{8}-{14}	0.1*180	5*60	-11.0833	5.361506	0.040669	-21.6889	-0.47774
{8}-{15}	0.1*180	5*120	8.0000	5.361506	0.138054	-2.6056	18.60559
{8}-{16}	0.1*180	5*180	2.0500	3.901288	0.600140	-5.6671	9.76713
{8}-{17}	0.1*180	10*30	-8.4000	5.361506	0.119573	-19.0056	2.20559
{8}-{18}	0.1*180	10*60	-8.8333	5.361506	0.101824	-19.4389	1.77226
{8}-{19}	0.1*180	10*120	6.2417	5.361506	0.246458	-4.3639	16.84726
{8}-{20}	0.1*180	10*180	0.9500	3.901288	0.807989	-6.7671	8.66713
{9}-{10}	1*30	1*60	-4.8333	5.282558	0.361881	-15.2828	5.61609
{9}-{11}	1*30	1*120	10.2917	5.282558	0.053509	-0.1578	20.74109
{9}-{12}	1*30	1*180	13.5917	5.282558	0.011189	3.1422	24.04109
{9}-{13}	1*30	5*30	0.0750	3.901288	0.984691	-7.6421	7.79213
{9}-{14}	1*30	5*60	-3.8250	5.361506	0.476846	-14.4306	6.78059
{9}-{15}	1*30	5*120	15.2583	5.361506	0.005136	4.6527	25.86392
{9}-{16}	1*30	5*180	9.3083	5.361506	0.084872	-1.2973	19.91392
{9}-{17}	1*30	10*30	-1.1417	3.901288	0.770258	-8.8588	6.57547
{9}-{18}	1*30	10*60	-1.5750	5.361506	0.769402	-12.1806	9.03059
{9}-{19}	1*30	10*120	13.5000	5.361506	0.012999	2.8944	24.10559
{9}-{20}	1*30	10*180	8.2083	5.361506	0.128169	-2.3973	18.81392
{10}-{11}	1*60	1*120	15.1250	5.282558	0.004880	4.6756	25.57442
{10}-{12}	1*60	1*180	18.4250	5.282558	0.000662	7.9756	28.87442
{10}-{13}	1*60	5*30	4.9083	5.361506	0.361611	-5.6973	15.51392

{10}-{14}	1*60	5*60	1.0083	3.901288	0.796453	-6.7088	8.72547
{10}-{15}	1*60	5*120	20.0917	5.361506	0.000266	9.4861	30.69726
{10}-{16}	1*60	5*180	14.1417	5.361506	0.009352	3.5361	24.74726
{10}-{17}	1*60	10*30	3.6917	5.361506	0.492315	-6.9139	14.29726
{10}-{18}	1*60	10*60	3.2583	3.901288	0.405117	-4.4588	10.97547
{10}-{19}	1*60	10*120	18.3333	5.361506	0.000835	7.7277	28.93892
{10}-{20}	1*60	10*180	13.0417	5.361506	0.016336	2.4361	23.64726
{11}-{12}	1*120	1*180	3.3000	5.282558	0.533248	-7.1494	13.74942
{11}-{13}	1*120	5*30	-10.2167	5.361506	0.058882	-20.8223	0.38892
{11}-{14}	1*120	5*60	-14.1167	5.361506	0.009474	-24.7223	-3.51108
{11}-{15}	1*120	5*120	4.9667	3.901288	0.205226	-2.7505	12.68380
{11}-{16}	1*120	5*180	-0.9833	5.361506	0.854761	-11.5889	9.62226
{11}-{17}	1*120	10*30	-11.4333	5.361506	0.034818	-22.0389	-0.82774
{11}-{18}	1*120	10*60	-11.8667	5.361506	0.028594	-22.4723	-1.26108
{11}-{19}	1*120	10*120	3.2083	3.901288	0.412345	-4.5088	10.92547
{11}-{20}	1*120	10*180	-2.0833	5.361506	0.698219	-12.6889	8.52226
{12}-{13}	1*180	5*30	-13.5167	5.361506	0.012890	-24.1223	-2.91108
{12}-{14}	1*180	5*60	-17.4167	5.361506	0.001472	-28.0223	-6.81108
{12}-{15}	1*180	5*120	1.6667	5.361506	0.756399	-8.9389	12.27226
{12}-{16}	1*180	5*180	-4.2833	3.901288	0.274235	-12.0005	3.43380
{12}-{17}	1*180	10*30	-14.7333	5.361506	0.006836	-25.3389	-4.12774
{12}-{18}	1*180	10*60	-15.1667	5.361506	0.005402	-25.7723	-4.56108
{12}-{19}	1*180	10*120	-0.0917	5.361506	0.986385	-10.6973	10.51392
{12}-{20}	1*180	10*180	-5.3833	3.901288	0.169955	-13.1005	2.33380
{13}-{14}	5*30	5*60	-3.9000	5.282558	0.461656	-14.3494	6.54942
{13}-{15}	5*30	5*120	15.1833	5.282558	0.004722	4.7339	25.63275



{13}-{16}	5*30	5*180	9.2333	5.282558	0.082808	-1.2161	19.68275
{13}-{17}	5*30	10*30	-1.2167	3.901288	0.755637	-8.9338	6.50047
{13}-{18}	5*30	10*60	-1.6500	5.361506	0.758758	-12.2556	8.95559
{13}-{19}	5*30	10*120	13.4250	5.361506	0.013500	2.8194	24.03059
{13}-{20}	5*30	10*180	8.1333	5.361506	0.131661	-2.4723	18.73892
{14}-{15}	5*60	5*120	19.0833	5.282558	0.000430	8.6339	29.53275
{14}-{16}	5*60	5*180	13.1333	5.282558	0.014161	2.6839	23.58275
{14}-{17}	5*60	10*30	2.6833	5.361506	0.617570	-7.9223	13.28892
{14}-{18}	5*60	10*60	2.2500	3.901288	0.565102	-5.4671	9.96713
{14}-{19}	5*60	10*120	17.3250	5.361506	0.001556	6.7194	27.93059
{14}-{20}	5*60	10*180	12.0333	5.361506	0.026472	1.4277	22.63892
{15}-{16}	5*120	5*180	-5.9500	5.282558	0.262062	-16.3994	4.49942
{15}-{17}	5*120	10*30	-16.4000	5.361506	0.002691	-27.0056	-5.79441
{15}-{18}	5*120	10*60	-16.8333	5.361506	0.002087	-27.4389	-6.22774
{15}-{19}	5*120	10*120	-1.7583	3.901288	0.652941	-9.4755	5.95880
{15}-{20}	5*120	10*180	-7.0500	5.361506	0.190814	-17.6556	3.55559
{16}-{17}	5*180	10*30	-10.4500	5.361506	0.053407	-21.0556	0.15559
{16}-{18}	5*180	10*60	-10.8833	5.361506	0.044376	-21.4889	-0.27774
{16}-{19}	5*180	10*120	4.1917	5.361506	0.435728	-6.4139	14.79726
{16}-{20}	5*180	10*180	-1.1000	3.901288	0.778417	-8.8171	6.61713
{17}-{18}	10*30	10*60	-0.4333	5.282558	0.934746	-10.8828	10.01609
{17}-{19}	10*30	10*120	14.6417	5.282558	0.006383	4.1922	25.09109
{17}-{20}	10*30	10*180	9.3500	5.282558	0.079040	-1.0994	19.79942
{18}-{19}	10*60	10*120	15.0750	5.282558	0.005019	4.6256	25.52442
{18}-{20}	10*60	10*180	9.7833	5.282558	0.066259	-0.6661	20.23275
{19}-{20}	10*120	10*180	-5.2917	5.282558	0.318310	-15.7411	5.15775

LSD test; variable VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 17.075	{2} - 19.667	{3} - 17.667	{4} - 16.275	{5} - 19.133	{6} - 21.800	{7} - 20.183	{8} - 12.917	{9} - 14.675	{10} - 21.683	{11} - 14.775	{12} - 10.808	{13} - 14.300	{14} - 17.708	{15} - 10.192	{16} - 12.267	{17} - 13.017	{18} - 14.450	{19} - 11.067	{20} - 10.942
1	C	30		0.363289	0.835341	0.778690	0.270991	0.103079	0.282181	0.150935	0.199686	0.111779	0.425711	0.031255	0.138533	0.826194	0.018200	0.097204	0.031069	0.363467	0.038783	0.034965
2	C	60	0.363289		0.482671	0.234669	0.853293	0.253996	0.857827	0.020520	0.085232	0.280767	0.091603	0.002540	0.064487	0.294855	0.001278	0.011256	0.022427	0.005851	0.003353	0.002933
3	C	120	0.835341	0.482671		0.625040	0.611236	0.153388	0.178828	0.101287	0.300559	0.165238	0.122830	0.018617	0.244274	0.988473	0.000099	0.062867	0.108607	0.265820	0.000545	0.020983
4	C	180	0.778690	0.234669	0.625040		0.322530	0.057092	0.176855	0.073580	0.579258	0.062468	0.603168	0.003925	0.493841	0.619352	0.036451	0.033165	0.259706	0.527172	0.072666	0.004865
5	0.1	30	0.270991	0.853293	0.611236	0.322530		0.349614	0.712272	0.030409	0.018057	0.377295	0.132392	0.004477	0.010508	0.621389	0.002319	0.018477	0.001307	0.106121	0.005837	0.005138
6	0.1	60	0.103079	0.253996	0.153388	0.057092	0.349614		0.570276	0.002173	0.014582	0.950136	0.015993	0.000206	0.010227	0.029736	0.000093	0.001196	0.002755	0.000128	0.000285	0.000243
7	0.1	120	0.282181	0.857827	0.178828	0.176855	0.712272	0.570276		0.011661	0.057835	0.603168	0.004314	0.001432	0.042954	0.391446	0.000000	0.006791	0.014027	0.048459	0.000003	0.001664
8	0.1	180	0.150935	0.020520	0.101287	0.073580	0.030409	0.002173	0.011661		0.542350	0.002805	0.519666	0.259575	0.631615	0.098357	0.345536	0.727587	0.972339	0.595148	0.521537	0.290781
9	1	30	0.199686	0.085232	0.300559	0.579258	0.018057	0.014582	0.057835	0.542350		0.014908	0.971973	0.175810	0.840703	0.293905	0.121741	0.404295	0.374766	0.937815	0.212223	0.196904
10	1	60	0.111779	0.280767	0.165238	0.062468	0.377295	0.950136	0.603168	0.002805	0.014908		0.016367	0.000199	0.011436	0.034630	0.000108	0.001366	0.003123	0.000161	0.000329	0.000282
11	1	120	0.425711	0.091603	0.122830	0.603168	0.132392	0.015993	0.004314	0.519666	0.971973	0.016367		0.164976	0.869184	0.310044	0.015128	0.385117	0.542350	0.910277	0.048486	0.185251
12	1	180	0.031255	0.002540	0.018617	0.003925	0.004477	0.000206	0.001432	0.259575	0.175810	0.000199	0.164976		0.227291	0.017927	0.830697	0.434920	0.444344	0.208056	0.928625	0.943024
13	5	30	0.138533	0.064487	0.244274	0.493841	0.010508	0.010227	0.042954	0.631615	0.840703	0.011436	0.869184	0.227291		0.232390	0.150508	0.475418	0.491904	0.958520	0.263362	0.245438
14	5	60	0.826194	0.294855	0.988473	0.619352	0.621389	0.029736	0.391446	0.098357	0.293905	0.034630	0.310044	0.017927	0.232390		0.009138	0.057595	0.105507	0.082465	0.022593	0.020216
15	5	120	0.018200	0.001278	0.000099	0.036451	0.002319	0.000093	0.000000	0.345536	0.121741	0.000108	0.015128	0.830697	0.150508	0.009138		0.466438	0.328185	0.141428	0.639193	0.794844
16	5	180	0.097204	0.011256	0.062867	0.033165	0.018477	0.001196	0.006791	0.727587	0.404295	0.001366	0.385117	0.434920	0.475418	0.057595	0.466438		0.794844	0.449506	0.677441	0.477979
17	10	30	0.031069	0.022427	0.108607	0.259706	0.001307	0.002755	0.014027	0.972339	0.374766	0.003123	0.542350	0.444344	0.491904	0.105507	0.328185	0.794844		0.614726	0.493663	0.466438
18	10	60	0.363467	0.005851	0.265820	0.527172	0.106121	0.000128	0.048459	0.595148	0.937815	0.000161	0.910277	0.208056	0.958520	0.082465	0.141428	0.449506	0.614726		0.235815	0.219047
19	10	120	0.038783	0.003353	0.000545	0.072666	0.005837	0.000285	0.000003	0.521537	0.212223	0.000329	0.048486	0.928625	0.263362	0.022593	0.639193	0.677441	0.493663	0.235815		0.964971
20	10	180	0.034965	0.002933	0.020983	0.004865	0.005138	0.000243	0.001664	0.290781	0.196904	0.000282	0.185251	0.943024	0.245438	0.020216	0.794844	0.477979	0.466438	0.219047	0.964971	

LSD test; variable VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-2.59167	2.840896	0.363289	-8.2112	3.02791
{1}-{3}	C*30	C*120	-0.59167	2.840896	0.835341	-6.2112	5.02791
{1}-{4}	C*30	C*180	0.80000	2.840896	0.778690	-4.8196	6.41957
{1}-{5}	C*30	0.1*30	-2.05833	1.862049	0.270991	-5.7416	1.62498
{1}-{6}	C*30	0.1*60	-4.72500	2.878505	0.103079	-10.4190	0.96897
{1}-{7}	C*30	0.1*120	-3.10833	2.878505	0.282181	-8.8023	2.58563
{1}-{8}	C*30	0.1*180	4.15833	2.878505	0.150935	-1.5356	9.85230
{1}-{9}	C*30	1*30	2.40000	1.862049	0.199686	-1.2833	6.08332
{1}-{10}	C*30	1*60	-4.60833	2.878505	0.111779	-10.3023	1.08563
{1}-{11}	C*30	1*120	2.30000	2.878505	0.425711	-3.3940	7.99397
{1}-{12}	C*30	1*180	6.26667	2.878505	0.031255	0.5727	11.96063
{1}-{13}	C*30	5*30	2.77500	1.862049	0.138533	-0.9083	6.45832
{1}-{14}	C*30	5*60	-0.63333	2.878505	0.826194	-6.3273	5.06063
{1}-{15}	C*30	5*120	6.88333	2.878505	0.018200	1.1894	12.57730
{1}-{16}	C*30	5*180	4.80833	2.878505	0.097204	-0.8856	10.50230
{1}-{17}	C*30	10*30	4.05833	1.862049	0.031069	0.3750	7.74165
{1}-{18}	C*30	10*60	2.62500	2.878505	0.363467	-3.0690	8.31897
{1}-{19}	C*30	10*120	6.00833	2.878505	0.038783	0.3144	11.70230
{1}-{20}	C*30	10*180	6.13333	2.878505	0.034965	0.4394	11.82730
{2}-{3}	C*60	C*120	2.00000	2.840896	0.482671	-3.6196	7.61957

{2}-{4}	C*60	C*180	3.39167	2.840896	0.234669	-2.2279	9.01124
{2}-{5}	C*60	0.1*30	0.53333	2.878505	0.853293	-5.1606	6.22730
{2}-{6}	C*60	0.1*60	-2.13333	1.862049	0.253996	-5.8166	1.54998
{2}-{7}	C*60	0.1*120	-0.51667	2.878505	0.857827	-6.2106	5.17730
{2}-{8}	C*60	0.1*180	6.75000	2.878505	0.020520	1.0560	12.44397
{2}-{9}	C*60	1*30	4.99167	2.878505	0.085232	-0.7023	10.68563
{2}-{10}	C*60	1*60	-2.01667	1.862049	0.280767	-5.7000	1.66665
{2}-{11}	C*60	1*120	4.89167	2.878505	0.091603	-0.8023	10.58563
{2}-{12}	C*60	1*180	8.85833	2.878505	0.002540	3.1644	14.55230
{2}-{13}	C*60	5*30	5.36667	2.878505	0.064487	-0.3273	11.06063
{2}-{14}	C*60	5*60	1.95833	1.862049	0.294855	-1.7250	5.64165
{2}-{15}	C*60	5*120	9.47500	2.878505	0.001278	3.7810	15.16897
{2}-{16}	C*60	5*180	7.40000	2.878505	0.011256	1.7060	13.09397
{2}-{17}	C*60	10*30	6.65000	2.878505	0.022427	0.9560	12.34397
{2}-{18}	C*60	10*60	5.21667	1.862049	0.005851	1.5334	8.89998
{2}-{19}	C*60	10*120	8.60000	2.878505	0.003353	2.9060	14.29397
{2}-{20}	C*60	10*180	8.72500	2.878505	0.002933	3.0310	14.41897
{3}-{4}	C*120	C*180	1.39167	2.840896	0.625040	-4.2279	7.01124
{3}-{5}	C*120	0.1*30	-1.46667	2.878505	0.611236	-7.1606	4.22730
{3}-{6}	C*120	0.1*60	-4.13333	2.878505	0.153388	-9.8273	1.56063
{3}-{7}	C*120	0.1*120	-2.51667	1.862049	0.178828	-6.2000	1.16665
{3}-{8}	C*120	0.1*180	4.75000	2.878505	0.101287	-0.9440	10.44397
{3}-{9}	C*120	1*30	2.99167	2.878505	0.300559	-2.7023	8.68563
{3}-{10}	C*120	1*60	-4.01667	2.878505	0.165238	-9.7106	1.67730
{3}-{11}	C*120	1*120	2.89167	1.862049	0.122830	-0.7916	6.57498
{3}-{12}	C*120	1*180	6.85833	2.878505	0.018617	1.1644	12.55230

{3}-{13}	C*120	5*30	3.36667	2.878505	0.244274	-2.3273	9.06063
{3}-{14}	C*120	5*60	-0.04167	2.878505	0.988473	-5.7356	5.65230
{3}-{15}	C*120	5*120	7.47500	1.862049	0.000099	3.7917	11.15832
{3}-{16}	C*120	5*180	5.40000	2.878505	0.062867	-0.2940	11.09397
{3}-{17}	C*120	10*30	4.65000	2.878505	0.108607	-1.0440	10.34397
{3}-{18}	C*120	10*60	3.21667	2.878505	0.265820	-2.4773	8.91063
{3}-{19}	C*120	10*120	6.60000	1.862049	0.000545	2.9167	10.28332
{3}-{20}	C*120	10*180	6.72500	2.878505	0.020983	1.0310	12.41897
{4}-{5}	C*180	0.1*30	-2.85833	2.878505	0.322530	-8.5523	2.83563
{4}-{6}	C*180	0.1*60	-5.52500	2.878505	0.057092	-11.2190	0.16897
{4}-{7}	C*180	0.1*120	-3.90833	2.878505	0.176855	-9.6023	1.78563
{4}-{8}	C*180	0.1*180	3.35833	1.862049	0.073580	-0.3250	7.04165
{4}-{9}	C*180	1*30	1.60000	2.878505	0.579258	-4.0940	7.29397
{4}-{10}	C*180	1*60	-5.40833	2.878505	0.062468	-11.1023	0.28563
{4}-{11}	C*180	1*120	1.50000	2.878505	0.603168	-4.1940	7.19397
{4}-{12}	C*180	1*180	5.46667	1.862049	0.003925	1.7834	9.14998
{4}-{13}	C*180	5*30	1.97500	2.878505	0.493841	-3.7190	7.66897
{4}-{14}	C*180	5*60	-1.43333	2.878505	0.619352	-7.1273	4.26063
{4}-{15}	C*180	5*120	6.08333	2.878505	0.036451	0.3894	11.77730
{4}-{16}	C*180	5*180	4.00833	1.862049	0.033165	0.3250	7.69165
{4}-{17}	C*180	10*30	3.25833	2.878505	0.259706	-2.4356	8.95230
{4}-{18}	C*180	10*60	1.82500	2.878505	0.527172	-3.8690	7.51897
{4}-{19}	C*180	10*120	5.20833	2.878505	0.072666	-0.4856	10.90230
{4}-{20}	C*180	10*180	5.33333	1.862049	0.004865	1.6500	9.01665
{5}-{6}	0.1*30	0.1*60	-2.66667	2.840896	0.349614	-8.2862	2.95291
{5}-{7}	0.1*30	0.1*120	-1.05000	2.840896	0.712272	-6.6696	4.56957

{5}-{8}	0.1*30	0.1*180	6.21667	2.840896	0.030409	0.5971	11.83624
{5}-{9}	0.1*30	1*30	4.45833	1.862049	0.018057	0.7750	8.14165
{5}-{10}	0.1*30	1*60	-2.55000	2.878505	0.377295	-8.2440	3.14397
{5}-{11}	0.1*30	1*120	4.35833	2.878505	0.132392	-1.3356	10.05230
{5}-{12}	0.1*30	1*180	8.32500	2.878505	0.004477	2.6310	14.01897
{5}-{13}	0.1*30	5*30	4.83333	1.862049	0.010508	1.1500	8.51665
{5}-{14}	0.1*30	5*60	1.42500	2.878505	0.621389	-4.2690	7.11897
{5}-{15}	0.1*30	5*120	8.94167	2.878505	0.002319	3.2477	14.63563
{5}-{16}	0.1*30	5*180	6.86667	2.878505	0.018477	1.1727	12.56063
{5}-{17}	0.1*30	10*30	6.11667	1.862049	0.001307	2.4334	9.79998
{5}-{18}	0.1*30	10*60	4.68333	2.878505	0.106121	-1.0106	10.37730
{5}-{19}	0.1*30	10*120	8.06667	2.878505	0.005837	2.3727	13.76063
{5}-{20}	0.1*30	10*180	8.19167	2.878505	0.005138	2.4977	13.88563
{6}-{7}	0.1*60	0.1*120	1.61667	2.840896	0.570276	-4.0029	7.23624
{6}-{8}	0.1*60	0.1*180	8.88333	2.840896	0.002173	3.2638	14.50291
{6}-{9}	0.1*60	1*30	7.12500	2.878505	0.014582	1.4310	12.81897
{6}-{10}	0.1*60	1*60	0.11667	1.862049	0.950136	-3.5666	3.79998
{6}-{11}	0.1*60	1*120	7.02500	2.878505	0.015993	1.3310	12.71897
{6}-{12}	0.1*60	1*180	10.99167	2.878505	0.000206	5.2977	16.68563
{6}-{13}	0.1*60	5*30	7.50000	2.878505	0.010227	1.8060	13.19397
{6}-{14}	0.1*60	5*60	4.09167	1.862049	0.029736	0.4084	7.77498
{6}-{15}	0.1*60	5*120	11.60833	2.878505	0.000093	5.9144	17.30230
{6}-{16}	0.1*60	5*180	9.53333	2.878505	0.001196	3.8394	15.22730
{6}-{17}	0.1*60	10*30	8.78333	2.878505	0.002755	3.0894	14.47730
{6}-{18}	0.1*60	10*60	7.35000	1.862049	0.000128	3.6667	11.03332
{6}-{19}	0.1*60	10*120	10.73333	2.878505	0.000285	5.0394	16.42730

{6}-{20}	0.1*60	10*180	10.85833	2.878505	0.000243	5.1644	16.55230
{7}-{8}	0.1*120	0.1*180	7.26667	2.840896	0.011661	1.6471	12.88624
{7}-{9}	0.1*120	1*30	5.50833	2.878505	0.057835	-0.1856	11.20230
{7}-{10}	0.1*120	1*60	-1.50000	2.878505	0.603168	-7.1940	4.19397
{7}-{11}	0.1*120	1*120	5.40833	1.862049	0.004314	1.7250	9.09165
{7}-{12}	0.1*120	1*180	9.37500	2.878505	0.001432	3.6810	15.06897
{7}-{13}	0.1*120	5*30	5.88333	2.878505	0.042954	0.1894	11.57730
{7}-{14}	0.1*120	5*60	2.47500	2.878505	0.391446	-3.2190	8.16897
{7}-{15}	0.1*120	5*120	9.99167	1.862049	0.000000	6.3084	13.67498
{7}-{16}	0.1*120	5*180	7.91667	2.878505	0.006791	2.2227	13.61063
{7}-{17}	0.1*120	10*30	7.16667	2.878505	0.014027	1.4727	12.86063
{7}-{18}	0.1*120	10*60	5.73333	2.878505	0.048459	0.0394	11.42730
{7}-{19}	0.1*120	10*120	9.11667	1.862049	0.000003	5.4334	12.79998
{7}-{20}	0.1*120	10*180	9.24167	2.878505	0.001664	3.5477	14.93563
{8}-{9}	0.1*180	1*30	-1.75833	2.878505	0.542350	-7.4523	3.93563
{8}-{10}	0.1*180	1*60	-8.76667	2.878505	0.002805	-14.4606	-3.07270
{8}-{11}	0.1*180	1*120	-1.85833	2.878505	0.519666	-7.5523	3.83563
{8}-{12}	0.1*180	1*180	2.10833	1.862049	0.259575	-1.5750	5.79165
{8}-{13}	0.1*180	5*30	-1.38333	2.878505	0.631615	-7.0773	4.31063
{8}-{14}	0.1*180	5*60	-4.79167	2.878505	0.098357	-10.4856	0.90230
{8}-{15}	0.1*180	5*120	2.72500	2.878505	0.345536	-2.9690	8.41897
{8}-{16}	0.1*180	5*180	0.65000	1.862049	0.727587	-3.0333	4.33332
{8}-{17}	0.1*180	10*30	-0.10000	2.878505	0.972339	-5.7940	5.59397
{8}-{18}	0.1*180	10*60	-1.53333	2.878505	0.595148	-7.2273	4.16063
{8}-{19}	0.1*180	10*120	1.85000	2.878505	0.521537	-3.8440	7.54397
{8}-{20}	0.1*180	10*180	1.97500	1.862049	0.290781	-1.7083	5.65832

{9}-{10}	1*30	1*60	-7.00833	2.840896	0.014908	-12.6279	-1.38876
{9}-{11}	1*30	1*120	-0.10000	2.840896	0.971973	-5.7196	5.51957
{9}-{12}	1*30	1*180	3.86667	2.840896	0.175810	-1.7529	9.48624
{9}-{13}	1*30	5*30	0.37500	1.862049	0.840703	-3.3083	4.05832
{9}-{14}	1*30	5*60	-3.03333	2.878505	0.293905	-8.7273	2.66063
{9}-{15}	1*30	5*120	4.48333	2.878505	0.121741	-1.2106	10.17730
{9}-{16}	1*30	5*180	2.40833	2.878505	0.404295	-3.2856	8.10230
{9}-{17}	1*30	10*30	1.65833	1.862049	0.374766	-2.0250	5.34165
{9}-{18}	1*30	10*60	0.22500	2.878505	0.937815	-5.4690	5.91897
{9}-{19}	1*30	10*120	3.60833	2.878505	0.212223	-2.0856	9.30230
{9}-{20}	1*30	10*180	3.73333	2.878505	0.196904	-1.9606	9.42730
{10}-{11}	1*60	1*120	6.90833	2.840896	0.016367	1.2888	12.52791
{10}-{12}	1*60	1*180	10.87500	2.840896	0.000199	5.2554	16.49457
{10}-{13}	1*60	5*30	7.38333	2.878505	0.011436	1.6894	13.07730
{10}-{14}	1*60	5*60	3.97500	1.862049	0.034630	0.2917	7.65832
{10}-{15}	1*60	5*120	11.49167	2.878505	0.000108	5.7977	17.18563
{10}-{16}	1*60	5*180	9.41667	2.878505	0.001366	3.7227	15.11063
{10}-{17}	1*60	10*30	8.66667	2.878505	0.003123	2.9727	14.36063
{10}-{18}	1*60	10*60	7.23333	1.862049	0.000161	3.5500	10.91665
{10}-{19}	1*60	10*120	10.61667	2.878505	0.000329	4.9227	16.31063
{10}-{20}	1*60	10*180	10.74167	2.878505	0.000282	5.0477	16.43563
{11}-{12}	1*120	1*180	3.96667	2.840896	0.164976	-1.6529	9.58624
{11}-{13}	1*120	5*30	0.47500	2.878505	0.869184	-5.2190	6.16897
{11}-{14}	1*120	5*60	-2.93333	2.878505	0.310044	-8.6273	2.76063
{11}-{15}	1*120	5*120	4.58333	1.862049	0.015128	0.9000	8.26665
{11}-{16}	1*120	5*180	2.50833	2.878505	0.385117	-3.1856	8.20230



{11}-{17}	1*120	10*30	1.75833	2.878505	0.542350	-3.9356	7.45230
{11}-{18}	1*120	10*60	0.32500	2.878505	0.910277	-5.3690	6.01897
{11}-{19}	1*120	10*120	3.70833	1.862049	0.048486	0.0250	7.39165
{11}-{20}	1*120	10*180	3.83333	2.878505	0.185251	-1.8606	9.52730
{12}-{13}	1*180	5*30	-3.49167	2.878505	0.227291	-9.1856	2.20230
{12}-{14}	1*180	5*60	-6.90000	2.878505	0.017927	-12.5940	-1.20603
{12}-{15}	1*180	5*120	0.61667	2.878505	0.830697	-5.0773	6.31063
{12}-{16}	1*180	5*180	-1.45833	1.862049	0.434920	-5.1416	2.22498
{12}-{17}	1*180	10*30	-2.20833	2.878505	0.444344	-7.9023	3.48563
{12}-{18}	1*180	10*60	-3.64167	2.878505	0.208056	-9.3356	2.05230
{12}-{19}	1*180	10*120	-0.25833	2.878505	0.928625	-5.9523	5.43563
{12}-{20}	1*180	10*180	-0.13333	1.862049	0.943024	-3.8166	3.54998
{13}-{14}	5*30	5*60	-3.40833	2.840896	0.232390	-9.0279	2.21124
{13}-{15}	5*30	5*120	4.10833	2.840896	0.150508	-1.5112	9.72791
{13}-{16}	5*30	5*180	2.03333	2.840896	0.475418	-3.5862	7.65291
{13}-{17}	5*30	10*30	1.28333	1.862049	0.491904	-2.4000	4.96665
{13}-{18}	5*30	10*60	-0.15000	2.878505	0.958520	-5.8440	5.54397
{13}-{19}	5*30	10*120	3.23333	2.878505	0.263362	-2.4606	8.92730
{13}-{20}	5*30	10*180	3.35833	2.878505	0.245438	-2.3356	9.05230
{14}-{15}	5*60	5*120	7.51667	2.840896	0.009138	1.8971	13.13624
{14}-{16}	5*60	5*180	5.44167	2.840896	0.057595	-0.1779	11.06124
{14}-{17}	5*60	10*30	4.69167	2.878505	0.105507	-1.0023	10.38563
{14}-{18}	5*60	10*60	3.25833	1.862049	0.082465	-0.4250	6.94165
{14}-{19}	5*60	10*120	6.64167	2.878505	0.022593	0.9477	12.33563
{14}-{20}	5*60	10*180	6.76667	2.878505	0.020216	1.0727	12.46063
{15}-{16}	5*120	5*180	-2.07500	2.840896	0.466438	-7.6946	3.54457

{15}-{17}	5*120	10*30	-2.82500	2.878505	0.328185	-8.5190	2.86897
{15}-{18}	5*120	10*60	-4.25833	2.878505	0.141428	-9.9523	1.43563
{15}-{19}	5*120	10*120	-0.87500	1.862049	0.639193	-4.5583	2.80832
{15}-{20}	5*120	10*180	-0.75000	2.878505	0.794844	-6.4440	4.94397
{16}-{17}	5*180	10*30	-0.75000	2.878505	0.794844	-6.4440	4.94397
{16}-{18}	5*180	10*60	-2.18333	2.878505	0.449506	-7.8773	3.51063
{16}-{19}	5*180	10*120	1.20000	2.878505	0.677441	-4.4940	6.89397
{16}-{20}	5*180	10*180	1.32500	1.862049	0.477979	-2.3583	5.00832
{17}-{18}	10*30	10*60	-1.43333	2.840896	0.614726	-7.0529	4.18624
{17}-{19}	10*30	10*120	1.95000	2.840896	0.493663	-3.6696	7.56957
{17}-{20}	10*30	10*180	2.07500	2.840896	0.466438	-3.5446	7.69457
{18}-{19}	10*60	10*120	3.38333	2.840896	0.235815	-2.2362	9.00291
{18}-{20}	10*60	10*180	3.50833	2.840896	0.219047	-2.1112	9.12791
{19}-{20}	10*120	10*180	0.12500	2.840896	0.964971	-5.4946	5.74457

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 28.983	{2} - 33.258	{3} - 30.667	{4} - 26.992	{5} - 30.575	{6} - 33.642	{7} - 29.642	{8} - 22.808	{9} - 27.558	{10} - 33.000	{11} - 23.908	{12} - 19.125	{13} - 27.592	{14} - 30.750	{15} - 18.817	{16} - 21.842	{17} - 28.692	{18} - 28.767	{19} - 20.083	{20} - 21.083
1	C	30		0.226013	0.632758	0.571885	0.466576	0.187313	0.851700	0.081239	0.514431	0.255161	0.151108	0.005792	0.524302	0.616032	0.004468	0.044157	0.893763	0.950936	0.012502	0.026248
2	C	60	0.226013		0.462181	0.076874	0.446531	0.860678	0.305335	0.003503	0.107225	0.905843	0.008773	0.000097	0.109275	0.251937	0.000069	0.001472	0.196084	0.041310	0.000265	0.000718
3	C	120	0.632758	0.462181		0.297631	0.979231	0.398816	0.638975	0.027034	0.378077	0.507907	0.002363	0.001311	0.383198	0.981119	0.000000	0.013246	0.575103	0.589687	0.000003	0.007265
4	C	180	0.571885	0.076874	0.297631		0.309796	0.060663	0.452186	0.057130	0.872155	0.089696	0.381914	0.000435	0.864706	0.286856	0.021540	0.019610	0.629397	0.614370	0.051439	0.007612
5	0.1	30	0.466576	0.446531	0.979231	0.309796		0.384485	0.790990	0.028838	0.168726	0.491412	0.060029	0.001427	0.173448	0.960363	0.001069	0.014209	0.389167	0.607743	0.003378	0.007827
6	0.1	60	0.187313	0.860678	0.398816	0.060663	0.384485		0.257129	0.002500	0.085806	0.768942	0.006424	0.000064	0.087518	0.186948	0.000045	0.001028	0.161354	0.027004	0.000178	0.000493

7	0.1	120	0.851700	0.305335	0.638975	0.452186	0.790990	0.257129		0.053986	0.554346	0.341045	0.009549	0.003305	0.560693	0.752989	0.000002	0.028170	0.787347	0.803774	0.000023	0.016222
8	0.1	180	0.081239	0.003503	0.027034	0.057130	0.028838	0.002500	0.053986		0.178838	0.004374	0.754786	0.093441	0.175829	0.025481	0.258116	0.658161	0.096499	0.092369	0.439520	0.430163
9	1	30	0.514431	0.107225	0.378077	0.872155	0.168726	0.085806	0.554346	0.178838		0.123938	0.300917	0.017812	0.987823	0.365464	0.014119	0.106212	0.603993	0.731537	0.035291	0.067669
10	1	60	0.255161	0.905843	0.507907	0.089696	0.491412	0.768942	0.341045	0.004374	0.123938		0.010768	0.000128	0.126236	0.303872	0.000092	0.001866	0.222434	0.054262	0.000344	0.000920
11	1	120	0.151108	0.008773	0.002363	0.381914	0.060029	0.006424	0.009549	0.754786	0.300917	0.010768		0.175829	0.296542	0.053698	0.021009	0.557515	0.175829	0.169198	0.081628	0.422956
12	1	180	0.005792	0.000097	0.001311	0.000435	0.001427	0.000064	0.003305	0.093441	0.017812	0.000128	0.175829		0.017375	0.001212	0.930224	0.214873	0.007365	0.006927	0.785528	0.370616
13	5	30	0.524302	0.109275	0.383198	0.864706	0.173448	0.087518	0.560693	0.175829	0.987823	0.126236	0.296542	0.017375		0.370477	0.013764	0.104209	0.614664	0.738665	0.034495	0.066285
14	5	60	0.616032	0.251937	0.981119	0.286856	0.960363	0.186948	0.752989	0.025481	0.365464	0.303872	0.053698	0.001212	0.370477		0.000906	0.012422	0.559103	0.364558	0.002898	0.006787
15	5	120	0.004468	0.000069	0.000000	0.021540	0.001069	0.000045	0.000002	0.258116	0.014119	0.000092	0.021009	0.930224	0.013764	0.000906		0.390959	0.005713	0.005366	0.562175	0.520086
16	5	180	0.044157	0.001472	0.013246	0.019610	0.014209	0.001028	0.028170	0.658161	0.106212	0.001866	0.557515	0.214873	0.104209	0.012422	0.390959		0.053411	0.050887	0.617695	0.728481
17	10	30	0.893763	0.196084	0.575103	0.629397	0.389167	0.161354	0.787347	0.096499	0.603993	0.222434	0.175829	0.007365	0.614664	0.559103	0.005713	0.053411		0.983007	0.015623	0.032201
18	10	60	0.950936	0.041310	0.589687	0.614370	0.607743	0.027004	0.803774	0.092369	0.731537	0.054262	0.169198	0.006927	0.738665	0.364558	0.005366	0.050887	0.983007		0.014760	0.030568
19	10	120	0.012502	0.000265	0.000003	0.051439	0.003378	0.000178	0.000023	0.439520	0.035291	0.000344	0.081628	0.785528	0.034495	0.002898	0.562175	0.617695	0.015623	0.014760		0.776449
20	10	180	0.026248	0.000718	0.007265	0.007612	0.007827	0.000493	0.016222	0.430163	0.067669	0.000920	0.422956	0.370616	0.066285	0.006787	0.520086	0.728481	0.032201	0.030568	0.776449	

**LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-4.2750	3.514543	0.226013	-11.2271	2.67711
{1}-{3}	C*30	C*120	-1.6833	3.514543	0.632758	-8.6354	5.26878
{1}-{4}	C*30	C*180	1.9917	3.514543	0.571885	-4.9604	8.94378
{1}-{5}	C*30	0.1*30	-1.5917	2.179838	0.466576	-5.9036	2.72027
{1}-{6}	C*30	0.1*60	-4.6583	3.514543	0.187313	-11.6104	2.29378

{1}-{7}	C*30	0.1*120	-0.6583	3.514543	0.851700	-7.6104	6.29378
{1}-{8}	C*30	0.1*180	6.1750	3.514543	0.081239	-0.7771	13.12711
{1}-{9}	C*30	1*30	1.4250	2.179838	0.514431	-2.8869	5.73694
{1}-{10}	C*30	1*60	-4.0167	3.514543	0.255161	-10.9688	2.93545
{1}-{11}	C*30	1*120	5.0750	3.514543	0.151108	-1.8771	12.02711
{1}-{12}	C*30	1*180	9.8583	3.514543	0.005792	2.9062	16.81045
{1}-{13}	C*30	5*30	1.3917	2.179838	0.524302	-2.9203	5.70360
{1}-{14}	C*30	5*60	-1.7667	3.514543	0.616032	-8.7188	5.18545
{1}-{15}	C*30	5*120	10.1667	3.514543	0.004468	3.2146	17.11878
{1}-{16}	C*30	5*180	7.1417	3.514543	0.044157	0.1896	14.09378
{1}-{17}	C*30	10*30	0.2917	2.179838	0.893763	-4.0203	4.60360
{1}-{18}	C*30	10*60	0.2167	3.514543	0.950936	-6.7354	7.16878
{1}-{19}	C*30	10*120	8.9000	3.514543	0.012502	1.9479	15.85211
{1}-{20}	C*30	10*180	7.9000	3.514543	0.026248	0.9479	14.85211
{2}-{3}	C*60	C*120	2.5917	3.514543	0.462181	-4.3604	9.54378
{2}-{4}	C*60	C*180	6.2667	3.514543	0.076874	-0.6854	13.21878
{2}-{5}	C*60	0.1*30	2.6833	3.514543	0.446531	-4.2688	9.63545
{2}-{6}	C*60	0.1*60	-0.3833	2.179838	0.860678	-4.6953	3.92860
{2}-{7}	C*60	0.1*120	3.6167	3.514543	0.305335	-3.3354	10.56878
{2}-{8}	C*60	0.1*180	10.4500	3.514543	0.003503	3.4979	17.40211
{2}-{9}	C*60	1*30	5.7000	3.514543	0.107225	-1.2521	12.65211
{2}-{10}	C*60	1*60	0.2583	2.179838	0.905843	-4.0536	4.57027
{2}-{11}	C*60	1*120	9.3500	3.514543	0.008773	2.3979	16.30211
{2}-{12}	C*60	1*180	14.1333	3.514543	0.000097	7.1812	21.08545
{2}-{13}	C*60	5*30	5.6667	3.514543	0.109275	-1.2854	12.61878
{2}-{14}	C*60	5*60	2.5083	2.179838	0.251937	-1.8036	6.82027

{2}-{15}	C*60	5*120	14.4417	3.514543	0.000069	7.4896	21.39378
{2}-{16}	C*60	5*180	11.4167	3.514543	0.001472	4.4646	18.36878
{2}-{17}	C*60	10*30	4.5667	3.514543	0.196084	-2.3854	11.51878
{2}-{18}	C*60	10*60	4.4917	2.179838	0.041310	0.1797	8.80360
{2}-{19}	C*60	10*120	13.1750	3.514543	0.000265	6.2229	20.12711
{2}-{20}	C*60	10*180	12.1750	3.514543	0.000718	5.2229	19.12711
{3}-{4}	C*120	C*180	3.6750	3.514543	0.297631	-3.2771	10.62711
{3}-{5}	C*120	0.1*30	0.0917	3.514543	0.979231	-6.8604	7.04378
{3}-{6}	C*120	0.1*60	-2.9750	3.514543	0.398816	-9.9271	3.97711
{3}-{7}	C*120	0.1*120	1.0250	2.179838	0.638975	-3.2869	5.33694
{3}-{8}	C*120	0.1*180	7.8583	3.514543	0.027034	0.9062	14.81045
{3}-{9}	C*120	1*30	3.1083	3.514543	0.378077	-3.8438	10.06045
{3}-{10}	C*120	1*60	-2.3333	3.514543	0.507907	-9.2854	4.61878
{3}-{11}	C*120	1*120	6.7583	2.179838	0.002363	2.4464	11.07027
{3}-{12}	C*120	1*180	11.5417	3.514543	0.001311	4.5896	18.49378
{3}-{13}	C*120	5*30	3.0750	3.514543	0.383198	-3.8771	10.02711
{3}-{14}	C*120	5*60	-0.0833	3.514543	0.981119	-7.0354	6.86878
{3}-{15}	C*120	5*120	11.8500	2.179838	0.000000	7.5381	16.16194
{3}-{16}	C*120	5*180	8.8250	3.514543	0.013246	1.8729	15.77711
{3}-{17}	C*120	10*30	1.9750	3.514543	0.575103	-4.9771	8.92711
{3}-{18}	C*120	10*60	1.9000	3.514543	0.589687	-5.0521	8.85211
{3}-{19}	C*120	10*120	10.5833	2.179838	0.000003	6.2714	14.89527
{3}-{20}	C*120	10*180	9.5833	3.514543	0.007265	2.6312	16.53545
{4}-{5}	C*180	0.1*30	-3.5833	3.514543	0.309796	-10.5354	3.36878
{4}-{6}	C*180	0.1*60	-6.6500	3.514543	0.060663	-13.6021	0.30211
{4}-{7}	C*180	0.1*120	-2.6500	3.514543	0.452186	-9.6021	4.30211

{4}-{8}	C*180	0.1*180	4.1833	2.179838	0.057130	-0.1286	8.49527
{4}-{9}	C*180	1*30	-0.5667	3.514543	0.872155	-7.5188	6.38545
{4}-{10}	C*180	1*60	-6.0083	3.514543	0.089696	-12.9604	0.94378
{4}-{11}	C*180	1*120	3.0833	3.514543	0.381914	-3.8688	10.03545
{4}-{12}	C*180	1*180	7.8667	2.179838	0.000435	3.5547	12.17860
{4}-{13}	C*180	5*30	-0.6000	3.514543	0.864706	-7.5521	6.35211
{4}-{14}	C*180	5*60	-3.7583	3.514543	0.286856	-10.7104	3.19378
{4}-{15}	C*180	5*120	8.1750	3.514543	0.021540	1.2229	15.12711
{4}-{16}	C*180	5*180	5.1500	2.179838	0.019610	0.8381	9.46194
{4}-{17}	C*180	10*30	-1.7000	3.514543	0.629397	-8.6521	5.25211
{4}-{18}	C*180	10*60	-1.7750	3.514543	0.614370	-8.7271	5.17711
{4}-{19}	C*180	10*120	6.9083	3.514543	0.051439	-0.0438	13.86045
{4}-{20}	C*180	10*180	5.9083	2.179838	0.007612	1.5964	10.22027
{5}-{6}	0.1*30	0.1*60	-3.0667	3.514543	0.384485	-10.0188	3.88545
{5}-{7}	0.1*30	0.1*120	0.9333	3.514543	0.790990	-6.0188	7.88545
{5}-{8}	0.1*30	0.1*180	7.7667	3.514543	0.028838	0.8146	14.71878
{5}-{9}	0.1*30	1*30	3.0167	2.179838	0.168726	-1.2953	7.32860
{5}-{10}	0.1*30	1*60	-2.4250	3.514543	0.491412	-9.3771	4.52711
{5}-{11}	0.1*30	1*120	6.6667	3.514543	0.060029	-0.2854	13.61878
{5}-{12}	0.1*30	1*180	11.4500	3.514543	0.001427	4.4979	18.40211
{5}-{13}	0.1*30	5*30	2.9833	2.179838	0.173448	-1.3286	7.29527
{5}-{14}	0.1*30	5*60	-0.1750	3.514543	0.960363	-7.1271	6.77711
{5}-{15}	0.1*30	5*120	11.7583	3.514543	0.001069	4.8062	18.71045
{5}-{16}	0.1*30	5*180	8.7333	3.514543	0.014209	1.7812	15.68545
{5}-{17}	0.1*30	10*30	1.8833	2.179838	0.389167	-2.4286	6.19527
{5}-{18}	0.1*30	10*60	1.8083	3.514543	0.607743	-5.1438	8.76045

{5}-{19}	0.1*30	10*120	10.4917	3.514543	0.003378	3.5396	17.44378
{5}-{20}	0.1*30	10*180	9.4917	3.514543	0.007827	2.5396	16.44378
{6}-{7}	0.1*60	0.1*120	4.0000	3.514543	0.257129	-2.9521	10.95211
{6}-{8}	0.1*60	0.1*180	10.8333	3.514543	0.002500	3.8812	17.78545
{6}-{9}	0.1*60	1*30	6.0833	3.514543	0.085806	-0.8688	13.03545
{6}-{10}	0.1*60	1*60	0.6417	2.179838	0.768942	-3.6703	4.95360
{6}-{11}	0.1*60	1*120	9.7333	3.514543	0.006424	2.7812	16.68545
{6}-{12}	0.1*60	1*180	14.5167	3.514543	0.000064	7.5646	21.46878
{6}-{13}	0.1*60	5*30	6.0500	3.514543	0.087518	-0.9021	13.00211
{6}-{14}	0.1*60	5*60	2.8917	2.179838	0.186948	-1.4203	7.20360
{6}-{15}	0.1*60	5*120	14.8250	3.514543	0.000045	7.8729	21.77711
{6}-{16}	0.1*60	5*180	11.8000	3.514543	0.001028	4.8479	18.75211
{6}-{17}	0.1*60	10*30	4.9500	3.514543	0.161354	-2.0021	11.90211
{6}-{18}	0.1*60	10*60	4.8750	2.179838	0.027004	0.5631	9.18694
{6}-{19}	0.1*60	10*120	13.5583	3.514543	0.000178	6.6062	20.51045
{6}-{20}	0.1*60	10*180	12.5583	3.514543	0.000493	5.6062	19.51045
{7}-{8}	0.1*120	0.1*180	6.8333	3.514543	0.053986	-0.1188	13.78545
{7}-{9}	0.1*120	1*30	2.0833	3.514543	0.554346	-4.8688	9.03545
{7}-{10}	0.1*120	1*60	-3.3583	3.514543	0.341045	-10.3104	3.59378
{7}-{11}	0.1*120	1*120	5.7333	2.179838	0.009549	1.4214	10.04527
{7}-{12}	0.1*120	1*180	10.5167	3.514543	0.003305	3.5646	17.46878
{7}-{13}	0.1*120	5*30	2.0500	3.514543	0.560693	-4.9021	9.00211
{7}-{14}	0.1*120	5*60	-1.1083	3.514543	0.752989	-8.0604	5.84378
{7}-{15}	0.1*120	5*120	10.8250	2.179838	0.000002	6.5131	15.13694
{7}-{16}	0.1*120	5*180	7.8000	3.514543	0.028170	0.8479	14.75211
{7}-{17}	0.1*120	10*30	0.9500	3.514543	0.787347	-6.0021	7.90211

{7}-{18}	0.1*120	10*60	0.8750	3.514543	0.803774	-6.0771	7.82711
{7}-{19}	0.1*120	10*120	9.5583	2.179838	0.000023	5.2464	13.87027
{7}-{20}	0.1*120	10*180	8.5583	3.514543	0.016222	1.6062	15.51045
{8}-{9}	0.1*180	1*30	-4.7500	3.514543	0.178838	-11.7021	2.20211
{8}-{10}	0.1*180	1*60	-10.1917	3.514543	0.004374	-17.1438	-3.23955
{8}-{11}	0.1*180	1*120	-1.1000	3.514543	0.754786	-8.0521	5.85211
{8}-{12}	0.1*180	1*180	3.6833	2.179838	0.093441	-0.6286	7.99527
{8}-{13}	0.1*180	5*30	-4.7833	3.514543	0.175829	-11.7354	2.16878
{8}-{14}	0.1*180	5*60	-7.9417	3.514543	0.025481	-14.8938	-0.98955
{8}-{15}	0.1*180	5*120	3.9917	3.514543	0.258116	-2.9604	10.94378
{8}-{16}	0.1*180	5*180	0.9667	2.179838	0.658161	-3.3453	5.27860
{8}-{17}	0.1*180	10*30	-5.8833	3.514543	0.096499	-12.8354	1.06878
{8}-{18}	0.1*180	10*60	-5.9583	3.514543	0.092369	-12.9104	0.99378
{8}-{19}	0.1*180	10*120	2.7250	3.514543	0.439520	-4.2271	9.67711
{8}-{20}	0.1*180	10*180	1.7250	2.179838	0.430163	-2.5869	6.03694
{9}-{10}	1*30	1*60	-5.4417	3.514543	0.123938	-12.3938	1.51045
{9}-{11}	1*30	1*120	3.6500	3.514543	0.300917	-3.3021	10.60211
{9}-{12}	1*30	1*180	8.4333	3.514543	0.017812	1.4812	15.38545
{9}-{13}	1*30	5*30	-0.0333	2.179838	0.987823	-4.3453	4.27860
{9}-{14}	1*30	5*60	-3.1917	3.514543	0.365464	-10.1438	3.76045
{9}-{15}	1*30	5*120	8.7417	3.514543	0.014119	1.7896	15.69378
{9}-{16}	1*30	5*180	5.7167	3.514543	0.106212	-1.2354	12.66878
{9}-{17}	1*30	10*30	-1.1333	2.179838	0.603993	-5.4453	3.17860
{9}-{18}	1*30	10*60	-1.2083	3.514543	0.731537	-8.1604	5.74378
{9}-{19}	1*30	10*120	7.4750	3.514543	0.035291	0.5229	14.42711
{9}-{20}	1*30	10*180	6.4750	3.514543	0.067669	-0.4771	13.42711



{10}-{11}	1*60	1*120	9.0917	3.514543	0.010768	2.1396	16.04378
{10}-{12}	1*60	1*180	13.8750	3.514543	0.000128	6.9229	20.82711
{10}-{13}	1*60	5*30	5.4083	3.514543	0.126236	-1.5438	12.36045
{10}-{14}	1*60	5*60	2.2500	2.179838	0.303872	-2.0619	6.56194
{10}-{15}	1*60	5*120	14.1833	3.514543	0.000092	7.2312	21.13545
{10}-{16}	1*60	5*180	11.1583	3.514543	0.001866	4.2062	18.11045
{10}-{17}	1*60	10*30	4.3083	3.514543	0.222434	-2.6438	11.26045
{10}-{18}	1*60	10*60	4.2333	2.179838	0.054262	-0.0786	8.54527
{10}-{19}	1*60	10*120	12.9167	3.514543	0.000344	5.9646	19.86878
{10}-{20}	1*60	10*180	11.9167	3.514543	0.000920	4.9646	18.86878
{11}-{12}	1*120	1*180	4.7833	3.514543	0.175829	-2.1688	11.73545
{11}-{13}	1*120	5*30	-3.6833	3.514543	0.296542	-10.6354	3.26878
{11}-{14}	1*120	5*60	-6.8417	3.514543	0.053698	-13.7938	0.11045
{11}-{15}	1*120	5*120	5.0917	2.179838	0.021009	0.7797	9.40360
{11}-{16}	1*120	5*180	2.0667	3.514543	0.557515	-4.8854	9.01878
{11}-{17}	1*120	10*30	-4.7833	3.514543	0.175829	-11.7354	2.16878
{11}-{18}	1*120	10*60	-4.8583	3.514543	0.169198	-11.8104	2.09378
{11}-{19}	1*120	10*120	3.8250	2.179838	0.081628	-0.4869	8.13694
{11}-{20}	1*120	10*180	2.8250	3.514543	0.422956	-4.1271	9.77711
{12}-{13}	1*180	5*30	-8.4667	3.514543	0.017375	-15.4188	-1.51455
{12}-{14}	1*180	5*60	-11.6250	3.514543	0.001212	-18.5771	-4.67289
{12}-{15}	1*180	5*120	0.3083	3.514543	0.930224	-6.6438	7.26045
{12}-{16}	1*180	5*180	-2.7167	2.179838	0.214873	-7.0286	1.59527
{12}-{17}	1*180	10*30	-9.5667	3.514543	0.007365	-16.5188	-2.61455
{12}-{18}	1*180	10*60	-9.6417	3.514543	0.006927	-16.5938	-2.68955
{12}-{19}	1*180	10*120	-0.9583	3.514543	0.785528	-7.9104	5.99378

{12}-{20}	1*180	10*180	-1.9583	2.179838	0.370616	-6.2703	2.35360
{13}-{14}	5*30	5*60	-3.1583	3.514543	0.370477	-10.1104	3.79378
{13}-{15}	5*30	5*120	8.7750	3.514543	0.013764	1.8229	15.72711
{13}-{16}	5*30	5*180	5.7500	3.514543	0.104209	-1.2021	12.70211
{13}-{17}	5*30	10*30	-1.1000	2.179838	0.614664	-5.4119	3.21194
{13}-{18}	5*30	10*60	-1.1750	3.514543	0.738665	-8.1271	5.77711
{13}-{19}	5*30	10*120	7.5083	3.514543	0.034495	0.5562	14.46045
{13}-{20}	5*30	10*180	6.5083	3.514543	0.066285	-0.4438	13.46045
{14}-{15}	5*60	5*120	11.9333	3.514543	0.000906	4.9812	18.88545
{14}-{16}	5*60	5*180	8.9083	3.514543	0.012422	1.9562	15.86045
{14}-{17}	5*60	10*30	2.0583	3.514543	0.559103	-4.8938	9.01045
{14}-{18}	5*60	10*60	1.9833	2.179838	0.364558	-2.3286	6.29527
{14}-{19}	5*60	10*120	10.6667	3.514543	0.002898	3.7146	17.61878
{14}-{20}	5*60	10*180	9.6667	3.514543	0.006787	2.7146	16.61878
{15}-{16}	5*120	5*180	-3.0250	3.514543	0.390959	-9.9771	3.92711
{15}-{17}	5*120	10*30	-9.8750	3.514543	0.005713	-16.8271	-2.92289
{15}-{18}	5*120	10*60	-9.9500	3.514543	0.005366	-16.9021	-2.99789
{15}-{19}	5*120	10*120	-1.2667	2.179838	0.562175	-5.5786	3.04527
{15}-{20}	5*120	10*180	-2.2667	3.514543	0.520086	-9.2188	4.68545
{16}-{17}	5*180	10*30	-6.8500	3.514543	0.053411	-13.8021	0.10211
{16}-{18}	5*180	10*60	-6.9250	3.514543	0.050887	-13.8771	0.02711
{16}-{19}	5*180	10*120	1.7583	3.514543	0.617695	-5.1938	8.71045
{16}-{20}	5*180	10*180	0.7583	2.179838	0.728481	-3.5536	5.07027
{17}-{18}	10*30	10*60	-0.0750	3.514543	0.983007	-7.0271	6.87711
{17}-{19}	10*30	10*120	8.6083	3.514543	0.015623	1.6562	15.56045
{17}-{20}	10*30	10*180	7.6083	3.514543	0.032201	0.6562	14.56045

{18}-{19}	10*60	10*120	8.6833	3.514543	0.014760	1.7312	15.63545
{18}-{20}	10*60	10*180	7.6833	3.514543	0.030568	0.7312	14.63545
{19}-{20}	10*120	10*180	-1.0000	3.514543	0.776449	-7.9521	5.95211

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 32.675	{2} - 33.075	{3} - 30.292	{4} - 33.542	{5} - 33.183	{6} - 37.458	{7} - 34.733	{8} - 28.533	{9} - 28.142	{10} - 38.275	{11} - 31.617	{12} - 25.517	{13} - 27.750	{14} - 32.875	{15} - 25.483	{16} - 27.783	{17} - 23.867	{18} - 27.550	{19} - 25.067	{20} - 23.600
1	C	30		0.905176	0.478244	0.796346	0.826549	0.161359	0.545516	0.224836	0.052329	0.101551	0.755823	0.036947	0.035258	0.953130	0.036090	0.152147	0.000216	0.133685	0.026749	0.008489
2	C	60	0.905176		0.407751	0.889467	0.974602	0.060507	0.626159	0.183438	0.148713	0.026363	0.668336	0.027745	0.119298	0.931290	0.027077	0.121606	0.007593	0.018432	0.019843	0.006055
3	C	120	0.478244	0.407751		0.333942	0.396073	0.036731	0.057207	0.605515	0.527796	0.020223	0.568086	0.162085	0.455566	0.448227	0.039753	0.461486	0.060709	0.420968	0.025661	0.050896
4	C	180	0.796346	0.889467	0.333942		0.916133	0.250899	0.726240	0.032323	0.114230	0.165752	0.571812	0.000713	0.090489	0.844681	0.019101	0.014122	0.005094	0.080012	0.013815	0.000034
5	0.1	30	0.826549	0.974602	0.396073	0.916133		0.204337	0.644485	0.167629	0.031209	0.136209	0.645348	0.025626	0.020422	0.927800	0.025003	0.114230	0.000096	0.099552	0.018267	0.005515
6	0.1	60	0.161359	0.060507	0.036731	0.250899	0.204337		0.417624	0.008706	0.006930	0.724843	0.087770	0.000601	0.004948	0.049819	0.000581	0.005094	0.000104	0.000036	0.000378	0.000077
7	0.1	120	0.545516	0.626159	0.057207	0.726240	0.644485	0.417624		0.066551	0.054406	0.298940	0.180550	0.007540	0.041735	0.585185	0.000107	0.042705	0.001724	0.036303	0.000054	0.001336
8	0.1	180	0.224836	0.183438	0.605515	0.032323	0.167629	0.008706	0.066551		0.908364	0.004805	0.365605	0.194845	0.817947	0.203362	0.370795	0.746490	0.171751	0.772626	0.309248	0.034955
9	1	30	0.052329	0.148713	0.527796	0.114230	0.031209	0.006930	0.054406	0.908364		0.003002	0.301682	0.434876	0.865919	0.165752	0.435190	0.916133	0.067058	0.861966	0.366898	0.183438
10	1	60	0.101551	0.026363	0.020223	0.165752	0.136209	0.724843	0.298940	0.004805	0.003002		0.049020	0.000215	0.002373	0.021191	0.000248	0.002448	0.000041	0.000009	0.000159	0.000030
11	1	120	0.755823	0.668336	0.568086	0.571812	0.645348	0.087770	0.180550	0.365605	0.301682	0.049020		0.071001	0.256970	0.711599	0.009054	0.261074	0.024094	0.233297	0.005396	0.019717
12	1	180	0.036947	0.027745	0.162085	0.000713	0.025626	0.000601	0.007540	0.194845	0.434876	0.000215	0.071001		0.511948	0.032061	0.992184	0.329349	0.627894	0.550400	0.894791	0.409239
13	5	30	0.035258	0.119298	0.455566	0.090489	0.020422	0.004948	0.041735	0.817947	0.865919	0.002373	0.256970	0.511948		0.128601	0.500007	0.992079	0.095844	0.953130	0.430894	0.223910
14	5	60	0.953130	0.931290	0.448227	0.844681	0.927800	0.049819	0.585185	0.203362	0.165752	0.021191	0.711599	0.032061	0.128601		0.029145	0.131083	0.008971	0.023015	0.023070	0.007179
15	5	120	0.036090	0.027077	0.039753	0.019101	0.025003	0.000581	0.000107	0.370795	0.435190	0.000248	0.009054	0.992184	0.500007	0.029145		0.493735	0.634851	0.543892	0.857451	0.580153
16	5	180	0.152147	0.121606	0.461486	0.014122	0.114230	0.005094	0.042705	0.746490	0.916133	0.002448	0.261074	0.329349	0.992079	0.131083	0.493735		0.250899	0.945330	0.425205	0.073053
17	10	30	0.000216	0.007593	0.060709	0.005094	0.000096	0.000104	0.001724	0.171751	0.067058	0.000041	0.024094	0.627894	0.095844	0.008971	0.634851	0.250899		0.273745	0.720868	0.936700

18	10	60	0.133685	0.018432	0.420968	0.080012	0.099552	0.000036	0.036303	0.772626	0.861966	0.000009	0.233297	0.550400	0.953130	0.023015	0.543892	0.945330	0.273745	0.460014	0.240668
19	10	120	0.026749	0.019843	0.025661	0.013815	0.018267	0.000378	0.000054	0.309248	0.366898	0.000159	0.005396	0.894791	0.430894	0.023070	0.857451	0.425205	0.720868	0.460014	0.662368
20	10	180	0.008489	0.006055	0.050896	0.000034	0.005515	0.000077	0.001336	0.034955	0.183438	0.000030	0.019717	0.409239	0.223910	0.007179	0.580153	0.073053	0.936700	0.240668	0.662368

**LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-0.4000	3.351364	0.905176	-7.0293	6.22933
{1}-{3}	C*30	C*120	2.3833	3.351364	0.478244	-4.2460	9.01266
{1}-{4}	C*30	C*180	-0.8667	3.351364	0.796346	-7.4960	5.76266
{1}-{5}	C*30	0.1*30	-0.5083	2.315182	0.826549	-5.0880	4.07132
{1}-{6}	C*30	0.1*60	-4.7833	3.396253	0.161359	-11.5015	1.93479
{1}-{7}	C*30	0.1*120	-2.0583	3.396253	0.545516	-8.7765	4.65979
{1}-{8}	C*30	0.1*180	4.1417	3.396253	0.224836	-2.5765	10.85979
{1}-{9}	C*30	1*30	4.5333	2.315182	0.052329	-0.0463	9.11299
{1}-{10}	C*30	1*60	-5.6000	3.396253	0.101551	-12.3181	1.11812
{1}-{11}	C*30	1*120	1.0583	3.396253	0.755823	-5.6598	7.77646
{1}-{12}	C*30	1*180	7.1583	3.396253	0.036947	0.4402	13.87646
{1}-{13}	C*30	5*30	4.9250	2.315182	0.035258	0.3453	9.50466
{1}-{14}	C*30	5*60	-0.2000	3.396253	0.953130	-6.9181	6.51812
{1}-{15}	C*30	5*120	7.1917	3.396253	0.036090	0.4735	13.90979
{1}-{16}	C*30	5*180	4.8917	3.396253	0.152147	-1.8265	11.60979
{1}-{17}	C*30	10*30	8.8083	2.315182	0.000216	4.2287	13.38799

{1}-{18}	C*30	10*60	5.1250	3.396253	0.133685	-1.5931	11.84312
{1}-{19}	C*30	10*120	7.6083	3.396253	0.026749	0.8902	14.32646
{1}-{20}	C*30	10*180	9.0750	3.396253	0.008489	2.3569	15.79312
{2}-{3}	C*60	C*120	2.7833	3.351364	0.407751	-3.8460	9.41266
{2}-{4}	C*60	C*180	-0.4667	3.351364	0.889467	-7.0960	6.16266
{2}-{5}	C*60	0.1*30	-0.1083	3.396253	0.974602	-6.8265	6.60979
{2}-{6}	C*60	0.1*60	-4.3833	2.315182	0.060507	-8.9630	0.19632
{2}-{7}	C*60	0.1*120	-1.6583	3.396253	0.626159	-8.3765	5.05979
{2}-{8}	C*60	0.1*180	4.5417	3.396253	0.183438	-2.1765	11.25979
{2}-{9}	C*60	1*30	4.9333	3.396253	0.148713	-1.7848	11.65146
{2}-{10}	C*60	1*60	-5.2000	2.315182	0.026363	-9.7797	-0.62034
{2}-{11}	C*60	1*120	1.4583	3.396253	0.668336	-5.2598	8.17646
{2}-{12}	C*60	1*180	7.5583	3.396253	0.027745	0.8402	14.27646
{2}-{13}	C*60	5*30	5.3250	3.396253	0.119298	-1.3931	12.04312
{2}-{14}	C*60	5*60	0.2000	2.315182	0.931290	-4.3797	4.77966
{2}-{15}	C*60	5*120	7.5917	3.396253	0.027077	0.8735	14.30979
{2}-{16}	C*60	5*180	5.2917	3.396253	0.121606	-1.4265	12.00979
{2}-{17}	C*60	10*30	9.2083	3.396253	0.007593	2.4902	15.92646
{2}-{18}	C*60	10*60	5.5250	2.315182	0.018432	0.9453	10.10466
{2}-{19}	C*60	10*120	8.0083	3.396253	0.019843	1.2902	14.72646
{2}-{20}	C*60	10*180	9.4750	3.396253	0.006055	2.7569	16.19312
{3}-{4}	C*120	C*180	-3.2500	3.351364	0.333942	-9.8793	3.37933
{3}-{5}	C*120	0.1*30	-2.8917	3.396253	0.396073	-9.6098	3.82646
{3}-{6}	C*120	0.1*60	-7.1667	3.396253	0.036731	-13.8848	-0.44854
{3}-{7}	C*120	0.1*120	-4.4417	2.315182	0.057207	-9.0213	0.13799
{3}-{8}	C*120	0.1*180	1.7583	3.396253	0.605515	-4.9598	8.47646

{3}-{9}	C*120	1*30	2.1500	3.396253	0.527796	-4.5681	8.86812
{3}-{10}	C*120	1*60	-7.9833	3.396253	0.020223	-14.7015	-1.26521
{3}-{11}	C*120	1*120	-1.3250	2.315182	0.568086	-5.9047	3.25466
{3}-{12}	C*120	1*180	4.7750	3.396253	0.162085	-1.9431	11.49312
{3}-{13}	C*120	5*30	2.5417	3.396253	0.455566	-4.1765	9.25979
{3}-{14}	C*120	5*60	-2.5833	3.396253	0.448227	-9.3015	4.13479
{3}-{15}	C*120	5*120	4.8083	2.315182	0.039753	0.2287	9.38799
{3}-{16}	C*120	5*180	2.5083	3.396253	0.461486	-4.2098	9.22646
{3}-{17}	C*120	10*30	6.4250	3.396253	0.060709	-0.2931	13.14312
{3}-{18}	C*120	10*60	2.7417	3.396253	0.420968	-3.9765	9.45979
{3}-{19}	C*120	10*120	5.2250	2.315182	0.025661	0.6453	9.80466
{3}-{20}	C*120	10*180	6.6917	3.396253	0.050896	-0.0265	13.40979
{4}-{5}	C*180	0.1*30	0.3583	3.396253	0.916133	-6.3598	7.07646
{4}-{6}	C*180	0.1*60	-3.9167	3.396253	0.250899	-10.6348	2.80146
{4}-{7}	C*180	0.1*120	-1.1917	3.396253	0.726240	-7.9098	5.52646
{4}-{8}	C*180	0.1*180	5.0083	2.315182	0.032323	0.4287	9.58799
{4}-{9}	C*180	1*30	5.4000	3.396253	0.114230	-1.3181	12.11812
{4}-{10}	C*180	1*60	-4.7333	3.396253	0.165752	-11.4515	1.98479
{4}-{11}	C*180	1*120	1.9250	3.396253	0.571812	-4.7931	8.64312
{4}-{12}	C*180	1*180	8.0250	2.315182	0.000713	3.4453	12.60466
{4}-{13}	C*180	5*30	5.7917	3.396253	0.090489	-0.9265	12.50979
{4}-{14}	C*180	5*60	0.6667	3.396253	0.844681	-6.0515	7.38479
{4}-{15}	C*180	5*120	8.0583	3.396253	0.019101	1.3402	14.77646
{4}-{16}	C*180	5*180	5.7583	2.315182	0.014122	1.1787	10.33799
{4}-{17}	C*180	10*30	9.6750	3.396253	0.005094	2.9569	16.39312
{4}-{18}	C*180	10*60	5.9917	3.396253	0.080012	-0.7265	12.70979

{4}-{19}	C*180	10*120	8.4750	3.396253	0.013815	1.7569	15.19312
{4}-{20}	C*180	10*180	9.9417	2.315182	0.000034	5.3620	14.52132
{5}-{6}	0.1*30	0.1*60	-4.2750	3.351364	0.204337	-10.9043	2.35433
{5}-{7}	0.1*30	0.1*120	-1.5500	3.351364	0.644485	-8.1793	5.07933
{5}-{8}	0.1*30	0.1*180	4.6500	3.351364	0.167629	-1.9793	11.27933
{5}-{9}	0.1*30	1*30	5.0417	2.315182	0.031209	0.4620	9.62132
{5}-{10}	0.1*30	1*60	-5.0917	3.396253	0.136209	-11.8098	1.62646
{5}-{11}	0.1*30	1*120	1.5667	3.396253	0.645348	-5.1515	8.28479
{5}-{12}	0.1*30	1*180	7.6667	3.396253	0.025626	0.9485	14.38479
{5}-{13}	0.1*30	5*30	5.4333	2.315182	0.020422	0.8537	10.01299
{5}-{14}	0.1*30	5*60	0.3083	3.396253	0.927800	-6.4098	7.02646
{5}-{15}	0.1*30	5*120	7.7000	3.396253	0.025003	0.9819	14.41812
{5}-{16}	0.1*30	5*180	5.4000	3.396253	0.114230	-1.3181	12.11812
{5}-{17}	0.1*30	10*30	9.3167	2.315182	0.000096	4.7370	13.89632
{5}-{18}	0.1*30	10*60	5.6333	3.396253	0.099552	-1.0848	12.35146
{5}-{19}	0.1*30	10*120	8.1167	3.396253	0.018267	1.3985	14.83479
{5}-{20}	0.1*30	10*180	9.5833	3.396253	0.005515	2.8652	16.30146
{6}-{7}	0.1*60	0.1*120	2.7250	3.351364	0.417624	-3.9043	9.35433
{6}-{8}	0.1*60	0.1*180	8.9250	3.351364	0.008706	2.2957	15.55433
{6}-{9}	0.1*60	1*30	9.3167	3.396253	0.006930	2.5985	16.03479
{6}-{10}	0.1*60	1*60	-0.8167	2.315182	0.724843	-5.3963	3.76299
{6}-{11}	0.1*60	1*120	5.8417	3.396253	0.087770	-0.8765	12.55979
{6}-{12}	0.1*60	1*180	11.9417	3.396253	0.000601	5.2235	18.65979
{6}-{13}	0.1*60	5*30	9.7083	3.396253	0.004948	2.9902	16.42646
{6}-{14}	0.1*60	5*60	4.5833	2.315182	0.049819	0.0037	9.16299
{6}-{15}	0.1*60	5*120	11.9750	3.396253	0.000581	5.2569	18.69312

{6}-{16}	0.1*60	5*180	9.6750	3.396253	0.005094	2.9569	16.39312
{6}-{17}	0.1*60	10*30	13.5917	3.396253	0.000104	6.8735	20.30979
{6}-{18}	0.1*60	10*60	9.9083	2.315182	0.000036	5.3287	14.48799
{6}-{19}	0.1*60	10*120	12.3917	3.396253	0.000378	5.6735	19.10979
{6}-{20}	0.1*60	10*180	13.8583	3.396253	0.000077	7.1402	20.57646
{7}-{8}	0.1*120	0.1*180	6.2000	3.351364	0.066551	-0.4293	12.82933
{7}-{9}	0.1*120	1*30	6.5917	3.396253	0.054406	-0.1265	13.30979
{7}-{10}	0.1*120	1*60	-3.5417	3.396253	0.298940	-10.2598	3.17646
{7}-{11}	0.1*120	1*120	3.1167	2.315182	0.180550	-1.4630	7.69632
{7}-{12}	0.1*120	1*180	9.2167	3.396253	0.007540	2.4985	15.93479
{7}-{13}	0.1*120	5*30	6.9833	3.396253	0.041735	0.2652	13.70146
{7}-{14}	0.1*120	5*60	1.8583	3.396253	0.585185	-4.8598	8.57646
{7}-{15}	0.1*120	5*120	9.2500	2.315182	0.000107	4.6703	13.82966
{7}-{16}	0.1*120	5*180	6.9500	3.396253	0.042705	0.2319	13.66812
{7}-{17}	0.1*120	10*30	10.8667	3.396253	0.001724	4.1485	17.58479
{7}-{18}	0.1*120	10*60	7.1833	3.396253	0.036303	0.4652	13.90146
{7}-{19}	0.1*120	10*120	9.6667	2.315182	0.000054	5.0870	14.24632
{7}-{20}	0.1*120	10*180	11.1333	3.396253	0.001336	4.4152	17.85146
{8}-{9}	0.1*180	1*30	0.3917	3.396253	0.908364	-6.3265	7.10979
{8}-{10}	0.1*180	1*60	-9.7417	3.396253	0.004805	-16.4598	-3.02354
{8}-{11}	0.1*180	1*120	-3.0833	3.396253	0.365605	-9.8015	3.63479
{8}-{12}	0.1*180	1*180	3.0167	2.315182	0.194845	-1.5630	7.59632
{8}-{13}	0.1*180	5*30	0.7833	3.396253	0.817947	-5.9348	7.50146
{8}-{14}	0.1*180	5*60	-4.3417	3.396253	0.203362	-11.0598	2.37646
{8}-{15}	0.1*180	5*120	3.0500	3.396253	0.370795	-3.6681	9.76812
{8}-{16}	0.1*180	5*180	0.7500	2.315182	0.746490	-3.8297	5.32966



{8}-{17}	0.1*180	10*30	4.6667	3.396253	0.171751	-2.0515	11.38479
{8}-{18}	0.1*180	10*60	0.9833	3.396253	0.772626	-5.7348	7.70146
{8}-{19}	0.1*180	10*120	3.4667	3.396253	0.309248	-3.2515	10.18479
{8}-{20}	0.1*180	10*180	4.9333	2.315182	0.034955	0.3537	9.51299
{9}-{10}	1*30	1*60	-10.1333	3.351364	0.003002	-16.7627	-3.50400
{9}-{11}	1*30	1*120	-3.4750	3.351364	0.301682	-10.1043	3.15433
{9}-{12}	1*30	1*180	2.6250	3.351364	0.434876	-4.0043	9.25433
{9}-{13}	1*30	5*30	0.3917	2.315182	0.865919	-4.1880	4.97132
{9}-{14}	1*30	5*60	-4.7333	3.396253	0.165752	-11.4515	1.98479
{9}-{15}	1*30	5*120	2.6583	3.396253	0.435190	-4.0598	9.37646
{9}-{16}	1*30	5*180	0.3583	3.396253	0.916133	-6.3598	7.07646
{9}-{17}	1*30	10*30	4.2750	2.315182	0.067058	-0.3047	8.85466
{9}-{18}	1*30	10*60	0.5917	3.396253	0.861966	-6.1265	7.30979
{9}-{19}	1*30	10*120	3.0750	3.396253	0.366898	-3.6431	9.79312
{9}-{20}	1*30	10*180	4.5417	3.396253	0.183438	-2.1765	11.25979
{10}-{11}	1*60	1*120	6.6583	3.351364	0.049020	0.0290	13.28766
{10}-{12}	1*60	1*180	12.7583	3.351364	0.000215	6.1290	19.38766
{10}-{13}	1*60	5*30	10.5250	3.396253	0.002373	3.8069	17.24312
{10}-{14}	1*60	5*60	5.4000	2.315182	0.021191	0.8203	9.97966
{10}-{15}	1*60	5*120	12.7917	3.396253	0.000248	6.0735	19.50979
{10}-{16}	1*60	5*180	10.4917	3.396253	0.002448	3.7735	17.20979
{10}-{17}	1*60	10*30	14.4083	3.396253	0.000041	7.6902	21.12646
{10}-{18}	1*60	10*60	10.7250	2.315182	0.000009	6.1453	15.30466
{10}-{19}	1*60	10*120	13.2083	3.396253	0.000159	6.4902	19.92646
{10}-{20}	1*60	10*180	14.6750	3.396253	0.000030	7.9569	21.39312
{11}-{12}	1*120	1*180	6.1000	3.351364	0.071001	-0.5293	12.72933

{11}-{13}	1*120	5*30	3.8667	3.396253	0.256970	-2.8515	10.58479
{11}-{14}	1*120	5*60	-1.2583	3.396253	0.711599	-7.9765	5.45979
{11}-{15}	1*120	5*120	6.1333	2.315182	0.009054	1.5537	10.71299
{11}-{16}	1*120	5*180	3.8333	3.396253	0.261074	-2.8848	10.55146
{11}-{17}	1*120	10*30	7.7500	3.396253	0.024094	1.0319	14.46812
{11}-{18}	1*120	10*60	4.0667	3.396253	0.233297	-2.6515	10.78479
{11}-{19}	1*120	10*120	6.5500	2.315182	0.005396	1.9703	11.12966
{11}-{20}	1*120	10*180	8.0167	3.396253	0.019717	1.2985	14.73479
{12}-{13}	1*180	5*30	-2.2333	3.396253	0.511948	-8.9515	4.48479
{12}-{14}	1*180	5*60	-7.3583	3.396253	0.032061	-14.0765	-0.64021
{12}-{15}	1*180	5*120	0.0333	3.396253	0.992184	-6.6848	6.75146
{12}-{16}	1*180	5*180	-2.2667	2.315182	0.329349	-6.8463	2.31299
{12}-{17}	1*180	10*30	1.6500	3.396253	0.627894	-5.0681	8.36812
{12}-{18}	1*180	10*60	-2.0333	3.396253	0.550400	-8.7515	4.68479
{12}-{19}	1*180	10*120	0.4500	3.396253	0.894791	-6.2681	7.16812
{12}-{20}	1*180	10*180	1.9167	2.315182	0.409239	-2.6630	6.49632
{13}-{14}	5*30	5*60	-5.1250	3.351364	0.128601	-11.7543	1.50433
{13}-{15}	5*30	5*120	2.2667	3.351364	0.500007	-4.3627	8.89600
{13}-{16}	5*30	5*180	-0.0333	3.351364	0.992079	-6.6627	6.59600
{13}-{17}	5*30	10*30	3.8833	2.315182	0.095844	-0.6963	8.46299
{13}-{18}	5*30	10*60	0.2000	3.396253	0.953130	-6.5181	6.91812
{13}-{19}	5*30	10*120	2.6833	3.396253	0.430894	-4.0348	9.40146
{13}-{20}	5*30	10*180	4.1500	3.396253	0.223910	-2.5681	10.86812
{14}-{15}	5*60	5*120	7.3917	3.351364	0.029145	0.7623	14.02100
{14}-{16}	5*60	5*180	5.0917	3.351364	0.131083	-1.5377	11.72100
{14}-{17}	5*60	10*30	9.0083	3.396253	0.008971	2.2902	15.72646

{14}-{18}	5*60	10*60	5.3250	2.315182	0.023015	0.7453	9.90466
{14}-{19}	5*60	10*120	7.8083	3.396253	0.023070	1.0902	14.52646
{14}-{20}	5*60	10*180	9.2750	3.396253	0.007179	2.5569	15.99312
{15}-{16}	5*120	5*180	-2.3000	3.351364	0.493735	-8.9293	4.32933
{15}-{17}	5*120	10*30	1.6167	3.396253	0.634851	-5.1015	8.33479
{15}-{18}	5*120	10*60	-2.0667	3.396253	0.543892	-8.7848	4.65146
{15}-{19}	5*120	10*120	0.4167	2.315182	0.857451	-4.1630	4.99632
{15}-{20}	5*120	10*180	1.8833	3.396253	0.580153	-4.8348	8.60146
{16}-{17}	5*180	10*30	3.9167	3.396253	0.250899	-2.8015	10.63479
{16}-{18}	5*180	10*60	0.2333	3.396253	0.945330	-6.4848	6.95146
{16}-{19}	5*180	10*120	2.7167	3.396253	0.425205	-4.0015	9.43479
{16}-{20}	5*180	10*180	4.1833	2.315182	0.073053	-0.3963	8.76299
{17}-{18}	10*30	10*60	-3.6833	3.351364	0.273745	-10.3127	2.94600
{17}-{19}	10*30	10*120	-1.2000	3.351364	0.720868	-7.8293	5.42933
{17}-{20}	10*30	10*180	0.2667	3.351364	0.936700	-6.3627	6.89600
{18}-{19}	10*60	10*120	2.4833	3.351364	0.460014	-4.1460	9.11266
{18}-{20}	10*60	10*180	3.9500	3.351364	0.240668	-2.6793	10.57933
{19}-{20}	10*120	10*180	1.4667	3.351364	0.662368	-5.1627	8.09600

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 57.300	{2} - 59.850	{3} - 57.133	{4} - 58.875	{5} - 60.175	{6} - 64.408	{7} - 59.700	{8} - 55.108	{9} - 51.967	{10} - 66.258	{11} - 54.867	{12} - 50.925	{13} - 52.317	{14} - 57.942	{15} - 49.517	{16} - 53.400	{17} - 44.750	{18} - 50.792	{19} - 47.475	{20} - 48.758
1	C	30		0.523872	0.966745	0.693678	0.341294	0.086625	0.560975	0.595431	0.078752	0.031363	0.555554	0.123957	0.100212	0.876400	0.060913	0.345286	0.000055	0.116356	0.018447	0.039980
2	C	60	0.523872		0.497153	0.807333	0.937208	0.132353	0.970995	0.251578	0.057712	0.035127	0.228340	0.031987	0.069572	0.527219	0.013297	0.119634	0.000354	0.003139	0.003175	0.007983

3	C	120	0.966745	0.497153		0.663185	0.461397	0.079569	0.395408	0.623680	0.211772	0.028396	0.452807	0.134003	0.244194	0.844666	0.012574	0.366225	0.003155	0.125917	0.001675	0.043958
4	C	180	0.693678	0.807333	0.663185		0.752713	0.181306	0.841506	0.213051	0.095757	0.075241	0.332098	0.009265	0.113603	0.821030	0.024655	0.071215	0.000805	0.051733	0.006440	0.001017
5	0.1	30	0.341294	0.937208	0.461397	0.752713		0.290640	0.905420	0.206381	0.007265	0.141947	0.199585	0.026335	0.010086	0.588462	0.010719	0.102268	0.000001	0.024281	0.002485	0.006364
6	0.1	60	0.086625	0.132353	0.079569	0.181306	0.290640		0.240115	0.021280	0.003020	0.539904	0.022026	0.001351	0.003916	0.033525	0.000424	0.008454	0.000005	0.000013	0.000068	0.000219
7	0.1	120	0.560975	0.970995	0.395408	0.841506	0.905420	0.240115		0.251904	0.062569	0.113603	0.110751	0.034933	0.075241	0.670051	0.000945	0.128401	0.000403	0.032304	0.000083	0.008849
8	0.1	180	0.595431	0.251578	0.623680	0.213051	0.206381	0.021280	0.251904		0.446829	0.007668	0.953286	0.166966	0.498964	0.492591	0.176779	0.571340	0.013080	0.296390	0.065993	0.036796
9	1	30	0.078752	0.057712	0.211772	0.095757	0.007265	0.003020	0.062569	0.446829		0.000478	0.468631	0.794448	0.907617	0.149123	0.552853	0.728317	0.017915	0.775813	0.277323	0.437266
10	1	60	0.031363	0.035127	0.028396	0.075241	0.141947	0.539904	0.113603	0.007668	0.000478		0.005000	0.000188	0.000935	0.006550	0.000082	0.002202	0.000001	0.000001	0.000011	0.000040
11	1	120	0.555554	0.228340	0.452807	0.332098	0.199585	0.022026	0.110751	0.953286	0.468631	0.005000		0.325022	0.536787	0.456511	0.077832	0.722261	0.015310	0.324149	0.015371	0.140329
12	1	180	0.123957	0.031987	0.134003	0.009265	0.026335	0.001351	0.034933	0.166966	0.794448	0.000188	0.325022		0.735912	0.090718	0.732871	0.412457	0.136086	0.974217	0.403615	0.472949
13	5	30	0.100212	0.069572	0.244194	0.113603	0.010086	0.003916	0.075241	0.498964	0.907617	0.000935	0.536787	0.735912		0.160963	0.484073	0.786424	0.013153	0.711704	0.241768	0.389054
14	5	60	0.876400	0.527219	0.844666	0.821030	0.588462	0.033525	0.670051	0.492591	0.149123	0.006550	0.456511	0.090718	0.160963		0.036614	0.257079	0.001701	0.018979	0.012179	0.027417
15	5	120	0.060913	0.013297	0.012574	0.024655	0.010719	0.000424	0.000945	0.176779	0.552853	0.000082	0.077832	0.732871	0.484073	0.036614		0.332207	0.249100	0.757316	0.498814	0.854162
16	5	180	0.345286	0.119634	0.366225	0.071215	0.102268	0.008454	0.128401	0.571340	0.728317	0.002202	0.722261	0.412457	0.786424	0.257079	0.332207		0.037564	0.527525	0.152529	0.125484
17	10	30	0.000055	0.000354	0.003155	0.000805	0.000001	0.000005	0.000403	0.013080	0.017915	0.000001	0.015310	0.136086	0.013153	0.001701	0.249100	0.037564		0.132370	0.495836	0.316936
18	10	60	0.116356	0.003139	0.125917	0.051733	0.024281	0.000013	0.032304	0.296390	0.775813	0.000001	0.324149	0.974217	0.711704	0.018979	0.757316	0.527525	0.132370		0.407342	0.611182
19	10	120	0.018447	0.003175	0.001675	0.006440	0.002485	0.000068	0.000083	0.065993	0.277323	0.000011	0.015371	0.403615	0.241768	0.012179	0.498814	0.152529	0.495836	0.407342		0.748239
20	10	180	0.039980	0.007983	0.043958	0.001017	0.006364	0.000219	0.008849	0.036796	0.437266	0.000040	0.140329	0.472949	0.389054	0.027417	0.854162	0.125484	0.316936	0.611182	0.748239	

**LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-2.5500	3.990051	0.523872	-10.4427	5.34271

{1}-{3}	C*30	C*120	0.1667	3.990051	0.966745	-7.7260	8.05938
{1}-{4}	C*30	C*180	-1.5750	3.990051	0.693678	-9.4677	6.31771
{1}-{5}	C*30	0.1*30	-2.8750	3.010290	0.341294	-8.8297	3.07965
{1}-{6}	C*30	0.1*60	-7.1083	4.117557	0.086625	-15.2533	1.03660
{1}-{7}	C*30	0.1*120	-2.4000	4.117557	0.560975	-10.5449	5.74493
{1}-{8}	C*30	0.1*180	2.1917	4.117557	0.595431	-5.9533	10.33660
{1}-{9}	C*30	1*30	5.3333	3.010290	0.078752	-0.6213	11.28799
{1}-{10}	C*30	1*60	-8.9583	4.117557	0.031363	-17.1033	-0.81340
{1}-{11}	C*30	1*120	2.4333	4.117557	0.555554	-5.7116	10.57827
{1}-{12}	C*30	1*180	6.3750	4.117557	0.123957	-1.7699	14.51993
{1}-{13}	C*30	5*30	4.9833	3.010290	0.100212	-0.9713	10.93799
{1}-{14}	C*30	5*60	-0.6417	4.117557	0.876400	-8.7866	7.50327
{1}-{15}	C*30	5*120	7.7833	4.117557	0.060913	-0.3616	15.92827
{1}-{16}	C*30	5*180	3.9000	4.117557	0.345286	-4.2449	12.04493
{1}-{17}	C*30	10*30	12.5500	3.010290	0.000055	6.5953	18.50465
{1}-{18}	C*30	10*60	6.5083	4.117557	0.116356	-1.6366	14.65327
{1}-{19}	C*30	10*120	9.8250	4.117557	0.018447	1.6801	17.96993
{1}-{20}	C*30	10*180	8.5417	4.117557	0.039980	0.3967	16.68660
{2}-{3}	C*60	C*120	2.7167	3.990051	0.497153	-5.1760	10.60938
{2}-{4}	C*60	C*180	0.9750	3.990051	0.807333	-6.9177	8.86771
{2}-{5}	C*60	0.1*30	-0.3250	4.117557	0.937208	-8.4699	7.81993
{2}-{6}	C*60	0.1*60	-4.5583	3.010290	0.132353	-10.5130	1.39632
{2}-{7}	C*60	0.1*120	0.1500	4.117557	0.970995	-7.9949	8.29493
{2}-{8}	C*60	0.1*180	4.7417	4.117557	0.251578	-3.4033	12.88660
{2}-{9}	C*60	1*30	7.8833	4.117557	0.057712	-0.2616	16.02827
{2}-{10}	C*60	1*60	-6.4083	3.010290	0.035127	-12.3630	-0.45368

{2}-{11}	C*60	1*120	4.9833	4.117557	0.228340	-3.1616	13.12827
{2}-{12}	C*60	1*180	8.9250	4.117557	0.031987	0.7801	17.06993
{2}-{13}	C*60	5*30	7.5333	4.117557	0.069572	-0.6116	15.67827
{2}-{14}	C*60	5*60	1.9083	3.010290	0.527219	-4.0463	7.86299
{2}-{15}	C*60	5*120	10.3333	4.117557	0.013297	2.1884	18.47827
{2}-{16}	C*60	5*180	6.4500	4.117557	0.119634	-1.6949	14.59493
{2}-{17}	C*60	10*30	15.1000	4.117557	0.000354	6.9551	23.24493
{2}-{18}	C*60	10*60	9.0583	3.010290	0.003139	3.1037	15.01299
{2}-{19}	C*60	10*120	12.3750	4.117557	0.003175	4.2301	20.51993
{2}-{20}	C*60	10*180	11.0917	4.117557	0.007983	2.9467	19.23660
{3}-{4}	C*120	C*180	-1.7417	3.990051	0.663185	-9.6344	6.15105
{3}-{5}	C*120	0.1*30	-3.0417	4.117557	0.461397	-11.1866	5.10327
{3}-{6}	C*120	0.1*60	-7.2750	4.117557	0.079569	-15.4199	0.86993
{3}-{7}	C*120	0.1*120	-2.5667	3.010290	0.395408	-8.5213	3.38799
{3}-{8}	C*120	0.1*180	2.0250	4.117557	0.623680	-6.1199	10.16993
{3}-{9}	C*120	1*30	5.1667	4.117557	0.211772	-2.9783	13.31160
{3}-{10}	C*120	1*60	-9.1250	4.117557	0.028396	-17.2699	-0.98007
{3}-{11}	C*120	1*120	2.2667	3.010290	0.452807	-3.6880	8.22132
{3}-{12}	C*120	1*180	6.2083	4.117557	0.134003	-1.9366	14.35327
{3}-{13}	C*120	5*30	4.8167	4.117557	0.244194	-3.3283	12.96160
{3}-{14}	C*120	5*60	-0.8083	4.117557	0.844666	-8.9533	7.33660
{3}-{15}	C*120	5*120	7.6167	3.010290	0.012574	1.6620	13.57132
{3}-{16}	C*120	5*180	3.7333	4.117557	0.366225	-4.4116	11.87827
{3}-{17}	C*120	10*30	12.3833	4.117557	0.003155	4.2384	20.52827
{3}-{18}	C*120	10*60	6.3417	4.117557	0.125917	-1.8033	14.48660
{3}-{19}	C*120	10*120	9.6583	3.010290	0.001675	3.7037	15.61299

{3}-{20}	C*120	10*180	8.3750	4.117557	0.043958	0.2301	16.51993
{4}-{5}	C*180	0.1*30	-1.3000	4.117557	0.752713	-9.4449	6.84493
{4}-{6}	C*180	0.1*60	-5.5333	4.117557	0.181306	-13.6783	2.61160
{4}-{7}	C*180	0.1*120	-0.8250	4.117557	0.841506	-8.9699	7.31993
{4}-{8}	C*180	0.1*180	3.7667	3.010290	0.213051	-2.1880	9.72132
{4}-{9}	C*180	1*30	6.9083	4.117557	0.095757	-1.2366	15.05327
{4}-{10}	C*180	1*60	-7.3833	4.117557	0.075241	-15.5283	0.76160
{4}-{11}	C*180	1*120	4.0083	4.117557	0.332098	-4.1366	12.15327
{4}-{12}	C*180	1*180	7.9500	3.010290	0.009265	1.9953	13.90465
{4}-{13}	C*180	5*30	6.5583	4.117557	0.113603	-1.5866	14.70327
{4}-{14}	C*180	5*60	0.9333	4.117557	0.821030	-7.2116	9.07827
{4}-{15}	C*180	5*120	9.3583	4.117557	0.024655	1.2134	17.50327
{4}-{16}	C*180	5*180	5.4750	3.010290	0.071215	-0.4797	11.42965
{4}-{17}	C*180	10*30	14.1250	4.117557	0.000805	5.9801	22.26993
{4}-{18}	C*180	10*60	8.0833	4.117557	0.051733	-0.0616	16.22827
{4}-{19}	C*180	10*120	11.4000	4.117557	0.006440	3.2551	19.54493
{4}-{20}	C*180	10*180	10.1167	3.010290	0.001017	4.1620	16.07132
{5}-{6}	0.1*30	0.1*60	-4.2333	3.990051	0.290640	-12.1260	3.65938
{5}-{7}	0.1*30	0.1*120	0.4750	3.990051	0.905420	-7.4177	8.36771
{5}-{8}	0.1*30	0.1*180	5.0667	3.990051	0.206381	-2.8260	12.95938
{5}-{9}	0.1*30	1*30	8.2083	3.010290	0.007265	2.2537	14.16299
{5}-{10}	0.1*30	1*60	-6.0833	4.117557	0.141947	-14.2283	2.06160
{5}-{11}	0.1*30	1*120	5.3083	4.117557	0.199585	-2.8366	13.45327
{5}-{12}	0.1*30	1*180	9.2500	4.117557	0.026335	1.1051	17.39493
{5}-{13}	0.1*30	5*30	7.8583	3.010290	0.010086	1.9037	13.81299
{5}-{14}	0.1*30	5*60	2.2333	4.117557	0.588462	-5.9116	10.37827

{5}-{15}	0.1*30	5*120	10.6583	4.117557	0.010719	2.5134	18.80327
{5}-{16}	0.1*30	5*180	6.7750	4.117557	0.102268	-1.3699	14.91993
{5}-{17}	0.1*30	10*30	15.4250	3.010290	0.000001	9.4703	21.37965
{5}-{18}	0.1*30	10*60	9.3833	4.117557	0.024281	1.2384	17.52827
{5}-{19}	0.1*30	10*120	12.7000	4.117557	0.002485	4.5551	20.84493
{5}-{20}	0.1*30	10*180	11.4167	4.117557	0.006364	3.2717	19.56160
{6}-{7}	0.1*60	0.1*120	4.7083	3.990051	0.240115	-3.1844	12.60105
{6}-{8}	0.1*60	0.1*180	9.3000	3.990051	0.021280	1.4073	17.19271
{6}-{9}	0.1*60	1*30	12.4417	4.117557	0.003020	4.2967	20.58660
{6}-{10}	0.1*60	1*60	-1.8500	3.010290	0.539904	-7.8047	4.10465
{6}-{11}	0.1*60	1*120	9.5417	4.117557	0.022026	1.3967	17.68660
{6}-{12}	0.1*60	1*180	13.4833	4.117557	0.001351	5.3384	21.62827
{6}-{13}	0.1*60	5*30	12.0917	4.117557	0.003916	3.9467	20.23660
{6}-{14}	0.1*60	5*60	6.4667	3.010290	0.033525	0.5120	12.42132
{6}-{15}	0.1*60	5*120	14.8917	4.117557	0.000424	6.7467	23.03660
{6}-{16}	0.1*60	5*180	11.0083	4.117557	0.008454	2.8634	19.15327
{6}-{17}	0.1*60	10*30	19.6583	4.117557	0.000005	11.5134	27.80327
{6}-{18}	0.1*60	10*60	13.6167	3.010290	0.000013	7.6620	19.57132
{6}-{19}	0.1*60	10*120	16.9333	4.117557	0.000068	8.7884	25.07827
{6}-{20}	0.1*60	10*180	15.6500	4.117557	0.000219	7.5051	23.79493
{7}-{8}	0.1*120	0.1*180	4.5917	3.990051	0.251904	-3.3010	12.48438
{7}-{9}	0.1*120	1*30	7.7333	4.117557	0.062569	-0.4116	15.87827
{7}-{10}	0.1*120	1*60	-6.5583	4.117557	0.113603	-14.7033	1.58660
{7}-{11}	0.1*120	1*120	4.8333	3.010290	0.110751	-1.1213	10.78799
{7}-{12}	0.1*120	1*180	8.7750	4.117557	0.034933	0.6301	16.91993
{7}-{13}	0.1*120	5*30	7.3833	4.117557	0.075241	-0.7616	15.52827



{7}-{14}	0.1*120	5*60	1.7583	4.117557	0.670051	-6.3866	9.90327
{7}-{15}	0.1*120	5*120	10.1833	3.010290	0.000945	4.2287	16.13799
{7}-{16}	0.1*120	5*180	6.3000	4.117557	0.128401	-1.8449	14.44493
{7}-{17}	0.1*120	10*30	14.9500	4.117557	0.000403	6.8051	23.09493
{7}-{18}	0.1*120	10*60	8.9083	4.117557	0.032304	0.7634	17.05327
{7}-{19}	0.1*120	10*120	12.2250	3.010290	0.000083	6.2703	18.17965
{7}-{20}	0.1*120	10*180	10.9417	4.117557	0.008849	2.7967	19.08660
{8}-{9}	0.1*180	1*30	3.1417	4.117557	0.446829	-5.0033	11.28660
{8}-{10}	0.1*180	1*60	-11.1500	4.117557	0.007668	-19.2949	-3.00507
{8}-{11}	0.1*180	1*120	0.2417	4.117557	0.953286	-7.9033	8.38660
{8}-{12}	0.1*180	1*180	4.1833	3.010290	0.166966	-1.7713	10.13799
{8}-{13}	0.1*180	5*30	2.7917	4.117557	0.498964	-5.3533	10.93660
{8}-{14}	0.1*180	5*60	-2.8333	4.117557	0.492591	-10.9783	5.31160
{8}-{15}	0.1*180	5*120	5.5917	4.117557	0.176779	-2.5533	13.73660
{8}-{16}	0.1*180	5*180	1.7083	3.010290	0.571340	-4.2463	7.66299
{8}-{17}	0.1*180	10*30	10.3583	4.117557	0.013080	2.2134	18.50327
{8}-{18}	0.1*180	10*60	4.3167	4.117557	0.296390	-3.8283	12.46160
{8}-{19}	0.1*180	10*120	7.6333	4.117557	0.065993	-0.5116	15.77827
{8}-{20}	0.1*180	10*180	6.3500	3.010290	0.036796	0.3953	12.30465
{9}-{10}	1*30	1*60	-14.2917	3.990051	0.000478	-22.1844	-6.39895
{9}-{11}	1*30	1*120	-2.9000	3.990051	0.468631	-10.7927	4.99271
{9}-{12}	1*30	1*180	1.0417	3.990051	0.794448	-6.8510	8.93438
{9}-{13}	1*30	5*30	-0.3500	3.010290	0.907617	-6.3047	5.60465
{9}-{14}	1*30	5*60	-5.9750	4.117557	0.149123	-14.1199	2.16993
{9}-{15}	1*30	5*120	2.4500	4.117557	0.552853	-5.6949	10.59493
{9}-{16}	1*30	5*180	-1.4333	4.117557	0.728317	-9.5783	6.71160

{9}-{17}	1*30	10*30	7.2167	3.010290	0.017915	1.2620	13.17132
{9}-{18}	1*30	10*60	1.1750	4.117557	0.775813	-6.9699	9.31993
{9}-{19}	1*30	10*120	4.4917	4.117557	0.277323	-3.6533	12.63660
{9}-{20}	1*30	10*180	3.2083	4.117557	0.437266	-4.9366	11.35327
{10}-{11}	1*60	1*120	11.3917	3.990051	0.005000	3.4990	19.28438
{10}-{12}	1*60	1*180	15.3333	3.990051	0.000188	7.4406	23.22605
{10}-{13}	1*60	5*30	13.9417	4.117557	0.000935	5.7967	22.08660
{10}-{14}	1*60	5*60	8.3167	3.010290	0.006550	2.3620	14.27132
{10}-{15}	1*60	5*120	16.7417	4.117557	0.000082	8.5967	24.88660
{10}-{16}	1*60	5*180	12.8583	4.117557	0.002202	4.7134	21.00327
{10}-{17}	1*60	10*30	21.5083	4.117557	0.000001	13.3634	29.65327
{10}-{18}	1*60	10*60	15.4667	3.010290	0.000001	9.5120	21.42132
{10}-{19}	1*60	10*120	18.7833	4.117557	0.000011	10.6384	26.92827
{10}-{20}	1*60	10*180	17.5000	4.117557	0.000040	9.3551	25.64493
{11}-{12}	1*120	1*180	3.9417	3.990051	0.325022	-3.9510	11.83438
{11}-{13}	1*120	5*30	2.5500	4.117557	0.536787	-5.5949	10.69493
{11}-{14}	1*120	5*60	-3.0750	4.117557	0.456511	-11.2199	5.06993
{11}-{15}	1*120	5*120	5.3500	3.010290	0.077832	-0.6047	11.30465
{11}-{16}	1*120	5*180	1.4667	4.117557	0.722261	-6.6783	9.61160
{11}-{17}	1*120	10*30	10.1167	4.117557	0.015310	1.9717	18.26160
{11}-{18}	1*120	10*60	4.0750	4.117557	0.324149	-4.0699	12.21993
{11}-{19}	1*120	10*120	7.3917	3.010290	0.015371	1.4370	13.34632
{11}-{20}	1*120	10*180	6.1083	4.117557	0.140329	-2.0366	14.25327
{12}-{13}	1*180	5*30	-1.3917	4.117557	0.735912	-9.5366	6.75327
{12}-{14}	1*180	5*60	-7.0167	4.117557	0.090718	-15.1616	1.12827
{12}-{15}	1*180	5*120	1.4083	4.117557	0.732871	-6.7366	9.55327

{12}-{16}	1*180	5*180	-2.4750	3.010290	0.412457	-8.4297	3.47965
{12}-{17}	1*180	10*30	6.1750	4.117557	0.136086	-1.9699	14.31993
{12}-{18}	1*180	10*60	0.1333	4.117557	0.974217	-8.0116	8.27827
{12}-{19}	1*180	10*120	3.4500	4.117557	0.403615	-4.6949	11.59493
{12}-{20}	1*180	10*180	2.1667	3.010290	0.472949	-3.7880	8.12132
{13}-{14}	5*30	5*60	-5.6250	3.990051	0.160963	-13.5177	2.26771
{13}-{15}	5*30	5*120	2.8000	3.990051	0.484073	-5.0927	10.69271
{13}-{16}	5*30	5*180	-1.0833	3.990051	0.786424	-8.9760	6.80938
{13}-{17}	5*30	10*30	7.5667	3.010290	0.013153	1.6120	13.52132
{13}-{18}	5*30	10*60	1.5250	4.117557	0.711704	-6.6199	9.66993
{13}-{19}	5*30	10*120	4.8417	4.117557	0.241768	-3.3033	12.98660
{13}-{20}	5*30	10*180	3.5583	4.117557	0.389054	-4.5866	11.70327
{14}-{15}	5*60	5*120	8.4250	3.990051	0.036614	0.5323	16.31771
{14}-{16}	5*60	5*180	4.5417	3.990051	0.257079	-3.3510	12.43438
{14}-{17}	5*60	10*30	13.1917	4.117557	0.001701	5.0467	21.33660
{14}-{18}	5*60	10*60	7.1500	3.010290	0.018979	1.1953	13.10465
{14}-{19}	5*60	10*120	10.4667	4.117557	0.012179	2.3217	18.61160
{14}-{20}	5*60	10*180	9.1833	4.117557	0.027417	1.0384	17.32827
{15}-{16}	5*120	5*180	-3.8833	3.990051	0.332207	-11.7760	4.00938
{15}-{17}	5*120	10*30	4.7667	4.117557	0.249100	-3.3783	12.91160
{15}-{18}	5*120	10*60	-1.2750	4.117557	0.757316	-9.4199	6.86993
{15}-{19}	5*120	10*120	2.0417	3.010290	0.498814	-3.9130	7.99632
{15}-{20}	5*120	10*180	0.7583	4.117557	0.854162	-7.3866	8.90327
{16}-{17}	5*180	10*30	8.6500	4.117557	0.037564	0.5051	16.79493
{16}-{18}	5*180	10*60	2.6083	4.117557	0.527525	-5.5366	10.75327
{16}-{19}	5*180	10*120	5.9250	4.117557	0.152529	-2.2199	14.06993

{16}-{20}	5*180	10*180	4.6417	3.010290	0.125484	-1.3130	10.59632
{17}-{18}	10*30	10*60	-6.0417	3.990051	0.132370	-13.9344	1.85105
{17}-{19}	10*30	10*120	-2.7250	3.990051	0.495836	-10.6177	5.16771
{17}-{20}	10*30	10*180	-4.0083	3.990051	0.316936	-11.9010	3.88438
{18}-{19}	10*60	10*120	3.3167	3.990051	0.407342	-4.5760	11.20938
{18}-{20}	10*60	10*180	2.0333	3.990051	0.611182	-5.8594	9.92605
{19}-{20}	10*120	10*180	-1.2833	3.990051	0.748239	-9.1760	6.60938

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 54.983	{2} - 55.175	{3} - 51.325	{4} - 54.975	{5} - 53.892	{6} - 57.733	{7} - 57.950	{8} - 48.142	{9} - 52.842	{10} - 57.500	{11} - 56.308	{12} - 47.383	{13} - 51.950	{14} - 55.842	{15} - 50.400	{16} - 50.617	{17} - 53.058	{18} - 54.083	{19} - 50.200	{20} - 46.942
1	C	30		0.949798	0.230744	0.997816	0.605190	0.367084	0.330670	0.025995	0.311199	0.409016	0.663496	0.013599	0.152272	0.778012	0.133835	0.153050	0.362508	0.767542	0.117823	0.009119
2	C	60	0.949798		0.207358	0.947619	0.673449	0.226765	0.362758	0.022170	0.443902	0.271760	0.709752	0.011457	0.290453	0.752158	0.118459	0.135950	0.487266	0.605190	0.103943	0.007629
3	C	120	0.230744	0.207358		0.231802	0.399796	0.036828	0.002054	0.296704	0.618503	0.044133	0.019461	0.196808	0.837346	0.139535	0.661321	0.816029	0.569335	0.365638	0.594228	0.151500
4	C	180	0.997816	0.947619	0.231802		0.722007	0.365638	0.329318	0.001495	0.483850	0.407470	0.661513	0.000443	0.321284	0.775915	0.134537	0.040514	0.529264	0.769633	0.118459	0.000210
5	0.1	30	0.605190	0.673449	0.399796	0.722007		0.208337	0.183964	0.060629	0.619021	0.237145	0.427836	0.034032	0.358380	0.522137	0.252573	0.283070	0.693062	0.949798	0.226546	0.023768
6	0.1	60	0.367084	0.226765	0.036828	0.365638	0.208337		0.943261	0.001977	0.109807	0.911976	0.639855	0.000873	0.059170	0.370853	0.017173	0.020667	0.126296	0.085505	0.014424	0.000531
7	0.1	120	0.330670	0.362758	0.002054	0.329318	0.183964	0.943261		0.001572	0.095086	0.882490	0.437216	0.000686	0.050393	0.488978	0.000475	0.017173	0.109807	0.205409	0.000340	0.000414
8	0.1	180	0.025995	0.022170	0.296704	0.001495	0.060629	0.001977	0.001572		0.124300	0.002520	0.008120	0.719447	0.212288	0.012440	0.458655	0.242175	0.108021	0.052640	0.499324	0.569905
9	1	30	0.311199	0.443902	0.618503	0.483850	0.619021	0.109807	0.095086	0.124300		0.127641	0.255969	0.074718	0.672796	0.325285	0.423084	0.465300	0.918240	0.683461	0.386205	0.054296
10	1	60	0.409016	0.271760	0.044133	0.407470	0.237145	0.911976	0.882490	0.002520	0.127641		0.695549	0.001128	0.070024	0.432587	0.020961	0.025118	0.146171	0.107226	0.017674	0.000692
11	1	120	0.663496	0.709752	0.019461	0.661513	0.427836	0.639855	0.437216	0.008120	0.255969	0.695549		0.003908	0.153829	0.878171	0.005800	0.063253	0.286745	0.465300	0.004379	0.002498
12	1	180	0.013599	0.011457	0.196808	0.000443	0.034032	0.000873	0.000686	0.719447	0.074718	0.001128	0.003908		0.135242	0.006163	0.322614	0.127225	0.064020	0.029182	0.355619	0.834263
13	5	30	0.152272	0.290453	0.837346	0.321284	0.358380	0.059170	0.050393	0.212288	0.672796	0.070024	0.153829	0.135242		0.202512	0.610817	0.661513	0.599698	0.483850	0.565633	0.101669

14	5	60	0.778012	0.752158	0.139535	0.775915	0.522137	0.370853	0.488978	0.012440	0.325285	0.432587	0.878171	0.006163	0.202512		0.075598	0.087847	0.361323	0.405424	0.065577	0.004006
15	5	120	0.133835	0.118459	0.661321	0.134537	0.252573	0.017173	0.000475	0.458655	0.423084	0.020961	0.005800	0.322614	0.610817	0.075598		0.943261	0.383224	0.227590	0.924509	0.257108
16	5	180	0.153050	0.135950	0.816029	0.040514	0.283070	0.020667	0.017173	0.242175	0.465300	0.025118	0.063253	0.127225	0.661513	0.087847	0.943261		0.423084	0.255969	0.891137	0.083407
17	10	30	0.362508	0.487266	0.569335	0.529264	0.693062	0.126296	0.109807	0.108021	0.918240	0.146171	0.286745	0.064020	0.599698	0.361323	0.383224	0.423084		0.736397	0.348571	0.046141
18	10	60	0.767542	0.605190	0.365638	0.769633	0.949798	0.085505	0.205409	0.052640	0.683461	0.107226	0.465300	0.029182	0.483850	0.405424	0.227590	0.255969	0.736397		0.203474	0.020235
19	10	120	0.117823	0.103943	0.594228	0.118459	0.226546	0.014424	0.000340	0.499324	0.386205	0.017674	0.004379	0.355619	0.565633	0.065577	0.924509	0.891137	0.348571	0.203474		0.285517
20	10	180	0.009119	0.007629	0.151500	0.000210	0.023768	0.000531	0.000414	0.569905	0.054296	0.000692	0.002498	0.834263	0.101669	0.004006	0.257108	0.083407	0.046141	0.020235	0.285517	

**LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-0.19167	3.038482	0.949798	-6.2021	5.81875
{1}-{3}	C*30	C*120	3.65833	3.038482	0.230744	-2.3521	9.66875
{1}-{4}	C*30	C*180	0.00833	3.038482	0.997816	-6.0021	6.01875
{1}-{5}	C*30	0.1*30	1.09167	2.106675	0.605190	-3.0755	5.25888
{1}-{6}	C*30	0.1*60	-2.75000	3.038482	0.367084	-8.7604	3.26042
{1}-{7}	C*30	0.1*120	-2.96667	3.038482	0.330670	-8.9771	3.04375
{1}-{8}	C*30	0.1*180	6.84167	3.038482	0.025995	0.8312	12.85208
{1}-{9}	C*30	1*30	2.14167	2.106675	0.311199	-2.0255	6.30888
{1}-{10}	C*30	1*60	-2.51667	3.038482	0.409016	-8.5271	3.49375
{1}-{11}	C*30	1*120	-1.32500	3.038482	0.663496	-7.3354	4.68542
{1}-{12}	C*30	1*180	7.60000	3.038482	0.013599	1.5896	13.61042
{1}-{13}	C*30	5*30	3.03333	2.106675	0.152272	-1.1339	7.20055

{1}-{14}	C*30	5*60	-0.85833	3.038482	0.778012	-6.8688	5.15208
{1}-{15}	C*30	5*120	4.58333	3.038482	0.133835	-1.4271	10.59375
{1}-{16}	C*30	5*180	4.36667	3.038482	0.153050	-1.6438	10.37708
{1}-{17}	C*30	10*30	1.92500	2.106675	0.362508	-2.2422	6.09221
{1}-{18}	C*30	10*60	0.90000	3.038482	0.767542	-5.1104	6.91042
{1}-{19}	C*30	10*120	4.78333	3.038482	0.117823	-1.2271	10.79375
{1}-{20}	C*30	10*180	8.04167	3.038482	0.009119	2.0312	14.05208
{2}-{3}	C*60	C*120	3.85000	3.038482	0.207358	-2.1604	9.86042
{2}-{4}	C*60	C*180	0.20000	3.038482	0.947619	-5.8104	6.21042
{2}-{5}	C*60	0.1*30	1.28333	3.038482	0.673449	-4.7271	7.29375
{2}-{6}	C*60	0.1*60	-2.55833	2.106675	0.226765	-6.7255	1.60888
{2}-{7}	C*60	0.1*120	-2.77500	3.038482	0.362758	-8.7854	3.23542
{2}-{8}	C*60	0.1*180	7.03333	3.038482	0.022170	1.0229	13.04375
{2}-{9}	C*60	1*30	2.33333	3.038482	0.443902	-3.6771	8.34375
{2}-{10}	C*60	1*60	-2.32500	2.106675	0.271760	-6.4922	1.84221
{2}-{11}	C*60	1*120	-1.13333	3.038482	0.709752	-7.1438	4.87708
{2}-{12}	C*60	1*180	7.79167	3.038482	0.011457	1.7812	13.80208
{2}-{13}	C*60	5*30	3.22500	3.038482	0.290453	-2.7854	9.23542
{2}-{14}	C*60	5*60	-0.66667	2.106675	0.752158	-4.8339	3.50055
{2}-{15}	C*60	5*120	4.77500	3.038482	0.118459	-1.2354	10.78542
{2}-{16}	C*60	5*180	4.55833	3.038482	0.135950	-1.4521	10.56875
{2}-{17}	C*60	10*30	2.11667	3.038482	0.487266	-3.8938	8.12708
{2}-{18}	C*60	10*60	1.09167	2.106675	0.605190	-3.0755	5.25888
{2}-{19}	C*60	10*120	4.97500	3.038482	0.103943	-1.0354	10.98542
{2}-{20}	C*60	10*180	8.23333	3.038482	0.007629	2.2229	14.24375
{3}-{4}	C*120	C*180	-3.65000	3.038482	0.231802	-9.6604	2.36042

{3}-{5}	C*120	0.1*30	-2.56667	3.038482	0.399796	-8.5771	3.44375
{3}-{6}	C*120	0.1*60	-6.40833	3.038482	0.036828	-12.4188	-0.39792
{3}-{7}	C*120	0.1*120	-6.62500	2.106675	0.002054	-10.7922	-2.45779
{3}-{8}	C*120	0.1*180	3.18333	3.038482	0.296704	-2.8271	9.19375
{3}-{9}	C*120	1*30	-1.51667	3.038482	0.618503	-7.5271	4.49375
{3}-{10}	C*120	1*60	-6.17500	3.038482	0.044133	-12.1854	-0.16458
{3}-{11}	C*120	1*120	-4.98333	2.106675	0.019461	-9.1505	-0.81612
{3}-{12}	C*120	1*180	3.94167	3.038482	0.196808	-2.0688	9.95208
{3}-{13}	C*120	5*30	-0.62500	3.038482	0.837346	-6.6354	5.38542
{3}-{14}	C*120	5*60	-4.51667	3.038482	0.139535	-10.5271	1.49375
{3}-{15}	C*120	5*120	0.92500	2.106675	0.661321	-3.2422	5.09221
{3}-{16}	C*120	5*180	0.70833	3.038482	0.816029	-5.3021	6.71875
{3}-{17}	C*120	10*30	-1.73333	3.038482	0.569335	-7.7438	4.27708
{3}-{18}	C*120	10*60	-2.75833	3.038482	0.365638	-8.7688	3.25208
{3}-{19}	C*120	10*120	1.12500	2.106675	0.594228	-3.0422	5.29221
{3}-{20}	C*120	10*180	4.38333	3.038482	0.151500	-1.6271	10.39375
{4}-{5}	C*180	0.1*30	1.08333	3.038482	0.722007	-4.9271	7.09375
{4}-{6}	C*180	0.1*60	-2.75833	3.038482	0.365638	-8.7688	3.25208
{4}-{7}	C*180	0.1*120	-2.97500	3.038482	0.329318	-8.9854	3.03542
{4}-{8}	C*180	0.1*180	6.83333	2.106675	0.001495	2.6661	11.00055
{4}-{9}	C*180	1*30	2.13333	3.038482	0.483850	-3.8771	8.14375
{4}-{10}	C*180	1*60	-2.52500	3.038482	0.407470	-8.5354	3.48542
{4}-{11}	C*180	1*120	-1.33333	3.038482	0.661513	-7.3438	4.67708
{4}-{12}	C*180	1*180	7.59167	2.106675	0.000443	3.4245	11.75888
{4}-{13}	C*180	5*30	3.02500	3.038482	0.321284	-2.9854	9.03542
{4}-{14}	C*180	5*60	-0.86667	3.038482	0.775915	-6.8771	5.14375

{4}-{15}	C*180	5*120	4.57500	3.038482	0.134537	-1.4354	10.58542
{4}-{16}	C*180	5*180	4.35833	2.106675	0.040514	0.1911	8.52555
{4}-{17}	C*180	10*30	1.91667	3.038482	0.529264	-4.0938	7.92708
{4}-{18}	C*180	10*60	0.89167	3.038482	0.769633	-5.1188	6.90208
{4}-{19}	C*180	10*120	4.77500	3.038482	0.118459	-1.2354	10.78542
{4}-{20}	C*180	10*180	8.03333	2.106675	0.000210	3.8661	12.20055
{5}-{6}	0.1*30	0.1*60	-3.84167	3.038482	0.208337	-9.8521	2.16875
{5}-{7}	0.1*30	0.1*120	-4.05833	3.038482	0.183964	-10.0688	1.95208
{5}-{8}	0.1*30	0.1*180	5.75000	3.038482	0.060629	-0.2604	11.76042
{5}-{9}	0.1*30	1*30	1.05000	2.106675	0.619021	-3.1172	5.21721
{5}-{10}	0.1*30	1*60	-3.60833	3.038482	0.237145	-9.6188	2.40208
{5}-{11}	0.1*30	1*120	-2.41667	3.038482	0.427836	-8.4271	3.59375
{5}-{12}	0.1*30	1*180	6.50833	3.038482	0.034032	0.4979	12.51875
{5}-{13}	0.1*30	5*30	1.94167	2.106675	0.358380	-2.2255	6.10888
{5}-{14}	0.1*30	5*60	-1.95000	3.038482	0.522137	-7.9604	4.06042
{5}-{15}	0.1*30	5*120	3.49167	3.038482	0.252573	-2.5188	9.50208
{5}-{16}	0.1*30	5*180	3.27500	3.038482	0.283070	-2.7354	9.28542
{5}-{17}	0.1*30	10*30	0.83333	2.106675	0.693062	-3.3339	5.00055
{5}-{18}	0.1*30	10*60	-0.19167	3.038482	0.949798	-6.2021	5.81875
{5}-{19}	0.1*30	10*120	3.69167	3.038482	0.226546	-2.3188	9.70208
{5}-{20}	0.1*30	10*180	6.95000	3.038482	0.023768	0.9396	12.96042
{6}-{7}	0.1*60	0.1*120	-0.21667	3.038482	0.943261	-6.2271	5.79375
{6}-{8}	0.1*60	0.1*180	9.59167	3.038482	0.001977	3.5812	15.60208
{6}-{9}	0.1*60	1*30	4.89167	3.038482	0.109807	-1.1188	10.90208
{6}-{10}	0.1*60	1*60	0.23333	2.106675	0.911976	-3.9339	4.40055
{6}-{11}	0.1*60	1*120	1.42500	3.038482	0.639855	-4.5854	7.43542



{6}-{12}	0.1*60	1*180	10.35000	3.038482	0.000873	4.3396	16.36042
{6}-{13}	0.1*60	5*30	5.78333	3.038482	0.059170	-0.2271	11.79375
{6}-{14}	0.1*60	5*60	1.89167	2.106675	0.370853	-2.2755	6.05888
{6}-{15}	0.1*60	5*120	7.33333	3.038482	0.017173	1.3229	13.34375
{6}-{16}	0.1*60	5*180	7.11667	3.038482	0.020667	1.1062	13.12708
{6}-{17}	0.1*60	10*30	4.67500	3.038482	0.126296	-1.3354	10.68542
{6}-{18}	0.1*60	10*60	3.65000	2.106675	0.085505	-0.5172	7.81721
{6}-{19}	0.1*60	10*120	7.53333	3.038482	0.014424	1.5229	13.54375
{6}-{20}	0.1*60	10*180	10.79167	3.038482	0.000531	4.7812	16.80208
{7}-{8}	0.1*120	0.1*180	9.80833	3.038482	0.001572	3.7979	15.81875
{7}-{9}	0.1*120	1*30	5.10833	3.038482	0.095086	-0.9021	11.11875
{7}-{10}	0.1*120	1*60	0.45000	3.038482	0.882490	-5.5604	6.46042
{7}-{11}	0.1*120	1*120	1.64167	2.106675	0.437216	-2.5255	5.80888
{7}-{12}	0.1*120	1*180	10.56667	3.038482	0.000686	4.5562	16.57708
{7}-{13}	0.1*120	5*30	6.00000	3.038482	0.050393	-0.0104	12.01042
{7}-{14}	0.1*120	5*60	2.10833	3.038482	0.488978	-3.9021	8.11875
{7}-{15}	0.1*120	5*120	7.55000	2.106675	0.000475	3.3828	11.71721
{7}-{16}	0.1*120	5*180	7.33333	3.038482	0.017173	1.3229	13.34375
{7}-{17}	0.1*120	10*30	4.89167	3.038482	0.109807	-1.1188	10.90208
{7}-{18}	0.1*120	10*60	3.86667	3.038482	0.205409	-2.1438	9.87708
{7}-{19}	0.1*120	10*120	7.75000	2.106675	0.000340	3.5828	11.91721
{7}-{20}	0.1*120	10*180	11.00833	3.038482	0.000414	4.9979	17.01875
{8}-{9}	0.1*180	1*30	-4.70000	3.038482	0.124300	-10.7104	1.31042
{8}-{10}	0.1*180	1*60	-9.35833	3.038482	0.002520	-15.3688	-3.34792
{8}-{11}	0.1*180	1*120	-8.16667	3.038482	0.008120	-14.1771	-2.15625
{8}-{12}	0.1*180	1*180	0.75833	2.106675	0.719447	-3.4089	4.92555

{8}-{13}	0.1*180	5*30	-3.80833	3.038482	0.212288	-9.8188	2.20208
{8}-{14}	0.1*180	5*60	-7.70000	3.038482	0.012440	-13.7104	-1.68958
{8}-{15}	0.1*180	5*120	-2.25833	3.038482	0.458655	-8.2688	3.75208
{8}-{16}	0.1*180	5*180	-2.47500	2.106675	0.242175	-6.6422	1.69221
{8}-{17}	0.1*180	10*30	-4.91667	3.038482	0.108021	-10.9271	1.09375
{8}-{18}	0.1*180	10*60	-5.94167	3.038482	0.052640	-11.9521	0.06875
{8}-{19}	0.1*180	10*120	-2.05833	3.038482	0.499324	-8.0688	3.95208
{8}-{20}	0.1*180	10*180	1.20000	2.106675	0.569905	-2.9672	5.36721
{9}-{10}	1*30	1*60	-4.65833	3.038482	0.127641	-10.6688	1.35208
{9}-{11}	1*30	1*120	-3.46667	3.038482	0.255969	-9.4771	2.54375
{9}-{12}	1*30	1*180	5.45833	3.038482	0.074718	-0.5521	11.46875
{9}-{13}	1*30	5*30	0.89167	2.106675	0.672796	-3.2755	5.05888
{9}-{14}	1*30	5*60	-3.00000	3.038482	0.325285	-9.0104	3.01042
{9}-{15}	1*30	5*120	2.44167	3.038482	0.423084	-3.5688	8.45208
{9}-{16}	1*30	5*180	2.22500	3.038482	0.465300	-3.7854	8.23542
{9}-{17}	1*30	10*30	-0.21667	2.106675	0.918240	-4.3839	3.95055
{9}-{18}	1*30	10*60	-1.24167	3.038482	0.683461	-7.2521	4.76875
{9}-{19}	1*30	10*120	2.64167	3.038482	0.386205	-3.3688	8.65208
{9}-{20}	1*30	10*180	5.90000	3.038482	0.054296	-0.1104	11.91042
{10}-{11}	1*60	1*120	1.19167	3.038482	0.695549	-4.8188	7.20208
{10}-{12}	1*60	1*180	10.11667	3.038482	0.001128	4.1062	16.12708
{10}-{13}	1*60	5*30	5.55000	3.038482	0.070024	-0.4604	11.56042
{10}-{14}	1*60	5*60	1.65833	2.106675	0.432587	-2.5089	5.82555
{10}-{15}	1*60	5*120	7.10000	3.038482	0.020961	1.0896	13.11042
{10}-{16}	1*60	5*180	6.88333	3.038482	0.025118	0.8729	12.89375
{10}-{17}	1*60	10*30	4.44167	3.038482	0.146171	-1.5688	10.45208

{10}-{18}	1*60	10*60	3.41667	2.106675	0.107226	-0.7505	7.58388
{10}-{19}	1*60	10*120	7.30000	3.038482	0.017674	1.2896	13.31042
{10}-{20}	1*60	10*180	10.55833	3.038482	0.000692	4.5479	16.56875
{11}-{12}	1*120	1*180	8.92500	3.038482	0.003908	2.9146	14.93542
{11}-{13}	1*120	5*30	4.35833	3.038482	0.153829	-1.6521	10.36875
{11}-{14}	1*120	5*60	0.46667	3.038482	0.878171	-5.5438	6.47708
{11}-{15}	1*120	5*120	5.90833	2.106675	0.005800	1.7411	10.07555
{11}-{16}	1*120	5*180	5.69167	3.038482	0.063253	-0.3188	11.70208
{11}-{17}	1*120	10*30	3.25000	3.038482	0.286745	-2.7604	9.26042
{11}-{18}	1*120	10*60	2.22500	3.038482	0.465300	-3.7854	8.23542
{11}-{19}	1*120	10*120	6.10833	2.106675	0.004379	1.9411	10.27555
{11}-{20}	1*120	10*180	9.36667	3.038482	0.002498	3.3562	15.37708
{12}-{13}	1*180	5*30	-4.56667	3.038482	0.135242	-10.5771	1.44375
{12}-{14}	1*180	5*60	-8.45833	3.038482	0.006163	-14.4688	-2.44792
{12}-{15}	1*180	5*120	-3.01667	3.038482	0.322614	-9.0271	2.99375
{12}-{16}	1*180	5*180	-3.23333	2.106675	0.127225	-7.4005	0.93388
{12}-{17}	1*180	10*30	-5.67500	3.038482	0.064020	-11.6854	0.33542
{12}-{18}	1*180	10*60	-6.70000	3.038482	0.029182	-12.7104	-0.68958
{12}-{19}	1*180	10*120	-2.81667	3.038482	0.355619	-8.8271	3.19375
{12}-{20}	1*180	10*180	0.44167	2.106675	0.834263	-3.7255	4.60888
{13}-{14}	5*30	5*60	-3.89167	3.038482	0.202512	-9.9021	2.11875
{13}-{15}	5*30	5*120	1.55000	3.038482	0.610817	-4.4604	7.56042
{13}-{16}	5*30	5*180	1.33333	3.038482	0.661513	-4.6771	7.34375
{13}-{17}	5*30	10*30	-1.10833	2.106675	0.599698	-5.2755	3.05888
{13}-{18}	5*30	10*60	-2.13333	3.038482	0.483850	-8.1438	3.87708
{13}-{19}	5*30	10*120	1.75000	3.038482	0.565633	-4.2604	7.76042

{13}-{20}	5*30	10*180	5.00833	3.038482	0.101669	-1.0021	11.01875
{14}-{15}	5*60	5*120	5.44167	3.038482	0.075598	-0.5688	11.45208
{14}-{16}	5*60	5*180	5.22500	3.038482	0.087847	-0.7854	11.23542
{14}-{17}	5*60	10*30	2.78333	3.038482	0.361323	-3.2271	8.79375
{14}-{18}	5*60	10*60	1.75833	2.106675	0.405424	-2.4089	5.92555
{14}-{19}	5*60	10*120	5.64167	3.038482	0.065577	-0.3688	11.65208
{14}-{20}	5*60	10*180	8.90000	3.038482	0.004006	2.8896	14.91042
{15}-{16}	5*120	5*180	-0.21667	3.038482	0.943261	-6.2271	5.79375
{15}-{17}	5*120	10*30	-2.65833	3.038482	0.383224	-8.6688	3.35208
{15}-{18}	5*120	10*60	-3.68333	3.038482	0.227590	-9.6938	2.32708
{15}-{19}	5*120	10*120	0.20000	2.106675	0.924509	-3.9672	4.36721
{15}-{20}	5*120	10*180	3.45833	3.038482	0.257108	-2.5521	9.46875
{16}-{17}	5*180	10*30	-2.44167	3.038482	0.423084	-8.4521	3.56875
{16}-{18}	5*180	10*60	-3.46667	3.038482	0.255969	-9.4771	2.54375
{16}-{19}	5*180	10*120	0.41667	3.038482	0.891137	-5.5938	6.42708
{16}-{20}	5*180	10*180	3.67500	2.106675	0.083407	-0.4922	7.84221
{17}-{18}	10*30	10*60	-1.02500	3.038482	0.736397	-7.0354	4.98542
{17}-{19}	10*30	10*120	2.85833	3.038482	0.348571	-3.1521	8.86875
{17}-{20}	10*30	10*180	6.11667	3.038482	0.046141	0.1062	12.12708
{18}-{19}	10*60	10*120	3.88333	3.038482	0.203474	-2.1271	9.89375
{18}-{20}	10*60	10*180	7.14167	3.038482	0.020235	1.1312	13.15208
{19}-{20}	10*120	10*180	3.25833	3.038482	0.285517	-2.7521	9.26875

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 1.3417	{2} - 1.7917	{3} - 1.7083	{4} - 1.6833	{5} - 1.5000	{6} - 1.7333	{7} - 1.4833	{8} - 1.3750	{9} - 1.4333	{10} - 1.7667	{11} - 1.3667	{12} - 1.0500	{13} - 1.2250	{14} - 1.6750	{15} - 1.0667	{16} - 1.3333	{17} - 1.2417	{18} - 1.3917	{19} - 1.0000	{20} - 1.2583
1	C	30		0.042073	0.096774	0.121494	0.319325	0.076858	0.520064	0.879609	0.563761	0.055139	0.909554	0.186507	0.462697	0.131511	0.212781	0.969793	0.528912	0.820280	0.122216	0.705003
2	C	60	0.042073		0.704455	0.622002	0.186507	0.713255	0.162737	0.060015	0.105189	0.874829	0.055139	0.000964	0.010977	0.462697	0.001240	0.038841	0.013498	0.012741	0.000442	0.016524
3	C	120	0.096774	0.704455		0.909378	0.344613	0.909554	0.157818	0.131511	0.212781	0.790979	0.032812	0.003256	0.029511	0.879609	0.000087	0.090121	0.035483	0.151754	0.000017	0.042469
4	C	180	0.121494	0.622002	0.909378		0.405411	0.820280	0.364192	0.053704	0.257104	0.705003	0.151754	0.000106	0.038841	0.969793	0.005750	0.028851	0.046384	0.186507	0.002285	0.008226
5	0.1	30	0.319325	0.186507	0.344613	0.405411		0.289098	0.939512	0.569507	0.674519	0.226890	0.544871	0.042469	0.084866	0.427038	0.050601	0.449330	0.105284	0.622680	0.024433	0.273226
6	0.1	60	0.076858	0.713255	0.909554	0.820280	0.289098		0.256180	0.104518	0.174316	0.833644	0.097419	0.002285	0.022195	0.713255	0.002897	0.070856	0.026867	0.032812	0.001094	0.032378
7	0.1	120	0.520064	0.162737	0.157818	0.364192	0.939512	0.256180		0.622002	0.820280	0.199325	0.462697	0.050601	0.241661	0.384460	0.009538	0.495859	0.273226	0.677111	0.002754	0.307534
8	0.1	180	0.879609	0.060015	0.131511	0.053704	0.569507	0.104518	0.622002		0.790979	0.076858	0.969793	0.042162	0.495859	0.174316	0.162737	0.792917	0.544871	0.939630	0.090121	0.462697
9	1	30	0.563761	0.105189	0.212781	0.257104	0.674519	0.174316	0.820280	0.790979		0.130765	0.761523	0.082680	0.190694	0.273226	0.097419	0.649659	0.228418	0.849837	0.050601	0.427038
10	1	60	0.055139	0.874829	0.790979	0.705003	0.226890	0.833644	0.199325	0.076858	0.130765		0.070314	0.001376	0.014943	0.563761	0.001795	0.050601	0.018252	0.019360	0.000656	0.022195
11	1	120	0.909554	0.055139	0.032812	0.151754	0.544871	0.097419	0.462697	0.969793	0.761523	0.070314		0.150962	0.520064	0.162737	0.060412	0.879609	0.570259	0.909554	0.022162	0.622680
12	1	180	0.186507	0.000964	0.003256	0.000106	0.042469	0.002285	0.050601	0.042162	0.082680	0.001376	0.150962		0.427038	0.005143	0.939630	0.075943	0.384460	0.122216	0.820280	0.190694
13	5	30	0.462697	0.010977	0.029511	0.038841	0.084866	0.022195	0.241661	0.495859	0.190694	0.014943	0.520064	0.427038		0.042073	0.471412	0.622002	0.916359	0.449330	0.307534	0.879609
14	5	60	0.131511	0.462697	0.879609	0.969793	0.427038	0.713255	0.384460	0.174316	0.273226	0.563761	0.162737	0.005143	0.042073		0.006322	0.121494	0.050601	0.075943	0.002574	0.060015
15	5	120	0.212781	0.001240	0.000087	0.005750	0.050601	0.002897	0.009538	0.162737	0.097419	0.001795	0.060412	0.939630	0.471412	0.006322		0.225988	0.427038	0.141351	0.674519	0.384460
16	5	180	0.969793	0.038841	0.090121	0.028851	0.449330	0.070856	0.495859	0.792917	0.649659	0.050601	0.879609	0.075943	0.622002	0.121494	0.225988		0.677111	0.790979	0.131511	0.636637
17	10	30	0.528912	0.013498	0.035483	0.046384	0.105284	0.026867	0.273226	0.544871	0.228418	0.018252	0.570259	0.384460	0.916359	0.050601	0.427038	0.677111		0.495019	0.272295	0.939512
18	10	60	0.820280	0.012741	0.151754	0.186507	0.622680	0.032812	0.677111	0.939630	0.849837	0.019360	0.909554	0.122216	0.449330	0.075943	0.141351	0.790979	0.495019		0.076290	0.544087
19	10	120	0.122216	0.000442	0.000017	0.002285	0.024433	0.001094	0.002754	0.090121	0.050601	0.000656	0.022162	0.820280	0.307534	0.002574	0.674519	0.131511	0.272295	0.076290		0.240747
20	10	180	0.705003	0.016524	0.042469	0.008226	0.273226	0.032378	0.307534	0.462697	0.427038	0.022195	0.622680	0.190694	0.879609	0.060015	0.384460	0.636637	0.939512	0.544087	0.240747	

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-0.450000	0.219219	0.042073	-0.88364	-0.016363
{1}-{3}	C*30	C*120	-0.366667	0.219219	0.096774	-0.80030	0.066970
{1}-{4}	C*30	C*180	-0.341667	0.219219	0.121494	-0.77530	0.091970
{1}-{5}	C*30	0.1*30	-0.158333	0.158394	0.319325	-0.47165	0.154986
{1}-{6}	C*30	0.1*60	-0.391667	0.219647	0.076858	-0.82615	0.042817
{1}-{7}	C*30	0.1*120	-0.141667	0.219647	0.520064	-0.57615	0.292817
{1}-{8}	C*30	0.1*180	-0.033333	0.219647	0.879609	-0.46782	0.401151
{1}-{9}	C*30	1*30	-0.091667	0.158394	0.563761	-0.40499	0.221653
{1}-{10}	C*30	1*60	-0.425000	0.219647	0.055139	-0.85948	0.009484
{1}-{11}	C*30	1*120	-0.025000	0.219647	0.909554	-0.45948	0.409484
{1}-{12}	C*30	1*180	0.291667	0.219647	0.186507	-0.14282	0.726151
{1}-{13}	C*30	5*30	0.116667	0.158394	0.462697	-0.19665	0.429986
{1}-{14}	C*30	5*60	-0.333333	0.219647	0.131511	-0.76782	0.101151
{1}-{15}	C*30	5*120	0.275000	0.219647	0.212781	-0.15948	0.709484
{1}-{16}	C*30	5*180	0.008333	0.219647	0.969793	-0.42615	0.442817
{1}-{17}	C*30	10*30	0.100000	0.158394	0.528912	-0.21332	0.413319
{1}-{18}	C*30	10*60	-0.050000	0.219647	0.820280	-0.48448	0.384484
{1}-{19}	C*30	10*120	0.341667	0.219647	0.122216	-0.09282	0.776151
{1}-{20}	C*30	10*180	0.083333	0.219647	0.705003	-0.35115	0.517817
{2}-{3}	C*60	C*120	0.083333	0.219219	0.704455	-0.35030	0.516970
{2}-{4}	C*60	C*180	0.108333	0.219219	0.622002	-0.32530	0.541970
{2}-{5}	C*60	0.1*30	0.291667	0.219647	0.186507	-0.14282	0.726151
{2}-{6}	C*60	0.1*60	0.058333	0.158394	0.713255	-0.25499	0.371653

{2}-{7}	C*60	0.1*120	0.308333	0.219647	0.162737	-0.12615	0.742817
{2}-{8}	C*60	0.1*180	0.416667	0.219647	0.060015	-0.01782	0.851151
{2}-{9}	C*60	1*30	0.358333	0.219647	0.105189	-0.07615	0.792817
{2}-{10}	C*60	1*60	0.025000	0.158394	0.874829	-0.28832	0.338319
{2}-{11}	C*60	1*120	0.425000	0.219647	0.055139	-0.00948	0.859484
{2}-{12}	C*60	1*180	0.741667	0.219647	0.000964	0.30718	1.176151
{2}-{13}	C*60	5*30	0.566667	0.219647	0.010977	0.13218	1.001151
{2}-{14}	C*60	5*60	0.116667	0.158394	0.462697	-0.19665	0.429986
{2}-{15}	C*60	5*120	0.725000	0.219647	0.001240	0.29052	1.159484
{2}-{16}	C*60	5*180	0.458333	0.219647	0.038841	0.02385	0.892817
{2}-{17}	C*60	10*30	0.550000	0.219647	0.013498	0.11552	0.984484
{2}-{18}	C*60	10*60	0.400000	0.158394	0.012741	0.08668	0.713319
{2}-{19}	C*60	10*120	0.791667	0.219647	0.000442	0.35718	1.226151
{2}-{20}	C*60	10*180	0.533333	0.219647	0.016524	0.09885	0.967817
{3}-{4}	C*120	C*180	0.025000	0.219219	0.909378	-0.40864	0.458637
{3}-{5}	C*120	0.1*30	0.208333	0.219647	0.344613	-0.22615	0.642817
{3}-{6}	C*120	0.1*60	-0.025000	0.219647	0.909554	-0.45948	0.409484
{3}-{7}	C*120	0.1*120	0.225000	0.158394	0.157818	-0.08832	0.538319
{3}-{8}	C*120	0.1*180	0.333333	0.219647	0.131511	-0.10115	0.767817
{3}-{9}	C*120	1*30	0.275000	0.219647	0.212781	-0.15948	0.709484
{3}-{10}	C*120	1*60	-0.058333	0.219647	0.790979	-0.49282	0.376151
{3}-{11}	C*120	1*120	0.341667	0.158394	0.032812	0.02835	0.654986
{3}-{12}	C*120	1*180	0.658333	0.219647	0.003256	0.22385	1.092817
{3}-{13}	C*120	5*30	0.483333	0.219647	0.029511	0.04885	0.917817
{3}-{14}	C*120	5*60	0.033333	0.219647	0.879609	-0.40115	0.467817
{3}-{15}	C*120	5*120	0.641667	0.158394	0.000087	0.32835	0.954986

{3}-{16}	C*120	5*180	0.375000	0.219647	0.090121	-0.05948	0.809484
{3}-{17}	C*120	10*30	0.466667	0.219647	0.035483	0.03218	0.901151
{3}-{18}	C*120	10*60	0.316667	0.219647	0.151754	-0.11782	0.751151
{3}-{19}	C*120	10*120	0.708333	0.158394	0.000017	0.39501	1.021653
{3}-{20}	C*120	10*180	0.450000	0.219647	0.042469	0.01552	0.884484
{4}-{5}	C*180	0.1*30	0.183333	0.219647	0.405411	-0.25115	0.617817
{4}-{6}	C*180	0.1*60	-0.050000	0.219647	0.820280	-0.48448	0.384484
{4}-{7}	C*180	0.1*120	0.200000	0.219647	0.364192	-0.23448	0.634484
{4}-{8}	C*180	0.1*180	0.308333	0.158394	0.053704	-0.00499	0.621653
{4}-{9}	C*180	1*30	0.250000	0.219647	0.257104	-0.18448	0.684484
{4}-{10}	C*180	1*60	-0.083333	0.219647	0.705003	-0.51782	0.351151
{4}-{11}	C*180	1*120	0.316667	0.219647	0.151754	-0.11782	0.751151
{4}-{12}	C*180	1*180	0.633333	0.158394	0.000106	0.32001	0.946653
{4}-{13}	C*180	5*30	0.458333	0.219647	0.038841	0.02385	0.892817
{4}-{14}	C*180	5*60	0.008333	0.219647	0.969793	-0.42615	0.442817
{4}-{15}	C*180	5*120	0.616667	0.219647	0.005750	0.18218	1.051151
{4}-{16}	C*180	5*180	0.350000	0.158394	0.028851	0.03668	0.663319
{4}-{17}	C*180	10*30	0.441667	0.219647	0.046384	0.00718	0.876151
{4}-{18}	C*180	10*60	0.291667	0.219647	0.186507	-0.14282	0.726151
{4}-{19}	C*180	10*120	0.683333	0.219647	0.002285	0.24885	1.117817
{4}-{20}	C*180	10*180	0.425000	0.158394	0.008226	0.11168	0.738319
{5}-{6}	0.1*30	0.1*60	-0.233333	0.219219	0.289098	-0.66697	0.200304
{5}-{7}	0.1*30	0.1*120	0.016667	0.219219	0.939512	-0.41697	0.450304
{5}-{8}	0.1*30	0.1*180	0.125000	0.219219	0.569507	-0.30864	0.558637
{5}-{9}	0.1*30	1*30	0.066667	0.158394	0.674519	-0.24665	0.379986
{5}-{10}	0.1*30	1*60	-0.266667	0.219647	0.226890	-0.70115	0.167817



{5}-{11}	0.1*30	1*120	0.133333	0.219647	0.544871	-0.30115	0.567817
{5}-{12}	0.1*30	1*180	0.450000	0.219647	0.042469	0.01552	0.884484
{5}-{13}	0.1*30	5*30	0.275000	0.158394	0.084866	-0.03832	0.588319
{5}-{14}	0.1*30	5*60	-0.175000	0.219647	0.427038	-0.60948	0.259484
{5}-{15}	0.1*30	5*120	0.433333	0.219647	0.050601	-0.00115	0.867817
{5}-{16}	0.1*30	5*180	0.166667	0.219647	0.449330	-0.26782	0.601151
{5}-{17}	0.1*30	10*30	0.258333	0.158394	0.105284	-0.05499	0.571653
{5}-{18}	0.1*30	10*60	0.108333	0.219647	0.622680	-0.32615	0.542817
{5}-{19}	0.1*30	10*120	0.500000	0.219647	0.024433	0.06552	0.934484
{5}-{20}	0.1*30	10*180	0.241667	0.219647	0.273226	-0.19282	0.676151
{6}-{7}	0.1*60	0.1*120	0.250000	0.219219	0.256180	-0.18364	0.683637
{6}-{8}	0.1*60	0.1*180	0.358333	0.219219	0.104518	-0.07530	0.791970
{6}-{9}	0.1*60	1*30	0.300000	0.219647	0.174316	-0.13448	0.734484
{6}-{10}	0.1*60	1*60	-0.033333	0.158394	0.833644	-0.34665	0.279986
{6}-{11}	0.1*60	1*120	0.366667	0.219647	0.097419	-0.06782	0.801151
{6}-{12}	0.1*60	1*180	0.683333	0.219647	0.002285	0.24885	1.117817
{6}-{13}	0.1*60	5*30	0.508333	0.219647	0.022195	0.07385	0.942817
{6}-{14}	0.1*60	5*60	0.058333	0.158394	0.713255	-0.25499	0.371653
{6}-{15}	0.1*60	5*120	0.666667	0.219647	0.002897	0.23218	1.101151
{6}-{16}	0.1*60	5*180	0.400000	0.219647	0.070856	-0.03448	0.834484
{6}-{17}	0.1*60	10*30	0.491667	0.219647	0.026867	0.05718	0.926151
{6}-{18}	0.1*60	10*60	0.341667	0.158394	0.032812	0.02835	0.654986
{6}-{19}	0.1*60	10*120	0.733333	0.219647	0.001094	0.29885	1.167817
{6}-{20}	0.1*60	10*180	0.475000	0.219647	0.032378	0.04052	0.909484
{7}-{8}	0.1*120	0.1*180	0.108333	0.219219	0.622002	-0.32530	0.541970
{7}-{9}	0.1*120	1*30	0.050000	0.219647	0.820280	-0.38448	0.484484

{7}-{10}	0.1*120	1*60	-0.283333	0.219647	0.199325	-0.71782	0.151151
{7}-{11}	0.1*120	1*120	0.116667	0.158394	0.462697	-0.19665	0.429986
{7}-{12}	0.1*120	1*180	0.433333	0.219647	0.050601	-0.00115	0.867817
{7}-{13}	0.1*120	5*30	0.258333	0.219647	0.241661	-0.17615	0.692817
{7}-{14}	0.1*120	5*60	-0.191667	0.219647	0.384460	-0.62615	0.242817
{7}-{15}	0.1*120	5*120	0.416667	0.158394	0.009538	0.10335	0.729986
{7}-{16}	0.1*120	5*180	0.150000	0.219647	0.495859	-0.28448	0.584484
{7}-{17}	0.1*120	10*30	0.241667	0.219647	0.273226	-0.19282	0.676151
{7}-{18}	0.1*120	10*60	0.091667	0.219647	0.677111	-0.34282	0.526151
{7}-{19}	0.1*120	10*120	0.483333	0.158394	0.002754	0.17001	0.796653
{7}-{20}	0.1*120	10*180	0.225000	0.219647	0.307534	-0.20948	0.659484
{8}-{9}	0.1*180	1*30	-0.058333	0.219647	0.790979	-0.49282	0.376151
{8}-{10}	0.1*180	1*60	-0.391667	0.219647	0.076858	-0.82615	0.042817
{8}-{11}	0.1*180	1*120	0.008333	0.219647	0.969793	-0.42615	0.442817
{8}-{12}	0.1*180	1*180	0.325000	0.158394	0.042162	0.01168	0.638319
{8}-{13}	0.1*180	5*30	0.150000	0.219647	0.495859	-0.28448	0.584484
{8}-{14}	0.1*180	5*60	-0.300000	0.219647	0.174316	-0.73448	0.134484
{8}-{15}	0.1*180	5*120	0.308333	0.219647	0.162737	-0.12615	0.742817
{8}-{16}	0.1*180	5*180	0.041667	0.158394	0.792917	-0.27165	0.354986
{8}-{17}	0.1*180	10*30	0.133333	0.219647	0.544871	-0.30115	0.567817
{8}-{18}	0.1*180	10*60	-0.016667	0.219647	0.939630	-0.45115	0.417817
{8}-{19}	0.1*180	10*120	0.375000	0.219647	0.090121	-0.05948	0.809484
{8}-{20}	0.1*180	10*180	0.116667	0.158394	0.462697	-0.19665	0.429986
{9}-{10}	1*30	1*60	-0.333333	0.219219	0.130765	-0.76697	0.100304
{9}-{11}	1*30	1*120	0.066667	0.219219	0.761523	-0.36697	0.500304
{9}-{12}	1*30	1*180	0.383333	0.219219	0.082680	-0.05030	0.816970

{9}-{13}	1*30	5*30	0.208333	0.158394	0.190694	-0.10499	0.521653
{9}-{14}	1*30	5*60	-0.241667	0.219647	0.273226	-0.67615	0.192817
{9}-{15}	1*30	5*120	0.366667	0.219647	0.097419	-0.06782	0.801151
{9}-{16}	1*30	5*180	0.100000	0.219647	0.649659	-0.33448	0.534484
{9}-{17}	1*30	10*30	0.191667	0.158394	0.228418	-0.12165	0.504986
{9}-{18}	1*30	10*60	0.041667	0.219647	0.849837	-0.39282	0.476151
{9}-{19}	1*30	10*120	0.433333	0.219647	0.050601	-0.00115	0.867817
{9}-{20}	1*30	10*180	0.175000	0.219647	0.427038	-0.25948	0.609484
{10}-{11}	1*60	1*120	0.400000	0.219219	0.070314	-0.03364	0.833637
{10}-{12}	1*60	1*180	0.716667	0.219219	0.001376	0.28303	1.150304
{10}-{13}	1*60	5*30	0.541667	0.219647	0.014943	0.10718	0.976151
{10}-{14}	1*60	5*60	0.091667	0.158394	0.563761	-0.22165	0.404986
{10}-{15}	1*60	5*120	0.700000	0.219647	0.001795	0.26552	1.134484
{10}-{16}	1*60	5*180	0.433333	0.219647	0.050601	-0.00115	0.867817
{10}-{17}	1*60	10*30	0.525000	0.219647	0.018252	0.09052	0.959484
{10}-{18}	1*60	10*60	0.375000	0.158394	0.019360	0.06168	0.688319
{10}-{19}	1*60	10*120	0.766667	0.219647	0.000656	0.33218	1.201151
{10}-{20}	1*60	10*180	0.508333	0.219647	0.022195	0.07385	0.942817
{11}-{12}	1*120	1*180	0.316667	0.219219	0.150962	-0.11697	0.750304
{11}-{13}	1*120	5*30	0.141667	0.219647	0.520064	-0.29282	0.576151
{11}-{14}	1*120	5*60	-0.308333	0.219647	0.162737	-0.74282	0.126151
{11}-{15}	1*120	5*120	0.300000	0.158394	0.060412	-0.01332	0.613319
{11}-{16}	1*120	5*180	0.033333	0.219647	0.879609	-0.40115	0.467817
{11}-{17}	1*120	10*30	0.125000	0.219647	0.570259	-0.30948	0.559484
{11}-{18}	1*120	10*60	-0.025000	0.219647	0.909554	-0.45948	0.409484
{11}-{19}	1*120	10*120	0.366667	0.158394	0.022162	0.05335	0.679986

{11}-{20}	1*120	10*180	0.108333	0.219647	0.622680	-0.32615	0.542817
{12}-{13}	1*180	5*30	-0.175000	0.219647	0.427038	-0.60948	0.259484
{12}-{14}	1*180	5*60	-0.625000	0.219647	0.005143	-1.05948	-0.190516
{12}-{15}	1*180	5*120	-0.016667	0.219647	0.939630	-0.45115	0.417817
{12}-{16}	1*180	5*180	-0.283333	0.158394	0.075943	-0.59665	0.029986
{12}-{17}	1*180	10*30	-0.191667	0.219647	0.384460	-0.62615	0.242817
{12}-{18}	1*180	10*60	-0.341667	0.219647	0.122216	-0.77615	0.092817
{12}-{19}	1*180	10*120	0.050000	0.219647	0.820280	-0.38448	0.484484
{12}-{20}	1*180	10*180	-0.208333	0.158394	0.190694	-0.52165	0.104986
{13}-{14}	5*30	5*60	-0.450000	0.219219	0.042073	-0.88364	-0.016363
{13}-{15}	5*30	5*120	0.158333	0.219219	0.471412	-0.27530	0.591970
{13}-{16}	5*30	5*180	-0.108333	0.219219	0.622002	-0.54197	0.325304
{13}-{17}	5*30	10*30	-0.016667	0.158394	0.916359	-0.32999	0.296653
{13}-{18}	5*30	10*60	-0.166667	0.219647	0.449330	-0.60115	0.267817
{13}-{19}	5*30	10*120	0.225000	0.219647	0.307534	-0.20948	0.659484
{13}-{20}	5*30	10*180	-0.033333	0.219647	0.879609	-0.46782	0.401151
{14}-{15}	5*60	5*120	0.608333	0.219219	0.006322	0.17470	1.041970
{14}-{16}	5*60	5*180	0.341667	0.219219	0.121494	-0.09197	0.775304
{14}-{17}	5*60	10*30	0.433333	0.219647	0.050601	-0.00115	0.867817
{14}-{18}	5*60	10*60	0.283333	0.158394	0.075943	-0.02999	0.596653
{14}-{19}	5*60	10*120	0.675000	0.219647	0.002574	0.24052	1.109484
{14}-{20}	5*60	10*180	0.416667	0.219647	0.060015	-0.01782	0.851151
{15}-{16}	5*120	5*180	-0.266667	0.219219	0.225988	-0.70030	0.166970
{15}-{17}	5*120	10*30	-0.175000	0.219647	0.427038	-0.60948	0.259484
{15}-{18}	5*120	10*60	-0.325000	0.219647	0.141351	-0.75948	0.109484
{15}-{19}	5*120	10*120	0.066667	0.158394	0.674519	-0.24665	0.379986

{15}-{20}	5*120	10*180	-0.191667	0.219647	0.384460	-0.62615	0.242817
{16}-{17}	5*180	10*30	0.091667	0.219647	0.677111	-0.34282	0.526151
{16}-{18}	5*180	10*60	-0.058333	0.219647	0.790979	-0.49282	0.376151
{16}-{19}	5*180	10*120	0.333333	0.219647	0.131511	-0.10115	0.767817
{16}-{20}	5*180	10*180	0.075000	0.158394	0.636637	-0.23832	0.388319
{17}-{18}	10*30	10*60	-0.150000	0.219219	0.495019	-0.58364	0.283637
{17}-{19}	10*30	10*120	0.241667	0.219219	0.272295	-0.19197	0.675304
{17}-{20}	10*30	10*180	-0.016667	0.219219	0.939512	-0.45030	0.416970
{18}-{19}	10*60	10*120	0.391667	0.219219	0.076290	-0.04197	0.825304
{18}-{20}	10*60	10*180	0.133333	0.219219	0.544087	-0.30030	0.566970
{19}-{20}	10*120	10*180	-0.258333	0.219219	0.240747	-0.69197	0.175304

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 9.9583	{2} - 13.900	{3} - 11.317	{4} - 11.150	{5} - 10.850	{6} - 14.100	{7} - 10.792	{8} - 8.2833	{9} - 9.2833	{10} - 13.092	{11} - 8.8333	{12} - 7.5333	{13} - 7.8167	{14} - 11.917	{15} - 6.1833	{16} - 7.7083	{17} - 6.0000	{18} - 8.3500	{19} - 5.6750	{20} - 5.1167
1	C	30		0.050847	0.498244	0.552328	0.479902	0.040333	0.677615	0.403850	0.592641	0.119606	0.574750	0.227511	0.091174	0.329315	0.061302	0.262656	0.002052	0.422771	0.034066	0.016851
2	C	60	0.050847		0.198753	0.171483	0.129672	0.873983	0.122559	0.005739	0.022542	0.521819	0.012473	0.001817	0.002840	0.117454	0.000178	0.002398	0.000127	0.000021	0.000068	0.000023
3	C	120	0.498244	0.198753		0.933716	0.815874	0.166386	0.677256	0.131762	0.311198	0.376449	0.050570	0.060740	0.082458	0.764661	0.000078	0.073500	0.008827	0.140391	0.000016	0.002367
4	C	180	0.552328	0.171483	0.933716		0.881000	0.142615	0.858089	0.024352	0.352378	0.333433	0.248845	0.004731	0.097970	0.702104	0.014274	0.007105	0.011130	0.163882	0.007048	0.000004
5	0.1	30	0.479902	0.129672	0.815874	0.881000		0.106566	0.976777	0.201648	0.215414	0.264419	0.315165	0.099643	0.017325	0.594719	0.021149	0.118635	0.000181	0.213535	0.010753	0.004832
6	0.1	60	0.040333	0.873983	0.166386	0.142615	0.106566		0.100488	0.004266	0.017413	0.424474	0.009468	0.001314	0.002075	0.085117	0.000123	0.001746	0.000087	0.000011	0.000047	0.000015
7	0.1	120	0.677615	0.122559	0.677256	0.858089	0.976777	0.100488		0.212022	0.452116	0.252248	0.122105	0.105680	0.139289	0.574750	0.000362	0.125569	0.017992	0.224350	0.000082	0.005268
8	0.1	180	0.403850	0.005739	0.131762	0.024352	0.201648	0.004266	0.212022		0.617926	0.017604	0.783757	0.552256	0.815874	0.071552	0.295662	0.648519	0.255685	0.973461	0.194470	0.013066
9	1	30	0.592641	0.022542	0.311198	0.352378	0.215414	0.017413	0.452116	0.617926		0.059078	0.822337	0.383189	0.245985	0.190255	0.123556	0.432425	0.010135	0.641525	0.073500	0.039160

10	1	60	0.119606	0.521819	0.376449	0.333433	0.264419	0.424474	0.252248	0.017604	0.059078		0.035107	0.006248	0.009359	0.352219	0.000743	0.008034	0.000543	0.000248	0.000306	0.000110
11	1	120	0.574750	0.012473	0.050570	0.248845	0.315165	0.009468	0.122105	0.783757	0.822337	0.035107		0.516844	0.612087	0.125569	0.037138	0.574750	0.158958	0.809423	0.013302	0.065363
12	1	180	0.227511	0.001817	0.060740	0.004731	0.099643	0.001314	0.105680	0.552256	0.383189	0.006248	0.516844		0.887565	0.030166	0.500879	0.889626	0.444673	0.683707	0.354524	0.056995
13	5	30	0.091174	0.002840	0.082458	0.097970	0.017325	0.002075	0.139289	0.815874	0.245985	0.009359	0.612087	0.887565		0.042355	0.415615	0.956887	0.151269	0.790153	0.286224	0.179349
14	5	60	0.329315	0.117454	0.764661	0.702104	0.594719	0.085117	0.574750	0.071552	0.190255	0.352219	0.125569	0.030166	0.042355		0.004832	0.037270	0.003668	0.005322	0.002217	0.000892
15	5	120	0.061302	0.000178	0.000078	0.014274	0.021149	0.000123	0.000362	0.295662	0.123556	0.000743	0.037138	0.500879	0.415615	0.004832		0.447146	0.927106	0.280661	0.686944	0.594719
16	5	180	0.262656	0.002398	0.073500	0.007105	0.118635	0.001746	0.125569	0.648519	0.432425	0.008034	0.574750	0.889626	0.956887	0.037270	0.447146		0.394585	0.748857	0.311198	0.041441
17	10	30	0.002052	0.000127	0.008827	0.011130	0.000181	0.000087	0.017992	0.255685	0.010135	0.000543	0.158958	0.444673	0.151269	0.003668	0.927106	0.394585		0.242135	0.871167	0.659470
18	10	60	0.422771	0.000021	0.140391	0.163882	0.213535	0.000011	0.224350	0.973461	0.641525	0.000248	0.809423	0.683707	0.790153	0.005322	0.280661	0.748857	0.242135		0.183383	0.108356
19	10	120	0.034066	0.000068	0.000016	0.007048	0.010753	0.000047	0.000082	0.194470	0.073500	0.000306	0.013302	0.354524	0.286224	0.002217	0.686944	0.311198	0.871167	0.183383		0.780565
20	10	180	0.016851	0.000023	0.002367	0.000004	0.004832	0.000015	0.005268	0.013066	0.039160	0.000110	0.065363	0.056995	0.179349	0.000892	0.594719	0.041441	0.659470	0.108356	0.780565	

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-3.94167	2.000107	0.050847	-7.89808	0.01474
{1}-{3}	C*30	C*120	-1.35833	2.000107	0.498244	-5.31474	2.59808
{1}-{4}	C*30	C*180	-1.19167	2.000107	0.552328	-5.14808	2.76474
{1}-{5}	C*30	0.1*30	-0.89167	1.258579	0.479902	-3.38126	1.59793
{1}-{6}	C*30	0.1*60	-4.14167	2.000107	0.040333	-8.09808	-0.18526
{1}-{7}	C*30	0.1*120	-0.83333	2.000107	0.677615	-4.78974	3.12308
{1}-{8}	C*30	0.1*180	1.67500	2.000107	0.403850	-2.28141	5.63141
{1}-{9}	C*30	1*30	0.67500	1.258579	0.592641	-1.81459	3.16459

{1}-{10}	C*30	1*60	-3.13333	2.000107	0.119606	-7.08974	0.82308
{1}-{11}	C*30	1*120	1.12500	2.000107	0.574750	-2.83141	5.08141
{1}-{12}	C*30	1*180	2.42500	2.000107	0.227511	-1.53141	6.38141
{1}-{13}	C*30	5*30	2.14167	1.258579	0.091174	-0.34793	4.63126
{1}-{14}	C*30	5*60	-1.95833	2.000107	0.329315	-5.91474	1.99808
{1}-{15}	C*30	5*120	3.77500	2.000107	0.061302	-0.18141	7.73141
{1}-{16}	C*30	5*180	2.25000	2.000107	0.262656	-1.70641	6.20641
{1}-{17}	C*30	10*30	3.95833	1.258579	0.002052	1.46874	6.44793
{1}-{18}	C*30	10*60	1.60833	2.000107	0.422771	-2.34808	5.56474
{1}-{19}	C*30	10*120	4.28333	2.000107	0.034066	0.32692	8.23974
{1}-{20}	C*30	10*180	4.84167	2.000107	0.016851	0.88526	8.79808
{2}-{3}	C*60	C*120	2.58333	2.000107	0.198753	-1.37308	6.53974
{2}-{4}	C*60	C*180	2.75000	2.000107	0.171483	-1.20641	6.70641
{2}-{5}	C*60	0.1*30	3.05000	2.000107	0.129672	-0.90641	7.00641
{2}-{6}	C*60	0.1*60	-0.20000	1.258579	0.873983	-2.68959	2.28959
{2}-{7}	C*60	0.1*120	3.10833	2.000107	0.122559	-0.84808	7.06474
{2}-{8}	C*60	0.1*180	5.61667	2.000107	0.005739	1.66026	9.57308
{2}-{9}	C*60	1*30	4.61667	2.000107	0.022542	0.66026	8.57308
{2}-{10}	C*60	1*60	0.80833	1.258579	0.521819	-1.68126	3.29793
{2}-{11}	C*60	1*120	5.06667	2.000107	0.012473	1.11026	9.02308
{2}-{12}	C*60	1*180	6.36667	2.000107	0.001817	2.41026	10.32308
{2}-{13}	C*60	5*30	6.08333	2.000107	0.002840	2.12692	10.03974
{2}-{14}	C*60	5*60	1.98333	1.258579	0.117454	-0.50626	4.47293
{2}-{15}	C*60	5*120	7.71667	2.000107	0.000178	3.76026	11.67308
{2}-{16}	C*60	5*180	6.19167	2.000107	0.002398	2.23526	10.14808
{2}-{17}	C*60	10*30	7.90000	2.000107	0.000127	3.94359	11.85641

{2}-{18}	C*60	10*60	5.55000	1.258579	0.000021	3.06041	8.03959
{2}-{19}	C*60	10*120	8.22500	2.000107	0.000068	4.26859	12.18141
{2}-{20}	C*60	10*180	8.78333	2.000107	0.000023	4.82692	12.73974
{3}-{4}	C*120	C*180	0.16667	2.000107	0.933716	-3.78974	4.12308
{3}-{5}	C*120	0.1*30	0.46667	2.000107	0.815874	-3.48974	4.42308
{3}-{6}	C*120	0.1*60	-2.78333	2.000107	0.166386	-6.73974	1.17308
{3}-{7}	C*120	0.1*120	0.52500	1.258579	0.677256	-1.96459	3.01459
{3}-{8}	C*120	0.1*180	3.03333	2.000107	0.131762	-0.92308	6.98974
{3}-{9}	C*120	1*30	2.03333	2.000107	0.311198	-1.92308	5.98974
{3}-{10}	C*120	1*60	-1.77500	2.000107	0.376449	-5.73141	2.18141
{3}-{11}	C*120	1*120	2.48333	1.258579	0.050570	-0.00626	4.97293
{3}-{12}	C*120	1*180	3.78333	2.000107	0.060740	-0.17308	7.73974
{3}-{13}	C*120	5*30	3.50000	2.000107	0.082458	-0.45641	7.45641
{3}-{14}	C*120	5*60	-0.60000	2.000107	0.764661	-4.55641	3.35641
{3}-{15}	C*120	5*120	5.13333	1.258579	0.000078	2.64374	7.62293
{3}-{16}	C*120	5*180	3.60833	2.000107	0.073500	-0.34808	7.56474
{3}-{17}	C*120	10*30	5.31667	2.000107	0.008827	1.36026	9.27308
{3}-{18}	C*120	10*60	2.96667	2.000107	0.140391	-0.98974	6.92308
{3}-{19}	C*120	10*120	5.64167	1.258579	0.000016	3.15207	8.13126
{3}-{20}	C*120	10*180	6.20000	2.000107	0.002367	2.24359	10.15641
{4}-{5}	C*180	0.1*30	0.30000	2.000107	0.881000	-3.65641	4.25641
{4}-{6}	C*180	0.1*60	-2.95000	2.000107	0.142615	-6.90641	1.00641
{4}-{7}	C*180	0.1*120	0.35833	2.000107	0.858089	-3.59808	4.31474
{4}-{8}	C*180	0.1*180	2.86667	1.258579	0.024352	0.37707	5.35626
{4}-{9}	C*180	1*30	1.86667	2.000107	0.352378	-2.08974	5.82308
{4}-{10}	C*180	1*60	-1.94167	2.000107	0.333433	-5.89808	2.01474



{4}-{11}	C*180	1*120	2.31667	2.000107	0.248845	-1.63974	6.27308
{4}-{12}	C*180	1*180	3.61667	1.258579	0.004731	1.12707	6.10626
{4}-{13}	C*180	5*30	3.33333	2.000107	0.097970	-0.62308	7.28974
{4}-{14}	C*180	5*60	-0.76667	2.000107	0.702104	-4.72308	3.18974
{4}-{15}	C*180	5*120	4.96667	2.000107	0.014274	1.01026	8.92308
{4}-{16}	C*180	5*180	3.44167	1.258579	0.007105	0.95207	5.93126
{4}-{17}	C*180	10*30	5.15000	2.000107	0.011130	1.19359	9.10641
{4}-{18}	C*180	10*60	2.80000	2.000107	0.163882	-1.15641	6.75641
{4}-{19}	C*180	10*120	5.47500	2.000107	0.007048	1.51859	9.43141
{4}-{20}	C*180	10*180	6.03333	1.258579	0.000004	3.54374	8.52293
{5}-{6}	0.1*30	0.1*60	-3.25000	2.000107	0.106566	-7.20641	0.70641
{5}-{7}	0.1*30	0.1*120	0.05833	2.000107	0.976777	-3.89808	4.01474
{5}-{8}	0.1*30	0.1*180	2.56667	2.000107	0.201648	-1.38974	6.52308
{5}-{9}	0.1*30	1*30	1.56667	1.258579	0.215414	-0.92293	4.05626
{5}-{10}	0.1*30	1*60	-2.24167	2.000107	0.264419	-6.19808	1.71474
{5}-{11}	0.1*30	1*120	2.01667	2.000107	0.315165	-1.93974	5.97308
{5}-{12}	0.1*30	1*180	3.31667	2.000107	0.099643	-0.63974	7.27308
{5}-{13}	0.1*30	5*30	3.03333	1.258579	0.017325	0.54374	5.52293
{5}-{14}	0.1*30	5*60	-1.06667	2.000107	0.594719	-5.02308	2.88974
{5}-{15}	0.1*30	5*120	4.66667	2.000107	0.021149	0.71026	8.62308
{5}-{16}	0.1*30	5*180	3.14167	2.000107	0.118635	-0.81474	7.09808
{5}-{17}	0.1*30	10*30	4.85000	1.258579	0.000181	2.36041	7.33959
{5}-{18}	0.1*30	10*60	2.50000	2.000107	0.213535	-1.45641	6.45641
{5}-{19}	0.1*30	10*120	5.17500	2.000107	0.010753	1.21859	9.13141
{5}-{20}	0.1*30	10*180	5.73333	2.000107	0.004832	1.77692	9.68974
{6}-{7}	0.1*60	0.1*120	3.30833	2.000107	0.100488	-0.64808	7.26474

{6}-{8}	0.1*60	0.1*180	5.81667	2.000107	0.004266	1.86026	9.77308
{6}-{9}	0.1*60	1*30	4.81667	2.000107	0.017413	0.86026	8.77308
{6}-{10}	0.1*60	1*60	1.00833	1.258579	0.424474	-1.48126	3.49793
{6}-{11}	0.1*60	1*120	5.26667	2.000107	0.009468	1.31026	9.22308
{6}-{12}	0.1*60	1*180	6.56667	2.000107	0.001314	2.61026	10.52308
{6}-{13}	0.1*60	5*30	6.28333	2.000107	0.002075	2.32692	10.23974
{6}-{14}	0.1*60	5*60	2.18333	1.258579	0.085117	-0.30626	4.67293
{6}-{15}	0.1*60	5*120	7.91667	2.000107	0.000123	3.96026	11.87308
{6}-{16}	0.1*60	5*180	6.39167	2.000107	0.001746	2.43526	10.34808
{6}-{17}	0.1*60	10*30	8.10000	2.000107	0.000087	4.14359	12.05641
{6}-{18}	0.1*60	10*60	5.75000	1.258579	0.000011	3.26041	8.23959
{6}-{19}	0.1*60	10*120	8.42500	2.000107	0.000047	4.46859	12.38141
{6}-{20}	0.1*60	10*180	8.98333	2.000107	0.000015	5.02692	12.93974
{7}-{8}	0.1*120	0.1*180	2.50833	2.000107	0.212022	-1.44808	6.46474
{7}-{9}	0.1*120	1*30	1.50833	2.000107	0.452116	-2.44808	5.46474
{7}-{10}	0.1*120	1*60	-2.30000	2.000107	0.252248	-6.25641	1.65641
{7}-{11}	0.1*120	1*120	1.95833	1.258579	0.122105	-0.53126	4.44793
{7}-{12}	0.1*120	1*180	3.25833	2.000107	0.105680	-0.69808	7.21474
{7}-{13}	0.1*120	5*30	2.97500	2.000107	0.139289	-0.98141	6.93141
{7}-{14}	0.1*120	5*60	-1.12500	2.000107	0.574750	-5.08141	2.83141
{7}-{15}	0.1*120	5*120	4.60833	1.258579	0.000362	2.11874	7.09793
{7}-{16}	0.1*120	5*180	3.08333	2.000107	0.125569	-0.87308	7.03974
{7}-{17}	0.1*120	10*30	4.79167	2.000107	0.017992	0.83526	8.74808
{7}-{18}	0.1*120	10*60	2.44167	2.000107	0.224350	-1.51474	6.39808
{7}-{19}	0.1*120	10*120	5.11667	1.258579	0.000082	2.62707	7.60626
{7}-{20}	0.1*120	10*180	5.67500	2.000107	0.005268	1.71859	9.63141

{8}-{9}	0.1*180	1*30	-1.00000	2.000107	0.617926	-4.95641	2.95641
{8}-{10}	0.1*180	1*60	-4.80833	2.000107	0.017604	-8.76474	-0.85192
{8}-{11}	0.1*180	1*120	-0.55000	2.000107	0.783757	-4.50641	3.40641
{8}-{12}	0.1*180	1*180	0.75000	1.258579	0.552256	-1.73959	3.23959
{8}-{13}	0.1*180	5*30	0.46667	2.000107	0.815874	-3.48974	4.42308
{8}-{14}	0.1*180	5*60	-3.63333	2.000107	0.071552	-7.58974	0.32308
{8}-{15}	0.1*180	5*120	2.10000	2.000107	0.295662	-1.85641	6.05641
{8}-{16}	0.1*180	5*180	0.57500	1.258579	0.648519	-1.91459	3.06459
{8}-{17}	0.1*180	10*30	2.28333	2.000107	0.255685	-1.67308	6.23974
{8}-{18}	0.1*180	10*60	-0.06667	2.000107	0.973461	-4.02308	3.88974
{8}-{19}	0.1*180	10*120	2.60833	2.000107	0.194470	-1.34808	6.56474
{8}-{20}	0.1*180	10*180	3.16667	1.258579	0.013066	0.67707	5.65626
{9}-{10}	1*30	1*60	-3.80833	2.000107	0.059078	-7.76474	0.14808
{9}-{11}	1*30	1*120	0.45000	2.000107	0.822337	-3.50641	4.40641
{9}-{12}	1*30	1*180	1.75000	2.000107	0.383189	-2.20641	5.70641
{9}-{13}	1*30	5*30	1.46667	1.258579	0.245985	-1.02293	3.95626
{9}-{14}	1*30	5*60	-2.63333	2.000107	0.190255	-6.58974	1.32308
{9}-{15}	1*30	5*120	3.10000	2.000107	0.123556	-0.85641	7.05641
{9}-{16}	1*30	5*180	1.57500	2.000107	0.432425	-2.38141	5.53141
{9}-{17}	1*30	10*30	3.28333	1.258579	0.010135	0.79374	5.77293
{9}-{18}	1*30	10*60	0.93333	2.000107	0.641525	-3.02308	4.88974
{9}-{19}	1*30	10*120	3.60833	2.000107	0.073500	-0.34808	7.56474
{9}-{20}	1*30	10*180	4.16667	2.000107	0.039160	0.21026	8.12308
{10}-{11}	1*60	1*120	4.25833	2.000107	0.035107	0.30192	8.21474
{10}-{12}	1*60	1*180	5.55833	2.000107	0.006248	1.60192	9.51474
{10}-{13}	1*60	5*30	5.27500	2.000107	0.009359	1.31859	9.23141

{10}-{14}	1*60	5*60	1.17500	1.258579	0.352219	-1.31459	3.66459
{10}-{15}	1*60	5*120	6.90833	2.000107	0.000743	2.95192	10.86474
{10}-{16}	1*60	5*180	5.38333	2.000107	0.008034	1.42692	9.33974
{10}-{17}	1*60	10*30	7.09167	2.000107	0.000543	3.13526	11.04808
{10}-{18}	1*60	10*60	4.74167	1.258579	0.000248	2.25207	7.23126
{10}-{19}	1*60	10*120	7.41667	2.000107	0.000306	3.46026	11.37308
{10}-{20}	1*60	10*180	7.97500	2.000107	0.000110	4.01859	11.93141
{11}-{12}	1*120	1*180	1.30000	2.000107	0.516844	-2.65641	5.25641
{11}-{13}	1*120	5*30	1.01667	2.000107	0.612087	-2.93974	4.97308
{11}-{14}	1*120	5*60	-3.08333	2.000107	0.125569	-7.03974	0.87308
{11}-{15}	1*120	5*120	2.65000	1.258579	0.037138	0.16041	5.13959
{11}-{16}	1*120	5*180	1.12500	2.000107	0.574750	-2.83141	5.08141
{11}-{17}	1*120	10*30	2.83333	2.000107	0.158958	-1.12308	6.78974
{11}-{18}	1*120	10*60	0.48333	2.000107	0.809423	-3.47308	4.43974
{11}-{19}	1*120	10*120	3.15833	1.258579	0.013302	0.66874	5.64793
{11}-{20}	1*120	10*180	3.71667	2.000107	0.065363	-0.23974	7.67308
{12}-{13}	1*180	5*30	-0.28333	2.000107	0.887565	-4.23974	3.67308
{12}-{14}	1*180	5*60	-4.38333	2.000107	0.030166	-8.33974	-0.42692
{12}-{15}	1*180	5*120	1.35000	2.000107	0.500879	-2.60641	5.30641
{12}-{16}	1*180	5*180	-0.17500	1.258579	0.889626	-2.66459	2.31459
{12}-{17}	1*180	10*30	1.53333	2.000107	0.444673	-2.42308	5.48974
{12}-{18}	1*180	10*60	-0.81667	2.000107	0.683707	-4.77308	3.13974
{12}-{19}	1*180	10*120	1.85833	2.000107	0.354524	-2.09808	5.81474
{12}-{20}	1*180	10*180	2.41667	1.258579	0.056995	-0.07293	4.90626
{13}-{14}	5*30	5*60	-4.10000	2.000107	0.042355	-8.05641	-0.14359
{13}-{15}	5*30	5*120	1.63333	2.000107	0.415615	-2.32308	5.58974

{13}-{16}	5*30	5*180	0.10833	2.000107	0.956887	-3.84808	4.06474
{13}-{17}	5*30	10*30	1.81667	1.258579	0.151269	-0.67293	4.30626
{13}-{18}	5*30	10*60	-0.53333	2.000107	0.790153	-4.48974	3.42308
{13}-{19}	5*30	10*120	2.14167	2.000107	0.286224	-1.81474	6.09808
{13}-{20}	5*30	10*180	2.70000	2.000107	0.179349	-1.25641	6.65641
{14}-{15}	5*60	5*120	5.73333	2.000107	0.004832	1.77692	9.68974
{14}-{16}	5*60	5*180	4.20833	2.000107	0.037270	0.25192	8.16474
{14}-{17}	5*60	10*30	5.91667	2.000107	0.003668	1.96026	9.87308
{14}-{18}	5*60	10*60	3.56667	1.258579	0.005322	1.07707	6.05626
{14}-{19}	5*60	10*120	6.24167	2.000107	0.002217	2.28526	10.19808
{14}-{20}	5*60	10*180	6.80000	2.000107	0.000892	2.84359	10.75641
{15}-{16}	5*120	5*180	-1.52500	2.000107	0.447146	-5.48141	2.43141
{15}-{17}	5*120	10*30	0.18333	2.000107	0.927106	-3.77308	4.13974
{15}-{18}	5*120	10*60	-2.16667	2.000107	0.280661	-6.12308	1.78974
{15}-{19}	5*120	10*120	0.50833	1.258579	0.686944	-1.98126	2.99793
{15}-{20}	5*120	10*180	1.06667	2.000107	0.594719	-2.88974	5.02308
{16}-{17}	5*180	10*30	1.70833	2.000107	0.394585	-2.24808	5.66474
{16}-{18}	5*180	10*60	-0.64167	2.000107	0.748857	-4.59808	3.31474
{16}-{19}	5*180	10*120	2.03333	2.000107	0.311198	-1.92308	5.98974
{16}-{20}	5*180	10*180	2.59167	1.258579	0.041441	0.10207	5.08126
{17}-{18}	10*30	10*60	-2.35000	2.000107	0.242135	-6.30641	1.60641
{17}-{19}	10*30	10*120	0.32500	2.000107	0.871167	-3.63141	4.28141
{17}-{20}	10*30	10*180	0.88333	2.000107	0.659470	-3.07308	4.83974
{18}-{19}	10*60	10*120	2.67500	2.000107	0.183383	-1.28141	6.63141
{18}-{20}	10*60	10*180	3.23333	2.000107	0.108356	-0.72308	7.18974
{19}-{20}	10*120	10*180	0.55833	2.000107	0.780565	-3.39808	4.51474

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 78.500	{2} - 84.000	{3} - 51.333	{4} - 46.917	{5} - 88.583	{6} - 81.167	{7} - 61.667	{8} - 60.333	{9} - 107.25	{10} - 77.500	{11} - 59.333	{12} - 50.000	{13} - 86.250	{14} - 70.250	{15} - 56.833	{16} - 45.833	{17} - 75.833	{18} - 59.250	{19} - 50.667	{20} - 40.833
1	C	30		0.598787	0.010237	0.002955	0.224114	0.806397	0.123498	0.096707	0.000674	0.926767	0.079871	0.009700	0.349570	0.448770	0.048074	0.003148	0.747196	0.078584	0.011494	0.000707
2	C	60	0.598787		0.002135	0.000523	0.673658	0.731993	0.041690	0.031074	0.034107	0.432491	0.024734	0.002145	0.836173	0.098177	0.013581	0.000604	0.453356	0.003249	0.002602	0.000115
3	C	120	0.010237	0.002135		0.672594	0.000805	0.006849	0.212901	0.408715	0.000001	0.017347	0.334297	0.902464	0.001638	0.083836	0.506436	0.613359	0.025704	0.467272	0.935760	0.335347
4	C	180	0.002955	0.000523	0.672594		0.000192	0.001994	0.176683	0.106514	0.000000	0.005603	0.254928	0.709387	0.000415	0.033480	0.362796	0.895798	0.008711	0.258115	0.730394	0.462506
5	0.1	30	0.224114	0.673658	0.000805	0.000192		0.478204	0.010939	0.007643	0.025390	0.309288	0.007987	0.000529	0.777898	0.093716	0.004070	0.000133	0.124884	0.007814	0.000653	0.000022
6	0.1	60	0.806397	0.731993	0.006849	0.001994	0.478204		0.063706	0.047793	0.017699	0.657666	0.046405	0.004781	0.640473	0.188343	0.026708	0.001446	0.624143	0.008913	0.005730	0.000300
7	0.1	120	0.123498	0.041690	0.212901	0.176683	0.010939	0.063706		0.898455	0.000049	0.147196	0.777898	0.284618	0.025215	0.430696	0.559237	0.147196	0.194303	0.824232	0.185015	0.057205
8	0.1	180	0.096707	0.031074	0.408715	0.106514	0.007643	0.047793	0.898455		0.000030	0.116304	0.926767	0.212901	0.018422	0.362796	0.747728	0.081342	0.155833	0.920684	0.374983	0.019636
9	1	30	0.000674	0.034107	0.000001	0.000000	0.025390	0.017699	0.000049	0.000030		0.005031	0.000010	0.000000	0.012120	0.000870	0.000008	0.000000	0.000216	0.000020	0.000001	0.000000
10	1	60	0.926767	0.432491	0.017347	0.005603	0.309288	0.657666	0.147196	0.116304	0.005031		0.083823	0.009365	0.421821	0.381435	0.059196	0.004166	0.878253	0.028784	0.014746	0.000964
11	1	120	0.079871	0.024734	0.334297	0.254928	0.007987	0.046405	0.777898	0.926767	0.000010	0.083823		0.372407	0.014447	0.316591	0.762500	0.215999	0.131038	0.993889	0.295731	0.090801
12	1	180	0.009700	0.002145	0.902464	0.709387	0.000529	0.004781	0.284618	0.212901	0.000000	0.009365	0.372407		0.001096	0.064431	0.530258	0.614605	0.018794	0.395857	0.951140	0.268863
13	5	30	0.349570	0.836173	0.001638	0.000415	0.777898	0.640473	0.025215	0.018422	0.012120	0.421821	0.014447	0.001096		0.127346	0.005529	0.000167	0.209256	0.014153	0.001342	0.000052
14	5	60	0.448770	0.098177	0.083836	0.033480	0.093716	0.188343	0.430696	0.362796	0.000870	0.381435	0.316591	0.064431	0.127346		0.200490	0.020707	0.607999	0.185015	0.073606	0.007645
15	5	120	0.048074	0.013581	0.506436	0.362796	0.004070	0.026708	0.559237	0.747728	0.000008	0.059196	0.762500	0.530258	0.005529	0.200490		0.293425	0.082497	0.824232	0.456411	0.143019
16	5	180	0.003148	0.000604	0.613359	0.895798	0.000133	0.001446	0.147196	0.081342	0.000000	0.004166	0.215999	0.614605	0.000167	0.020707	0.293425		0.006552	0.218830	0.656980	0.545787
17	10	30	0.747196	0.453356	0.025704	0.008711	0.124884	0.624143	0.194303	0.155833	0.000216	0.878253	0.131038	0.018794	0.209256	0.607999	0.082497	0.006552		0.114170	0.017179	0.001032
18	10	60	0.078584	0.003249	0.467272	0.258115	0.007814	0.008913	0.824232	0.920684	0.000020	0.028784	0.993889	0.395857	0.014153	0.185015	0.824232	0.218830	0.114170		0.411938	0.079698
19	10	120	0.011494	0.002602	0.935760	0.730394	0.000653	0.005730	0.185015	0.374983	0.000001	0.014746	0.295731	0.951140	0.001342	0.073606	0.456411	0.656980	0.017179	0.411938		0.347422
20	10	180	0.000707	0.000115	0.335347	0.462506	0.000022	0.000300	0.057205	0.019636	0.000000	0.000964	0.090801	0.268863	0.000052	0.007645	0.143019	0.545787	0.001032	0.079698	0.347422	

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable AR-AI (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-5.5000	10.42811	0.598787	-26.1278	15.1278
{1}-{3}	C*30	C*120	27.1667	10.42811	0.010237	6.5388	47.7945
{1}-{4}	C*30	C*180	31.5833	10.42811	0.002955	10.9555	52.2112
{1}-{5}	C*30	0.1*30	-10.0833	8.25559	0.224114	-26.4137	6.2470
{1}-{6}	C*30	0.1*60	-2.6667	10.85910	0.806397	-24.1470	18.8137
{1}-{7}	C*30	0.1*120	16.8333	10.85910	0.123498	-4.6470	38.3137
{1}-{8}	C*30	0.1*180	18.1667	10.85910	0.096707	-3.3137	39.6470
{1}-{9}	C*30	1*30	-28.7500	8.25559	0.000674	-45.0804	-12.4196
{1}-{10}	C*30	1*60	1.0000	10.85910	0.926767	-20.4804	22.4804
{1}-{11}	C*30	1*120	19.1667	10.85910	0.079871	-2.3137	40.6470
{1}-{12}	C*30	1*180	28.5000	10.85910	0.009700	7.0196	49.9804
{1}-{13}	C*30	5*30	-7.7500	8.25559	0.349570	-24.0804	8.5804
{1}-{14}	C*30	5*60	8.2500	10.85910	0.448770	-13.2304	29.7304
{1}-{15}	C*30	5*120	21.6667	10.85910	0.048074	0.1863	43.1470
{1}-{16}	C*30	5*180	32.6667	10.85910	0.003148	11.1863	54.1470
{1}-{17}	C*30	10*30	2.6667	8.25559	0.747196	-13.6637	18.9970
{1}-{18}	C*30	10*60	19.2500	10.85910	0.078584	-2.2304	40.7304
{1}-{19}	C*30	10*120	27.8333	10.85910	0.011494	6.3530	49.3137
{1}-{20}	C*30	10*180	37.6667	10.85910	0.000707	16.1863	59.1470
{2}-{3}	C*60	C*120	32.6667	10.42811	0.002135	12.0388	53.2945

{2}-{4}	C*60	C*180	37.0833	10.42811	0.000523	16.4555	57.7112
{2}-{5}	C*60	0.1*30	-4.5833	10.85910	0.673658	-26.0637	16.8970
{2}-{6}	C*60	0.1*60	2.8333	8.25559	0.731993	-13.4970	19.1637
{2}-{7}	C*60	0.1*120	22.3333	10.85910	0.041690	0.8530	43.8137
{2}-{8}	C*60	0.1*180	23.6667	10.85910	0.031074	2.1863	45.1470
{2}-{9}	C*60	1*30	-23.2500	10.85910	0.034107	-44.7304	-1.7696
{2}-{10}	C*60	1*60	6.5000	8.25559	0.432491	-9.8304	22.8304
{2}-{11}	C*60	1*120	24.6667	10.85910	0.024734	3.1863	46.1470
{2}-{12}	C*60	1*180	34.0000	10.85910	0.002145	12.5196	55.4804
{2}-{13}	C*60	5*30	-2.2500	10.85910	0.836173	-23.7304	19.2304
{2}-{14}	C*60	5*60	13.7500	8.25559	0.098177	-2.5804	30.0804
{2}-{15}	C*60	5*120	27.1667	10.85910	0.013581	5.6863	48.6470
{2}-{16}	C*60	5*180	38.1667	10.85910	0.000604	16.6863	59.6470
{2}-{17}	C*60	10*30	8.1667	10.85910	0.453356	-13.3137	29.6470
{2}-{18}	C*60	10*60	24.7500	8.25559	0.003249	8.4196	41.0804
{2}-{19}	C*60	10*120	33.3333	10.85910	0.002602	11.8530	54.8137
{2}-{20}	C*60	10*180	43.1667	10.85910	0.000115	21.6863	64.6470
{3}-{4}	C*120	C*180	4.4167	10.42811	0.672594	-16.2112	25.0445
{3}-{5}	C*120	0.1*30	-37.2500	10.85910	0.000805	-58.7304	-15.7696
{3}-{6}	C*120	0.1*60	-29.8333	10.85910	0.006849	-51.3137	-8.3530
{3}-{7}	C*120	0.1*120	-10.3333	8.25559	0.212901	-26.6637	5.9970
{3}-{8}	C*120	0.1*180	-9.0000	10.85910	0.408715	-30.4804	12.4804
{3}-{9}	C*120	1*30	-55.9167	10.85910	0.000001	-77.3970	-34.4363
{3}-{10}	C*120	1*60	-26.1667	10.85910	0.017347	-47.6470	-4.6863
{3}-{11}	C*120	1*120	-8.0000	8.25559	0.334297	-24.3304	8.3304
{3}-{12}	C*120	1*180	1.3333	10.85910	0.902464	-20.1470	22.8137



{3}-{13}	C*120	5*30	-34.9167	10.85910	0.001638	-56.3970	-13.4363
{3}-{14}	C*120	5*60	-18.9167	10.85910	0.083836	-40.3970	2.5637
{3}-{15}	C*120	5*120	-5.5000	8.25559	0.506436	-21.8304	10.8304
{3}-{16}	C*120	5*180	5.5000	10.85910	0.613359	-15.9804	26.9804
{3}-{17}	C*120	10*30	-24.5000	10.85910	0.025704	-45.9804	-3.0196
{3}-{18}	C*120	10*60	-7.9167	10.85910	0.467272	-29.3970	13.5637
{3}-{19}	C*120	10*120	0.6667	8.25559	0.935760	-15.6637	16.9970
{3}-{20}	C*120	10*180	10.5000	10.85910	0.335347	-10.9804	31.9804
{4}-{5}	C*180	0.1*30	-41.6667	10.85910	0.000192	-63.1470	-20.1863
{4}-{6}	C*180	0.1*60	-34.2500	10.85910	0.001994	-55.7304	-12.7696
{4}-{7}	C*180	0.1*120	-14.7500	10.85910	0.176683	-36.2304	6.7304
{4}-{8}	C*180	0.1*180	-13.4167	8.25559	0.106514	-29.7470	2.9137
{4}-{9}	C*180	1*30	-60.3333	10.85910	0.000000	-81.8137	-38.8530
{4}-{10}	C*180	1*60	-30.5833	10.85910	0.005603	-52.0637	-9.1030
{4}-{11}	C*180	1*120	-12.4167	10.85910	0.254928	-33.8970	9.0637
{4}-{12}	C*180	1*180	-3.0833	8.25559	0.709387	-19.4137	13.2470
{4}-{13}	C*180	5*30	-39.3333	10.85910	0.000415	-60.8137	-17.8530
{4}-{14}	C*180	5*60	-23.3333	10.85910	0.033480	-44.8137	-1.8530
{4}-{15}	C*180	5*120	-9.9167	10.85910	0.362796	-31.3970	11.5637
{4}-{16}	C*180	5*180	1.0833	8.25559	0.895798	-15.2470	17.4137
{4}-{17}	C*180	10*30	-28.9167	10.85910	0.008711	-50.3970	-7.4363
{4}-{18}	C*180	10*60	-12.3333	10.85910	0.258115	-33.8137	9.1470
{4}-{19}	C*180	10*120	-3.7500	10.85910	0.730394	-25.2304	17.7304
{4}-{20}	C*180	10*180	6.0833	8.25559	0.462506	-10.2470	22.4137
{5}-{6}	0.1*30	0.1*60	7.4167	10.42811	0.478204	-13.2112	28.0445
{5}-{7}	0.1*30	0.1*120	26.9167	10.42811	0.010939	6.2888	47.5445

{5}-{8}	0.1*30	0.1*180	28.2500	10.42811	0.007643	7.6222	48.8778
{5}-{9}	0.1*30	1*30	-18.6667	8.25559	0.025390	-34.9970	-2.3363
{5}-{10}	0.1*30	1*60	11.0833	10.85910	0.309288	-10.3970	32.5637
{5}-{11}	0.1*30	1*120	29.2500	10.85910	0.007987	7.7696	50.7304
{5}-{12}	0.1*30	1*180	38.5833	10.85910	0.000529	17.1030	60.0637
{5}-{13}	0.1*30	5*30	2.3333	8.25559	0.777898	-13.9970	18.6637
{5}-{14}	0.1*30	5*60	18.3333	10.85910	0.093716	-3.1470	39.8137
{5}-{15}	0.1*30	5*120	31.7500	10.85910	0.004070	10.2696	53.2304
{5}-{16}	0.1*30	5*180	42.7500	10.85910	0.000133	21.2696	64.2304
{5}-{17}	0.1*30	10*30	12.7500	8.25559	0.124884	-3.5804	29.0804
{5}-{18}	0.1*30	10*60	29.3333	10.85910	0.007814	7.8530	50.8137
{5}-{19}	0.1*30	10*120	37.9167	10.85910	0.000653	16.4363	59.3970
{5}-{20}	0.1*30	10*180	47.7500	10.85910	0.000022	26.2696	69.2304
{6}-{7}	0.1*60	0.1*120	19.5000	10.42811	0.063706	-1.1278	40.1278
{6}-{8}	0.1*60	0.1*180	20.8333	10.42811	0.047793	0.2055	41.4612
{6}-{9}	0.1*60	1*30	-26.0833	10.85910	0.017699	-47.5637	-4.6030
{6}-{10}	0.1*60	1*60	3.6667	8.25559	0.657666	-12.6637	19.9970
{6}-{11}	0.1*60	1*120	21.8333	10.85910	0.046405	0.3530	43.3137
{6}-{12}	0.1*60	1*180	31.1667	10.85910	0.004781	9.6863	52.6470
{6}-{13}	0.1*60	5*30	-5.0833	10.85910	0.640473	-26.5637	16.3970
{6}-{14}	0.1*60	5*60	10.9167	8.25559	0.188343	-5.4137	27.2470
{6}-{15}	0.1*60	5*120	24.3333	10.85910	0.026708	2.8530	45.8137
{6}-{16}	0.1*60	5*180	35.3333	10.85910	0.001446	13.8530	56.8137
{6}-{17}	0.1*60	10*30	5.3333	10.85910	0.624143	-16.1470	26.8137
{6}-{18}	0.1*60	10*60	21.9167	8.25559	0.008913	5.5863	38.2470
{6}-{19}	0.1*60	10*120	30.5000	10.85910	0.005730	9.0196	51.9804

{6}-{20}	0.1*60	10*180	40.3333	10.85910	0.000300	18.8530	61.8137
{7}-{8}	0.1*120	0.1*180	1.3333	10.42811	0.898455	-19.2945	21.9612
{7}-{9}	0.1*120	1*30	-45.5833	10.85910	0.000049	-67.0637	-24.1030
{7}-{10}	0.1*120	1*60	-15.8333	10.85910	0.147196	-37.3137	5.6470
{7}-{11}	0.1*120	1*120	2.3333	8.25559	0.777898	-13.9970	18.6637
{7}-{12}	0.1*120	1*180	11.6667	10.85910	0.284618	-9.8137	33.1470
{7}-{13}	0.1*120	5*30	-24.5833	10.85910	0.025215	-46.0637	-3.1030
{7}-{14}	0.1*120	5*60	-8.5833	10.85910	0.430696	-30.0637	12.8970
{7}-{15}	0.1*120	5*120	4.8333	8.25559	0.559237	-11.4970	21.1637
{7}-{16}	0.1*120	5*180	15.8333	10.85910	0.147196	-5.6470	37.3137
{7}-{17}	0.1*120	10*30	-14.1667	10.85910	0.194303	-35.6470	7.3137
{7}-{18}	0.1*120	10*60	2.4167	10.85910	0.824232	-19.0637	23.8970
{7}-{19}	0.1*120	10*120	11.0000	8.25559	0.185015	-5.3304	27.3304
{7}-{20}	0.1*120	10*180	20.8333	10.85910	0.057205	-0.6470	42.3137
{8}-{9}	0.1*180	1*30	-46.9167	10.85910	0.000030	-68.3970	-25.4363
{8}-{10}	0.1*180	1*60	-17.1667	10.85910	0.116304	-38.6470	4.3137
{8}-{11}	0.1*180	1*120	1.0000	10.85910	0.926767	-20.4804	22.4804
{8}-{12}	0.1*180	1*180	10.3333	8.25559	0.212901	-5.9970	26.6637
{8}-{13}	0.1*180	5*30	-25.9167	10.85910	0.018422	-47.3970	-4.4363
{8}-{14}	0.1*180	5*60	-9.9167	10.85910	0.362796	-31.3970	11.5637
{8}-{15}	0.1*180	5*120	3.5000	10.85910	0.747728	-17.9804	24.9804
{8}-{16}	0.1*180	5*180	14.5000	8.25559	0.081342	-1.8304	30.8304
{8}-{17}	0.1*180	10*30	-15.5000	10.85910	0.155833	-36.9804	5.9804
{8}-{18}	0.1*180	10*60	1.0833	10.85910	0.920684	-20.3970	22.5637
{8}-{19}	0.1*180	10*120	9.6667	10.85910	0.374983	-11.8137	31.1470
{8}-{20}	0.1*180	10*180	19.5000	8.25559	0.019636	3.1696	35.8304

{9}-{10}	1*30	1*60	29.7500	10.42811	0.005031	9.1222	50.3778
{9}-{11}	1*30	1*120	47.9167	10.42811	0.000010	27.2888	68.5445
{9}-{12}	1*30	1*180	57.2500	10.42811	0.000000	36.6222	77.8778
{9}-{13}	1*30	5*30	21.0000	8.25559	0.012120	4.6696	37.3304
{9}-{14}	1*30	5*60	37.0000	10.85910	0.000870	15.5196	58.4804
{9}-{15}	1*30	5*120	50.4167	10.85910	0.000008	28.9363	71.8970
{9}-{16}	1*30	5*180	61.4167	10.85910	0.000000	39.9363	82.8970
{9}-{17}	1*30	10*30	31.4167	8.25559	0.000216	15.0863	47.7470
{9}-{18}	1*30	10*60	48.0000	10.85910	0.000020	26.5196	69.4804
{9}-{19}	1*30	10*120	56.5833	10.85910	0.000001	35.1030	78.0637
{9}-{20}	1*30	10*180	66.4167	10.85910	0.000000	44.9363	87.8970
{10}-{11}	1*60	1*120	18.1667	10.42811	0.083823	-2.4612	38.7945
{10}-{12}	1*60	1*180	27.5000	10.42811	0.009365	6.8722	48.1278
{10}-{13}	1*60	5*30	-8.7500	10.85910	0.421821	-30.2304	12.7304
{10}-{14}	1*60	5*60	7.2500	8.25559	0.381435	-9.0804	23.5804
{10}-{15}	1*60	5*120	20.6667	10.85910	0.059196	-0.8137	42.1470
{10}-{16}	1*60	5*180	31.6667	10.85910	0.004166	10.1863	53.1470
{10}-{17}	1*60	10*30	1.6667	10.85910	0.878253	-19.8137	23.1470
{10}-{18}	1*60	10*60	18.2500	8.25559	0.028784	1.9196	34.5804
{10}-{19}	1*60	10*120	26.8333	10.85910	0.014746	5.3530	48.3137
{10}-{20}	1*60	10*180	36.6667	10.85910	0.000964	15.1863	58.1470
{11}-{12}	1*120	1*180	9.3333	10.42811	0.372407	-11.2945	29.9612
{11}-{13}	1*120	5*30	-26.9167	10.85910	0.014447	-48.3970	-5.4363
{11}-{14}	1*120	5*60	-10.9167	10.85910	0.316591	-32.3970	10.5637
{11}-{15}	1*120	5*120	2.5000	8.25559	0.762500	-13.8304	18.8304
{11}-{16}	1*120	5*180	13.5000	10.85910	0.215999	-7.9804	34.9804

{11}-{17}	1*120	10*30	-16.5000	10.85910	0.131038	-37.9804	4.9804
{11}-{18}	1*120	10*60	0.0833	10.85910	0.993889	-21.3970	21.5637
{11}-{19}	1*120	10*120	8.6667	8.25559	0.295731	-7.6637	24.9970
{11}-{20}	1*120	10*180	18.5000	10.85910	0.090801	-2.9804	39.9804
{12}-{13}	1*180	5*30	-36.2500	10.85910	0.001096	-57.7304	-14.7696
{12}-{14}	1*180	5*60	-20.2500	10.85910	0.064431	-41.7304	1.2304
{12}-{15}	1*180	5*120	-6.8333	10.85910	0.530258	-28.3137	14.6470
{12}-{16}	1*180	5*180	4.1667	8.25559	0.614605	-12.1637	20.4970
{12}-{17}	1*180	10*30	-25.8333	10.85910	0.018794	-47.3137	-4.3530
{12}-{18}	1*180	10*60	-9.2500	10.85910	0.395857	-30.7304	12.2304
{12}-{19}	1*180	10*120	-0.6667	10.85910	0.951140	-22.1470	20.8137
{12}-{20}	1*180	10*180	9.1667	8.25559	0.268863	-7.1637	25.4970
{13}-{14}	5*30	5*60	16.0000	10.42811	0.127346	-4.6278	36.6278
{13}-{15}	5*30	5*120	29.4167	10.42811	0.005529	8.7888	50.0445
{13}-{16}	5*30	5*180	40.4167	10.42811	0.000167	19.7888	61.0445
{13}-{17}	5*30	10*30	10.4167	8.25559	0.209256	-5.9137	26.7470
{13}-{18}	5*30	10*60	27.0000	10.85910	0.014153	5.5196	48.4804
{13}-{19}	5*30	10*120	35.5833	10.85910	0.001342	14.1030	57.0637
{13}-{20}	5*30	10*180	45.4167	10.85910	0.000052	23.9363	66.8970
{14}-{15}	5*60	5*120	13.4167	10.42811	0.200490	-7.2112	34.0445
{14}-{16}	5*60	5*180	24.4167	10.42811	0.020707	3.7888	45.0445
{14}-{17}	5*60	10*30	-5.5833	10.85910	0.607999	-27.0637	15.8970
{14}-{18}	5*60	10*60	11.0000	8.25559	0.185015	-5.3304	27.3304
{14}-{19}	5*60	10*120	19.5833	10.85910	0.073606	-1.8970	41.0637
{14}-{20}	5*60	10*180	29.4167	10.85910	0.007645	7.9363	50.8970
{15}-{16}	5*120	5*180	11.0000	10.42811	0.293425	-9.6278	31.6278

{15}-{17}	5*120	10*30	-19.0000	10.85910	0.082497	-40.4804	2.4804
{15}-{18}	5*120	10*60	-2.4167	10.85910	0.824232	-23.8970	19.0637
{15}-{19}	5*120	10*120	6.1667	8.25559	0.456411	-10.1637	22.4970
{15}-{20}	5*120	10*180	16.0000	10.85910	0.143019	-5.4804	37.4804
{16}-{17}	5*180	10*30	-30.0000	10.85910	0.006552	-51.4804	-8.5196
{16}-{18}	5*180	10*60	-13.4167	10.85910	0.218830	-34.8970	8.0637
{16}-{19}	5*180	10*120	-4.8333	10.85910	0.656980	-26.3137	16.6470
{16}-{20}	5*180	10*180	5.0000	8.25559	0.545787	-11.3304	21.3304
{17}-{18}	10*30	10*60	16.5833	10.42811	0.114170	-4.0445	37.2112
{17}-{19}	10*30	10*120	25.1667	10.42811	0.017179	4.5388	45.7945
{17}-{20}	10*30	10*180	35.0000	10.42811	0.001032	14.3722	55.6278
{18}-{19}	10*60	10*120	8.5833	10.42811	0.411938	-12.0445	29.2112
{18}-{20}	10*60	10*180	18.4167	10.42811	0.079698	-2.2112	39.0445
{19}-{20}	10*120	10*180	9.8333	10.42811	0.347422	-10.7945	30.4612

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 81.667	{2} - 85.750	{3} - 108.58	{4} - 114.83	{5} - 82.000	{6} - 93.667	{7} - 103.75	{8} - 109.92	{9} - 64.583	{10} - 88.833	{11} - 113.83	{12} - 114.83	{13} - 79.833	{14} - 94.833	{15} - 113.33	{16} - 117.67	{17} - 96.333	{18} - 102.92	{19} - 126.25	{20} - 123.42
1	C	30		0.680988	0.007492	0.001066	0.962680	0.246587	0.034046	0.006997	0.017670	0.488231	0.002223	0.001631	0.796931	0.203846	0.002589	0.000654	0.041099	0.041269	0.000030	0.000087
2	C	60	0.680988		0.022785	0.003940	0.716663	0.267558	0.083179	0.020579	0.042059	0.665257	0.007329	0.005532	0.567053	0.203673	0.008413	0.002400	0.306559	0.017135	0.000137	0.000372
3	C	120	0.007492	0.022785		0.529357	0.011027	0.150345	0.497845	0.897305	0.000037	0.057593	0.461605	0.545444	0.006081	0.184641	0.505273	0.379938	0.236931	0.583527	0.014219	0.152620
4	C	180	0.001066	0.003940	0.529357		0.001810	0.042059	0.284363	0.490477	0.000003	0.012869	0.922884	1.000000	0.000908	0.054544	0.884554	0.690919	0.075061	0.249867	0.270192	0.229527
5	0.1	30	0.962680	0.716663	0.011027	0.001810		0.241226	0.029936	0.005594	0.015617	0.508650	0.002461	0.001810	0.761058	0.215460	0.002863	0.000730	0.045846	0.044506	0.000034	0.000098
6	0.1	60	0.246587	0.267558	0.150345	0.042059	0.241226		0.310799	0.103449	0.005532	0.497845	0.052589	0.042059	0.182012	0.869919	0.058640	0.021450	0.796322	0.195550	0.001956	0.004568

7	0.1	120	0.034046	0.083179	0.497845	0.284363	0.029936	0.310799		0.534854	0.000221	0.150345	0.158511	0.284363	0.021897	0.388717	0.180030	0.179411	0.473216	0.935706	0.001929	0.058640
8	0.1	180	0.006997	0.020579	0.897305	0.490477	0.005594	0.103449	0.534854		0.000022	0.042861	0.704656	0.490477	0.004146	0.145876	0.740889	0.277715	0.189985	0.498384	0.115559	0.059794
9	1	30	0.017670	0.042059	0.000037	0.000003	0.015617	0.005532	0.000221	0.000022		0.015723	0.000002	0.000001	0.033803	0.003949	0.000006	0.000001	0.000017	0.000296	0.000000	0.000000
10	1	60	0.488231	0.665257	0.057593	0.012869	0.508650	0.497845	0.150345	0.042861	0.015723		0.012836	0.009727	0.384312	0.400284	0.018930	0.005939	0.468268	0.049705	0.000406	0.001040
11	1	120	0.002223	0.007329	0.461605	0.922884	0.002461	0.052589	0.158511	0.704656	0.000002	0.012836		0.919779	0.001253	0.067609	0.944045	0.710650	0.092002	0.291636	0.083087	0.354348
12	1	180	0.001631	0.005532	0.545444	1.000000	0.001810	0.042059	0.284363	0.490477	0.000001	0.009727	0.919779		0.000908	0.054544	0.884554	0.690919	0.075061	0.249867	0.270192	0.229527
13	5	30	0.796931	0.567053	0.006081	0.000908	0.761058	0.182012	0.021897	0.004146	0.033803	0.384312	0.001253	0.000908		0.132526	0.000953	0.000206	0.021843	0.026844	0.000015	0.000044
14	5	60	0.203846	0.203673	0.184641	0.054544	0.215460	0.869919	0.388717	0.145876	0.003949	0.400284	0.067609	0.054544	0.132526		0.064157	0.022785	0.884554	0.257663	0.002792	0.006373
15	5	120	0.002589	0.008413	0.505273	0.884554	0.002863	0.058640	0.180030	0.740889	0.000006	0.018930	0.944045	0.884554	0.000953	0.064157		0.662642	0.101571	0.314209	0.071546	0.329887
16	5	180	0.000654	0.002400	0.379938	0.690919	0.000730	0.021450	0.179411	0.277715	0.000001	0.005939	0.710650	0.690919	0.000206	0.022785	0.662642		0.040492	0.154920	0.406647	0.420153
17	10	30	0.041099	0.306559	0.236931	0.075061	0.045846	0.796322	0.473216	0.189985	0.000017	0.468268	0.092002	0.075061	0.021843	0.884554	0.101571	0.040492		0.507664	0.003048	0.007140
18	10	60	0.041269	0.017135	0.583527	0.249867	0.044506	0.195550	0.935706	0.498384	0.000296	0.049705	0.291636	0.249867	0.026844	0.257663	0.314209	0.154920	0.507664		0.020025	0.040541
19	10	120	0.000030	0.000137	0.014219	0.270192	0.000034	0.001956	0.001929	0.115559	0.000000	0.000406	0.083087	0.270192	0.000015	0.002792	0.071546	0.406647	0.003048	0.020025		0.775406
20	10	180	0.000087	0.000372	0.152620	0.229527	0.000098	0.004568	0.058640	0.059794	0.000000	0.001040	0.354348	0.229527	0.000044	0.006373	0.329887	0.420153	0.007140	0.040541	0.775406	

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable AR-AR (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-4.0833	9.91035	0.680988	-23.6870	15.5203
{1}-{3}	C*30	C*120	-26.9167	9.91035	0.007492	-46.5203	-7.3130
{1}-{4}	C*30	C*180	-33.1667	9.91035	0.001066	-52.7703	-13.5630
{1}-{5}	C*30	0.1*30	-0.3333	7.11033	0.962680	-14.3983	13.7316
{1}-{6}	C*30	0.1*60	-12.0000	10.31067	0.246587	-32.3955	8.3955

{1}-{7}	C*30	0.1*120	-22.0833	10.31067	0.034046	-42.4789	-1.6878
{1}-{8}	C*30	0.1*180	-28.2500	10.31067	0.006997	-48.6455	-7.8545
{1}-{9}	C*30	1*30	17.0833	7.11033	0.017670	3.0184	31.1483
{1}-{10}	C*30	1*60	-7.1667	10.31067	0.488231	-27.5622	13.2289
{1}-{11}	C*30	1*120	-32.1667	10.31067	0.002223	-52.5622	-11.7711
{1}-{12}	C*30	1*180	-33.1667	10.31067	0.001631	-53.5622	-12.7711
{1}-{13}	C*30	5*30	1.8333	7.11033	0.796931	-12.2316	15.8983
{1}-{14}	C*30	5*60	-13.1667	10.31067	0.203846	-33.5622	7.2289
{1}-{15}	C*30	5*120	-31.6667	10.31067	0.002589	-52.0622	-11.2711
{1}-{16}	C*30	5*180	-36.0000	10.31067	0.000654	-56.3955	-15.6045
{1}-{17}	C*30	10*30	-14.6667	7.11033	0.041099	-28.7316	-0.6017
{1}-{18}	C*30	10*60	-21.2500	10.31067	0.041269	-41.6455	-0.8545
{1}-{19}	C*30	10*120	-44.5833	10.31067	0.000030	-64.9789	-24.1878
{1}-{20}	C*30	10*180	-41.7500	10.31067	0.000087	-62.1455	-21.3545
{2}-{3}	C*60	C*120	-22.8333	9.91035	0.022785	-42.4370	-3.2297
{2}-{4}	C*60	C*180	-29.0833	9.91035	0.003940	-48.6870	-9.4797
{2}-{5}	C*60	0.1*30	3.7500	10.31067	0.716663	-16.6455	24.1455
{2}-{6}	C*60	0.1*60	-7.9167	7.11033	0.267558	-21.9816	6.1483
{2}-{7}	C*60	0.1*120	-18.0000	10.31067	0.083179	-38.3955	2.3955
{2}-{8}	C*60	0.1*180	-24.1667	10.31067	0.020579	-44.5622	-3.7711
{2}-{9}	C*60	1*30	21.1667	10.31067	0.042059	0.7711	41.5622
{2}-{10}	C*60	1*60	-3.0833	7.11033	0.665257	-17.1483	10.9816
{2}-{11}	C*60	1*120	-28.0833	10.31067	0.007329	-48.4789	-7.6878
{2}-{12}	C*60	1*180	-29.0833	10.31067	0.005532	-49.4789	-8.6878
{2}-{13}	C*60	5*30	5.9167	10.31067	0.567053	-14.4789	26.3122
{2}-{14}	C*60	5*60	-9.0833	7.11033	0.203673	-23.1483	4.9816



{2}-{15}	C*60	5*120	-27.5833	10.31067	0.008413	-47.9789	-7.1878
{2}-{16}	C*60	5*180	-31.9167	10.31067	0.002400	-52.3122	-11.5211
{2}-{17}	C*60	10*30	-10.5833	10.31067	0.306559	-30.9789	9.8122
{2}-{18}	C*60	10*60	-17.1667	7.11033	0.017135	-31.2316	-3.1017
{2}-{19}	C*60	10*120	-40.5000	10.31067	0.000137	-60.8955	-20.1045
{2}-{20}	C*60	10*180	-37.6667	10.31067	0.000372	-58.0622	-17.2711
{3}-{4}	C*120	C*180	-6.2500	9.91035	0.529357	-25.8537	13.3537
{3}-{5}	C*120	0.1*30	26.5833	10.31067	0.011027	6.1878	46.9789
{3}-{6}	C*120	0.1*60	14.9167	10.31067	0.150345	-5.4789	35.3122
{3}-{7}	C*120	0.1*120	4.8333	7.11033	0.497845	-9.2316	18.8983
{3}-{8}	C*120	0.1*180	-1.3333	10.31067	0.897305	-21.7289	19.0622
{3}-{9}	C*120	1*30	44.0000	10.31067	0.000037	23.6045	64.3955
{3}-{10}	C*120	1*60	19.7500	10.31067	0.057593	-0.6455	40.1455
{3}-{11}	C*120	1*120	-5.2500	7.11033	0.461605	-19.3149	8.8149
{3}-{12}	C*120	1*180	-6.2500	10.31067	0.545444	-26.6455	14.1455
{3}-{13}	C*120	5*30	28.7500	10.31067	0.006081	8.3545	49.1455
{3}-{14}	C*120	5*60	13.7500	10.31067	0.184641	-6.6455	34.1455
{3}-{15}	C*120	5*120	-4.7500	7.11033	0.505273	-18.8149	9.3149
{3}-{16}	C*120	5*180	-9.0833	10.31067	0.379938	-29.4789	11.3122
{3}-{17}	C*120	10*30	12.2500	10.31067	0.236931	-8.1455	32.6455
{3}-{18}	C*120	10*60	5.6667	10.31067	0.583527	-14.7289	26.0622
{3}-{19}	C*120	10*120	-17.6667	7.11033	0.014219	-31.7316	-3.6017
{3}-{20}	C*120	10*180	-14.8333	10.31067	0.152620	-35.2289	5.5622
{4}-{5}	C*180	0.1*30	32.8333	10.31067	0.001810	12.4378	53.2289
{4}-{6}	C*180	0.1*60	21.1667	10.31067	0.042059	0.7711	41.5622
{4}-{7}	C*180	0.1*120	11.0833	10.31067	0.284363	-9.3122	31.4789

{4}-{8}	C*180	0.1*180	4.9167	7.11033	0.490477	-9.1483	18.9816
{4}-{9}	C*180	1*30	50.2500	10.31067	0.000003	29.8545	70.6455
{4}-{10}	C*180	1*60	26.0000	10.31067	0.012869	5.6045	46.3955
{4}-{11}	C*180	1*120	1.0000	10.31067	0.922884	-19.3955	21.3955
{4}-{12}	C*180	1*180	-0.0000	7.11033	1.000000	-14.0649	14.0649
{4}-{13}	C*180	5*30	35.0000	10.31067	0.000908	14.6045	55.3955
{4}-{14}	C*180	5*60	20.0000	10.31067	0.054544	-0.3955	40.3955
{4}-{15}	C*180	5*120	1.5000	10.31067	0.884554	-18.8955	21.8955
{4}-{16}	C*180	5*180	-2.8333	7.11033	0.690919	-16.8983	11.2316
{4}-{17}	C*180	10*30	18.5000	10.31067	0.075061	-1.8955	38.8955
{4}-{18}	C*180	10*60	11.9167	10.31067	0.249867	-8.4789	32.3122
{4}-{19}	C*180	10*120	-11.4167	10.31067	0.270192	-31.8122	8.9789
{4}-{20}	C*180	10*180	-8.5833	7.11033	0.229527	-22.6483	5.4816
{5}-{6}	0.1*30	0.1*60	-11.6667	9.91035	0.241226	-31.2703	7.9370
{5}-{7}	0.1*30	0.1*120	-21.7500	9.91035	0.029936	-41.3537	-2.1463
{5}-{8}	0.1*30	0.1*180	-27.9167	9.91035	0.005594	-47.5203	-8.3130
{5}-{9}	0.1*30	1*30	17.4167	7.11033	0.015617	3.3517	31.4816
{5}-{10}	0.1*30	1*60	-6.8333	10.31067	0.508650	-27.2289	13.5622
{5}-{11}	0.1*30	1*120	-31.8333	10.31067	0.002461	-52.2289	-11.4378
{5}-{12}	0.1*30	1*180	-32.8333	10.31067	0.001810	-53.2289	-12.4378
{5}-{13}	0.1*30	5*30	2.1667	7.11033	0.761058	-11.8983	16.2316
{5}-{14}	0.1*30	5*60	-12.8333	10.31067	0.215460	-33.2289	7.5622
{5}-{15}	0.1*30	5*120	-31.3333	10.31067	0.002863	-51.7289	-10.9378
{5}-{16}	0.1*30	5*180	-35.6667	10.31067	0.000730	-56.0622	-15.2711
{5}-{17}	0.1*30	10*30	-14.3333	7.11033	0.045846	-28.3983	-0.2684
{5}-{18}	0.1*30	10*60	-20.9167	10.31067	0.044506	-41.3122	-0.5211

{5}-{19}	0.1*30	10*120	-44.2500	10.31067	0.000034	-64.6455	-23.8545
{5}-{20}	0.1*30	10*180	-41.4167	10.31067	0.000098	-61.8122	-21.0211
{6}-{7}	0.1*60	0.1*120	-10.0833	9.91035	0.310799	-29.6870	9.5203
{6}-{8}	0.1*60	0.1*180	-16.2500	9.91035	0.103449	-35.8537	3.3537
{6}-{9}	0.1*60	1*30	29.0833	10.31067	0.005532	8.6878	49.4789
{6}-{10}	0.1*60	1*60	4.8333	7.11033	0.497845	-9.2316	18.8983
{6}-{11}	0.1*60	1*120	-20.1667	10.31067	0.052589	-40.5622	0.2289
{6}-{12}	0.1*60	1*180	-21.1667	10.31067	0.042059	-41.5622	-0.7711
{6}-{13}	0.1*60	5*30	13.8333	10.31067	0.182012	-6.5622	34.2289
{6}-{14}	0.1*60	5*60	-1.1667	7.11033	0.869919	-15.2316	12.8983
{6}-{15}	0.1*60	5*120	-19.6667	10.31067	0.058640	-40.0622	0.7289
{6}-{16}	0.1*60	5*180	-24.0000	10.31067	0.021450	-44.3955	-3.6045
{6}-{17}	0.1*60	10*30	-2.6667	10.31067	0.796322	-23.0622	17.7289
{6}-{18}	0.1*60	10*60	-9.2500	7.11033	0.195550	-23.3149	4.8149
{6}-{19}	0.1*60	10*120	-32.5833	10.31067	0.001956	-52.9789	-12.1878
{6}-{20}	0.1*60	10*180	-29.7500	10.31067	0.004568	-50.1455	-9.3545
{7}-{8}	0.1*120	0.1*180	-6.1667	9.91035	0.534854	-25.7703	13.4370
{7}-{9}	0.1*120	1*30	39.1667	10.31067	0.000221	18.7711	59.5622
{7}-{10}	0.1*120	1*60	14.9167	10.31067	0.150345	-5.4789	35.3122
{7}-{11}	0.1*120	1*120	-10.0833	7.11033	0.158511	-24.1483	3.9816
{7}-{12}	0.1*120	1*180	-11.0833	10.31067	0.284363	-31.4789	9.3122
{7}-{13}	0.1*120	5*30	23.9167	10.31067	0.021897	3.5211	44.3122
{7}-{14}	0.1*120	5*60	8.9167	10.31067	0.388717	-11.4789	29.3122
{7}-{15}	0.1*120	5*120	-9.5833	7.11033	0.180030	-23.6483	4.4816
{7}-{16}	0.1*120	5*180	-13.9167	10.31067	0.179411	-34.3122	6.4789
{7}-{17}	0.1*120	10*30	7.4167	10.31067	0.473216	-12.9789	27.8122

{7}-{18}	0.1*120	10*60	0.8333	10.31067	0.935706	-19.5622	21.2289
{7}-{19}	0.1*120	10*120	-22.5000	7.11033	0.001929	-36.5649	-8.4351
{7}-{20}	0.1*120	10*180	-19.6667	10.31067	0.058640	-40.0622	0.7289
{8}-{9}	0.1*180	1*30	45.3333	10.31067	0.000022	24.9378	65.7289
{8}-{10}	0.1*180	1*60	21.0833	10.31067	0.042861	0.6878	41.4789
{8}-{11}	0.1*180	1*120	-3.9167	10.31067	0.704656	-24.3122	16.4789
{8}-{12}	0.1*180	1*180	-4.9167	7.11033	0.490477	-18.9816	9.1483
{8}-{13}	0.1*180	5*30	30.0833	10.31067	0.004146	9.6878	50.4789
{8}-{14}	0.1*180	5*60	15.0833	10.31067	0.145876	-5.3122	35.4789
{8}-{15}	0.1*180	5*120	-3.4167	10.31067	0.740889	-23.8122	16.9789
{8}-{16}	0.1*180	5*180	-7.7500	7.11033	0.277715	-21.8149	6.3149
{8}-{17}	0.1*180	10*30	13.5833	10.31067	0.189985	-6.8122	33.9789
{8}-{18}	0.1*180	10*60	7.0000	10.31067	0.498384	-13.3955	27.3955
{8}-{19}	0.1*180	10*120	-16.3333	10.31067	0.115559	-36.7289	4.0622
{8}-{20}	0.1*180	10*180	-13.5000	7.11033	0.059794	-27.5649	0.5649
{9}-{10}	1*30	1*60	-24.2500	9.91035	0.015723	-43.8537	-4.6463
{9}-{11}	1*30	1*120	-49.2500	9.91035	0.000002	-68.8537	-29.6463
{9}-{12}	1*30	1*180	-50.2500	9.91035	0.000001	-69.8537	-30.6463
{9}-{13}	1*30	5*30	-15.2500	7.11033	0.033803	-29.3149	-1.1851
{9}-{14}	1*30	5*60	-30.2500	10.31067	0.003949	-50.6455	-9.8545
{9}-{15}	1*30	5*120	-48.7500	10.31067	0.000006	-69.1455	-28.3545
{9}-{16}	1*30	5*180	-53.0833	10.31067	0.000001	-73.4789	-32.6878
{9}-{17}	1*30	10*30	-31.7500	7.11033	0.000017	-45.8149	-17.6851
{9}-{18}	1*30	10*60	-38.3333	10.31067	0.000296	-58.7289	-17.9378
{9}-{19}	1*30	10*120	-61.6667	10.31067	0.000000	-82.0622	-41.2711
{9}-{20}	1*30	10*180	-58.8333	10.31067	0.000000	-79.2289	-38.4378

{10}-{11}	1*60	1*120	-25.0000	9.91035	0.012836	-44.6037	-5.3963
{10}-{12}	1*60	1*180	-26.0000	9.91035	0.009727	-45.6037	-6.3963
{10}-{13}	1*60	5*30	9.0000	10.31067	0.384312	-11.3955	29.3955
{10}-{14}	1*60	5*60	-6.0000	7.11033	0.400284	-20.0649	8.0649
{10}-{15}	1*60	5*120	-24.5000	10.31067	0.018930	-44.8955	-4.1045
{10}-{16}	1*60	5*180	-28.8333	10.31067	0.005939	-49.2289	-8.4378
{10}-{17}	1*60	10*30	-7.5000	10.31067	0.468268	-27.8955	12.8955
{10}-{18}	1*60	10*60	-14.0833	7.11033	0.049705	-28.1483	-0.0184
{10}-{19}	1*60	10*120	-37.4167	10.31067	0.000406	-57.8122	-17.0211
{10}-{20}	1*60	10*180	-34.5833	10.31067	0.001040	-54.9789	-14.1878
{11}-{12}	1*120	1*180	-1.0000	9.91035	0.919779	-20.6037	18.6037
{11}-{13}	1*120	5*30	34.0000	10.31067	0.001253	13.6045	54.3955
{11}-{14}	1*120	5*60	19.0000	10.31067	0.067609	-1.3955	39.3955
{11}-{15}	1*120	5*120	0.5000	7.11033	0.944045	-13.5649	14.5649
{11}-{16}	1*120	5*180	-3.8333	10.31067	0.710650	-24.2289	16.5622
{11}-{17}	1*120	10*30	17.5000	10.31067	0.092002	-2.8955	37.8955
{11}-{18}	1*120	10*60	10.9167	10.31067	0.291636	-9.4789	31.3122
{11}-{19}	1*120	10*120	-12.4167	7.11033	0.083087	-26.4816	1.6483
{11}-{20}	1*120	10*180	-9.5833	10.31067	0.354348	-29.9789	10.8122
{12}-{13}	1*180	5*30	35.0000	10.31067	0.000908	14.6045	55.3955
{12}-{14}	1*180	5*60	20.0000	10.31067	0.054544	-0.3955	40.3955
{12}-{15}	1*180	5*120	1.5000	10.31067	0.884554	-18.8955	21.8955
{12}-{16}	1*180	5*180	-2.8333	7.11033	0.690919	-16.8983	11.2316
{12}-{17}	1*180	10*30	18.5000	10.31067	0.075061	-1.8955	38.8955
{12}-{18}	1*180	10*60	11.9167	10.31067	0.249867	-8.4789	32.3122
{12}-{19}	1*180	10*120	-11.4167	10.31067	0.270192	-31.8122	8.9789

{12}-{20}	1*180	10*180	-8.5833	7.11033	0.229527	-22.6483	5.4816
{13}-{14}	5*30	5*60	-15.0000	9.91035	0.132526	-34.6037	4.6037
{13}-{15}	5*30	5*120	-33.5000	9.91035	0.000953	-53.1037	-13.8963
{13}-{16}	5*30	5*180	-37.8333	9.91035	0.000206	-57.4370	-18.2297
{13}-{17}	5*30	10*30	-16.5000	7.11033	0.021843	-30.5649	-2.4351
{13}-{18}	5*30	10*60	-23.0833	10.31067	0.026844	-43.4789	-2.6878
{13}-{19}	5*30	10*120	-46.4167	10.31067	0.000015	-66.8122	-26.0211
{13}-{20}	5*30	10*180	-43.5833	10.31067	0.000044	-63.9789	-23.1878
{14}-{15}	5*60	5*120	-18.5000	9.91035	0.064157	-38.1037	1.1037
{14}-{16}	5*60	5*180	-22.8333	9.91035	0.022785	-42.4370	-3.2297
{14}-{17}	5*60	10*30	-1.5000	10.31067	0.884554	-21.8955	18.8955
{14}-{18}	5*60	10*60	-8.0833	7.11033	0.257663	-22.1483	5.9816
{14}-{19}	5*60	10*120	-31.4167	10.31067	0.002792	-51.8122	-11.0211
{14}-{20}	5*60	10*180	-28.5833	10.31067	0.006373	-48.9789	-8.1878
{15}-{16}	5*120	5*180	-4.3333	9.91035	0.662642	-23.9370	15.2703
{15}-{17}	5*120	10*30	17.0000	10.31067	0.101571	-3.3955	37.3955
{15}-{18}	5*120	10*60	10.4167	10.31067	0.314209	-9.9789	30.8122
{15}-{19}	5*120	10*120	-12.9167	7.11033	0.071546	-26.9816	1.1483
{15}-{20}	5*120	10*180	-10.0833	10.31067	0.329887	-30.4789	10.3122
{16}-{17}	5*180	10*30	21.3333	10.31067	0.040492	0.9378	41.7289
{16}-{18}	5*180	10*60	14.7500	10.31067	0.154920	-5.6455	35.1455
{16}-{19}	5*180	10*120	-8.5833	10.31067	0.406647	-28.9789	11.8122
{16}-{20}	5*180	10*180	-5.7500	7.11033	0.420153	-19.8149	8.3149
{17}-{18}	10*30	10*60	-6.5833	9.91035	0.507664	-26.1870	13.0203
{17}-{19}	10*30	10*120	-29.9167	9.91035	0.003048	-49.5203	-10.3130
{17}-{20}	10*30	10*180	-27.0833	9.91035	0.007140	-46.6870	-7.4797

{18}-{19}	10*60	10*120	-23.3333	9.91035	0.020025	-42.9370	-3.7297
{18}-{20}	10*60	10*180	-20.5000	9.91035	0.040541	-40.1037	-0.8963
{19}-{20}	10*120	10*180	2.8333	9.91035	0.775406	-16.7703	22.4370

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 53.890	{2} - 52.393	{3} - 68.283	{4} - 72.605	{5} - 51.280	{6} - 54.853	{7} - 62.519	{8} - 65.952	{9} - 40.715	{10} - 56.494	{11} - 65.011	{12} - 69.616	{13} - 50.439	{14} - 59.224	{15} - 66.270	{16} - 71.810	{17} - 58.308	{18} - 64.577	{19} - 70.824	{20} - 73.292
1	C	30		0.772598	0.006168	0.000420	0.527781	0.858475	0.111732	0.026876	0.001746	0.629850	0.041019	0.004140	0.404034	0.324142	0.023183	0.001144	0.285990	0.049431	0.002070	0.000449
2	C	60	0.772598		0.002575	0.000147	0.836687	0.551770	0.062448	0.013062	0.032015	0.321812	0.020708	0.001744	0.717429	0.099978	0.011125	0.000444	0.274401	0.003705	0.000833	0.000165
3	C	120	0.006168	0.002575		0.404724	0.001987	0.013937	0.164480	0.666115	0.000001	0.030451	0.428857	0.804979	0.001198	0.095109	0.626169	0.513907	0.066393	0.492868	0.538797	0.354316
4	C	180	0.000420	0.000147	0.404724		0.000123	0.001267	0.063465	0.109037	0.000000	0.003331	0.161107	0.469797	0.000068	0.014276	0.241849	0.847408	0.008954	0.138682	0.741513	0.867950
5	0.1	30	0.527781	0.836687	0.001987	0.000123		0.490761	0.031524	0.005264	0.011516	0.335085	0.011982	0.000884	0.838624	0.142844	0.006202	0.000212	0.090665	0.014886	0.000409	0.000076
6	0.1	60	0.858475	0.551770	0.013937	0.001267	0.490761		0.140588	0.033658	0.009722	0.691395	0.061642	0.007004	0.414156	0.291103	0.036006	0.002042	0.522613	0.019827	0.003608	0.000829
7	0.1	120	0.111732	0.062448	0.164480	0.063465	0.031524	0.140588		0.507824	0.000088	0.265557	0.546659	0.190114	0.026651	0.541932	0.364662	0.087022	0.435929	0.703116	0.046024	0.047647
8	0.1	180	0.026876	0.013062	0.666115	0.109037	0.005264	0.033658	0.507824		0.000007	0.081536	0.861540	0.375865	0.004658	0.214007	0.953152	0.157780	0.158367	0.798957	0.367658	0.077372
9	1	30	0.001746	0.032015	0.000001	0.000000	0.011516	0.009722	0.000088	0.000007		0.002752	0.000006	0.000000	0.019822	0.000793	0.000005	0.000000	0.000038	0.000020	0.000000	0.000000
10	1	60	0.629850	0.321812	0.030451	0.003331	0.335085	0.691395	0.265557	0.081536	0.002752		0.101900	0.012316	0.263227	0.509052	0.071932	0.005192	0.736929	0.052047	0.008802	0.002241
11	1	120	0.041019	0.020708	0.428857	0.161107	0.011982	0.061642	0.546659	0.861540	0.000006	0.101900		0.374725	0.007752	0.284834	0.760601	0.209265	0.215754	0.935996	0.160941	0.126752
12	1	180	0.004140	0.001744	0.804979	0.469797	0.000884	0.007004	0.190114	0.375865	0.000000	0.012316	0.374725		0.000519	0.055940	0.535669	0.595555	0.037768	0.351458	0.823020	0.374290
13	5	30	0.404034	0.717429	0.001198	0.000068	0.838624	0.414156	0.026651	0.004658	0.019822	0.263227	0.007752	0.000519		0.091679	0.002668	0.000063	0.058507	0.009724	0.000234	0.000042
14	5	60	0.324142	0.099978	0.095109	0.014276	0.142844	0.291103	0.541932	0.214007	0.000793	0.509052	0.284834	0.055940	0.091679		0.175310	0.016263	0.865285	0.196429	0.033168	0.010083
15	5	120	0.023183	0.011125	0.626169	0.241849	0.006202	0.036006	0.364662	0.953152	0.000005	0.071932	0.760601	0.535669	0.002668	0.175310		0.285897	0.141929	0.753963	0.271381	0.194803
16	5	180	0.001144	0.000444	0.513907	0.847408	0.000212	0.002042	0.087022	0.157780	0.000000	0.005192	0.209265	0.595555	0.000063	0.016263	0.285897		0.013440	0.181834	0.855062	0.719876
17	10	30	0.285990	0.274401	0.066393	0.008954	0.090665	0.522613	0.435929	0.158367	0.000038	0.736929	0.215754	0.037768	0.058507	0.865285	0.141929	0.013440		0.227490	0.016856	0.004400

18	10	60	0.049431	0.003705	0.492868	0.138682	0.014886	0.019827	0.703116	0.798957	0.000020	0.052047	0.935996	0.351458	0.009724	0.196429	0.753963	0.181834	0.227490		0.229174	0.094271
19	10	120	0.002070	0.000833	0.538797	0.741513	0.000409	0.003608	0.046024	0.367658	0.000000	0.008802	0.160941	0.823020	0.000234	0.033168	0.271381	0.855062	0.016856	0.229174		0.633916
20	10	180	0.000449	0.000165	0.354316	0.867950	0.000076	0.000829	0.047647	0.077372	0.000000	0.002241	0.126752	0.374290	0.000042	0.010083	0.194803	0.719876	0.004400	0.094271	0.633916	

**LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	1.4973	5.170662	0.772598	-8.7308	11.7254
{1}-{3}	C*30	C*120	-14.3923	5.170662	0.006168	-24.6204	-4.1642
{1}-{4}	C*30	C*180	-18.7144	5.170662	0.000420	-28.9425	-8.4863
{1}-{5}	C*30	0.1*30	2.6103	4.123210	0.527781	-5.5458	10.7664
{1}-{6}	C*30	0.1*60	-0.9628	5.388808	0.858475	-11.6224	9.6968
{1}-{7}	C*30	0.1*120	-8.6283	5.388808	0.111732	-19.2879	2.0313
{1}-{8}	C*30	0.1*180	-12.0619	5.388808	0.026876	-22.7215	-1.4023
{1}-{9}	C*30	1*30	13.1758	4.123210	0.001746	5.0197	21.3319
{1}-{10}	C*30	1*60	-2.6031	5.388808	0.629850	-13.2627	8.0565
{1}-{11}	C*30	1*120	-11.1201	5.388808	0.041019	-21.7797	-0.4605
{1}-{12}	C*30	1*180	-15.7255	5.388808	0.004140	-26.3851	-5.0659
{1}-{13}	C*30	5*30	3.4517	4.123210	0.404034	-4.7045	11.6078
{1}-{14}	C*30	5*60	-5.3332	5.388808	0.324142	-15.9928	5.3264
{1}-{15}	C*30	5*120	-12.3790	5.388808	0.023183	-23.0386	-1.7194
{1}-{16}	C*30	5*180	-17.9194	5.388808	0.001144	-28.5790	-7.2598
{1}-{17}	C*30	10*30	-4.4172	4.123210	0.285990	-12.5733	3.7389



{1}-{18}	C*30	10*60	-10.6866	5.388808	0.049431	-21.3462	-0.0270
{1}-{19}	C*30	10*120	-16.9332	5.388808	0.002070	-27.5928	-6.2736
{1}-{20}	C*30	10*180	-19.4013	5.388808	0.000449	-30.0609	-8.7417
{2}-{3}	C*60	C*120	-15.8896	5.170662	0.002575	-26.1176	-5.6615
{2}-{4}	C*60	C*180	-20.2117	5.170662	0.000147	-30.4398	-9.9836
{2}-{5}	C*60	0.1*30	1.1130	5.388808	0.836687	-9.5466	11.7726
{2}-{6}	C*60	0.1*60	-2.4601	4.123210	0.551770	-10.6162	5.6960
{2}-{7}	C*60	0.1*120	-10.1256	5.388808	0.062448	-20.7852	0.5340
{2}-{8}	C*60	0.1*180	-13.5591	5.388808	0.013062	-24.2187	-2.8995
{2}-{9}	C*60	1*30	11.6785	5.388808	0.032015	1.0190	22.3381
{2}-{10}	C*60	1*60	-4.1004	4.123210	0.321812	-12.2565	4.0557
{2}-{11}	C*60	1*120	-12.6174	5.388808	0.020708	-23.2770	-1.9578
{2}-{12}	C*60	1*180	-17.2228	5.388808	0.001744	-27.8824	-6.5632
{2}-{13}	C*60	5*30	1.9544	5.388808	0.717429	-8.7052	12.6140
{2}-{14}	C*60	5*60	-6.8305	4.123210	0.099978	-14.9866	1.3257
{2}-{15}	C*60	5*120	-13.8763	5.388808	0.011125	-24.5359	-3.2167
{2}-{16}	C*60	5*180	-19.4167	5.388808	0.000444	-30.0763	-8.7571
{2}-{17}	C*60	10*30	-5.9145	5.388808	0.274401	-16.5741	4.7451
{2}-{18}	C*60	10*60	-12.1839	4.123210	0.003705	-20.3400	-4.0277
{2}-{19}	C*60	10*120	-18.4305	5.388808	0.000833	-29.0901	-7.7709
{2}-{20}	C*60	10*180	-20.8986	5.388808	0.000165	-31.5582	-10.2390
{3}-{4}	C*120	C*180	-4.3221	5.170662	0.404724	-14.5502	5.9059
{3}-{5}	C*120	0.1*30	17.0026	5.388808	0.001987	6.3430	27.6622
{3}-{6}	C*120	0.1*60	13.4295	5.388808	0.013937	2.7699	24.0891
{3}-{7}	C*120	0.1*120	5.7639	4.123210	0.164480	-2.3922	13.9201
{3}-{8}	C*120	0.1*180	2.3304	5.388808	0.666115	-8.3292	12.9900

{3}-{9}	C*120	1*30	27.5681	5.388808	0.000001	16.9085	38.2277
{3}-{10}	C*120	1*60	11.7891	5.388808	0.030451	1.1295	22.4487
{3}-{11}	C*120	1*120	3.2721	4.123210	0.428857	-4.8840	11.4283
{3}-{12}	C*120	1*180	-1.3332	5.388808	0.804979	-11.9928	9.3264
{3}-{13}	C*120	5*30	17.8439	5.388808	0.001198	7.1843	28.5035
{3}-{14}	C*120	5*60	9.0591	5.388808	0.095109	-1.6005	19.7187
{3}-{15}	C*120	5*120	2.0132	4.123210	0.626169	-6.1429	10.1694
{3}-{16}	C*120	5*180	-3.5272	5.388808	0.513907	-14.1868	7.1324
{3}-{17}	C*120	10*30	9.9751	5.388808	0.066393	-0.6845	20.6347
{3}-{18}	C*120	10*60	3.7057	5.388808	0.492868	-6.9539	14.3653
{3}-{19}	C*120	10*120	-2.5409	4.123210	0.538797	-10.6970	5.6152
{3}-{20}	C*120	10*180	-5.0090	5.388808	0.354316	-15.6686	5.6506
{4}-{5}	C*180	0.1*30	21.3247	5.388808	0.000123	10.6651	31.9843
{4}-{6}	C*180	0.1*60	17.7516	5.388808	0.001267	7.0920	28.4112
{4}-{7}	C*180	0.1*120	10.0861	5.388808	0.063465	-0.5735	20.7457
{4}-{8}	C*180	0.1*180	6.6526	4.123210	0.109037	-1.5036	14.8087
{4}-{9}	C*180	1*30	31.8902	5.388808	0.000000	21.2307	42.5498
{4}-{10}	C*180	1*60	16.1113	5.388808	0.003331	5.4517	26.7709
{4}-{11}	C*180	1*120	7.5943	5.388808	0.161107	-3.0653	18.2539
{4}-{12}	C*180	1*180	2.9889	4.123210	0.469797	-5.1672	11.1450
{4}-{13}	C*180	5*30	22.1661	5.388808	0.000068	11.5065	32.8257
{4}-{14}	C*180	5*60	13.3812	5.388808	0.014276	2.7216	24.0408
{4}-{15}	C*180	5*120	6.3354	5.388808	0.241849	-4.3242	16.9950
{4}-{16}	C*180	5*180	0.7950	4.123210	0.847408	-7.3611	8.9511
{4}-{17}	C*180	10*30	14.2972	5.388808	0.008954	3.6376	24.9568
{4}-{18}	C*180	10*60	8.0278	5.388808	0.138682	-2.6317	18.6874

{4}-{19}	C*180	10*120	1.7812	5.388808	0.741513	-8.8784	12.4408
{4}-{20}	C*180	10*180	-0.6869	4.123210	0.867950	-8.8430	7.4692
{5}-{6}	0.1*30	0.1*60	-3.5731	5.170662	0.490761	-13.8012	6.6550
{5}-{7}	0.1*30	0.1*120	-11.2386	5.170662	0.031524	-21.4667	-1.0106
{5}-{8}	0.1*30	0.1*180	-14.6721	5.170662	0.005264	-24.9002	-4.4441
{5}-{9}	0.1*30	1*30	10.5655	4.123210	0.011516	2.4094	18.7217
{5}-{10}	0.1*30	1*60	-5.2134	5.388808	0.335085	-15.8730	5.4462
{5}-{11}	0.1*30	1*120	-13.7304	5.388808	0.011982	-24.3900	-3.0708
{5}-{12}	0.1*30	1*180	-18.3358	5.388808	0.000884	-28.9954	-7.6762
{5}-{13}	0.1*30	5*30	0.8414	4.123210	0.838624	-7.3148	8.9975
{5}-{14}	0.1*30	5*60	-7.9435	5.388808	0.142844	-18.6031	2.7161
{5}-{15}	0.1*30	5*120	-14.9893	5.388808	0.006202	-25.6489	-4.3297
{5}-{16}	0.1*30	5*180	-20.5297	5.388808	0.000212	-31.1893	-9.8701
{5}-{17}	0.1*30	10*30	-7.0275	4.123210	0.090665	-15.1836	1.1286
{5}-{18}	0.1*30	10*60	-13.2969	5.388808	0.014886	-23.9565	-2.6373
{5}-{19}	0.1*30	10*120	-19.5435	5.388808	0.000409	-30.2031	-8.8839
{5}-{20}	0.1*30	10*180	-22.0116	5.388808	0.000076	-32.6712	-11.3520
{6}-{7}	0.1*60	0.1*120	-7.6656	5.170662	0.140588	-17.8936	2.5625
{6}-{8}	0.1*60	0.1*180	-11.0991	5.170662	0.033658	-21.3272	-0.8710
{6}-{9}	0.1*60	1*30	14.1386	5.388808	0.009722	3.4790	24.7982
{6}-{10}	0.1*60	1*60	-1.6404	4.123210	0.691395	-9.7965	6.5158
{6}-{11}	0.1*60	1*120	-10.1573	5.388808	0.061642	-20.8169	0.5022
{6}-{12}	0.1*60	1*180	-14.7627	5.388808	0.007004	-25.4223	-4.1031
{6}-{13}	0.1*60	5*30	4.4144	5.388808	0.414156	-6.2452	15.0740
{6}-{14}	0.1*60	5*60	-4.3704	4.123210	0.291103	-12.5265	3.7857
{6}-{15}	0.1*60	5*120	-11.4163	5.388808	0.036006	-22.0759	-0.7567

{6}-{16}	0.1*60	5*180	-16.9567	5.388808	0.002042	-27.6163	-6.2971
{6}-{17}	0.1*60	10*30	-3.4544	5.388808	0.522613	-14.1140	7.2052
{6}-{18}	0.1*60	10*60	-9.7238	4.123210	0.019827	-17.8799	-1.5677
{6}-{19}	0.1*60	10*120	-15.9704	5.388808	0.003608	-26.6300	-5.3108
{6}-{20}	0.1*60	10*180	-18.4385	5.388808	0.000829	-29.0981	-7.7789
{7}-{8}	0.1*120	0.1*180	-3.4335	5.170662	0.507824	-13.6616	6.7946
{7}-{9}	0.1*120	1*30	21.8042	5.388808	0.000088	11.1446	32.4638
{7}-{10}	0.1*120	1*60	6.0252	5.388808	0.265557	-4.6344	16.6848
{7}-{11}	0.1*120	1*120	-2.4918	4.123210	0.546659	-10.6479	5.6643
{7}-{12}	0.1*120	1*180	-7.0972	5.388808	0.190114	-17.7568	3.5624
{7}-{13}	0.1*120	5*30	12.0800	5.388808	0.026651	1.4204	22.7396
{7}-{14}	0.1*120	5*60	3.2952	5.388808	0.541932	-7.3644	13.9548
{7}-{15}	0.1*120	5*120	-3.7507	4.123210	0.364662	-11.9068	4.4054
{7}-{16}	0.1*120	5*180	-9.2911	5.388808	0.087022	-19.9507	1.3685
{7}-{17}	0.1*120	10*30	4.2112	5.388808	0.435929	-6.4484	14.8708
{7}-{18}	0.1*120	10*60	-2.0582	5.388808	0.703116	-12.7178	8.6014
{7}-{19}	0.1*120	10*120	-8.3048	4.123210	0.046024	-16.4610	-0.1487
{7}-{20}	0.1*120	10*180	-10.7730	5.388808	0.047647	-21.4325	-0.1134
{8}-{9}	0.1*180	1*30	25.2377	5.388808	0.000007	14.5781	35.8973
{8}-{10}	0.1*180	1*60	9.4587	5.388808	0.081536	-1.2009	20.1183
{8}-{11}	0.1*180	1*120	0.9417	5.388808	0.861540	-9.7179	11.6013
{8}-{12}	0.1*180	1*180	-3.6636	4.123210	0.375865	-11.8198	4.4925
{8}-{13}	0.1*180	5*30	15.5135	5.388808	0.004658	4.8539	26.1731
{8}-{14}	0.1*180	5*60	6.7287	5.388808	0.214007	-3.9309	17.3883
{8}-{15}	0.1*180	5*120	-0.3172	5.388808	0.953152	-10.9768	10.3424
{8}-{16}	0.1*180	5*180	-5.8576	4.123210	0.157780	-14.0137	2.2985

{8}-{17}	0.1*180	10*30	7.6447	5.388808	0.158367	-3.0149	18.3043
{8}-{18}	0.1*180	10*60	1.3753	5.388808	0.798957	-9.2843	12.0349
{8}-{19}	0.1*180	10*120	-4.8713	5.388808	0.367658	-15.5309	5.7883
{8}-{20}	0.1*180	10*180	-7.3394	4.123210	0.077372	-15.4956	0.8167
{9}-{10}	1*30	1*60	-15.7790	5.170662	0.002752	-26.0070	-5.5509
{9}-{11}	1*30	1*120	-24.2960	5.170662	0.000006	-34.5240	-14.0679
{9}-{12}	1*30	1*180	-28.9013	5.170662	0.000000	-39.1294	-18.6733
{9}-{13}	1*30	5*30	-9.7242	4.123210	0.019822	-17.8803	-1.5681
{9}-{14}	1*30	5*60	-18.5090	5.388808	0.000793	-29.1686	-7.8494
{9}-{15}	1*30	5*120	-25.5549	5.388808	0.000005	-36.2145	-14.8953
{9}-{16}	1*30	5*180	-31.0953	5.388808	0.000000	-41.7549	-20.4357
{9}-{17}	1*30	10*30	-17.5930	4.123210	0.000038	-25.7491	-9.4369
{9}-{18}	1*30	10*60	-23.8624	5.388808	0.000020	-34.5220	-13.2028
{9}-{19}	1*30	10*120	-30.1090	5.388808	0.000000	-40.7686	-19.4494
{9}-{20}	1*30	10*180	-32.5771	5.388808	0.000000	-43.2367	-21.9175
{10}-{11}	1*60	1*120	-8.5170	5.170662	0.101900	-18.7451	1.7111
{10}-{12}	1*60	1*180	-13.1224	5.170662	0.012316	-23.3504	-2.8943
{10}-{13}	1*60	5*30	6.0548	5.388808	0.263227	-4.6048	16.7144
{10}-{14}	1*60	5*60	-2.7300	4.123210	0.509052	-10.8862	5.4261
{10}-{15}	1*60	5*120	-9.7759	5.388808	0.071932	-20.4355	0.8837
{10}-{16}	1*60	5*180	-15.3163	5.388808	0.005192	-25.9759	-4.6567
{10}-{17}	1*60	10*30	-1.8140	5.388808	0.736929	-12.4736	8.8456
{10}-{18}	1*60	10*60	-8.0834	4.123210	0.052047	-16.2395	0.0727
{10}-{19}	1*60	10*120	-14.3300	5.388808	0.008802	-24.9896	-3.6704
{10}-{20}	1*60	10*180	-16.7982	5.388808	0.002241	-27.4577	-6.1386
{11}-{12}	1*120	1*180	-4.6054	5.170662	0.374725	-14.8335	5.6227

{11}-{13}	1*120	5*30	14.5718	5.388808	0.007752	3.9122	25.2314
{11}-{14}	1*120	5*60	5.7870	5.388808	0.284834	-4.8726	16.4465
{11}-{15}	1*120	5*120	-1.2589	4.123210	0.760601	-9.4150	6.8972
{11}-{16}	1*120	5*180	-6.7993	5.388808	0.209265	-17.4589	3.8603
{11}-{17}	1*120	10*30	6.7029	5.388808	0.215754	-3.9566	17.3625
{11}-{18}	1*120	10*60	0.4336	5.388808	0.935996	-10.2260	11.0932
{11}-{19}	1*120	10*120	-5.8130	4.123210	0.160941	-13.9692	2.3431
{11}-{20}	1*120	10*180	-8.2812	5.388808	0.126752	-18.9408	2.3784
{12}-{13}	1*180	5*30	19.1772	5.388808	0.000519	8.5176	29.8368
{12}-{14}	1*180	5*60	10.3923	5.388808	0.055940	-0.2673	21.0519
{12}-{15}	1*180	5*120	3.3465	5.388808	0.535669	-7.3131	14.0061
{12}-{16}	1*180	5*180	-2.1939	4.123210	0.595555	-10.3501	5.9622
{12}-{17}	1*180	10*30	11.3083	5.388808	0.037768	0.6487	21.9679
{12}-{18}	1*180	10*60	5.0389	5.388808	0.351458	-5.6207	15.6985
{12}-{19}	1*180	10*120	-1.2077	5.388808	0.823020	-11.8673	9.4519
{12}-{20}	1*180	10*180	-3.6758	4.123210	0.374290	-11.8319	4.4803
{13}-{14}	5*30	5*60	-8.7848	5.170662	0.091679	-19.0129	1.4432
{13}-{15}	5*30	5*120	-15.8307	5.170662	0.002668	-26.0588	-5.6026
{13}-{16}	5*30	5*180	-21.3711	5.170662	0.000063	-31.5992	-11.1430
{13}-{17}	5*30	10*30	-7.8688	4.123210	0.058507	-16.0250	0.2873
{13}-{18}	5*30	10*60	-14.1382	5.388808	0.009724	-24.7978	-3.4786
{13}-{19}	5*30	10*120	-20.3848	5.388808	0.000234	-31.0444	-9.7252
{13}-{20}	5*30	10*180	-22.8529	5.388808	0.000042	-33.5125	-12.1934
{14}-{15}	5*60	5*120	-7.0459	5.170662	0.175310	-17.2739	3.1822
{14}-{16}	5*60	5*180	-12.5863	5.170662	0.016263	-22.8143	-2.3582
{14}-{17}	5*60	10*30	0.9160	5.388808	0.865285	-9.7436	11.5756

{14}-{18}	5*60	10*60	-5.3534	4.123210	0.196429	-13.5095	2.8027
{14}-{19}	5*60	10*120	-11.6000	5.388808	0.033168	-22.2596	-0.9404
{14}-{20}	5*60	10*180	-14.0681	5.388808	0.010083	-24.7277	-3.4085
{15}-{16}	5*120	5*180	-5.5404	5.170662	0.285897	-15.7685	4.6877
{15}-{17}	5*120	10*30	7.9619	5.388808	0.141929	-2.6977	18.6215
{15}-{18}	5*120	10*60	1.6925	5.388808	0.753963	-8.9671	12.3521
{15}-{19}	5*120	10*120	-4.5541	4.123210	0.271381	-12.7103	3.6020
{15}-{20}	5*120	10*180	-7.0222	5.388808	0.194803	-17.6818	3.6373
{16}-{17}	5*180	10*30	13.5023	5.388808	0.013440	2.8427	24.1619
{16}-{18}	5*180	10*60	7.2329	5.388808	0.181834	-3.4267	17.8925
{16}-{19}	5*180	10*120	0.9863	5.388808	0.855062	-9.6733	11.6459
{16}-{20}	5*180	10*180	-1.4818	4.123210	0.719876	-9.6380	6.6743
{17}-{18}	10*30	10*60	-6.2694	5.170662	0.227490	-16.4975	3.9587
{17}-{19}	10*30	10*120	-12.5160	5.170662	0.016856	-22.7441	-2.2879
{17}-{20}	10*30	10*180	-14.9841	5.170662	0.004400	-25.2122	-4.7560
{18}-{19}	10*60	10*120	-6.2466	5.170662	0.229174	-16.4747	3.9815
{18}-{20}	10*60	10*180	-8.7147	5.170662	0.094271	-18.9428	1.5134
{19}-{20}	10*120	10*180	-2.4681	5.170662	0.633916	-12.6962	7.7600

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 77.000	{2} - 67.917	{3} - 64.417	{4} - 67.583	{5} - 79.583	{6} - 73.167	{7} - 62.167	{8} - 59.583	{9} - 80.000	{10} - 67.167	{11} - 65.917	{12} - 53.500	{13} - 64.917	{14} - 71.667	{15} - 62.167	{16} - 55.805	{17} - 62.667	{18} - 65.917	{19} - 59.167	{20} - 48.083
1	C	30		0.099413	0.023094	0.087727	0.524619	0.489402	0.008251	0.002026	0.460112	0.077683	0.047100	0.000040	0.003395	0.336586	0.008251	0.000239	0.000555	0.047100	0.001591	0.000001
2	C	60	0.099413		0.523661	0.951533	0.036779	0.197088	0.300338	0.134221	0.030657	0.853349	0.718176	0.010190	0.588385	0.356118	0.300338	0.032680	0.344164	0.622205	0.115984	0.000472

3	C	120	0.023094	0.523661		0.563899	0.006947	0.115984	0.579408	0.383688	0.005581	0.619807	0.711665	0.050468	0.928092	0.192124	0.579408	0.127185	0.752151	0.786620	0.197088	0.003723
4	C	180	0.087727	0.951533	0.563899		0.031806	0.314509	0.329117	0.050303	0.026417	0.940052	0.763589	0.000686	0.630443	0.461577	0.329117	0.005351	0.375566	0.763589	0.130404	0.000004
5	0.1	30	0.524619	0.036779	0.006947	0.031806		0.243210	0.001827	0.000372	0.918203	0.026417	0.014739	0.000006	0.000417	0.154628	0.002026	0.000042	0.000053	0.014739	0.000325	0.000000
6	0.1	60	0.489402	0.197088	0.115984	0.314509	0.243210		0.046524	0.014346	0.218770	0.140823	0.192124	0.000524	0.138125	0.711665	0.048759	0.002409	0.059789	0.075702	0.012531	0.000013
7	0.1	120	0.008251	0.300338	0.579408	0.329117	0.001827	0.046524		0.637741	0.001591	0.367553	0.356118	0.119464	0.619807	0.088165	1.000000	0.258871	0.928092	0.498876	0.460112	0.012028
8	0.1	180	0.002026	0.134221	0.383688	0.050303	0.000372	0.014346	0.637741		0.000325	0.172607	0.254168	0.135433	0.336586	0.030657	0.641157	0.365217	0.578079	0.254168	0.940052	0.005234
9	1	30	0.460112	0.030657	0.005581	0.026417	0.918203	0.218770	0.001591	0.000325		0.020552	0.011198	0.000004	0.000289	0.134221	0.001591	0.000031	0.000036	0.012028	0.000248	0.000000
10	1	60	0.077683	0.853349	0.619807	0.940052	0.026417	0.140823	0.367553	0.172607	0.020552		0.819717	0.013772	0.684755	0.268487	0.367553	0.044877	0.417251	0.758050	0.150367	0.000752
11	1	120	0.047100	0.718176	0.711665	0.763589	0.014739	0.192124	0.356118	0.254168	0.011198	0.819717		0.024938	0.856774	0.300338	0.356118	0.073780	0.557728	1.000000	0.097922	0.001591
12	1	180	0.000040	0.010190	0.050468	0.000686	0.000006	0.000524	0.119464	0.135433	0.000004	0.013772	0.024938		0.040936	0.001307	0.119464	0.580375	0.099773	0.026417	0.307368	0.183331
13	5	30	0.003395	0.588385	0.928092	0.630443	0.000417	0.138125	0.619807	0.336586	0.000289	0.684755	0.856774	0.040936		0.219715	0.616224	0.103332	0.579408	0.856774	0.300338	0.002821
14	5	60	0.336586	0.356118	0.192124	0.461577	0.154628	0.711665	0.088165	0.030657	0.134221	0.268487	0.300338	0.001307	0.219715		0.084987	0.004998	0.106024	0.157995	0.025441	0.000038
15	5	120	0.008251	0.300338	0.579408	0.329117	0.002026	0.048759	1.000000	0.641157	0.001591	0.367553	0.356118	0.119464	0.616224	0.084987		0.254179	0.928092	0.498876	0.460112	0.012028
16	5	180	0.000239	0.032680	0.127185	0.005351	0.000042	0.002409	0.258871	0.365217	0.000031	0.044877	0.073780	0.580375	0.103332	0.004998	0.254179		0.223484	0.073780	0.550042	0.065593
17	10	30	0.000555	0.344164	0.752151	0.375566	0.000053	0.059789	0.928092	0.578079	0.000036	0.417251	0.557728	0.099773	0.579408	0.106024	0.928092	0.223484		0.553700	0.523661	0.008685
18	10	60	0.047100	0.622205	0.786620	0.763589	0.014739	0.075702	0.498876	0.254168	0.012028	0.758050	1.000000	0.026417	0.856774	0.157995	0.498876	0.073780	0.553700		0.219715	0.001429
19	10	120	0.001591	0.115984	0.197088	0.130404	0.000325	0.012531	0.460112	0.940052	0.000248	0.150367	0.097922	0.307368	0.300338	0.025441	0.460112	0.550042	0.523661	0.219715		0.044914
20	10	180	0.000001	0.000472	0.003723	0.000004	0.000000	0.000013	0.012028	0.005234	0.000000	0.000752	0.001591	0.183331	0.002821	0.000038	0.012028	0.065593	0.008685	0.001429	0.044914	

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Viability-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Simultaneous confidence intervals							
Effect: Concentration*Time Point							
Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	9.0833	5.473634	0.099413	-1.7448	19.91149



{1}-{3}	C*30	C*120	12.5833	5.473634	0.023094	1.7552	23.41149
{1}-{4}	C*30	C*180	9.4167	5.473634	0.087727	-1.4115	20.24482
{1}-{5}	C*30	0.1*30	-2.5833	4.049417	0.524619	-10.5940	5.42738
{1}-{6}	C*30	0.1*60	3.8333	5.529789	0.489402	-7.1059	14.77258
{1}-{7}	C*30	0.1*120	14.8333	5.529789	0.008251	3.8941	25.77258
{1}-{8}	C*30	0.1*180	17.4167	5.529789	0.002026	6.4774	28.35591
{1}-{9}	C*30	1*30	-3.0000	4.049417	0.460112	-11.0107	5.01071
{1}-{10}	C*30	1*60	9.8333	5.529789	0.077683	-1.1059	20.77258
{1}-{11}	C*30	1*120	11.0833	5.529789	0.047100	0.1441	22.02258
{1}-{12}	C*30	1*180	23.5000	5.529789	0.000040	12.5608	34.43924
{1}-{13}	C*30	5*30	12.0833	4.049417	0.003395	4.0726	20.09405
{1}-{14}	C*30	5*60	5.3333	5.529789	0.336586	-5.6059	16.27258
{1}-{15}	C*30	5*120	14.8333	5.529789	0.008251	3.8941	25.77258
{1}-{16}	C*30	5*180	21.1952	5.610213	0.000239	10.0969	32.29359
{1}-{17}	C*30	10*30	14.3333	4.049417	0.000555	6.3226	22.34405
{1}-{18}	C*30	10*60	11.0833	5.529789	0.047100	0.1441	22.02258
{1}-{19}	C*30	10*120	17.8333	5.529789	0.001591	6.8941	28.77258
{1}-{20}	C*30	10*180	28.9167	5.529789	0.000001	17.9774	39.85591
{2}-{3}	C*60	C*120	3.5000	5.473634	0.523661	-7.3282	14.32815
{2}-{4}	C*60	C*180	0.3333	5.473634	0.951533	-10.4948	11.16149
{2}-{5}	C*60	0.1*30	-11.6667	5.529789	0.036779	-22.6059	-0.72742
{2}-{6}	C*60	0.1*60	-5.2500	4.049417	0.197088	-13.2607	2.76071
{2}-{7}	C*60	0.1*120	5.7500	5.529789	0.300338	-5.1892	16.68924
{2}-{8}	C*60	0.1*180	8.3333	5.529789	0.134221	-2.6059	19.27258
{2}-{9}	C*60	1*30	-12.0833	5.529789	0.030657	-23.0226	-1.14409
{2}-{10}	C*60	1*60	0.7500	4.049417	0.853349	-7.2607	8.76071

{2}-{11}	C*60	1*120	2.0000	5.529789	0.718176	-8.9392	12.93924
{2}-{12}	C*60	1*180	14.4167	5.529789	0.010190	3.4774	25.35591
{2}-{13}	C*60	5*30	3.0000	5.529789	0.588385	-7.9392	13.93924
{2}-{14}	C*60	5*60	-3.7500	4.049417	0.356118	-11.7607	4.26071
{2}-{15}	C*60	5*120	5.7500	5.529789	0.300338	-5.1892	16.68924
{2}-{16}	C*60	5*180	12.1119	5.610213	0.032680	1.0136	23.21025
{2}-{17}	C*60	10*30	5.2500	5.529789	0.344164	-5.6892	16.18924
{2}-{18}	C*60	10*60	2.0000	4.049417	0.622205	-6.0107	10.01071
{2}-{19}	C*60	10*120	8.7500	5.529789	0.115984	-2.1892	19.68924
{2}-{20}	C*60	10*180	19.8333	5.529789	0.000472	8.8941	30.77258
{3}-{4}	C*120	C*180	-3.1667	5.473634	0.563899	-13.9948	7.66149
{3}-{5}	C*120	0.1*30	-15.1667	5.529789	0.006947	-26.1059	-4.22742
{3}-{6}	C*120	0.1*60	-8.7500	5.529789	0.115984	-19.6892	2.18924
{3}-{7}	C*120	0.1*120	2.2500	4.049417	0.579408	-5.7607	10.26071
{3}-{8}	C*120	0.1*180	4.8333	5.529789	0.383688	-6.1059	15.77258
{3}-{9}	C*120	1*30	-15.5833	5.529789	0.005581	-26.5226	-4.64409
{3}-{10}	C*120	1*60	-2.7500	5.529789	0.619807	-13.6892	8.18924
{3}-{11}	C*120	1*120	-1.5000	4.049417	0.711665	-9.5107	6.51071
{3}-{12}	C*120	1*180	10.9167	5.529789	0.050468	-0.0226	21.85591
{3}-{13}	C*120	5*30	-0.5000	5.529789	0.928092	-11.4392	10.43924
{3}-{14}	C*120	5*60	-7.2500	5.529789	0.192124	-18.1892	3.68924
{3}-{15}	C*120	5*120	2.2500	4.049417	0.579408	-5.7607	10.26071
{3}-{16}	C*120	5*180	8.6119	5.610213	0.127185	-2.4864	19.71025
{3}-{17}	C*120	10*30	1.7500	5.529789	0.752151	-9.1892	12.68924
{3}-{18}	C*120	10*60	-1.5000	5.529789	0.786620	-12.4392	9.43924
{3}-{19}	C*120	10*120	5.2500	4.049417	0.197088	-2.7607	13.26071

{3}-{20}	C*120	10*180	16.3333	5.529789	0.003723	5.3941	27.27258
{4}-{5}	C*180	0.1*30	-12.0000	5.529789	0.031806	-22.9392	-1.06076
{4}-{6}	C*180	0.1*60	-5.5833	5.529789	0.314509	-16.5226	5.35591
{4}-{7}	C*180	0.1*120	5.4167	5.529789	0.329117	-5.5226	16.35591
{4}-{8}	C*180	0.1*180	8.0000	4.049417	0.050303	-0.0107	16.01071
{4}-{9}	C*180	1*30	-12.4167	5.529789	0.026417	-23.3559	-1.47742
{4}-{10}	C*180	1*60	0.4167	5.529789	0.940052	-10.5226	11.35591
{4}-{11}	C*180	1*120	1.6667	5.529789	0.763589	-9.2726	12.60591
{4}-{12}	C*180	1*180	14.0833	4.049417	0.000686	6.0726	22.09405
{4}-{13}	C*180	5*30	2.6667	5.529789	0.630443	-8.2726	13.60591
{4}-{14}	C*180	5*60	-4.0833	5.529789	0.461577	-15.0226	6.85591
{4}-{15}	C*180	5*120	5.4167	5.529789	0.329117	-5.5226	16.35591
{4}-{16}	C*180	5*180	11.7786	4.158570	0.005351	3.5519	20.00522
{4}-{17}	C*180	10*30	4.9167	5.529789	0.375566	-6.0226	15.85591
{4}-{18}	C*180	10*60	1.6667	5.529789	0.763589	-9.2726	12.60591
{4}-{19}	C*180	10*120	8.4167	5.529789	0.130404	-2.5226	19.35591
{4}-{20}	C*180	10*180	19.5000	4.049417	0.000004	11.4893	27.51071
{5}-{6}	0.1*30	0.1*60	6.4167	5.473634	0.243210	-4.4115	17.24482
{5}-{7}	0.1*30	0.1*120	17.4167	5.473634	0.001827	6.5885	28.24482
{5}-{8}	0.1*30	0.1*180	20.0000	5.473634	0.000372	9.1718	30.82815
{5}-{9}	0.1*30	1*30	-0.4167	4.049417	0.918203	-8.4274	7.59405
{5}-{10}	0.1*30	1*60	12.4167	5.529789	0.026417	1.4774	23.35591
{5}-{11}	0.1*30	1*120	13.6667	5.529789	0.014739	2.7274	24.60591
{5}-{12}	0.1*30	1*180	26.0833	5.529789	0.000006	15.1441	37.02258
{5}-{13}	0.1*30	5*30	14.6667	4.049417	0.000417	6.6560	22.67738
{5}-{14}	0.1*30	5*60	7.9167	5.529789	0.154628	-3.0226	18.85591

{5}-{15}	0.1*30	5*120	17.4167	5.529789	0.002026	6.4774	28.35591
{5}-{16}	0.1*30	5*180	23.7786	5.610213	0.000042	12.6802	34.87692
{5}-{17}	0.1*30	10*30	16.9167	4.049417	0.000053	8.9060	24.92738
{5}-{18}	0.1*30	10*60	13.6667	5.529789	0.014739	2.7274	24.60591
{5}-{19}	0.1*30	10*120	20.4167	5.529789	0.000325	9.4774	31.35591
{5}-{20}	0.1*30	10*180	31.5000	5.529789	0.000000	20.5608	42.43924
{6}-{7}	0.1*60	0.1*120	11.0000	5.473634	0.046524	0.1718	21.82815
{6}-{8}	0.1*60	0.1*180	13.5833	5.473634	0.014346	2.7552	24.41149
{6}-{9}	0.1*60	1*30	-6.8333	5.529789	0.218770	-17.7726	4.10591
{6}-{10}	0.1*60	1*60	6.0000	4.049417	0.140823	-2.0107	14.01071
{6}-{11}	0.1*60	1*120	7.2500	5.529789	0.192124	-3.6892	18.18924
{6}-{12}	0.1*60	1*180	19.6667	5.529789	0.000524	8.7274	30.60591
{6}-{13}	0.1*60	5*30	8.2500	5.529789	0.138125	-2.6892	19.18924
{6}-{14}	0.1*60	5*60	1.5000	4.049417	0.711665	-6.5107	9.51071
{6}-{15}	0.1*60	5*120	11.0000	5.529789	0.048759	0.0608	21.93924
{6}-{16}	0.1*60	5*180	17.3619	5.610213	0.002409	6.2636	28.46025
{6}-{17}	0.1*60	10*30	10.5000	5.529789	0.059789	-0.4392	21.43924
{6}-{18}	0.1*60	10*60	7.2500	4.049417	0.075702	-0.7607	15.26071
{6}-{19}	0.1*60	10*120	14.0000	5.529789	0.012531	3.0608	24.93924
{6}-{20}	0.1*60	10*180	25.0833	5.529789	0.000013	14.1441	36.02258
{7}-{8}	0.1*120	0.1*180	2.5833	5.473634	0.637741	-8.2448	13.41149
{7}-{9}	0.1*120	1*30	-17.8333	5.529789	0.001591	-28.7726	-6.89409
{7}-{10}	0.1*120	1*60	-5.0000	5.529789	0.367553	-15.9392	5.93924
{7}-{11}	0.1*120	1*120	-3.7500	4.049417	0.356118	-11.7607	4.26071
{7}-{12}	0.1*120	1*180	8.6667	5.529789	0.119464	-2.2726	19.60591
{7}-{13}	0.1*120	5*30	-2.7500	5.529789	0.619807	-13.6892	8.18924

{7}-{14}	0.1*120	5*60	-9.5000	5.529789	0.088165	-20.4392	1.43924
{7}-{15}	0.1*120	5*120	0.0000	4.049417	1.000000	-8.0107	8.01071
{7}-{16}	0.1*120	5*180	6.3619	5.610213	0.258871	-4.7364	17.46025
{7}-{17}	0.1*120	10*30	-0.5000	5.529789	0.928092	-11.4392	10.43924
{7}-{18}	0.1*120	10*60	-3.7500	5.529789	0.498876	-14.6892	7.18924
{7}-{19}	0.1*120	10*120	3.0000	4.049417	0.460112	-5.0107	11.01071
{7}-{20}	0.1*120	10*180	14.0833	5.529789	0.012028	3.1441	25.02258
{8}-{9}	0.1*180	1*30	-20.4167	5.529789	0.000325	-31.3559	-9.47742
{8}-{10}	0.1*180	1*60	-7.5833	5.529789	0.172607	-18.5226	3.35591
{8}-{11}	0.1*180	1*120	-6.3333	5.529789	0.254168	-17.2726	4.60591
{8}-{12}	0.1*180	1*180	6.0833	4.049417	0.135433	-1.9274	14.09405
{8}-{13}	0.1*180	5*30	-5.3333	5.529789	0.336586	-16.2726	5.60591
{8}-{14}	0.1*180	5*60	-12.0833	5.529789	0.030657	-23.0226	-1.14409
{8}-{15}	0.1*180	5*120	-2.5833	5.529789	0.641157	-13.5226	8.35591
{8}-{16}	0.1*180	5*180	3.7786	4.158570	0.365217	-4.4481	12.00522
{8}-{17}	0.1*180	10*30	-3.0833	5.529789	0.578079	-14.0226	7.85591
{8}-{18}	0.1*180	10*60	-6.3333	5.529789	0.254168	-17.2726	4.60591
{8}-{19}	0.1*180	10*120	0.4167	5.529789	0.940052	-10.5226	11.35591
{8}-{20}	0.1*180	10*180	11.5000	4.049417	0.005234	3.4893	19.51071
{9}-{10}	1*30	1*60	12.8333	5.473634	0.020552	2.0052	23.66149
{9}-{11}	1*30	1*120	14.0833	5.473634	0.011198	3.2552	24.91149
{9}-{12}	1*30	1*180	26.5000	5.473634	0.000004	15.6718	37.32815
{9}-{13}	1*30	5*30	15.0833	4.049417	0.000289	7.0726	23.09405
{9}-{14}	1*30	5*60	8.3333	5.529789	0.134221	-2.6059	19.27258
{9}-{15}	1*30	5*120	17.8333	5.529789	0.001591	6.8941	28.77258
{9}-{16}	1*30	5*180	24.1952	5.610213	0.000031	13.0969	35.29359

{9}-{17}	1*30	10*30	17.3333	4.049417	0.000036	9.3226	25.34405
{9}-{18}	1*30	10*60	14.0833	5.529789	0.012028	3.1441	25.02258
{9}-{19}	1*30	10*120	20.8333	5.529789	0.000248	9.8941	31.77258
{9}-{20}	1*30	10*180	31.9167	5.529789	0.000000	20.9774	42.85591
{10}-{11}	1*60	1*120	1.2500	5.473634	0.819717	-9.5782	12.07815
{10}-{12}	1*60	1*180	13.6667	5.473634	0.013772	2.8385	24.49482
{10}-{13}	1*60	5*30	2.2500	5.529789	0.684755	-8.6892	13.18924
{10}-{14}	1*60	5*60	-4.5000	4.049417	0.268487	-12.5107	3.51071
{10}-{15}	1*60	5*120	5.0000	5.529789	0.367553	-5.9392	15.93924
{10}-{16}	1*60	5*180	11.3619	5.610213	0.044877	0.2636	22.46025
{10}-{17}	1*60	10*30	4.5000	5.529789	0.417251	-6.4392	15.43924
{10}-{18}	1*60	10*60	1.2500	4.049417	0.758050	-6.7607	9.26071
{10}-{19}	1*60	10*120	8.0000	5.529789	0.150367	-2.9392	18.93924
{10}-{20}	1*60	10*180	19.0833	5.529789	0.000752	8.1441	30.02258
{11}-{12}	1*120	1*180	12.4167	5.473634	0.024938	1.5885	23.24482
{11}-{13}	1*120	5*30	1.0000	5.529789	0.856774	-9.9392	11.93924
{11}-{14}	1*120	5*60	-5.7500	5.529789	0.300338	-16.6892	5.18924
{11}-{15}	1*120	5*120	3.7500	4.049417	0.356118	-4.2607	11.76071
{11}-{16}	1*120	5*180	10.1119	5.610213	0.073780	-0.9864	21.21025
{11}-{17}	1*120	10*30	3.2500	5.529789	0.557728	-7.6892	14.18924
{11}-{18}	1*120	10*60	0.0000	5.529789	1.000000	-10.9392	10.93924
{11}-{19}	1*120	10*120	6.7500	4.049417	0.097922	-1.2607	14.76071
{11}-{20}	1*120	10*180	17.8333	5.529789	0.001591	6.8941	28.77258
{12}-{13}	1*180	5*30	-11.4167	5.529789	0.040936	-22.3559	-0.47742
{12}-{14}	1*180	5*60	-18.1667	5.529789	0.001307	-29.1059	-7.22742
{12}-{15}	1*180	5*120	-8.6667	5.529789	0.119464	-19.6059	2.27258

{12}-{16}	1*180	5*180	-2.3048	4.158570	0.580375	-10.5314	5.92189
{12}-{17}	1*180	10*30	-9.1667	5.529789	0.099773	-20.1059	1.77258
{12}-{18}	1*180	10*60	-12.4167	5.529789	0.026417	-23.3559	-1.47742
{12}-{19}	1*180	10*120	-5.6667	5.529789	0.307368	-16.6059	5.27258
{12}-{20}	1*180	10*180	5.4167	4.049417	0.183331	-2.5940	13.42738
{13}-{14}	5*30	5*60	-6.7500	5.473634	0.219715	-17.5782	4.07815
{13}-{15}	5*30	5*120	2.7500	5.473634	0.616224	-8.0782	13.57815
{13}-{16}	5*30	5*180	9.1119	5.554871	0.103332	-1.8769	20.10077
{13}-{17}	5*30	10*30	2.2500	4.049417	0.579408	-5.7607	10.26071
{13}-{18}	5*30	10*60	-1.0000	5.529789	0.856774	-11.9392	9.93924
{13}-{19}	5*30	10*120	5.7500	5.529789	0.300338	-5.1892	16.68924
{13}-{20}	5*30	10*180	16.8333	5.529789	0.002821	5.8941	27.77258
{14}-{15}	5*60	5*120	9.5000	5.473634	0.084987	-1.3282	20.32815
{14}-{16}	5*60	5*180	15.8619	5.554871	0.004998	4.8731	26.85077
{14}-{17}	5*60	10*30	9.0000	5.529789	0.106024	-1.9392	19.93924
{14}-{18}	5*60	10*60	5.7500	4.049417	0.157995	-2.2607	13.76071
{14}-{19}	5*60	10*120	12.5000	5.529789	0.025441	1.5608	23.43924
{14}-{20}	5*60	10*180	23.5833	5.529789	0.000038	12.6441	34.52258
{15}-{16}	5*120	5*180	6.3619	5.554871	0.254179	-4.6269	17.35077
{15}-{17}	5*120	10*30	-0.5000	5.529789	0.928092	-11.4392	10.43924
{15}-{18}	5*120	10*60	-3.7500	5.529789	0.498876	-14.6892	7.18924
{15}-{19}	5*120	10*120	3.0000	4.049417	0.460112	-5.0107	11.01071
{15}-{20}	5*120	10*180	14.0833	5.529789	0.012028	3.1441	25.02258
{16}-{17}	5*180	10*30	-6.8619	5.610213	0.223484	-17.9603	4.23643
{16}-{18}	5*180	10*60	-10.1119	5.610213	0.073780	-21.2103	0.98643
{16}-{19}	5*180	10*120	-3.3619	5.610213	0.550042	-14.4603	7.73643

{16}-{20}	5*180	10*180	7.7214	4.158570	0.065593	-0.5052	15.94806
{17}-{18}	10*30	10*60	-3.2500	5.473634	0.553700	-14.0782	7.57815
{17}-{19}	10*30	10*120	3.5000	5.473634	0.523661	-7.3282	14.32815
{17}-{20}	10*30	10*180	14.5833	5.473634	0.008685	3.7552	25.41149
{18}-{19}	10*60	10*120	6.7500	5.473634	0.219715	-4.0782	17.57815
{18}-{20}	10*60	10*180	17.8333	5.473634	0.001429	7.0052	28.66149
{19}-{20}	10*120	10*180	11.0833	5.473634	0.044914	0.2552	21.91149

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point

Cell No.	Concentration	Time Point	{1} - 62.083	{2} - 67.667	{3} - 72.833	{4} - 77.583	{5} - 61.250	{6} - 67.000	{7} - 78.417	{8} - 76.833	{9} - 63.917	{10} - 77.833	{11} - 74.000	{12} - 83.667	{13} - 67.417	{14} - 69.667	{15} - 79.583	{16} - 88.338	{17} - 75.833	{18} - 72.500	{19} - 83.417	{20} - 93.583
1	C	30		0.303612	0.048843	0.004829	0.844550	0.394268	0.005242	0.011471	0.666290	0.007042	0.040265	0.000262	0.210854	0.189706	0.002838	0.000015	0.001507	0.072457	0.000307	0.000000
2	C	60	0.303612		0.340983	0.068874	0.266688	0.875351	0.063886	0.113449	0.515606	0.017947	0.272919	0.006211	0.965401	0.638056	0.040265	0.000543	0.158071	0.256574	0.007042	0.000015
3	C	120	0.048843	0.340983		0.381211	0.046094	0.312418	0.190366	0.488060	0.123535	0.386325	0.783710	0.061880	0.348112	0.582917	0.113937	0.008798	0.602884	0.953879	0.013835	0.000439
4	C	180	0.004829	0.068874	0.381211		0.005242	0.068059	0.885038	0.859924	0.018959	0.965401	0.534414	0.153899	0.079493	0.171096	0.728637	0.014609	0.761442	0.378482	0.312418	0.000244
5	0.1	30	0.844550	0.266688	0.046094	0.005242		0.289464	0.001866	0.004612	0.530647	0.004608	0.028385	0.000155	0.148381	0.145819	0.001797	0.000008	0.000786	0.052628	0.000182	0.000000
6	0.1	60	0.394268	0.875351	0.312418	0.068059	0.289464		0.036603	0.071208	0.592861	0.011793	0.225836	0.004412	0.942367	0.530647	0.030481	0.000364	0.127050	0.197024	0.005022	0.000009
7	0.1	120	0.005242	0.063886	0.190366	0.885038	0.001866	0.036603		0.770080	0.012913	0.919382	0.299670	0.363096	0.058028	0.130643	0.783710	0.091149	0.654110	0.305583	0.240618	0.009387
8	0.1	180	0.011471	0.113449	0.488060	0.859924	0.004612	0.071208	0.770080		0.026415	0.862259	0.623156	0.109583	0.104031	0.215040	0.633403	0.009107	0.862259	0.452615	0.254523	0.000128
9	1	30	0.666290	0.515606	0.123535	0.018959	0.530647	0.592861	0.012913	0.026415		0.011158	0.064396	0.000373	0.410784	0.319355	0.007340	0.000051	0.005724	0.138069	0.000924	0.000001
10	1	60	0.007042	0.017947	0.386325	0.965401	0.004608	0.011793	0.919382	0.862259	0.011158		0.479541	0.282562	0.072457	0.056352	0.761442	0.073852	0.728637	0.210854	0.333531	0.007042
11	1	120	0.040265	0.272919	0.783710	0.534414	0.028385	0.225836	0.299670	0.623156	0.064396	0.479541		0.076073	0.254523	0.452615	0.190366	0.015215	0.750456	0.794686	0.028134	0.000880
12	1	180	0.000262	0.006211	0.061880	0.153899	0.000155	0.004412	0.363096	0.109583	0.000373	0.282562	0.076073		0.005470	0.016291	0.479059	0.284393	0.175613	0.054379	0.965401	0.020905
13	5	30	0.210854	0.965401	0.348112	0.079493	0.148381	0.942367	0.058028	0.104031	0.410784	0.072457	0.254523	0.005470		0.677950	0.026083	0.000211	0.049312	0.378482	0.006211	0.000012



14	5	60	0.189706	0.638056	0.582917	0.171096	0.145819	0.530647	0.130643	0.215040	0.319355	0.056352	0.452615	0.016291	0.677950		0.068874	0.000887	0.285683	0.505320	0.018258	0.000058	
15	5	120	0.002838	0.040265	0.113937	0.728637	0.001797	0.030481	0.783710	0.633403	0.007340	0.761442	0.190366	0.479059	0.026083	0.068874		0.113084	0.515606	0.220390	0.367792	0.016291	
16	5	180	0.000015	0.000543	0.008798	0.014609	0.000008	0.000364	0.091149	0.009107	0.000051	0.073852	0.015215	0.284393	0.000211	0.000887	0.113084		0.033795	0.007481	0.400111	0.229565	
17	10	30	0.001507	0.158071	0.602884	0.761442	0.000786	0.127050	0.654110	0.862259	0.005724	0.728637	0.750456	0.175613	0.049312	0.285683	0.515606		0.033795		0.538580	0.163064	0.001316
18	10	60	0.072457	0.256574	0.953879	0.378482	0.052628	0.197024	0.305583	0.452615	0.138069	0.210854	0.794686	0.054379	0.378482	0.505320	0.220390		0.007481	0.538580		0.045496	0.000153
19	10	120	0.000307	0.007042	0.013835	0.312418	0.000182	0.005022	0.240618	0.254523	0.000924	0.333531	0.028134	0.965401	0.006211	0.018258	0.367792	0.400111	0.163064	0.045496		0.062250	
20	10	180	0.000000	0.000015	0.000439	0.000244	0.000000	0.000009	0.009387	0.000128	0.000001	0.007042	0.000880	0.020905	0.000012	0.000058	0.016291	0.229565	0.001316	0.000153	0.062250		

**LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)**

LSD test; variable Non-Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-5.5833	5.406144	0.303612	-16.2780	5.1113
{1}-{3}	C*30	C*120	-10.7500	5.406144	0.048843	-21.4446	-0.0554
{1}-{4}	C*30	C*180	-15.5000	5.406144	0.004829	-26.1946	-4.8054
{1}-{5}	C*30	0.1*30	0.8333	4.241631	0.844550	-7.5576	9.2243
{1}-{6}	C*30	0.1*60	-4.9167	5.752392	0.394268	-16.2963	6.4629
{1}-{7}	C*30	0.1*120	-16.3333	5.752392	0.005242	-27.7129	-4.9537
{1}-{8}	C*30	0.1*180	-14.7500	5.752392	0.011471	-26.1296	-3.3704
{1}-{9}	C*30	1*30	-1.8333	4.241631	0.666290	-10.2243	6.5576
{1}-{10}	C*30	1*60	-15.7500	5.752392	0.007042	-27.1296	-4.3704
{1}-{11}	C*30	1*120	-11.9167	5.752392	0.040265	-23.2963	-0.5371
{1}-{12}	C*30	1*180	-21.5833	5.752392	0.000262	-32.9629	-10.2037
{1}-{13}	C*30	5*30	-5.3333	4.241631	0.210854	-13.7243	3.0576

{1}-{14}	C*30	5*60	-7.5833	5.752392	0.189706	-18.9629	3.7963
{1}-{15}	C*30	5*120	-17.5000	5.752392	0.002838	-28.8796	-6.1204
{1}-{16}	C*30	5*180	-26.2544	5.829458	0.000015	-37.7865	-14.7224
{1}-{17}	C*30	10*30	-13.7500	4.241631	0.001507	-22.1410	-5.3590
{1}-{18}	C*30	10*60	-10.4167	5.752392	0.072457	-21.7963	0.9629
{1}-{19}	C*30	10*120	-21.3333	5.752392	0.000307	-32.7129	-9.9537
{1}-{20}	C*30	10*180	-31.5000	5.752392	0.000000	-42.8796	-20.1204
{2}-{3}	C*60	C*120	-5.1667	5.406144	0.340983	-15.8613	5.5280
{2}-{4}	C*60	C*180	-9.9167	5.406144	0.068874	-20.6113	0.7780
{2}-{5}	C*60	0.1*30	6.4167	5.752392	0.266688	-4.9629	17.7963
{2}-{6}	C*60	0.1*60	0.6667	4.241631	0.875351	-7.7243	9.0576
{2}-{7}	C*60	0.1*120	-10.7500	5.752392	0.063886	-22.1296	0.6296
{2}-{8}	C*60	0.1*180	-9.1667	5.752392	0.113449	-20.5463	2.2129
{2}-{9}	C*60	1*30	3.7500	5.752392	0.515606	-7.6296	15.1296
{2}-{10}	C*60	1*60	-10.1667	4.241631	0.017947	-18.5576	-1.7757
{2}-{11}	C*60	1*120	-6.3333	5.752392	0.272919	-17.7129	5.0463
{2}-{12}	C*60	1*180	-16.0000	5.752392	0.006211	-27.3796	-4.6204
{2}-{13}	C*60	5*30	0.2500	5.752392	0.965401	-11.1296	11.6296
{2}-{14}	C*60	5*60	-2.0000	4.241631	0.638056	-10.3910	6.3910
{2}-{15}	C*60	5*120	-11.9167	5.752392	0.040265	-23.2963	-0.5371
{2}-{16}	C*60	5*180	-20.6711	5.829458	0.000543	-32.2031	-9.1390
{2}-{17}	C*60	10*30	-8.1667	5.752392	0.158071	-19.5463	3.2129
{2}-{18}	C*60	10*60	-4.8333	4.241631	0.256574	-13.2243	3.5576
{2}-{19}	C*60	10*120	-15.7500	5.752392	0.007042	-27.1296	-4.3704
{2}-{20}	C*60	10*180	-25.9167	5.752392	0.000015	-37.2963	-14.5371
{3}-{4}	C*120	C*180	-4.7500	5.406144	0.381211	-15.4446	5.9446

{3}-{5}	C*120	0.1*30	11.5833	5.752392	0.046094	0.2037	22.9629
{3}-{6}	C*120	0.1*60	5.8333	5.752392	0.312418	-5.5463	17.2129
{3}-{7}	C*120	0.1*120	-5.5833	4.241631	0.190366	-13.9743	2.8076
{3}-{8}	C*120	0.1*180	-4.0000	5.752392	0.488060	-15.3796	7.3796
{3}-{9}	C*120	1*30	8.9167	5.752392	0.123535	-2.4629	20.2963
{3}-{10}	C*120	1*60	-5.0000	5.752392	0.386325	-16.3796	6.3796
{3}-{11}	C*120	1*120	-1.1667	4.241631	0.783710	-9.5576	7.2243
{3}-{12}	C*120	1*180	-10.8333	5.752392	0.061880	-22.2129	0.5463
{3}-{13}	C*120	5*30	5.4167	5.752392	0.348112	-5.9629	16.7963
{3}-{14}	C*120	5*60	3.1667	5.752392	0.582917	-8.2129	14.5463
{3}-{15}	C*120	5*120	-6.7500	4.241631	0.113937	-15.1410	1.6410
{3}-{16}	C*120	5*180	-15.5044	5.829458	0.008798	-27.0365	-3.9724
{3}-{17}	C*120	10*30	-3.0000	5.752392	0.602884	-14.3796	8.3796
{3}-{18}	C*120	10*60	0.3333	5.752392	0.953879	-11.0463	11.7129
{3}-{19}	C*120	10*120	-10.5833	4.241631	0.013835	-18.9743	-2.1924
{3}-{20}	C*120	10*180	-20.7500	5.752392	0.000439	-32.1296	-9.3704
{4}-{5}	C*180	0.1*30	16.3333	5.752392	0.005242	4.9537	27.7129
{4}-{6}	C*180	0.1*60	10.5833	5.752392	0.068059	-0.7963	21.9629
{4}-{7}	C*180	0.1*120	-0.8333	5.752392	0.885038	-12.2129	10.5463
{4}-{8}	C*180	0.1*180	0.7500	4.241631	0.859924	-7.6410	9.1410
{4}-{9}	C*180	1*30	13.6667	5.752392	0.018959	2.2871	25.0463
{4}-{10}	C*180	1*60	-0.2500	5.752392	0.965401	-11.6296	11.1296
{4}-{11}	C*180	1*120	3.5833	5.752392	0.534414	-7.7963	14.9629
{4}-{12}	C*180	1*180	-6.0833	4.241631	0.153899	-14.4743	2.3076
{4}-{13}	C*180	5*30	10.1667	5.752392	0.079493	-1.2129	21.5463
{4}-{14}	C*180	5*60	7.9167	5.752392	0.171096	-3.4629	19.2963

{4}-{15}	C*180	5*120	-2.0000	5.752392	0.728637	-13.3796	9.3796
{4}-{16}	C*180	5*180	-10.7544	4.345573	0.014609	-19.3510	-2.1578
{4}-{17}	C*180	10*30	1.7500	5.752392	0.761442	-9.6296	13.1296
{4}-{18}	C*180	10*60	5.0833	5.752392	0.378482	-6.2963	16.4629
{4}-{19}	C*180	10*120	-5.8333	5.752392	0.312418	-17.2129	5.5463
{4}-{20}	C*180	10*180	-16.0000	4.241631	0.000244	-24.3910	-7.6090
{5}-{6}	0.1*30	0.1*60	-5.7500	5.406144	0.289464	-16.4446	4.9446
{5}-{7}	0.1*30	0.1*120	-17.1667	5.406144	0.001866	-27.8613	-6.4720
{5}-{8}	0.1*30	0.1*180	-15.5833	5.406144	0.004612	-26.2780	-4.8887
{5}-{9}	0.1*30	1*30	-2.6667	4.241631	0.530647	-11.0576	5.7243
{5}-{10}	0.1*30	1*60	-16.5833	5.752392	0.004608	-27.9629	-5.2037
{5}-{11}	0.1*30	1*120	-12.7500	5.752392	0.028385	-24.1296	-1.3704
{5}-{12}	0.1*30	1*180	-22.4167	5.752392	0.000155	-33.7963	-11.0371
{5}-{13}	0.1*30	5*30	-6.1667	4.241631	0.148381	-14.5576	2.2243
{5}-{14}	0.1*30	5*60	-8.4167	5.752392	0.145819	-19.7963	2.9629
{5}-{15}	0.1*30	5*120	-18.3333	5.752392	0.001797	-29.7129	-6.9537
{5}-{16}	0.1*30	5*180	-27.0877	5.829458	0.000008	-38.6198	-15.5557
{5}-{17}	0.1*30	10*30	-14.5833	4.241631	0.000786	-22.9743	-6.1924
{5}-{18}	0.1*30	10*60	-11.2500	5.752392	0.052628	-22.6296	0.1296
{5}-{19}	0.1*30	10*120	-22.1667	5.752392	0.000182	-33.5463	-10.7871
{5}-{20}	0.1*30	10*180	-32.3333	5.752392	0.000000	-43.7129	-20.9537
{6}-{7}	0.1*60	0.1*120	-11.4167	5.406144	0.036603	-22.1113	-0.7220
{6}-{8}	0.1*60	0.1*180	-9.8333	5.406144	0.071208	-20.5280	0.8613
{6}-{9}	0.1*60	1*30	3.0833	5.752392	0.592861	-8.2963	14.4629
{6}-{10}	0.1*60	1*60	-10.8333	4.241631	0.011793	-19.2243	-2.4424
{6}-{11}	0.1*60	1*120	-7.0000	5.752392	0.225836	-18.3796	4.3796

{6}-{12}	0.1*60	1*180	-16.6667	5.752392	0.004412	-28.0463	-5.2871
{6}-{13}	0.1*60	5*30	-0.4167	5.752392	0.942367	-11.7963	10.9629
{6}-{14}	0.1*60	5*60	-2.6667	4.241631	0.530647	-11.0576	5.7243
{6}-{15}	0.1*60	5*120	-12.5833	5.752392	0.030481	-23.9629	-1.2037
{6}-{16}	0.1*60	5*180	-21.3377	5.829458	0.000364	-32.8698	-9.8057
{6}-{17}	0.1*60	10*30	-8.8333	5.752392	0.127050	-20.2129	2.5463
{6}-{18}	0.1*60	10*60	-5.5000	4.241631	0.197024	-13.8910	2.8910
{6}-{19}	0.1*60	10*120	-16.4167	5.752392	0.005022	-27.7963	-5.0371
{6}-{20}	0.1*60	10*180	-26.5833	5.752392	0.000009	-37.9629	-15.2037
{7}-{8}	0.1*120	0.1*180	1.5833	5.406144	0.770080	-9.1113	12.2780
{7}-{9}	0.1*120	1*30	14.5000	5.752392	0.012913	3.1204	25.8796
{7}-{10}	0.1*120	1*60	0.5833	5.752392	0.919382	-10.7963	11.9629
{7}-{11}	0.1*120	1*120	4.4167	4.241631	0.299670	-3.9743	12.8076
{7}-{12}	0.1*120	1*180	-5.2500	5.752392	0.363096	-16.6296	6.1296
{7}-{13}	0.1*120	5*30	11.0000	5.752392	0.058028	-0.3796	22.3796
{7}-{14}	0.1*120	5*60	8.7500	5.752392	0.130643	-2.6296	20.1296
{7}-{15}	0.1*120	5*120	-1.1667	4.241631	0.783710	-9.5576	7.2243
{7}-{16}	0.1*120	5*180	-9.9211	5.829458	0.091149	-21.4531	1.6110
{7}-{17}	0.1*120	10*30	2.5833	5.752392	0.654110	-8.7963	13.9629
{7}-{18}	0.1*120	10*60	5.9167	5.752392	0.305583	-5.4629	17.2963
{7}-{19}	0.1*120	10*120	-5.0000	4.241631	0.240618	-13.3910	3.3910
{7}-{20}	0.1*120	10*180	-15.1667	5.752392	0.009387	-26.5463	-3.7871
{8}-{9}	0.1*180	1*30	12.9167	5.752392	0.026415	1.5371	24.2963
{8}-{10}	0.1*180	1*60	-1.0000	5.752392	0.862259	-12.3796	10.3796
{8}-{11}	0.1*180	1*120	2.8333	5.752392	0.623156	-8.5463	14.2129
{8}-{12}	0.1*180	1*180	-6.8333	4.241631	0.109583	-15.2243	1.5576

{8}-{13}	0.1*180	5*30	9.4167	5.752392	0.104031	-1.9629	20.7963
{8}-{14}	0.1*180	5*60	7.1667	5.752392	0.215040	-4.2129	18.5463
{8}-{15}	0.1*180	5*120	-2.7500	5.752392	0.633403	-14.1296	8.6296
{8}-{16}	0.1*180	5*180	-11.5044	4.345573	0.009107	-20.1010	-2.9078
{8}-{17}	0.1*180	10*30	1.0000	5.752392	0.862259	-10.3796	12.3796
{8}-{18}	0.1*180	10*60	4.3333	5.752392	0.452615	-7.0463	15.7129
{8}-{19}	0.1*180	10*120	-6.5833	5.752392	0.254523	-17.9629	4.7963
{8}-{20}	0.1*180	10*180	-16.7500	4.241631	0.000128	-25.1410	-8.3590
{9}-{10}	1*30	1*60	-13.9167	5.406144	0.011158	-24.6113	-3.2220
{9}-{11}	1*30	1*120	-10.0833	5.406144	0.064396	-20.7780	0.6113
{9}-{12}	1*30	1*180	-19.7500	5.406144	0.000373	-30.4446	-9.0554
{9}-{13}	1*30	5*30	-3.5000	4.241631	0.410784	-11.8910	4.8910
{9}-{14}	1*30	5*60	-5.7500	5.752392	0.319355	-17.1296	5.6296
{9}-{15}	1*30	5*120	-15.6667	5.752392	0.007340	-27.0463	-4.2871
{9}-{16}	1*30	5*180	-24.4211	5.829458	0.000051	-35.9531	-12.8890
{9}-{17}	1*30	10*30	-11.9167	4.241631	0.005724	-20.3076	-3.5257
{9}-{18}	1*30	10*60	-8.5833	5.752392	0.138069	-19.9629	2.7963
{9}-{19}	1*30	10*120	-19.5000	5.752392	0.000924	-30.8796	-8.1204
{9}-{20}	1*30	10*180	-29.6667	5.752392	0.000001	-41.0463	-18.2871
{10}-{11}	1*60	1*120	3.8333	5.406144	0.479541	-6.8613	14.5280
{10}-{12}	1*60	1*180	-5.8333	5.406144	0.282562	-16.5280	4.8613
{10}-{13}	1*60	5*30	10.4167	5.752392	0.072457	-0.9629	21.7963
{10}-{14}	1*60	5*60	8.1667	4.241631	0.056352	-0.2243	16.5576
{10}-{15}	1*60	5*120	-1.7500	5.752392	0.761442	-13.1296	9.6296
{10}-{16}	1*60	5*180	-10.5044	5.829458	0.073852	-22.0365	1.0276
{10}-{17}	1*60	10*30	2.0000	5.752392	0.728637	-9.3796	13.3796

{10}-{18}	1*60	10*60	5.3333	4.241631	0.210854	-3.0576	13.7243
{10}-{19}	1*60	10*120	-5.5833	5.752392	0.333531	-16.9629	5.7963
{10}-{20}	1*60	10*180	-15.7500	5.752392	0.007042	-27.1296	-4.3704
{11}-{12}	1*120	1*180	-9.6667	5.406144	0.076073	-20.3613	1.0280
{11}-{13}	1*120	5*30	6.5833	5.752392	0.254523	-4.7963	17.9629
{11}-{14}	1*120	5*60	4.3333	5.752392	0.452615	-7.0463	15.7129
{11}-{15}	1*120	5*120	-5.5833	4.241631	0.190366	-13.9743	2.8076
{11}-{16}	1*120	5*180	-14.3377	5.829458	0.015215	-25.8698	-2.8057
{11}-{17}	1*120	10*30	-1.8333	5.752392	0.750456	-13.2129	9.5463
{11}-{18}	1*120	10*60	1.5000	5.752392	0.794686	-9.8796	12.8796
{11}-{19}	1*120	10*120	-9.4167	4.241631	0.028134	-17.8076	-1.0257
{11}-{20}	1*120	10*180	-19.5833	5.752392	0.000880	-30.9629	-8.2037
{12}-{13}	1*180	5*30	16.2500	5.752392	0.005470	4.8704	27.6296
{12}-{14}	1*180	5*60	14.0000	5.752392	0.016291	2.6204	25.3796
{12}-{15}	1*180	5*120	4.0833	5.752392	0.479059	-7.2963	15.4629
{12}-{16}	1*180	5*180	-4.6711	4.345573	0.284393	-13.2677	3.9255
{12}-{17}	1*180	10*30	7.8333	5.752392	0.175613	-3.5463	19.2129
{12}-{18}	1*180	10*60	11.1667	5.752392	0.054379	-0.2129	22.5463
{12}-{19}	1*180	10*120	0.2500	5.752392	0.965401	-11.1296	11.6296
{12}-{20}	1*180	10*180	-9.9167	4.241631	0.020905	-18.3076	-1.5257
{13}-{14}	5*30	5*60	-2.2500	5.406144	0.677950	-12.9446	8.4446
{13}-{15}	5*30	5*120	-12.1667	5.406144	0.026083	-22.8613	-1.4720
{13}-{16}	5*30	5*180	-20.9211	5.488074	0.000211	-31.7778	-10.0644
{13}-{17}	5*30	10*30	-8.4167	4.241631	0.049312	-16.8076	-0.0257
{13}-{18}	5*30	10*60	-5.0833	5.752392	0.378482	-16.4629	6.2963
{13}-{19}	5*30	10*120	-16.0000	5.752392	0.006211	-27.3796	-4.6204

{13}-{20}	5*30	10*180	-26.1667	5.752392	0.000012	-37.5463	-14.7871
{14}-{15}	5*60	5*120	-9.9167	5.406144	0.068874	-20.6113	0.7780
{14}-{16}	5*60	5*180	-18.6711	5.488074	0.000887	-29.5278	-7.8144
{14}-{17}	5*60	10*30	-6.1667	5.752392	0.285683	-17.5463	5.2129
{14}-{18}	5*60	10*60	-2.8333	4.241631	0.505320	-11.2243	5.5576
{14}-{19}	5*60	10*120	-13.7500	5.752392	0.018258	-25.1296	-2.3704
{14}-{20}	5*60	10*180	-23.9167	5.752392	0.000058	-35.2963	-12.5371
{15}-{16}	5*120	5*180	-8.7544	5.488074	0.113084	-19.6111	2.1023
{15}-{17}	5*120	10*30	3.7500	5.752392	0.515606	-7.6296	15.1296
{15}-{18}	5*120	10*60	7.0833	5.752392	0.220390	-4.2963	18.4629
{15}-{19}	5*120	10*120	-3.8333	4.241631	0.367792	-12.2243	4.5576
{15}-{20}	5*120	10*180	-14.0000	5.752392	0.016291	-25.3796	-2.6204
{16}-{17}	5*180	10*30	12.5044	5.829458	0.033795	0.9724	24.0365
{16}-{18}	5*180	10*60	15.8377	5.829458	0.007481	4.3057	27.3698
{16}-{19}	5*180	10*120	4.9211	5.829458	0.400111	-6.6110	16.4531
{16}-{20}	5*180	10*180	-5.2456	4.345573	0.229565	-13.8422	3.3510
{17}-{18}	10*30	10*60	3.3333	5.406144	0.538580	-7.3613	14.0280
{17}-{19}	10*30	10*120	-7.5833	5.406144	0.163064	-18.2780	3.1113
{17}-{20}	10*30	10*180	-17.7500	5.406144	0.001316	-28.4446	-7.0554
{18}-{19}	10*60	10*120	-10.9167	5.406144	0.045496	-21.6113	-0.2220
{18}-{20}	10*60	10*180	-21.0833	5.406144	0.000153	-31.7780	-10.3887
{19}-{20}	10*120	10*180	-10.1667	5.406144	0.062250	-20.8613	0.5280

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Probabilities for Post Hoc Tests

Effect: Concentration\*Time Point



Cell No.	Concentration	Time Point	{1} - 60.549	{2} - 49.057	{3} - 46.187	{4} - 47.473	{5} - 55.438	{6} - 49.537	{7} - 44.642	{8} - 43.534	{9} - 54.812	{10} - 43.334	{11} - 47.123	{12} - 40.006	{13} - 48.962	{14} - 49.813	{15} - 44.671	{16} - 40.370	{17} - 44.571	{18} - 45.960	{19} - 42.812	{20} - 36.628
1	C	30		0.003122	0.000252	0.000818	0.095258	0.004572	0.000055	0.000018	0.061454	0.000014	0.000598	0.000000	0.000213	0.005660	0.000057	0.000001	0.000001	0.000203	0.000008	0.000000
2	C	60	0.003122		0.453387	0.678820	0.096901	0.874764	0.249375	0.150236	0.133992	0.062095	0.613111	0.019167	0.980253	0.804118	0.252554	0.026890	0.241945	0.310488	0.104133	0.001435
3	C	120	0.000252	0.453387		0.736640	0.016712	0.381614	0.612213	0.488189	0.025478	0.455977	0.758865	0.107724	0.468388	0.343813	0.619053	0.136313	0.672674	0.952691	0.269134	0.013480
4	C	180	0.000818	0.678820	0.736640		0.038822	0.589521	0.459411	0.197574	0.056665	0.280034	0.926956	0.015402	0.697022	0.540890	0.464120	0.024542	0.448350	0.692409	0.224087	0.000508
5	0.1	30	0.095258	0.096901	0.016712	0.038822		0.124471	0.005404	0.002230	0.837126	0.001887	0.031128	0.000089	0.035123	0.142887	0.005528	0.000163	0.000495	0.014272	0.001211	0.000002
6	0.1	60	0.004572	0.874764	0.381614	0.589521	0.124471		0.201803	0.118122	0.169317	0.043398	0.528023	0.013747	0.880474	0.927945	0.204533	0.019647	0.195434	0.241704	0.080339	0.000947
7	0.1	120	0.000055	0.249375	0.612213	0.459411	0.005404	0.201803		0.772145	0.008670	0.732357	0.416125	0.226700	0.259615	0.177723	0.992231	0.273061	0.985310	0.730239	0.548461	0.037667
8	0.1	180	0.000018	0.150236	0.488189	0.197574	0.002230	0.118122	0.772145		0.003708	0.958169	0.348782	0.248203	0.157293	0.102315	0.766217	0.312735	0.786263	0.526072	0.850126	0.024809
9	1	30	0.061454	0.133992	0.025478	0.056665	0.837126	0.169317	0.008670	0.003708		0.003158	0.045979	0.000165	0.056643	0.192552	0.008862	0.000293	0.000999	0.021924	0.002059	0.000005
10	1	60	0.000014	0.062095	0.455977	0.280034	0.001887	0.043398	0.732357	0.958169	0.003158		0.322600	0.384865	0.142631	0.035022	0.726529	0.446430	0.746248	0.389405	0.891415	0.081245
11	1	120	0.000598	0.613111	0.758865	0.926956	0.031128	0.528023	0.416125	0.348782	0.045979	0.322600		0.064452	0.630573	0.482107	0.421708	0.084219	0.504926	0.761146	0.158747	0.006804
12	1	180	0.000000	0.019167	0.107724	0.015402	0.000089	0.013747	0.226700	0.248203	0.000165	0.384865	0.064452		0.020434	0.011298	0.223757	0.907557	0.233794	0.121136	0.463588	0.268768
13	5	30	0.000213	0.980253	0.468388	0.697022	0.035123	0.880474	0.259615	0.157293	0.056643	0.142631	0.630573	0.020434		0.823980	0.262886	0.028564	0.151204	0.432900	0.109432	0.001555
14	5	60	0.005660	0.804118	0.343813	0.540890	0.142887	0.927945	0.177723	0.102315	0.192552	0.035022	0.482107	0.011298	0.823980		0.180207	0.016321	0.171934	0.207523	0.068836	0.000742
15	5	120	0.000057	0.252554	0.619053	0.464120	0.005528	0.204533	0.992231	0.766217	0.008862	0.726529	0.421708	0.223757	0.262886	0.180207		0.269759	0.979120	0.736078	0.542005	0.036976
16	5	180	0.000001	0.026890	0.136313	0.024542	0.000163	0.019647	0.273061	0.312735	0.000293	0.446430	0.084219	0.907557	0.028564	0.016321	0.269759		0.281007	0.152133	0.530319	0.233041
17	10	30	0.000001	0.241945	0.672674	0.448350	0.000495	0.195434	0.985310	0.786263	0.000999	0.746248	0.504926	0.233794	0.151204	0.171934	0.979120	0.281007		0.716451	0.645524	0.039351
18	10	60	0.000203	0.310488	0.952691	0.692409	0.014272	0.241704	0.730239	0.526072	0.021924	0.389405	0.761146	0.121136	0.432900	0.207523	0.736078	0.152133	0.716451		0.410845	0.015800
19	10	120	0.000008	0.104133	0.269134	0.224087	0.001211	0.080339	0.548461	0.850126	0.002059	0.891415	0.158747	0.463588	0.109432	0.068836	0.542005	0.530319	0.645524	0.410845		0.107578
20	10	180	0.000000	0.001435	0.013480	0.000508	0.000002	0.000947	0.037667	0.024809	0.000005	0.081245	0.006804	0.268768	0.001555	0.000742	0.036976	0.233041	0.039351	0.015800	0.107578	

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)
Simultaneous confidence intervals
Effect: Concentration*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	11.4923	3.816309	0.003122	3.9427	19.04184
{1}-{3}	C*30	C*120	14.3622	3.816309	0.000252	6.8126	21.91179
{1}-{4}	C*30	C*180	13.0760	3.816309	0.000818	5.5265	20.62561
{1}-{5}	C*30	0.1*30	5.1112	3.041618	0.095258	-0.9058	11.12825
{1}-{6}	C*30	0.1*60	11.0119	3.816309	0.004572	3.4624	18.56151
{1}-{7}	C*30	0.1*120	15.9078	3.816309	0.000055	8.3582	23.45734
{1}-{8}	C*30	0.1*180	17.0151	3.816309	0.000018	9.4656	24.56472
{1}-{9}	C*30	1*30	5.7377	3.041618	0.061454	-0.2793	11.75476
{1}-{10}	C*30	1*60	17.2157	3.816309	0.000014	9.6661	24.76527
{1}-{11}	C*30	1*120	13.4266	3.816309	0.000598	5.8770	20.97615
{1}-{12}	C*30	1*180	20.5431	3.816309	0.000000	12.9935	28.09266
{1}-{13}	C*30	5*30	11.5869	3.041618	0.000213	5.5699	17.60396
{1}-{14}	C*30	5*60	10.7364	3.816309	0.005660	3.1868	18.28593
{1}-{15}	C*30	5*120	15.8781	3.816309	0.000057	8.3285	23.42767
{1}-{16}	C*30	5*180	20.1798	3.881295	0.000001	12.5016	27.85790
{1}-{17}	C*30	10*30	15.9782	3.041618	0.000001	9.9611	21.99522
{1}-{18}	C*30	10*60	14.5891	3.816309	0.000203	7.0395	22.13863
{1}-{19}	C*30	10*120	17.7377	3.816309	0.000008	10.1881	25.28726
{1}-{20}	C*30	10*180	23.9212	3.816309	0.000000	16.3716	31.47073
{2}-{3}	C*60	C*120	2.8699	3.816309	0.453387	-4.6796	10.41952
{2}-{4}	C*60	C*180	1.5838	3.816309	0.678820	-5.9658	9.13334
{2}-{5}	C*60	0.1*30	-6.3811	3.816309	0.096901	-13.9306	1.16850
{2}-{6}	C*60	0.1*60	-0.4803	3.041618	0.874764	-6.4974	5.53672

{2}-{7}	C*60	0.1*120	4.4155	3.816309	0.249375	-3.1341	11.96507
{2}-{8}	C*60	0.1*180	5.5229	3.816309	0.150236	-2.0267	13.07244
{2}-{9}	C*60	1*30	-5.7546	3.816309	0.133992	-13.3041	1.79501
{2}-{10}	C*60	1*60	5.7234	3.041618	0.062095	-0.2936	11.74047
{2}-{11}	C*60	1*120	1.9343	3.816309	0.613111	-5.6153	9.48387
{2}-{12}	C*60	1*180	9.0508	3.816309	0.019167	1.5013	16.60039
{2}-{13}	C*60	5*30	0.0946	3.816309	0.980253	-7.4549	7.64421
{2}-{14}	C*60	5*60	-0.7559	3.041618	0.804118	-6.7730	5.26113
{2}-{15}	C*60	5*120	4.3858	3.816309	0.252554	-3.1637	11.93539
{2}-{16}	C*60	5*180	8.6875	3.881295	0.026890	1.0094	16.36563
{2}-{17}	C*60	10*30	4.4859	3.816309	0.241945	-3.0637	12.03547
{2}-{18}	C*60	10*60	3.0968	3.041618	0.310488	-2.9203	9.11384
{2}-{19}	C*60	10*120	6.2454	3.816309	0.104133	-1.3041	13.79499
{2}-{20}	C*60	10*180	12.4289	3.816309	0.001435	4.8793	19.97846
{3}-{4}	C*120	C*180	-1.2862	3.816309	0.736640	-8.8357	6.26339
{3}-{5}	C*120	0.1*30	-9.2510	3.816309	0.016712	-16.8006	-1.70144
{3}-{6}	C*120	0.1*60	-3.3503	3.816309	0.381614	-10.8998	4.19929
{3}-{7}	C*120	0.1*120	1.5456	3.041618	0.612213	-4.4715	7.56260
{3}-{8}	C*120	0.1*180	2.6529	3.816309	0.488189	-4.8966	10.20250
{3}-{9}	C*120	1*30	-8.6245	3.816309	0.025478	-16.1741	-1.07493
{3}-{10}	C*120	1*60	2.8535	3.816309	0.455977	-4.6961	10.40305
{3}-{11}	C*120	1*120	-0.9356	3.041618	0.758865	-6.9527	5.08140
{3}-{12}	C*120	1*180	6.1809	3.816309	0.107724	-1.3687	13.73044
{3}-{13}	C*120	5*30	-2.7753	3.816309	0.468388	-10.3249	4.77427
{3}-{14}	C*120	5*60	-3.6259	3.816309	0.343813	-11.1754	3.92371
{3}-{15}	C*120	5*120	1.5159	3.041618	0.619053	-4.5012	7.53292

{3}-{16}	C*120	5*180	5.8176	3.881295	0.136313	-1.8606	13.49568
{3}-{17}	C*120	10*30	1.6160	3.816309	0.672674	-5.9336	9.16552
{3}-{18}	C*120	10*60	0.2268	3.816309	0.952691	-7.3227	7.77642
{3}-{19}	C*120	10*120	3.3755	3.041618	0.269134	-2.6416	9.39252
{3}-{20}	C*120	10*180	9.5589	3.816309	0.013480	2.0094	17.10852
{4}-{5}	C*180	0.1*30	-7.9648	3.816309	0.038822	-15.5144	-0.41527
{4}-{6}	C*180	0.1*60	-2.0641	3.816309	0.589521	-9.6137	5.48547
{4}-{7}	C*180	0.1*120	2.8317	3.816309	0.459411	-4.7178	10.38130
{4}-{8}	C*180	0.1*180	3.9391	3.041618	0.197574	-2.0779	9.95615
{4}-{9}	C*180	1*30	-7.3383	3.816309	0.056665	-14.8879	0.21124
{4}-{10}	C*180	1*60	4.1397	3.816309	0.280034	-3.4099	11.68923
{4}-{11}	C*180	1*120	0.3505	3.816309	0.926956	-7.1990	7.90010
{4}-{12}	C*180	1*180	7.4671	3.041618	0.015402	1.4500	13.48410
{4}-{13}	C*180	5*30	-1.4891	3.816309	0.697022	-9.0387	6.06044
{4}-{14}	C*180	5*60	-2.3397	3.816309	0.540890	-9.8893	5.20988
{4}-{15}	C*180	5*120	2.8021	3.816309	0.464120	-4.7475	10.35162
{4}-{16}	C*180	5*180	7.1037	3.122767	0.024542	0.9262	13.28131
{4}-{17}	C*180	10*30	2.9021	3.816309	0.448350	-4.6474	10.45170
{4}-{18}	C*180	10*60	1.5130	3.816309	0.692409	-6.0365	9.06259
{4}-{19}	C*180	10*120	4.6617	3.816309	0.224087	-2.8879	12.21122
{4}-{20}	C*180	10*180	10.8451	3.041618	0.000508	4.8281	16.86217
{5}-{6}	0.1*30	0.1*60	5.9007	3.816309	0.124471	-1.6488	13.45031
{5}-{7}	0.1*30	0.1*120	10.7966	3.816309	0.005404	3.2470	18.34614
{5}-{8}	0.1*30	0.1*180	11.9039	3.816309	0.002230	4.3544	19.45351
{5}-{9}	0.1*30	1*30	0.6265	3.041618	0.837126	-5.3905	6.64356
{5}-{10}	0.1*30	1*60	12.1045	3.816309	0.001887	4.5549	19.65407

{5}-{11}	0.1*30	1*120	8.3154	3.816309	0.031128	0.7658	15.86494
{5}-{12}	0.1*30	1*180	15.4319	3.816309	0.000089	7.8823	22.98146
{5}-{13}	0.1*30	5*30	6.4757	3.041618	0.035123	0.4587	12.49276
{5}-{14}	0.1*30	5*60	5.6252	3.816309	0.142887	-1.9244	13.17472
{5}-{15}	0.1*30	5*120	10.7669	3.816309	0.005528	3.2173	18.31646
{5}-{16}	0.1*30	5*180	15.0686	3.881295	0.000163	7.3904	22.74670
{5}-{17}	0.1*30	10*30	10.8670	3.041618	0.000495	4.8499	16.88401
{5}-{18}	0.1*30	10*60	9.4779	3.816309	0.014272	1.9283	17.02743
{5}-{19}	0.1*30	10*120	12.6265	3.816309	0.001211	5.0769	20.17606
{5}-{20}	0.1*30	10*180	18.8100	3.816309	0.000002	11.2604	26.35953
{6}-{7}	0.1*60	0.1*120	4.8958	3.816309	0.201803	-2.6537	12.44540
{6}-{8}	0.1*60	0.1*180	6.0032	3.816309	0.118122	-1.5464	13.55277
{6}-{9}	0.1*60	1*30	-5.2742	3.816309	0.169317	-12.8238	2.27534
{6}-{10}	0.1*60	1*60	6.2038	3.041618	0.043398	0.1867	12.22080
{6}-{11}	0.1*60	1*120	2.4146	3.816309	0.528023	-5.1349	9.96420
{6}-{12}	0.1*60	1*180	9.5311	3.816309	0.013747	1.9816	17.08072
{6}-{13}	0.1*60	5*30	0.5750	3.816309	0.880474	-6.9746	8.12454
{6}-{14}	0.1*60	5*60	-0.2756	3.041618	0.927945	-6.2926	5.74146
{6}-{15}	0.1*60	5*120	4.8662	3.816309	0.204533	-2.6834	12.41572
{6}-{16}	0.1*60	5*180	9.1678	3.881295	0.019647	1.4897	16.84596
{6}-{17}	0.1*60	10*30	4.9662	3.816309	0.195434	-2.5833	12.51580
{6}-{18}	0.1*60	10*60	3.5771	3.041618	0.241704	-2.4399	9.59417
{6}-{19}	0.1*60	10*120	6.7258	3.816309	0.080339	-0.8238	14.27532
{6}-{20}	0.1*60	10*180	12.9092	3.816309	0.000947	5.3597	20.45879
{7}-{8}	0.1*120	0.1*180	1.1074	3.816309	0.772145	-6.4422	8.65695
{7}-{9}	0.1*120	1*30	-10.1701	3.816309	0.008670	-17.7196	-2.62048

{7}-{10}	0.1*120	1*60	1.3079	3.816309	0.732357	-6.2416	8.85750
{7}-{11}	0.1*120	1*120	-2.4812	3.041618	0.416125	-8.4982	3.53585
{7}-{12}	0.1*120	1*180	4.6353	3.816309	0.226700	-2.9142	12.18489
{7}-{13}	0.1*120	5*30	-4.3209	3.816309	0.259615	-11.8704	3.22871
{7}-{14}	0.1*120	5*60	-5.1714	3.816309	0.177723	-12.7210	2.37816
{7}-{15}	0.1*120	5*120	-0.0297	3.041618	0.992231	-6.0467	5.98737
{7}-{16}	0.1*120	5*180	4.2720	3.881295	0.273061	-3.4061	11.95013
{7}-{17}	0.1*120	10*30	0.0704	3.816309	0.985310	-7.4792	7.61997
{7}-{18}	0.1*120	10*60	-1.3187	3.816309	0.730239	-8.8683	6.23086
{7}-{19}	0.1*120	10*120	1.8299	3.041618	0.548461	-4.1871	7.84697
{7}-{20}	0.1*120	10*180	8.0134	3.816309	0.037667	0.4638	15.56296
{8}-{9}	0.1*180	1*30	-11.2774	3.816309	0.003708	-18.8270	-3.72786
{8}-{10}	0.1*180	1*60	0.2006	3.816309	0.958169	-7.3490	7.75012
{8}-{11}	0.1*180	1*120	-3.5886	3.816309	0.348782	-11.1381	3.96100
{8}-{12}	0.1*180	1*180	3.5279	3.041618	0.248203	-2.4891	9.54499
{8}-{13}	0.1*180	5*30	-5.4282	3.816309	0.157293	-12.9778	2.12134
{8}-{14}	0.1*180	5*60	-6.2788	3.816309	0.102315	-13.8284	1.27078
{8}-{15}	0.1*180	5*120	-1.1371	3.816309	0.766217	-8.6866	6.41252
{8}-{16}	0.1*180	5*180	3.1646	3.122767	0.312735	-3.0130	9.34220
{8}-{17}	0.1*180	10*30	-1.0370	3.816309	0.786263	-8.5865	6.51259
{8}-{18}	0.1*180	10*60	-2.4261	3.816309	0.526072	-9.9757	5.12349
{8}-{19}	0.1*180	10*120	0.7225	3.816309	0.850126	-6.8270	8.27212
{8}-{20}	0.1*180	10*180	6.9060	3.041618	0.024809	0.8890	12.92306
{9}-{10}	1*30	1*60	11.4780	3.816309	0.003158	3.9284	19.02755
{9}-{11}	1*30	1*120	7.6889	3.816309	0.045979	0.1393	15.23843
{9}-{12}	1*30	1*180	14.8054	3.816309	0.000165	7.2558	22.35495

{9}-{13}	1*30	5*30	5.8492	3.041618	0.056643	-0.1678	11.86624
{9}-{14}	1*30	5*60	4.9986	3.816309	0.192552	-2.5509	12.54821
{9}-{15}	1*30	5*120	10.1404	3.816309	0.008862	2.5908	17.68995
{9}-{16}	1*30	5*180	14.4421	3.881295	0.000293	6.7639	22.12018
{9}-{17}	1*30	10*30	10.2405	3.041618	0.000999	4.2234	16.25750
{9}-{18}	1*30	10*60	8.8513	3.816309	0.021924	1.3018	16.40092
{9}-{19}	1*30	10*120	12.0000	3.816309	0.002059	4.4504	19.54955
{9}-{20}	1*30	10*180	18.1834	3.816309	0.000005	10.6339	25.73302
{10}-{11}	1*60	1*120	-3.7891	3.816309	0.322600	-11.3387	3.76045
{10}-{12}	1*60	1*180	3.3274	3.816309	0.384865	-4.2222	10.87696
{10}-{13}	1*60	5*30	-5.6288	3.816309	0.142631	-13.1784	1.92078
{10}-{14}	1*60	5*60	-6.4793	3.041618	0.035022	-12.4964	-0.46230
{10}-{15}	1*60	5*120	-1.3376	3.816309	0.726529	-8.8872	6.21197
{10}-{16}	1*60	5*180	2.9641	3.881295	0.446430	-4.7141	10.64220
{10}-{17}	1*60	10*30	-1.2375	3.816309	0.746248	-8.7871	6.31204
{10}-{18}	1*60	10*60	-2.6266	3.041618	0.389405	-8.6437	3.39041
{10}-{19}	1*60	10*120	0.5220	3.816309	0.891415	-7.0276	8.07156
{10}-{20}	1*60	10*180	6.7055	3.816309	0.081245	-0.8441	14.25503
{11}-{12}	1*120	1*180	7.1165	3.816309	0.064452	-0.4331	14.66609
{11}-{13}	1*120	5*30	-1.8397	3.816309	0.630573	-9.3892	5.70991
{11}-{14}	1*120	5*60	-2.6902	3.816309	0.482107	-10.2398	4.85935
{11}-{15}	1*120	5*120	2.4515	3.041618	0.421708	-3.5655	8.46857
{11}-{16}	1*120	5*180	6.7532	3.881295	0.084219	-0.9249	14.43132
{11}-{17}	1*120	10*30	2.5516	3.816309	0.504926	-4.9980	10.10116
{11}-{18}	1*120	10*60	1.1625	3.816309	0.761146	-6.3871	8.71206
{11}-{19}	1*120	10*120	4.3111	3.041618	0.158747	-1.7059	10.32816

{11}-{20}	1*120	10*180	10.4946	3.816309	0.006804	2.9450	18.04416
{12}-{13}	1*180	5*30	-8.9562	3.816309	0.020434	-16.5057	-1.40661
{12}-{14}	1*180	5*60	-9.8067	3.816309	0.011298	-17.3563	-2.25717
{12}-{15}	1*180	5*120	-4.6650	3.816309	0.223757	-12.2146	2.88457
{12}-{16}	1*180	5*180	-0.3633	3.122767	0.907557	-6.5409	5.81426
{12}-{17}	1*180	10*30	-4.5649	3.816309	0.233794	-12.1145	2.98465
{12}-{18}	1*180	10*60	-5.9540	3.816309	0.121136	-13.5036	1.59554
{12}-{19}	1*180	10*120	-2.8054	3.816309	0.463588	-10.3550	4.74417
{12}-{20}	1*180	10*180	3.3781	3.041618	0.268768	-2.6390	9.39512
{13}-{14}	5*30	5*60	-0.8506	3.816309	0.823980	-8.4001	6.69901
{13}-{15}	5*30	5*120	4.2912	3.816309	0.262886	-3.2584	11.84075
{13}-{16}	5*30	5*180	8.5929	3.881295	0.028564	0.9147	16.27098
{13}-{17}	5*30	10*30	4.3913	3.041618	0.151204	-1.6258	10.40830
{13}-{18}	5*30	10*60	3.0021	3.816309	0.432900	-4.5474	10.55172
{13}-{19}	5*30	10*120	6.1508	3.816309	0.109432	-1.3988	13.70035
{13}-{20}	5*30	10*180	12.3343	3.816309	0.001555	4.7847	19.88382
{14}-{15}	5*60	5*120	5.1417	3.816309	0.180207	-2.4078	12.69131
{14}-{16}	5*60	5*180	9.4434	3.881295	0.016321	1.7653	17.12154
{14}-{17}	5*60	10*30	5.2418	3.816309	0.171934	-2.3078	12.79138
{14}-{18}	5*60	10*60	3.8527	3.041618	0.207523	-2.1643	9.86975
{14}-{19}	5*60	10*120	7.0013	3.816309	0.068836	-0.5482	14.55091
{14}-{20}	5*60	10*180	13.1848	3.816309	0.000742	5.6352	20.73438
{15}-{16}	5*120	5*180	4.3017	3.881295	0.269759	-3.3765	11.97980
{15}-{17}	5*120	10*30	0.1001	3.816309	0.979120	-7.4495	7.64964
{15}-{18}	5*120	10*60	-1.2890	3.816309	0.736078	-8.8386	6.26054
{15}-{19}	5*120	10*120	1.8596	3.041618	0.542005	-4.1574	7.87664



{15}-{20}	5*120	10*180	8.0431	3.816309	0.036976	0.4935	15.59264
{16}-{17}	5*180	10*30	-4.2016	3.881295	0.281007	-11.8797	3.47652
{16}-{18}	5*180	10*60	-5.5907	3.881295	0.152133	-13.2688	2.08742
{16}-{19}	5*180	10*120	-2.4421	3.881295	0.530319	-10.1202	5.23605
{16}-{20}	5*180	10*180	3.7414	3.122767	0.233041	-2.4362	9.91897
{17}-{18}	10*30	10*60	-1.3891	3.816309	0.716451	-8.9387	6.16046
{17}-{19}	10*30	10*120	1.7595	3.816309	0.645524	-5.7900	9.30909
{17}-{20}	10*30	10*180	7.9430	3.816309	0.039351	0.3934	15.49256
{18}-{19}	10*60	10*120	3.1486	3.816309	0.410845	-4.4009	10.69820
{18}-{20}	10*60	10*180	9.3321	3.816309	0.015800	1.7825	16.88167
{19}-{20}	10*120	10*180	6.1835	3.816309	0.107578	-1.3661	13.73304

**Addendum A (Electronic): Complete record of the statistics of the effect of increasing concentrations of *in vitro* nicotine exposure, increasing time points after collection and (in the case of rats) presence of obesity on the spermatozoal functional parameters of humans/Wistar rats.**

- 1. Tables containing standard error means and significant differences of the effects of increasing concentrations of *in vitro* nicotine exposure and increasing time points, after collection, on the spermatozoal functional parameters of humans (significance indicated in red):**

**a. Static Motile Cells (%)**

Concentration*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)							
Current effect: F(12, 132)=2.5656, p=.00437							
Type V decomposition							
Cell No.	Concentration	Time Point	static-prog - Mean	static-prog - Std.Err.	static-prog - -95.00%	static-prog - +95.00%	N
1	C	30	42.09167	5.842885	30.53386	53.64947	12
2	C	60	35.40000	5.842885	23.84220	46.95780	12

<b>3</b>	C	120	31.70833	5.842885	20.15053	43.26614	12
<b>4</b>	C	180	43.50000	5.842885	31.94220	55.05780	12
<b>5</b>	0.1	30	41.38333	5.842885	29.82553	52.94114	12
<b>6</b>	0.1	60	38.80000	5.842885	27.24220	50.35780	12
<b>7</b>	0.1	120	36.00000	5.842885	24.44220	47.55780	12
<b>8</b>	0.1	180	38.20833	5.842885	26.65053	49.76614	12
<b>9</b>	1	30	36.76667	5.842885	25.20886	48.32447	12
<b>10</b>	1	60	41.53333	5.842885	29.97553	53.09114	12
<b>11</b>	1	120	42.06667	5.842885	30.50886	53.62447	12
<b>12</b>	1	180	42.53333	5.842885	30.97553	54.09114	12
<b>13</b>	5	30	41.35833	5.842885	29.80053	52.91614	12
<b>14</b>	5	60	38.15833	5.842885	26.60053	49.71614	12
<b>15</b>	5	120	50.88333	5.842885	39.32553	62.44114	12

<b>16</b>	5	180	45.71667	5.842885	34.15886	57.27447	12
<b>17</b>	10	30	38.52500	5.842885	26.96720	50.08280	12
<b>18</b>	10	60	39.14167	5.842885	27.58386	50.69947	12
<b>19</b>	10	120	52.92500	5.842885	41.36720	64.48280	12
<b>20</b>	10	180	41.87500	5.842885	30.31720	53.43280	12

LSD test; variable static-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>{1}-{2}</b>	C*30	C*60	6.6917	5.438408	0.220718	-4.0660	17.4494
<b>{1}-{3}</b>	C*30	C*120	10.3833	5.438408	0.058399	-0.3744	21.1410
<b>{1}-{4}</b>	C*30	C*180	-1.4083	5.438408	0.796069	-12.1660	9.3494
<b>{1}-{5}</b>	C*30	0.1*30	0.7083	4.901311	0.885311	-8.9869	10.4036
<b>{1}-{6}</b>	C*30	0.1*60	3.2917	5.851527	0.574708	-8.2832	14.8666

{1}-{7}	C*30	0.1*120	6.0917	5.851527	0.299761	-5.4832	17.6666
{1}-{8}	C*30	0.1*180	3.8833	5.851527	0.508075	-7.6916	15.4582
{1}-{9}	C*30	1*30	5.3250	4.901311	0.279263	-4.3703	15.0203
{1}-{10}	C*30	1*60	0.5583	5.851527	0.924129	-11.0166	12.1332
{1}-{11}	C*30	1*120	0.0250	5.851527	0.996598	-11.5499	11.5999
{1}-{12}	C*30	1*180	-0.4417	5.851527	0.939948	-12.0166	11.1332
{1}-{13}	C*30	5*30	0.7333	4.901311	0.881293	-8.9619	10.4286
{1}-{14}	C*30	5*60	3.9333	5.851527	0.502638	-7.6416	15.5082
{1}-{15}	C*30	5*120	-8.7917	5.851527	0.135368	-20.3666	2.7832
{1}-{16}	C*30	5*180	-3.6250	5.851527	0.536657	-15.1999	7.9499
{1}-{17}	C*30	10*30	3.5667	4.901311	0.468088	-6.1286	13.2619
{1}-{18}	C*30	10*60	2.9500	5.851527	0.615002	-8.6249	14.5249
{1}-{19}	C*30	10*120	-10.8333	5.851527	0.066351	-22.4082	0.7416
{1}-{20}	C*30	10*180	0.2167	5.851527	0.970519	-11.3582	11.7916
{2}-{3}	C*60	C*120	3.6917	5.438408	0.498444	-7.0660	14.4494
{2}-{4}	C*60	C*180	-8.1000	5.438408	0.138766	-18.8577	2.6577
{2}-{5}	C*60	0.1*30	-5.9833	5.851527	0.308403	-17.5582	5.5916
{2}-{6}	C*60	0.1*60	-3.4000	4.901311	0.489094	-13.0953	6.2953
{2}-{7}	C*60	0.1*120	-0.6000	5.851527	0.918486	-12.1749	10.9749

{2}-{8}	C*60	0.1*180	-2.8083	5.851527	0.632070	-14.3832	8.7666
{2}-{9}	C*60	1*30	-1.3667	5.851527	0.815691	-12.9416	10.2082
{2}-{10}	C*60	1*60	-6.1333	4.901311	0.213014	-15.8286	3.5619
{2}-{11}	C*60	1*120	-6.6667	5.851527	0.256640	-18.2416	4.9082
{2}-{12}	C*60	1*180	-7.1333	5.851527	0.224997	-18.7082	4.4416
{2}-{13}	C*60	5*30	-5.9583	5.851527	0.310421	-17.5332	5.6166
{2}-{14}	C*60	5*60	-2.7583	4.901311	0.574543	-12.4536	6.9369
{2}-{15}	C*60	5*120	-15.4833	5.851527	0.009134	-27.0582	-3.9084
{2}-{16}	C*60	5*180	-10.3167	5.851527	0.080202	-21.8916	1.2582
{2}-{17}	C*60	10*30	-3.1250	5.851527	0.594206	-14.6999	8.4499
{2}-{18}	C*60	10*60	-3.7417	4.901311	0.446586	-13.4369	5.9536
{2}-{19}	C*60	10*120	-17.5250	5.851527	0.003279	-29.0999	-5.9501
{2}-{20}	C*60	10*180	-6.4750	5.851527	0.270502	-18.0499	5.0999
{3}-{4}	C*120	C*180	-11.7917	5.438408	0.031935	-22.5494	-1.0340
{3}-{5}	C*120	0.1*30	-9.6750	5.851527	0.100623	-21.2499	1.8999
{3}-{6}	C*120	0.1*60	-7.0917	5.851527	0.227702	-18.6666	4.4832
{3}-{7}	C*120	0.1*120	-4.2917	4.901311	0.382829	-13.9869	5.4036
{3}-{8}	C*120	0.1*180	-6.5000	5.851527	0.268665	-18.0749	5.0749
{3}-{9}	C*120	1*30	-5.0583	5.851527	0.388911	-16.6332	6.5166

{3}-{10}	C*120	1*60	-9.8250	5.851527	0.095508	-21.3999	1.7499
{3}-{11}	C*120	1*120	-10.3583	4.901311	0.036450	-20.0536	-0.6631
{3}-{12}	C*120	1*180	-10.8250	5.851527	0.066558	-22.3999	0.7499
{3}-{13}	C*120	5*30	-9.6500	5.851527	0.101496	-21.2249	1.9249
{3}-{14}	C*120	5*60	-6.4500	5.851527	0.272347	-18.0249	5.1249
{3}-{15}	C*120	5*120	-19.1750	4.901311	0.000146	-28.8703	-9.4797
{3}-{16}	C*120	5*180	-14.0083	5.851527	0.018074	-25.5832	-2.4334
{3}-{17}	C*120	10*30	-6.8167	5.851527	0.246145	-18.3916	4.7582
{3}-{18}	C*120	10*60	-7.4333	5.851527	0.206204	-19.0082	4.1416
{3}-{19}	C*120	10*120	-21.2167	4.901311	0.000029	-30.9119	-11.5214
{3}-{20}	C*120	10*180	-10.1667	5.851527	0.084642	-21.7416	1.4082
{4}-{5}	C*180	0.1*30	2.1167	5.851527	0.718133	-9.4582	13.6916
{4}-{6}	C*180	0.1*60	4.7000	5.851527	0.423298	-6.8749	16.2749
{4}-{7}	C*180	0.1*120	7.5000	5.851527	0.202189	-4.0749	19.0749
{4}-{8}	C*180	0.1*180	5.2917	4.901311	0.282270	-4.4036	14.9869
{4}-{9}	C*180	1*30	6.7333	5.851527	0.251937	-4.8416	18.3082
{4}-{10}	C*180	1*60	1.9667	5.851527	0.737333	-9.6082	13.5416
{4}-{11}	C*180	1*120	1.4333	5.851527	0.806875	-10.1416	13.0082
{4}-{12}	C*180	1*180	0.9667	4.901311	0.843954	-8.7286	10.6619

{4}-{13}	C*180	5*30	2.1417	5.851527	0.714950	-9.4332	13.7166
{4}-{14}	C*180	5*60	5.3417	5.851527	0.362977	-6.2332	16.9166
{4}-{15}	C*180	5*120	-7.3833	5.851527	0.209253	-18.9582	4.1916
{4}-{16}	C*180	5*180	-2.2167	4.901311	0.651824	-11.9119	7.4786
{4}-{17}	C*180	10*30	4.9750	5.851527	0.396750	-6.5999	16.5499
{4}-{18}	C*180	10*60	4.3583	5.851527	0.457705	-7.2166	15.9332
{4}-{19}	C*180	10*120	-9.4250	5.851527	0.109636	-20.9999	2.1499
{4}-{20}	C*180	10*180	1.6250	4.901311	0.740759	-8.0703	11.3203
{5}-{6}	0.1*30	0.1*60	2.5833	5.438408	0.635560	-8.1744	13.3410
{5}-{7}	0.1*30	0.1*120	5.3833	5.438408	0.324047	-5.3744	16.1410
{5}-{8}	0.1*30	0.1*180	3.1750	5.438408	0.560344	-7.5827	13.9327
{5}-{9}	0.1*30	1*30	4.6167	4.901311	0.347952	-5.0786	14.3119
{5}-{10}	0.1*30	1*60	-0.1500	5.851527	0.979588	-11.7249	11.4249
{5}-{11}	0.1*30	1*120	-0.6833	5.851527	0.907213	-12.2582	10.8916
{5}-{12}	0.1*30	1*180	-1.1500	5.851527	0.844498	-12.7249	10.4249
{5}-{13}	0.1*30	5*30	0.0250	4.901311	0.995938	-9.6703	9.7203
{5}-{14}	0.1*30	5*60	3.2250	5.851527	0.582471	-8.3499	14.7999
{5}-{15}	0.1*30	5*120	-9.5000	5.851527	0.106867	-21.0749	2.0749
{5}-{16}	0.1*30	5*180	-4.3333	5.851527	0.460283	-15.9082	7.2416



{5}-{17}	0.1*30	10*30	2.8583	4.901311	0.560769	-6.8369	12.5536
{5}-{18}	0.1*30	10*60	2.2417	5.851527	0.702269	-9.3332	13.8166
{5}-{19}	0.1*30	10*120	-11.5417	5.851527	0.050652	-23.1166	0.0332
{5}-{20}	0.1*30	10*180	-0.4917	5.851527	0.933165	-12.0666	11.0832
{6}-{7}	0.1*60	0.1*120	2.8000	5.438408	0.607514	-7.9577	13.5577
{6}-{8}	0.1*60	0.1*180	0.5917	5.438408	0.913531	-10.1660	11.3494
{6}-{9}	0.1*60	1*30	2.0333	5.851527	0.728778	-9.5416	13.6082
{6}-{10}	0.1*60	1*60	-2.7333	4.901311	0.578012	-12.4286	6.9619
{6}-{11}	0.1*60	1*120	-3.2667	5.851527	0.577613	-14.8416	8.3082
{6}-{12}	0.1*60	1*180	-3.7333	5.851527	0.524572	-15.3082	7.8416
{6}-{13}	0.1*60	5*30	-2.5583	5.851527	0.662675	-14.1332	9.0166
{6}-{14}	0.1*60	5*60	0.6417	4.901311	0.896040	-9.0536	10.3369
{6}-{15}	0.1*60	5*120	-12.0833	5.851527	0.040881	-23.6582	-0.5084
{6}-{16}	0.1*60	5*180	-6.9167	5.851527	0.239320	-18.4916	4.6582
{6}-{17}	0.1*60	10*30	0.2750	5.851527	0.962587	-11.2999	11.8499
{6}-{18}	0.1*60	10*60	-0.3417	4.901311	0.944531	-10.0369	9.3536
{6}-{19}	0.1*60	10*120	-14.1250	5.851527	0.017155	-25.6999	-2.5501
{6}-{20}	0.1*60	10*180	-3.0750	5.851527	0.600115	-14.6499	8.4999
{7}-{8}	0.1*120	0.1*180	-2.2083	5.438408	0.685354	-12.9660	8.5494

{7}-{9}	0.1*120	1*30	-0.7667	5.851527	0.895959	-12.3416	10.8082
{7}-{10}	0.1*120	1*60	-5.5333	5.851527	0.346069	-17.1082	6.0416
{7}-{11}	0.1*120	1*120	-6.0667	4.901311	0.218001	-15.7619	3.6286
{7}-{12}	0.1*120	1*180	-6.5333	5.851527	0.266229	-18.1082	5.0416
{7}-{13}	0.1*120	5*30	-5.3583	5.851527	0.361486	-16.9332	6.2166
{7}-{14}	0.1*120	5*60	-2.1583	5.851527	0.712831	-13.7332	9.4166
{7}-{15}	0.1*120	5*120	-14.8833	4.901311	0.002884	-24.5786	-5.1881
{7}-{16}	0.1*120	5*180	-9.7167	5.851527	0.099180	-21.2916	1.8582
{7}-{17}	0.1*120	10*30	-2.5250	5.851527	0.666801	-14.0999	9.0499
{7}-{18}	0.1*120	10*60	-3.1417	5.851527	0.592243	-14.7166	8.4332
{7}-{19}	0.1*120	10*120	-16.9250	4.901311	0.000745	-26.6203	-7.2297
{7}-{20}	0.1*120	10*180	-5.8750	5.851527	0.317210	-17.4499	5.6999
{8}-{9}	0.1*180	1*30	1.4417	5.851527	0.805775	-10.1332	13.0166
{8}-{10}	0.1*180	1*60	-3.3250	5.851527	0.570846	-14.8999	8.2499
{8}-{11}	0.1*180	1*120	-3.8583	5.851527	0.510806	-15.4332	7.7166
{8}-{12}	0.1*180	1*180	-4.3250	4.901311	0.379156	-14.0203	5.3703
{8}-{13}	0.1*180	5*30	-3.1500	5.851527	0.591262	-14.7249	8.4249
{8}-{14}	0.1*180	5*60	0.0500	5.851527	0.993195	-11.5249	11.6249
{8}-{15}	0.1*180	5*120	-12.6750	5.851527	0.032100	-24.2499	-1.1001

{8}-{16}	0.1*180	5*180	-7.5083	4.901311	0.127940	-17.2036	2.1869
{8}-{17}	0.1*180	10*30	-0.3167	5.851527	0.956924	-11.8916	11.2582
{8}-{18}	0.1*180	10*60	-0.9333	5.851527	0.873517	-12.5082	10.6416
{8}-{19}	0.1*180	10*120	-14.7167	5.851527	0.013103	-26.2916	-3.1418
{8}-{20}	0.1*180	10*180	-3.6667	4.901311	0.455731	-13.3619	6.0286
{9}-{10}	1*30	1*60	-4.7667	5.438408	0.382360	-15.5244	5.9910
{9}-{11}	1*30	1*120	-5.3000	5.438408	0.331566	-16.0577	5.4577
{9}-{12}	1*30	1*180	-5.7667	5.438408	0.290917	-16.5244	4.9910
{9}-{13}	1*30	5*30	-4.5917	4.901311	0.350560	-14.2869	5.1036
{9}-{14}	1*30	5*60	-1.3917	5.851527	0.812382	-12.9666	10.1832
{9}-{15}	1*30	5*120	-14.1167	5.851527	0.017219	-25.6916	-2.5418
{9}-{16}	1*30	5*180	-8.9500	5.851527	0.128530	-20.5249	2.6249
{9}-{17}	1*30	10*30	-1.7583	4.901311	0.720357	-11.4536	7.9369
{9}-{18}	1*30	10*60	-2.3750	5.851527	0.685490	-13.9499	9.1999
{9}-{19}	1*30	10*120	-16.1583	5.851527	0.006576	-27.7332	-4.5834
{9}-{20}	1*30	10*180	-5.1083	5.851527	0.384253	-16.6832	6.4666
{10}-{11}	1*60	1*120	-0.5333	5.438408	0.922027	-11.2910	10.2244
{10}-{12}	1*60	1*180	-1.0000	5.438408	0.854392	-11.7577	9.7577
{10}-{13}	1*60	5*30	0.1750	5.851527	0.976187	-11.3999	11.7499

{10}-{14}	1*60	5*60	3.3750	4.901311	0.492289	-6.3203	13.0703
{10}-{15}	1*60	5*120	-9.3500	5.851527	0.112462	-20.9249	2.2249
{10}-{16}	1*60	5*180	-4.1833	5.851527	0.475925	-15.7582	7.3916
{10}-{17}	1*60	10*30	3.0083	5.851527	0.608034	-8.5666	14.5832
{10}-{18}	1*60	10*60	2.3917	4.901311	0.626384	-7.3036	12.0869
{10}-{19}	1*60	10*120	-11.3917	5.851527	0.053684	-22.9666	0.1832
{10}-{20}	1*60	10*180	-0.3417	5.851527	0.953527	-11.9166	11.2332
{11}-{12}	1*120	1*180	-0.4667	5.438408	0.931748	-11.2244	10.2910
{11}-{13}	1*120	5*30	0.7083	5.851527	0.903835	-10.8666	12.2832
{11}-{14}	1*120	5*60	3.9083	5.851527	0.505353	-7.6666	15.4832
{11}-{15}	1*120	5*120	-8.8167	4.901311	0.074329	-18.5119	0.8786
{11}-{16}	1*120	5*180	-3.6500	5.851527	0.533856	-15.2249	7.9249
{11}-{17}	1*120	10*30	3.5417	5.851527	0.546049	-8.0332	15.1166
{11}-{18}	1*120	10*60	2.9250	5.851527	0.617999	-8.6499	14.4999
{11}-{19}	1*120	10*120	-10.8583	4.901311	0.028447	-20.5536	-1.1631
{11}-{20}	1*120	10*180	0.1917	5.851527	0.973919	-11.3832	11.7666
{12}-{13}	1*180	5*30	1.1750	5.851527	0.841162	-10.3999	12.7499
{12}-{14}	1*180	5*60	4.3750	5.851527	0.455990	-7.1999	15.9499
{12}-{15}	1*180	5*120	-8.3500	5.851527	0.155947	-19.9249	3.2249

{12}-{16}	1*180	5*180	-3.1833	4.901311	0.517153	-12.8786	6.5119
{12}-{17}	1*180	10*30	4.0083	5.851527	0.494541	-7.5666	15.5832
{12}-{18}	1*180	10*60	3.3917	5.851527	0.563158	-8.1832	14.9666
{12}-{19}	1*180	10*120	-10.3917	5.851527	0.078055	-21.9666	1.1832
{12}-{20}	1*180	10*180	0.6583	4.901311	0.893356	-9.0369	10.3536
{13}-{14}	5*30	5*60	3.2000	5.438408	0.557264	-7.5577	13.9577
{13}-{15}	5*30	5*120	-9.5250	5.438408	0.082194	-20.2827	1.2327
{13}-{16}	5*30	5*180	-4.3583	5.438408	0.424341	-15.1160	6.3994
{13}-{17}	5*30	10*30	2.8333	4.901311	0.564197	-6.8619	12.5286
{13}-{18}	5*30	10*60	2.2167	5.851527	0.705431	-9.3582	13.7916
{13}-{19}	5*30	10*120	-11.5667	5.851527	0.050161	-23.1416	0.0082
{13}-{20}	5*30	10*180	-0.5167	5.851527	0.929775	-12.0916	11.0582
{14}-{15}	5*60	5*120	-12.7250	5.438408	0.020792	-23.4827	-1.9673
{14}-{16}	5*60	5*180	-7.5583	5.438408	0.166927	-18.3160	3.1994
{14}-{17}	5*60	10*30	-0.3667	5.851527	0.950131	-11.9416	11.2082
{14}-{18}	5*60	10*60	-0.9833	4.901311	0.841299	-10.6786	8.7119
{14}-{19}	5*60	10*120	-14.7667	5.851527	0.012803	-26.3416	-3.1918
{14}-{20}	5*60	10*180	-3.7167	5.851527	0.526422	-15.2916	7.8582
{15}-{16}	5*120	5*180	5.1667	5.438408	0.343832	-5.5910	15.9244

{15}-{17}	5*120	10*30	12.3583	5.851527	0.036572	0.7834	23.9332
{15}-{18}	5*120	10*60	11.7417	5.851527	0.046835	0.1668	23.3166
{15}-{19}	5*120	10*120	-2.0417	4.901311	0.677680	-11.7369	7.6536
{15}-{20}	5*120	10*180	9.0083	5.851527	0.126080	-2.5666	20.5832
{16}-{17}	5*180	10*30	7.1917	5.851527	0.221249	-4.3832	18.7666
{16}-{18}	5*180	10*60	6.5750	5.851527	0.263206	-4.9999	18.1499
{16}-{19}	5*180	10*120	-7.2083	5.851527	0.220187	-18.7832	4.3666
{16}-{20}	5*180	10*180	3.8417	4.901311	0.434559	-5.8536	13.5369
{17}-{18}	10*30	10*60	-0.6167	5.438408	0.909893	-11.3744	10.1410
{17}-{19}	10*30	10*120	-14.4000	5.438408	0.009088	-25.1577	-3.6423
{17}-{20}	10*30	10*180	-3.3500	5.438408	0.538962	-14.1077	7.4077
{18}-{19}	10*60	10*120	-13.7833	5.438408	0.012431	-24.5410	-3.0256
{18}-{20}	10*60	10*180	-2.7333	5.438408	0.616084	-13.4910	8.0244
{19}-{20}	10*120	10*180	11.0500	5.438408	0.044176	0.2923	21.8077

### b. Non-Progressive Motile Cells (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=1.3582, p=.19402

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>NP motile-prog - Mean</b>	<b>NP motile-prog - Std.Err.</b>	<b>NP motile-prog - -95.00%</b>	<b>NP motile-prog - +95.00%</b>	<b>N</b>
1	C	30	23.11667	2.192018	18.78064	27.45270	12
2	C	60	19.61667	2.192018	15.28064	23.95270	12
3	C	120	20.65000	2.192018	16.31397	24.98603	12
4	C	180	22.65000	2.192018	18.31397	26.98603	12
5	0.1	30	19.34167	2.192018	15.00564	23.67770	12
6	0.1	60	18.42500	2.192018	14.08897	22.76103	12
7	0.1	120	23.67500	2.192018	19.33897	28.01103	12
8	0.1	180	28.01667	2.192018	23.68064	32.35270	12
9	1	30	23.97500	2.192018	19.63897	28.31103	12
10	1	60	17.40000	2.192018	13.06397	21.73603	12
11	1	120	28.75833	2.192018	24.42230	33.09436	12

<b>12</b>	1	180	27.57500	2.192018	23.23897	31.91103	12
<b>13</b>	5	30	21.94167	2.192018	17.60564	26.27770	12
<b>14</b>	5	60	20.73333	2.192018	16.39730	25.06936	12
<b>15</b>	5	120	25.51667	2.192018	21.18064	29.85270	12
<b>16</b>	5	180	25.88333	2.192018	21.54730	30.21936	12
<b>17</b>	10	30	23.40833	2.192018	19.07230	27.74436	12
<b>18</b>	10	60	22.91667	2.192018	18.58064	27.25270	12
<b>19</b>	10	120	26.40833	2.192018	22.07230	30.74436	12
<b>20</b>	10	180	31.15000	2.192018	26.81397	35.48603	12

LSD test; variable NP motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	3.5000	2.914246	0.231903	-2.2647	9.26467
{1}-{3}	C*30	C*120	2.4667	2.914246	0.398852	-3.2980	8.23133
{1}-{4}	C*30	C*180	0.4667	2.914246	0.873021	-5.2980	6.23133
{1}-{5}	C*30	0.1*30	3.7750	2.731942	0.169367	-1.6291	9.17905
{1}-{6}	C*30	0.1*60	4.6917	2.956278	0.114901	-1.1561	10.53948
{1}-{7}	C*30	0.1*120	-0.5583	2.956278	0.850490	-6.4061	5.28948
{1}-{8}	C*30	0.1*180	-4.9000	2.956278	0.099795	-10.7478	0.94781
{1}-{9}	C*30	1*30	-0.8583	2.731942	0.753877	-6.2624	4.54572
{1}-{10}	C*30	1*60	5.7167	2.956278	0.055286	-0.1311	11.56448
{1}-{11}	C*30	1*120	-5.6417	2.956278	0.058515	-11.4895	0.20614
{1}-{12}	C*30	1*180	-4.4583	2.956278	0.133921	-10.3061	1.38948
{1}-{13}	C*30	5*30	1.1750	2.731942	0.667826	-4.2291	6.57905
{1}-{14}	C*30	5*60	2.3833	2.956278	0.421581	-3.4645	8.23114
{1}-{15}	C*30	5*120	-2.4000	2.956278	0.418350	-8.2478	3.44781
{1}-{16}	C*30	5*180	-2.7667	2.956278	0.351054	-8.6145	3.08114
{1}-{17}	C*30	10*30	-0.2917	2.731942	0.915140	-5.6957	5.11238
{1}-{18}	C*30	10*60	0.2000	2.956278	0.946165	-5.6478	6.04781
{1}-{19}	C*30	10*120	-3.2917	2.956278	0.267539	-9.1395	2.55614

{1}-{20}	C*30	10*180	-8.0333	2.956278	0.007463	-13.8811	-2.18552
{2}-{3}	C*60	C*120	-1.0333	2.914246	0.723470	-6.7980	4.73133
{2}-{4}	C*60	C*180	-3.0333	2.914246	0.299841	-8.7980	2.73133
{2}-{5}	C*60	0.1*30	0.2750	2.956278	0.926027	-5.5728	6.12281
{2}-{6}	C*60	0.1*60	1.1917	2.731942	0.663406	-4.2124	6.59572
{2}-{7}	C*60	0.1*120	-4.0583	2.956278	0.172147	-9.9061	1.78948
{2}-{8}	C*60	0.1*180	-8.4000	2.956278	0.005205	-14.2478	-2.55219
{2}-{9}	C*60	1*30	-4.3583	2.956278	0.142792	-10.2061	1.48948
{2}-{10}	C*60	1*60	2.2167	2.731942	0.418603	-3.1874	7.62072
{2}-{11}	C*60	1*120	-9.1417	2.956278	0.002424	-14.9895	-3.29386
{2}-{12}	C*60	1*180	-7.9583	2.956278	0.008023	-13.8061	-2.11052
{2}-{13}	C*60	5*30	-2.3250	2.956278	0.433007	-8.1728	3.52281
{2}-{14}	C*60	5*60	-1.1167	2.731942	0.683389	-6.5207	4.28738
{2}-{15}	C*60	5*120	-5.9000	2.956278	0.048019	-11.7478	-0.05219
{2}-{16}	C*60	5*180	-6.2667	2.956278	0.035896	-12.1145	-0.41886
{2}-{17}	C*60	10*30	-3.7917	2.956278	0.201887	-9.6395	2.05614
{2}-{18}	C*60	10*60	-3.3000	2.731942	0.229233	-8.7041	2.10405
{2}-{19}	C*60	10*120	-6.7917	2.956278	0.023171	-12.6395	-0.94386
{2}-{20}	C*60	10*180	-11.5333	2.956278	0.000152	-17.3811	-5.68552

{3}-{4}	C*120	C*180	-2.0000	2.914246	0.493738	-7.7647	3.76467
{3}-{5}	C*120	0.1*30	1.3083	2.956278	0.658808	-4.5395	7.15614
{3}-{6}	C*120	0.1*60	2.2250	2.956278	0.453009	-3.6228	8.07281
{3}-{7}	C*120	0.1*120	-3.0250	2.731942	0.270190	-8.4291	2.37905
{3}-{8}	C*120	0.1*180	-7.3667	2.956278	0.013946	-13.2145	-1.51886
{3}-{9}	C*120	1*30	-3.3250	2.956278	0.262747	-9.1728	2.52281
{3}-{10}	C*120	1*60	3.2500	2.956278	0.273614	-2.5978	9.09781
{3}-{11}	C*120	1*120	-8.1083	2.731942	0.003561	-13.5124	-2.70428
{3}-{12}	C*120	1*180	-6.9250	2.956278	0.020652	-12.7728	-1.07719
{3}-{13}	C*120	5*30	-1.2917	2.956278	0.662881	-7.1395	4.55614
{3}-{14}	C*120	5*60	-0.0833	2.956278	0.977554	-5.9311	5.76448
{3}-{15}	C*120	5*120	-4.8667	2.731942	0.077148	-10.2707	0.53738
{3}-{16}	C*120	5*180	-5.2333	2.956278	0.078995	-11.0811	0.61448
{3}-{17}	C*120	10*30	-2.7583	2.956278	0.352502	-8.6061	3.08948
{3}-{18}	C*120	10*60	-2.2667	2.956278	0.444611	-8.1145	3.58114
{3}-{19}	C*120	10*120	-5.7583	2.731942	0.036941	-11.1624	-0.35428
{3}-{20}	C*120	10*180	-10.5000	2.956278	0.000531	-16.3478	-4.65219
{4}-{5}	C*180	0.1*30	3.3083	2.956278	0.265135	-2.5395	9.15614
{4}-{6}	C*180	0.1*60	4.2250	2.956278	0.155320	-1.6228	10.07281

{4}-{7}	C*180	0.1*120	-1.0250	2.956278	0.729354	-6.8728	4.82281
{4}-{8}	C*180	0.1*180	-5.3667	2.731942	0.051583	-10.7707	0.03738
{4}-{9}	C*180	1*30	-1.3250	2.956278	0.654745	-7.1728	4.52281
{4}-{10}	C*180	1*60	5.2500	2.956278	0.078057	-0.5978	11.09781
{4}-{11}	C*180	1*120	-6.1083	2.956278	0.040763	-11.9561	-0.26052
{4}-{12}	C*180	1*180	-4.9250	2.731942	0.073709	-10.3291	0.47905
{4}-{13}	C*180	5*30	0.7083	2.956278	0.811010	-5.1395	6.55614
{4}-{14}	C*180	5*60	1.9167	2.956278	0.517893	-3.9311	7.76448
{4}-{15}	C*180	5*120	-2.8667	2.956278	0.333976	-8.7145	2.98114
{4}-{16}	C*180	5*180	-3.2333	2.731942	0.238726	-8.6374	2.17072
{4}-{17}	C*180	10*30	-0.7583	2.956278	0.797952	-6.6061	5.08948
{4}-{18}	C*180	10*60	-0.2667	2.956278	0.928262	-6.1145	5.58114
{4}-{19}	C*180	10*120	-3.7583	2.956278	0.205856	-9.6061	2.08948
{4}-{20}	C*180	10*180	-8.5000	2.731942	0.002283	-13.9041	-3.09595
{5}-{6}	0.1*30	0.1*60	0.9167	2.914246	0.753602	-4.8480	6.68133
{5}-{7}	0.1*30	0.1*120	-4.3333	2.914246	0.139413	-10.0980	1.43133
{5}-{8}	0.1*30	0.1*180	-8.6750	2.914246	0.003466	-14.4397	-2.91033
{5}-{9}	0.1*30	1*30	-4.6333	2.731942	0.092246	-10.0374	0.77072
{5}-{10}	0.1*30	1*60	1.9417	2.956278	0.512457	-3.9061	7.78948

{5}-{11}	0.1*30	1*120	-9.4167	2.956278	0.001805	-15.2645	-3.56886
{5}-{12}	0.1*30	1*180	-8.2333	2.956278	0.006140	-14.0811	-2.38552
{5}-{13}	0.1*30	5*30	-2.6000	2.731942	0.342986	-8.0041	2.80405
{5}-{14}	0.1*30	5*60	-1.3917	2.956278	0.638597	-7.2395	4.45614
{5}-{15}	0.1*30	5*120	-6.1750	2.956278	0.038649	-12.0228	-0.32719
{5}-{16}	0.1*30	5*180	-6.5417	2.956278	0.028630	-12.3895	-0.69386
{5}-{17}	0.1*30	10*30	-4.0667	2.731942	0.138988	-9.4707	1.33738
{5}-{18}	0.1*30	10*60	-3.5750	2.956278	0.228713	-9.4228	2.27281
{5}-{19}	0.1*30	10*120	-7.0667	2.956278	0.018243	-12.9145	-1.21886
{5}-{20}	0.1*30	10*180	-11.8083	2.956278	0.000107	-17.6561	-5.96052
{6}-{7}	0.1*60	0.1*120	-5.2500	2.914246	0.073907	-11.0147	0.51467
{6}-{8}	0.1*60	0.1*180	-9.5917	2.914246	0.001279	-15.3563	-3.82700
{6}-{9}	0.1*60	1*30	-5.5500	2.956278	0.062676	-11.3978	0.29781
{6}-{10}	0.1*60	1*60	1.0250	2.731942	0.708121	-4.3791	6.42905
{6}-{11}	0.1*60	1*120	-10.3333	2.956278	0.000645	-16.1811	-4.48552
{6}-{12}	0.1*60	1*180	-9.1500	2.956278	0.002403	-14.9978	-3.30219
{6}-{13}	0.1*60	5*30	-3.5167	2.956278	0.236355	-9.3645	2.33114
{6}-{14}	0.1*60	5*60	-2.3083	2.731942	0.399672	-7.7124	3.09572
{6}-{15}	0.1*60	5*120	-7.0917	2.956278	0.017844	-12.9395	-1.24386

{6}-{16}	0.1*60	5*180	-7.4583	2.956278	0.012827	-13.3061	-1.61052
{6}-{17}	0.1*60	10*30	-4.9833	2.956278	0.094220	-10.8311	0.86448
{6}-{18}	0.1*60	10*60	-4.4917	2.731942	0.102529	-9.8957	0.91238
{6}-{19}	0.1*60	10*120	-7.9833	2.956278	0.007832	-13.8311	-2.13552
{6}-{20}	0.1*60	10*180	-12.7250	2.956278	0.000032	-18.5728	-6.87719
{7}-{8}	0.1*120	0.1*180	-4.3417	2.914246	0.138660	-10.1063	1.42300
{7}-{9}	0.1*120	1*30	-0.3000	2.956278	0.919324	-6.1478	5.54781
{7}-{10}	0.1*120	1*60	6.2750	2.956278	0.035655	0.4272	12.12281
{7}-{11}	0.1*120	1*120	-5.0833	2.731942	0.065011	-10.4874	0.32072
{7}-{12}	0.1*120	1*180	-3.9000	2.956278	0.189377	-9.7478	1.94781
{7}-{13}	0.1*120	5*30	1.7333	2.956278	0.558660	-4.1145	7.58114
{7}-{14}	0.1*120	5*60	2.9417	2.956278	0.321529	-2.9061	8.78948
{7}-{15}	0.1*120	5*120	-1.8417	2.731942	0.501411	-7.2457	3.56238
{7}-{16}	0.1*120	5*180	-2.2083	2.956278	0.456393	-8.0561	3.63948
{7}-{17}	0.1*120	10*30	0.2667	2.956278	0.928262	-5.5811	6.11448
{7}-{18}	0.1*120	10*60	0.7583	2.956278	0.797952	-5.0895	6.60614
{7}-{19}	0.1*120	10*120	-2.7333	2.731942	0.318895	-8.1374	2.67072
{7}-{20}	0.1*120	10*180	-7.4750	2.956278	0.012632	-13.3228	-1.62719
{8}-{9}	0.1*180	1*30	4.0417	2.956278	0.173903	-1.8061	9.88948

{8}-{10}	0.1*180	1*60	10.6167	2.956278	0.000463	4.7689	16.46448
{8}-{11}	0.1*180	1*120	-0.7417	2.956278	0.802298	-6.5895	5.10614
{8}-{12}	0.1*180	1*180	0.4417	2.731942	0.871815	-4.9624	5.84572
{8}-{13}	0.1*180	5*30	6.0750	2.956278	0.041856	0.2272	11.92281
{8}-{14}	0.1*180	5*60	7.2833	2.956278	0.015038	1.4355	13.13114
{8}-{15}	0.1*180	5*120	2.5000	2.956278	0.399274	-3.3478	8.34781
{8}-{16}	0.1*180	5*180	2.1333	2.731942	0.436268	-3.2707	7.53738
{8}-{17}	0.1*180	10*30	4.6083	2.956278	0.121431	-1.2395	10.45614
{8}-{18}	0.1*180	10*60	5.1000	2.956278	0.086842	-0.7478	10.94781
{8}-{19}	0.1*180	10*120	1.6083	2.956278	0.587332	-4.2395	7.45614
{8}-{20}	0.1*180	10*180	-3.1333	2.731942	0.253487	-8.5374	2.27072
{9}-{10}	1*30	1*60	6.5750	2.914246	0.025705	0.8103	12.33967
{9}-{11}	1*30	1*120	-4.7833	2.914246	0.103103	-10.5480	0.98133
{9}-{12}	1*30	1*180	-3.6000	2.914246	0.218909	-9.3647	2.16467
{9}-{13}	1*30	5*30	2.0333	2.731942	0.458029	-3.3707	7.43738
{9}-{14}	1*30	5*60	3.2417	2.956278	0.274841	-2.6061	9.08948
{9}-{15}	1*30	5*120	-1.5417	2.956278	0.602900	-7.3895	4.30614
{9}-{16}	1*30	5*180	-1.9083	2.956278	0.519712	-7.7561	3.93948
{9}-{17}	1*30	10*30	0.5667	2.731942	0.835999	-4.8374	5.97072

{9}-{18}	1*30	10*60	1.0583	2.956278	0.720919	-4.7895	6.90614
{9}-{19}	1*30	10*120	-2.4333	2.956278	0.411932	-8.2811	3.41448
{9}-{20}	1*30	10*180	-7.1750	2.956278	0.016572	-13.0228	-1.32719
{10}-{11}	1*60	1*120	-11.3583	2.914246	0.000154	-17.1230	-5.59367
{10}-{12}	1*60	1*180	-10.1750	2.914246	0.000654	-15.9397	-4.41033
{10}-{13}	1*60	5*30	-4.5417	2.956278	0.126864	-10.3895	1.30614
{10}-{14}	1*60	5*60	-3.3333	2.731942	0.224590	-8.7374	2.07072
{10}-{15}	1*60	5*120	-8.1167	2.956278	0.006883	-13.9645	-2.26886
{10}-{16}	1*60	5*180	-8.4833	2.956278	0.004788	-14.3311	-2.63552
{10}-{17}	1*60	10*30	-6.0083	2.956278	0.044119	-11.8561	-0.16052
{10}-{18}	1*60	10*60	-5.5167	2.731942	0.045479	-10.9207	-0.11262
{10}-{19}	1*60	10*120	-9.0083	2.956278	0.002791	-14.8561	-3.16052
{10}-{20}	1*60	10*180	-13.7500	2.956278	0.000008	-19.5978	-7.90219
{11}-{12}	1*120	1*180	1.1833	2.914246	0.685362	-4.5813	6.94800
{11}-{13}	1*120	5*30	6.8167	2.956278	0.022679	0.9689	12.66448
{11}-{14}	1*120	5*60	8.0250	2.956278	0.007524	2.1772	13.87281
{11}-{15}	1*120	5*120	3.2417	2.731942	0.237525	-2.1624	8.64572
{11}-{16}	1*120	5*180	2.8750	2.956278	0.332577	-2.9728	8.72281
{11}-{17}	1*120	10*30	5.3500	2.956278	0.072616	-0.4978	11.19781



{11}-{18}	1*120	10*60	5.8417	2.956278	0.050238	-0.0061	11.68948
{11}-{19}	1*120	10*120	2.3500	2.731942	0.391242	-3.0541	7.75405
{11}-{20}	1*120	10*180	-2.3917	2.956278	0.419964	-8.2395	3.45614
{12}-{13}	1*180	5*30	5.6333	2.956278	0.058883	-0.2145	11.48114
{12}-{14}	1*180	5*60	6.8417	2.956278	0.022196	0.9939	12.68948
{12}-{15}	1*180	5*120	2.0583	2.956278	0.487491	-3.7895	7.90614
{12}-{16}	1*180	5*180	1.6917	2.731942	0.536840	-3.7124	7.09572
{12}-{17}	1*180	10*30	4.1667	2.956278	0.161060	-1.6811	10.01448
{12}-{18}	1*180	10*60	4.6583	2.956278	0.117479	-1.1895	10.50614
{12}-{19}	1*180	10*120	1.1667	2.956278	0.693745	-4.6811	7.01448
{12}-{20}	1*180	10*180	-3.5750	2.731942	0.192946	-8.9791	1.82905
{13}-{14}	5*30	5*60	1.2083	2.914246	0.679086	-4.5563	6.97300
{13}-{15}	5*30	5*120	-3.5750	2.914246	0.222107	-9.3397	2.18967
{13}-{16}	5*30	5*180	-3.9417	2.914246	0.178512	-9.7063	1.82300
{13}-{17}	5*30	10*30	-1.4667	2.731942	0.592269	-6.8707	3.93738
{13}-{18}	5*30	10*60	-0.9750	2.956278	0.742069	-6.8228	4.87281
{13}-{19}	5*30	10*120	-4.4667	2.956278	0.133202	-10.3145	1.38114
{13}-{20}	5*30	10*180	-9.2083	2.956278	0.002258	-15.0561	-3.36052
{14}-{15}	5*60	5*120	-4.7833	2.914246	0.103103	-10.5480	0.98133

{14}-{16}	5*60	5*180	-5.1500	2.914246	0.079509	-10.9147	0.61467
{14}-{17}	5*60	10*30	-2.6750	2.956278	0.367191	-8.5228	3.17281
{14}-{18}	5*60	10*60	-2.1833	2.731942	0.425617	-7.5874	3.22072
{14}-{19}	5*60	10*120	-5.6750	2.956278	0.057061	-11.5228	0.17281
{14}-{20}	5*60	10*180	-10.4167	2.956278	0.000586	-16.2645	-4.56886
{15}-{16}	5*120	5*180	-0.3667	2.914246	0.900067	-6.1313	5.39800
{15}-{17}	5*120	10*30	2.1083	2.956278	0.476999	-3.7395	7.95614
{15}-{18}	5*120	10*60	2.6000	2.956278	0.380737	-3.2478	8.44781
{15}-{19}	5*120	10*120	-0.8917	2.731942	0.744649	-6.2957	4.51238
{15}-{20}	5*120	10*180	-5.6333	2.956278	0.058883	-11.4811	0.21448
{16}-{17}	5*180	10*30	2.4750	2.956278	0.403993	-3.3728	8.32281
{16}-{18}	5*180	10*60	2.9667	2.956278	0.317449	-2.8811	8.81448
{16}-{19}	5*180	10*120	-0.5250	2.956278	0.859319	-6.3728	5.32281
{16}-{20}	5*180	10*180	-5.2667	2.731942	0.056026	-10.6707	0.13738
{17}-{18}	10*30	10*60	0.4917	2.914246	0.866282	-5.2730	6.25633
{17}-{19}	10*30	10*120	-3.0000	2.914246	0.305162	-8.7647	2.76467
{17}-{20}	10*30	10*180	-7.7417	2.914246	0.008870	-13.5063	-1.97700
{18}-{19}	10*60	10*120	-3.4917	2.914246	0.233010	-9.2563	2.27300
{18}-{20}	10*60	10*180	-8.2333	2.914246	0.005459	-13.9980	-2.46867

{19}-{20}	10*120	10*180	-4.7417	2.914246	0.106108	-10.5063	1.02300
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### c. Progressive Motile Cells (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.7758, p=.00212

Type V decomposition

Cell No.	Concentration	Time Point	P motile-prog - Mean	P motile-prog - Std.Err.	P motile-prog - -95.00%	P motile-prog - +95.00%	N
1	C	30	34.82500	5.982389	22.99124	46.65876	12
2	C	60	45.00833	5.982389	33.17458	56.84209	12
3	C	120	47.64167	5.982389	35.80791	59.47542	12
4	C	180	33.86667	5.982389	22.03291	45.70042	12
5	0.1	30	39.24167	5.982389	27.40791	51.07542	12
6	0.1	60	42.77500	5.982389	30.94124	54.60876	12

<b>7</b>	0.1	120	40.30833	5.982389	28.47458	52.14209	12
<b>8</b>	0.1	180	33.76667	5.982389	21.93291	45.60042	12
<b>9</b>	1	30	39.25833	5.982389	27.42458	51.09209	12
<b>10</b>	1	60	41.06667	5.982389	29.23291	52.90042	12
<b>11</b>	1	120	29.19167	5.982389	17.35791	41.02542	12
<b>12</b>	1	180	29.90000	5.982389	18.06624	41.73376	12
<b>13</b>	5	30	36.74167	5.982389	24.90791	48.57542	12
<b>14</b>	5	60	41.13333	5.982389	29.29958	52.96709	12
<b>15</b>	5	120	23.56667	5.982389	11.73291	35.40042	12
<b>16</b>	5	180	28.39167	5.982389	16.55791	40.22542	12
<b>17</b>	10	30	38.07500	5.982389	26.24124	49.90876	12
<b>18</b>	10	60	37.94167	5.982389	26.10791	49.77542	12
<b>19</b>	10	120	20.65833	5.982389	8.82458	32.49209	12

20	10	180	27.06667	5.982389	15.23291	38.90042	12
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LSD test; variable P motile-prog (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-10.1833	5.716715	0.077159	-21.4916	1.12489
{1}-{3}	C*30	C*120	-12.8167	5.716715	0.026633	-24.1249	-1.50844
{1}-{4}	C*30	C*180	0.9583	5.716715	0.867125	-10.3499	12.26656
{1}-{5}	C*30	0.1*30	-4.4167	4.974093	0.376191	-14.2559	5.42258
{1}-{6}	C*30	0.1*60	-7.9500	6.106470	0.195219	-20.0292	4.12920
{1}-{7}	C*30	0.1*120	-5.4833	6.106470	0.370845	-17.5625	6.59587
{1}-{8}	C*30	0.1*180	1.0583	6.106470	0.862671	-11.0209	13.13753
{1}-{9}	C*30	1*30	-4.4333	4.974093	0.374398	-14.2726	5.40591
{1}-{10}	C*30	1*60	-6.2417	6.106470	0.308584	-18.3209	5.83753
{1}-{11}	C*30	1*120	5.6333	6.106470	0.357941	-6.4459	17.71253
{1}-{12}	C*30	1*180	4.9250	6.106470	0.421393	-7.1542	17.00420

{1}-{13}	C*30	5*30	-1.9167	4.974093	0.700613	-11.7559	7.92258
{1}-{14}	C*30	5*60	-6.3083	6.106470	0.303466	-18.3875	5.77087
{1}-{15}	C*30	5*120	11.2583	6.106470	0.067473	-0.8209	23.33753
{1}-{16}	C*30	5*180	6.4333	6.106470	0.294024	-5.6459	18.51253
{1}-{17}	C*30	10*30	-3.2500	4.974093	0.514644	-13.0892	6.58925
{1}-{18}	C*30	10*60	-3.1167	6.106470	0.610632	-15.1959	8.96253
{1}-{19}	C*30	10*120	14.1667	6.106470	0.021878	2.0875	26.24587
{1}-{20}	C*30	10*180	7.7583	6.106470	0.206138	-4.3209	19.83753
{2}-{3}	C*60	C*120	-2.6333	5.716715	0.645817	-13.9416	8.67489
{2}-{4}	C*60	C*180	11.1417	5.716715	0.053421	-0.1666	22.44989
{2}-{5}	C*60	0.1*30	5.7667	6.106470	0.346714	-6.3125	17.84587
{2}-{6}	C*60	0.1*60	2.2333	4.974093	0.654173	-7.6059	12.07258
{2}-{7}	C*60	0.1*120	4.7000	6.106470	0.442868	-7.3792	16.77920
{2}-{8}	C*60	0.1*180	11.2417	6.106470	0.067875	-0.8375	23.32087
{2}-{9}	C*60	1*30	5.7500	6.106470	0.348105	-6.3292	17.82920
{2}-{10}	C*60	1*60	3.9417	4.974093	0.429526	-5.8976	13.78091
{2}-{11}	C*60	1*120	15.8167	6.106470	0.010671	3.7375	27.89587
{2}-{12}	C*60	1*180	15.1083	6.106470	0.014624	3.0291	27.18753
{2}-{13}	C*60	5*30	8.2667	6.106470	0.178128	-3.8125	20.34587

{2}-{14}	C*60	5*60	3.8750	4.974093	0.437353	-5.9642	13.71425
{2}-{15}	C*60	5*120	21.4417	6.106470	0.000611	9.3625	33.52087
{2}-{16}	C*60	5*180	16.6167	6.106470	0.007383	4.5375	28.69587
{2}-{17}	C*60	10*30	6.9333	6.106470	0.258262	-5.1459	19.01253
{2}-{18}	C*60	10*60	7.0667	4.974093	0.157763	-2.7726	16.90591
{2}-{19}	C*60	10*120	24.3500	6.106470	0.000110	12.2708	36.42920
{2}-{20}	C*60	10*180	17.9417	6.106470	0.003898	5.8625	30.02087
{3}-{4}	C*120	C*180	13.7750	5.716715	0.017349	2.4668	25.08323
{3}-{5}	C*120	0.1*30	8.4000	6.106470	0.171278	-3.6792	20.47920
{3}-{6}	C*120	0.1*60	4.8667	6.106470	0.426900	-7.2125	16.94587
{3}-{7}	C*120	0.1*120	7.3333	4.974093	0.142780	-2.5059	17.17258
{3}-{8}	C*120	0.1*180	13.8750	6.106470	0.024693	1.7958	25.95420
{3}-{9}	C*120	1*30	8.3833	6.106470	0.172123	-3.6959	20.46253
{3}-{10}	C*120	1*60	6.5750	6.106470	0.283566	-5.5042	18.65420
{3}-{11}	C*120	1*120	18.4500	4.974093	0.000305	8.6108	28.28925
{3}-{12}	C*120	1*180	17.7417	6.106470	0.004302	5.6625	29.82087
{3}-{13}	C*120	5*30	10.9000	6.106470	0.076559	-1.1792	22.97920
{3}-{14}	C*120	5*60	6.5083	6.106470	0.288455	-5.5709	18.58753
{3}-{15}	C*120	5*120	24.0750	4.974093	0.000004	14.2358	33.91425

{3}-{16}	C*120	5*180	19.2500	6.106470	0.002005	7.1708	31.32920
{3}-{17}	C*120	10*30	9.5667	6.106470	0.119592	-2.5125	21.64587
{3}-{18}	C*120	10*60	9.7000	6.106470	0.114570	-2.3792	21.77920
{3}-{19}	C*120	10*120	26.9833	4.974093	0.000000	17.1441	36.82258
{3}-{20}	C*120	10*180	20.5750	6.106470	0.000988	8.4958	32.65420
{4}-{5}	C*180	0.1*30	-5.3750	6.106470	0.380343	-17.4542	6.70420
{4}-{6}	C*180	0.1*60	-8.9083	6.106470	0.146986	-20.9875	3.17087
{4}-{7}	C*180	0.1*120	-6.4417	6.106470	0.293402	-18.5209	5.63753
{4}-{8}	C*180	0.1*180	0.1000	4.974093	0.983991	-9.7392	9.93925
{4}-{9}	C*180	1*30	-5.3917	6.106470	0.378872	-17.4709	6.68753
{4}-{10}	C*180	1*60	-7.2000	6.106470	0.240488	-19.2792	4.87920
{4}-{11}	C*180	1*120	4.6750	6.106470	0.445292	-7.4042	16.75420
{4}-{12}	C*180	1*180	3.9667	4.974093	0.426613	-5.8726	13.80591
{4}-{13}	C*180	5*30	-2.8750	6.106470	0.638552	-14.9542	9.20420
{4}-{14}	C*180	5*60	-7.2667	6.106470	0.236184	-19.3459	4.81253
{4}-{15}	C*180	5*120	10.3000	6.106470	0.094016	-1.7792	22.37920
{4}-{16}	C*180	5*180	5.4750	4.974093	0.273029	-4.3642	15.31425
{4}-{17}	C*180	10*30	-4.2083	6.106470	0.491932	-16.2875	7.87087
{4}-{18}	C*180	10*60	-4.0750	6.106470	0.505730	-16.1542	8.00420



{4}-{19}	C*180	10*120	13.2083	6.106470	0.032342	1.1291	25.28753
{4}-{20}	C*180	10*180	6.8000	4.974093	0.173923	-3.0392	16.63925
{5}-{6}	0.1*30	0.1*60	-3.5333	5.716715	0.537594	-14.8416	7.77489
{5}-{7}	0.1*30	0.1*120	-1.0667	5.716715	0.852271	-12.3749	10.24156
{5}-{8}	0.1*30	0.1*180	5.4750	5.716715	0.339956	-5.8332	16.78323
{5}-{9}	0.1*30	1*30	-0.0167	4.974093	0.997332	-9.8559	9.82258
{5}-{10}	0.1*30	1*60	-1.8250	6.106470	0.765514	-13.9042	10.25420
{5}-{11}	0.1*30	1*120	10.0500	6.106470	0.102185	-2.0292	22.12920
{5}-{12}	0.1*30	1*180	9.3417	6.106470	0.128460	-2.7375	21.42087
{5}-{13}	0.1*30	5*30	2.5000	4.974093	0.616080	-7.3392	12.33925
{5}-{14}	0.1*30	5*60	-1.8917	6.106470	0.757216	-13.9709	10.18753
{5}-{15}	0.1*30	5*120	15.6750	6.106470	0.011375	3.5958	27.75420
{5}-{16}	0.1*30	5*180	10.8500	6.106470	0.077904	-1.2292	22.92920
{5}-{17}	0.1*30	10*30	1.1667	4.974093	0.814923	-8.6726	11.00591
{5}-{18}	0.1*30	10*60	1.3000	6.106470	0.831742	-10.7792	13.37920
{5}-{19}	0.1*30	10*120	18.5833	6.106470	0.002825	6.5041	30.66253
{5}-{20}	0.1*30	10*180	12.1750	6.106470	0.048236	0.0958	24.25420
{6}-{7}	0.1*60	0.1*120	2.4667	5.716715	0.666821	-8.8416	13.77489
{6}-{8}	0.1*60	0.1*180	9.0083	5.716715	0.117468	-2.2999	20.31656

{6}-{9}	0.1*60	1*30	3.5167	6.106470	0.565669	-8.5625	15.59587
{6}-{10}	0.1*60	1*60	1.7083	4.974093	0.731809	-8.1309	11.54758
{6}-{11}	0.1*60	1*120	13.5833	6.106470	0.027819	1.5041	25.66253
{6}-{12}	0.1*60	1*180	12.8750	6.106470	0.036885	0.7958	24.95420
{6}-{13}	0.1*60	5*30	6.0333	6.106470	0.324949	-6.0459	18.11253
{6}-{14}	0.1*60	5*60	1.6417	4.974093	0.741890	-8.1976	11.48091
{6}-{15}	0.1*60	5*120	19.2083	6.106470	0.002049	7.1291	31.28753
{6}-{16}	0.1*60	5*180	14.3833	6.106470	0.019974	2.3041	26.46253
{6}-{17}	0.1*60	10*30	4.7000	6.106470	0.442868	-7.3792	16.77920
{6}-{18}	0.1*60	10*60	4.8333	4.974093	0.332976	-5.0059	14.67258
{6}-{19}	0.1*60	10*120	22.1167	6.106470	0.000416	10.0375	34.19587
{6}-{20}	0.1*60	10*180	15.7083	6.106470	0.011205	3.6291	27.78753
{7}-{8}	0.1*120	0.1*180	6.5417	5.716715	0.254568	-4.7666	17.84989
{7}-{9}	0.1*120	1*30	1.0500	6.106470	0.863741	-11.0292	13.12920
{7}-{10}	0.1*120	1*60	-0.7583	6.106470	0.901358	-12.8375	11.32087
{7}-{11}	0.1*120	1*120	11.1167	4.974093	0.027104	1.2774	20.95591
{7}-{12}	0.1*120	1*180	10.4083	6.106470	0.090645	-1.6709	22.48753
{7}-{13}	0.1*120	5*30	3.5667	6.106470	0.560163	-8.5125	15.64587
{7}-{14}	0.1*120	5*60	-0.8250	6.106470	0.892737	-12.9042	11.25420

{7}-{15}	0.1*120	5*120	16.7417	4.974093	0.001000	6.9024	26.58091
{7}-{16}	0.1*120	5*180	11.9167	6.106470	0.053117	-0.1625	23.99587
{7}-{17}	0.1*120	10*30	2.2333	6.106470	0.715150	-9.8459	14.31253
{7}-{18}	0.1*120	10*60	2.3667	6.106470	0.698961	-9.7125	14.44587
{7}-{19}	0.1*120	10*120	19.6500	4.974093	0.000126	9.8108	29.48925
{7}-{20}	0.1*120	10*180	13.2417	6.106470	0.031916	1.1625	25.32087
{8}-{9}	0.1*180	1*30	-5.4917	6.106470	0.370120	-17.5709	6.58753
{8}-{10}	0.1*180	1*60	-7.3000	6.106470	0.234053	-19.3792	4.77920
{8}-{11}	0.1*180	1*120	4.5750	6.106470	0.455067	-7.5042	16.65420
{8}-{12}	0.1*180	1*180	3.8667	4.974093	0.438337	-5.9726	13.70591
{8}-{13}	0.1*180	5*30	-2.9750	6.106470	0.626933	-15.0542	9.10420
{8}-{14}	0.1*180	5*60	-7.3667	6.106470	0.229832	-19.4459	4.71253
{8}-{15}	0.1*180	5*120	10.2000	6.106470	0.097218	-1.8792	22.27920
{8}-{16}	0.1*180	5*180	5.3750	4.974093	0.281846	-4.4642	15.21425
{8}-{17}	0.1*180	10*30	-4.3083	6.106470	0.481720	-16.3875	7.77087
{8}-{18}	0.1*180	10*60	-4.1750	6.106470	0.495362	-16.2542	7.90420
{8}-{19}	0.1*180	10*120	13.1083	6.106470	0.033651	1.0291	25.18753
{8}-{20}	0.1*180	10*180	6.7000	4.974093	0.180295	-3.1392	16.53925
{9}-{10}	1*30	1*60	-1.8083	5.716715	0.752256	-13.1166	9.49989

{9}-{11}	1*30	1*120	10.0667	5.716715	0.080568	-1.2416	21.37489
{9}-{12}	1*30	1*180	9.3583	5.716715	0.104010	-1.9499	20.66656
{9}-{13}	1*30	5*30	2.5167	4.974093	0.613732	-7.3226	12.35591
{9}-{14}	1*30	5*60	-1.8750	6.106470	0.759288	-13.9542	10.20420
{9}-{15}	1*30	5*120	15.6917	6.106470	0.011290	3.6125	27.77087
{9}-{16}	1*30	5*180	10.8667	6.106470	0.077454	-1.2125	22.94587
{9}-{17}	1*30	10*30	1.1833	4.974093	0.812328	-8.6559	11.02258
{9}-{18}	1*30	10*60	1.3167	6.106470	0.829618	-10.7625	13.39587
{9}-{19}	1*30	10*120	18.6000	6.106470	0.002801	6.5208	30.67920
{9}-{20}	1*30	10*180	12.1917	6.106470	0.047935	0.1125	24.27087
{10}-{11}	1*60	1*120	11.8750	5.716715	0.039718	0.5668	23.18323
{10}-{12}	1*60	1*180	11.1667	5.716715	0.052895	-0.1416	22.47489
{10}-{13}	1*60	5*30	4.3250	6.106470	0.480029	-7.7542	16.40420
{10}-{14}	1*60	5*60	-0.0667	4.974093	0.989327	-9.9059	9.77258
{10}-{15}	1*60	5*120	17.5000	6.106470	0.004842	5.4208	29.57920
{10}-{16}	1*60	5*180	12.6750	6.106470	0.039866	0.5958	24.75420
{10}-{17}	1*60	10*30	2.9917	6.106470	0.625006	-9.0875	15.07087
{10}-{18}	1*60	10*60	3.1250	4.974093	0.530922	-6.7142	12.96425
{10}-{19}	1*60	10*120	20.4083	6.106470	0.001082	8.3291	32.48753

{10}-{20}	1*60	10*180	14.0000	6.106470	0.023450	1.9208	26.07920
{11}-{12}	1*120	1*180	-0.7083	5.716715	0.901578	-12.0166	10.59989
{11}-{13}	1*120	5*30	-7.5500	6.106470	0.218508	-19.6292	4.52920
{11}-{14}	1*120	5*60	-11.9417	6.106470	0.052627	-24.0209	0.13753
{11}-{15}	1*120	5*120	5.6250	4.974093	0.260165	-4.2142	15.46425
{11}-{16}	1*120	5*180	0.8000	6.106470	0.895968	-11.2792	12.87920
{11}-{17}	1*120	10*30	-8.8833	6.106470	0.148115	-20.9625	3.19587
{11}-{18}	1*120	10*60	-8.7500	6.106470	0.154249	-20.8292	3.32920
{11}-{19}	1*120	10*120	8.5333	4.974093	0.088590	-1.3059	18.37258
{11}-{20}	1*120	10*180	2.1250	6.106470	0.728401	-9.9542	14.20420
{12}-{13}	1*180	5*30	-6.8417	6.106470	0.264579	-18.9209	5.23753
{12}-{14}	1*180	5*60	-11.2333	6.106470	0.068077	-23.3125	0.84587
{12}-{15}	1*180	5*120	6.3333	6.106470	0.301562	-5.7459	18.41253
{12}-{16}	1*180	5*180	1.5083	4.974093	0.762186	-8.3309	11.34758
{12}-{17}	1*180	10*30	-8.1750	6.106470	0.182955	-20.2542	3.90420
{12}-{18}	1*180	10*60	-8.0417	6.106470	0.190151	-20.1209	4.03753
{12}-{19}	1*180	10*120	9.2417	6.106470	0.132563	-2.8375	21.32087
{12}-{20}	1*180	10*180	2.8333	4.974093	0.569905	-7.0059	12.67258
{13}-{14}	5*30	5*60	-4.3917	5.716715	0.443732	-15.6999	6.91656

{13}-{15}	5*30	5*120	13.1750	5.716715	0.022747	1.8668	24.48323
{13}-{16}	5*30	5*180	8.3500	5.716715	0.146493	-2.9582	19.65823
{13}-{17}	5*30	10*30	-1.3333	4.974093	0.789075	-11.1726	8.50591
{13}-{18}	5*30	10*60	-1.2000	6.106470	0.844511	-13.2792	10.87920
{13}-{19}	5*30	10*120	16.0833	6.106470	0.009452	4.0041	28.16253
{13}-{20}	5*30	10*180	9.6750	6.106470	0.115499	-2.4042	21.75420
{14}-{15}	5*60	5*120	17.5667	5.716715	0.002576	6.2584	28.87489
{14}-{16}	5*60	5*180	12.7417	5.716715	0.027516	1.4334	24.04989
{14}-{17}	5*60	10*30	3.0583	6.106470	0.617321	-9.0209	15.13753
{14}-{18}	5*60	10*60	3.1917	4.974093	0.522208	-6.6476	13.03091
{14}-{19}	5*60	10*120	20.4750	6.106470	0.001043	8.3958	32.55420
{14}-{20}	5*60	10*180	14.0667	6.106470	0.022810	1.9875	26.14587
{15}-{16}	5*120	5*180	-4.8250	5.716715	0.400187	-16.1332	6.48323
{15}-{17}	5*120	10*30	-14.5083	6.106470	0.018944	-26.5875	-2.42913
{15}-{18}	5*120	10*60	-14.3750	6.106470	0.020045	-26.4542	-2.29580
{15}-{19}	5*120	10*120	2.9083	4.974093	0.559750	-6.9309	12.74758
{15}-{20}	5*120	10*180	-3.5000	6.106470	0.567510	-15.5792	8.57920
{16}-{17}	5*180	10*30	-9.6833	6.106470	0.115189	-21.7625	2.39587
{16}-{18}	5*180	10*60	-9.5500	6.106470	0.120232	-21.6292	2.52920

{16}-{19}	5*180	10*120	7.7333	6.106470	0.207594	-4.3459	19.81253
{16}-{20}	5*180	10*180	1.3250	4.974093	0.790362	-8.5142	11.16425
{17}-{18}	10*30	10*60	0.1333	5.716715	0.981428	-11.1749	11.44156
{17}-{19}	10*30	10*120	17.4167	5.716715	0.002795	6.1084	28.72489
{17}-{20}	10*30	10*180	11.0083	5.716715	0.056300	-0.2999	22.31656
{18}-{19}	10*60	10*120	17.2833	5.716715	0.003005	5.9751	28.59156
{18}-{20}	10*60	10*180	10.8750	5.716715	0.059308	-0.4332	22.18323
{19}-{20}	10*120	10*180	-6.4083	5.716715	0.264331	-17.7166	4.89989

#### d. Total Motile Cells (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.5731, p=.00426$

Type V decomposition

Cell No.	Concentration	Time Point	Total Motile - Mean	Total Motile - Std.Err.	Total Motile - -95.00%	Total Motile - +95.00%	N
1	C	30	57.94167	5.844525	46.38062	69.50271	12
2	C	60	64.62500	5.844525	53.06395	76.18605	12

<b>3</b>	C	120	68.29167	5.844525	56.73062	79.85271	12
<b>4</b>	C	180	56.51667	5.844525	44.95562	68.07771	12
<b>5</b>	0.1	30	58.58333	5.844525	47.02229	70.14438	12
<b>6</b>	0.1	60	61.20000	5.844525	49.63895	72.76105	12
<b>7</b>	0.1	120	63.98333	5.844525	52.42229	75.54438	12
<b>8</b>	0.1	180	61.78333	5.844525	50.22229	73.34438	12
<b>9</b>	1	30	63.23333	5.844525	51.67229	74.79438	12
<b>10</b>	1	60	58.46667	5.844525	46.90562	70.02771	12
<b>11</b>	1	120	57.95000	5.844525	46.38895	69.51105	12
<b>12</b>	1	180	57.47500	5.844525	45.91395	69.03605	12
<b>13</b>	5	30	58.68333	5.844525	47.12229	70.24438	12
<b>14</b>	5	60	61.86667	5.844525	50.30562	73.42771	12
<b>15</b>	5	120	49.08333	5.844525	37.52229	60.64438	12



<b>16</b>	5	180	54.27500	5.844525	42.71395	65.83605	12
<b>17</b>	10	30	61.48333	5.844525	49.92229	73.04438	12
<b>18</b>	10	60	60.85833	5.844525	49.29729	72.41938	12
<b>19</b>	10	120	47.06667	5.844525	35.50562	58.62771	12
<b>20</b>	10	180	58.21667	5.844525	46.65562	69.77771	12

LSD test; variable Total Motile (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>Cell {#1}-{#2}</b>							
<b>{1}-{2}</b>	C*30	C*60	-6.6833	5.440135	0.221436	-17.4445	4.07779
<b>{1}-{3}</b>	C*30	C*120	-10.3500	5.440135	0.059281	-21.1111	0.41113
<b>{1}-{4}</b>	C*30	C*180	1.4250	5.440135	0.793774	-9.3361	12.18613
<b>{1}-{5}</b>	C*30	0.1*30	-0.6417	4.903940	0.896095	-10.3421	9.05881
<b>{1}-{6}</b>	C*30	0.1*60	-3.2583	5.854571	0.578781	-14.8393	8.32259

{1}-{7}	C*30	0.1*120	-6.0417	5.854571	0.303979	-17.6226	5.53925
{1}-{8}	C*30	0.1*180	-3.8417	5.854571	0.512849	-15.4226	7.73925
{1}-{9}	C*30	1*30	-5.2917	4.903940	0.282527	-14.9921	4.40881
{1}-{10}	C*30	1*60	-0.5250	5.854571	0.928683	-12.1059	11.05592
{1}-{11}	C*30	1*120	-0.0083	5.854571	0.998866	-11.5893	11.57259
{1}-{12}	C*30	1*180	0.4667	5.854571	0.936589	-11.1143	12.04759
{1}-{13}	C*30	5*30	-0.7417	4.903940	0.880018	-10.4421	8.95881
{1}-{14}	C*30	5*60	-3.9250	5.854571	0.503764	-15.5059	7.65592
{1}-{15}	C*30	5*120	8.8583	5.854571	0.132654	-2.7226	20.43925
{1}-{16}	C*30	5*180	3.6667	5.854571	0.532205	-7.9143	15.24759
{1}-{17}	C*30	10*30	-3.5417	4.903940	0.471444	-13.2421	6.15881
{1}-{18}	C*30	10*60	-2.9167	5.854571	0.619182	-14.4976	8.66425
{1}-{19}	C*30	10*120	10.8750	5.854571	0.065465	-0.7059	22.45592
{1}-{20}	C*30	10*180	-0.2750	5.854571	0.962607	-11.8559	11.30592
{2}-{3}	C*60	C*120	-3.6667	5.440135	0.501488	-14.4278	7.09446
{2}-{4}	C*60	C*180	8.1083	5.440135	0.138488	-2.6528	18.86946
{2}-{5}	C*60	0.1*30	6.0417	5.854571	0.303979	-5.5393	17.62259
{2}-{6}	C*60	0.1*60	3.4250	4.903940	0.486144	-6.2755	13.12548
{2}-{7}	C*60	0.1*120	0.6417	5.854571	0.912892	-10.9393	12.22259

{2}-{8}	C*60	0.1*180	2.8417	5.854571	0.628214	-8.7393	14.42259
{2}-{9}	C*60	1*30	1.3917	5.854571	0.812478	-10.1893	12.97259
{2}-{10}	C*60	1*60	6.1583	4.903940	0.211409	-3.5421	15.85881
{2}-{11}	C*60	1*120	6.6750	5.854571	0.256295	-4.9059	18.25592
{2}-{12}	C*60	1*180	7.1500	5.854571	0.224161	-4.4309	18.73092
{2}-{13}	C*60	5*30	5.9417	5.854571	0.312021	-5.6393	17.52259
{2}-{14}	C*60	5*60	2.7583	4.903940	0.574748	-6.9421	12.45881
{2}-{15}	C*60	5*120	15.5417	5.854571	0.008916	3.9607	27.12259
{2}-{16}	C*60	5*180	10.3500	5.854571	0.079396	-1.2309	21.93092
{2}-{17}	C*60	10*30	3.1417	5.854571	0.592435	-8.4393	14.72259
{2}-{18}	C*60	10*60	3.7667	4.903940	0.443806	-5.9338	13.46715
{2}-{19}	C*60	10*120	17.5583	5.854571	0.003237	5.9774	29.13925
{2}-{20}	C*60	10*180	6.4083	5.854571	0.275691	-5.1726	17.98925
{3}-{4}	C*120	C*180	11.7750	5.440135	0.032228	1.0139	22.53613
{3}-{5}	C*120	0.1*30	9.7083	5.854571	0.099642	-1.8726	21.28925
{3}-{6}	C*120	0.1*60	7.0917	5.854571	0.227943	-4.4893	18.67259
{3}-{7}	C*120	0.1*120	4.3083	4.903940	0.381244	-5.3921	14.00881
{3}-{8}	C*120	0.1*180	6.5083	5.854571	0.268302	-5.0726	18.08925
{3}-{9}	C*120	1*30	5.0583	5.854571	0.389157	-6.5226	16.63925

{3}-{10}	C*120	1*60	9.8250	5.854571	0.095679	-1.7559	21.40592
{3}-{11}	C*120	1*120	10.3417	4.903940	0.036847	0.6412	20.04215
{3}-{12}	C*120	1*180	10.8167	5.854571	0.066905	-0.7643	22.39759
{3}-{13}	C*120	5*30	9.6083	5.854571	0.103143	-1.9726	21.18925
{3}-{14}	C*120	5*60	6.4250	5.854571	0.274450	-5.1559	18.00592
{3}-{15}	C*120	5*120	19.2083	4.903940	0.000143	9.5079	28.90881
{3}-{16}	C*120	5*180	14.0167	5.854571	0.018065	2.4357	25.59759
{3}-{17}	C*120	10*30	6.8083	5.854571	0.246964	-4.7726	18.38925
{3}-{18}	C*120	10*60	7.4333	5.854571	0.206438	-4.1476	19.01425
{3}-{19}	C*120	10*120	21.2250	4.903940	0.000029	11.5245	30.92548
{3}-{20}	C*120	10*180	10.0750	5.854571	0.087616	-1.5059	21.65592
{4}-{5}	C*180	0.1*30	-2.0667	5.854571	0.724651	-13.6476	9.51425
{4}-{6}	C*180	0.1*60	-4.6833	5.854571	0.425180	-16.2643	6.89759
{4}-{7}	C*180	0.1*120	-7.4667	5.854571	0.204423	-19.0476	4.11425
{4}-{8}	C*180	0.1*180	-5.2667	4.903940	0.284797	-14.9671	4.43381
{4}-{9}	C*180	1*30	-6.7167	5.854571	0.253353	-18.2976	4.86425
{4}-{10}	C*180	1*60	-1.9500	5.854571	0.739608	-13.5309	9.63092
{4}-{11}	C*180	1*120	-1.4333	5.854571	0.806974	-13.0143	10.14759
{4}-{12}	C*180	1*180	-0.9583	4.903940	0.845364	-10.6588	8.74215

{4}-{13}	C*180	5*30	-2.1667	5.854571	0.711915	-13.7476	9.41425
{4}-{14}	C*180	5*60	-5.3500	5.854571	0.362480	-16.9309	6.23092
{4}-{15}	C*180	5*120	7.4333	5.854571	0.206438	-4.1476	19.01425
{4}-{16}	C*180	5*180	2.2417	4.903940	0.648340	-7.4588	11.94215
{4}-{17}	C*180	10*30	-4.9667	5.854571	0.397784	-16.5476	6.61425
{4}-{18}	C*180	10*60	-4.3417	5.854571	0.459656	-15.9226	7.23925
{4}-{19}	C*180	10*120	9.4500	5.854571	0.108889	-2.1309	21.03092
{4}-{20}	C*180	10*180	-1.7000	4.903940	0.729399	-11.4005	8.00048
{5}-{6}	0.1*30	0.1*60	-2.6167	5.440135	0.631318	-13.3778	8.14446
{5}-{7}	0.1*30	0.1*120	-5.4000	5.440135	0.322710	-16.1611	5.36113
{5}-{8}	0.1*30	0.1*180	-3.2000	5.440135	0.557389	-13.9611	7.56113
{5}-{9}	0.1*30	1*30	-4.6500	4.903940	0.344752	-14.3505	5.05048
{5}-{10}	0.1*30	1*60	0.1167	5.854571	0.984131	-11.4643	11.69759
{5}-{11}	0.1*30	1*120	0.6333	5.854571	0.914019	-10.9476	12.21425
{5}-{12}	0.1*30	1*180	1.1083	5.854571	0.850140	-10.4726	12.68925
{5}-{13}	0.1*30	5*30	-0.1000	4.903940	0.983762	-9.8005	9.60048
{5}-{14}	0.1*30	5*60	-3.2833	5.854571	0.575874	-14.8643	8.29759
{5}-{15}	0.1*30	5*120	9.5000	5.854571	0.107047	-2.0809	21.08092
{5}-{16}	0.1*30	5*180	4.3083	5.854571	0.463102	-7.2726	15.88925

{5}-{17}	0.1*30	10*30	-2.9000	4.903940	0.555290	-12.6005	6.80048
{5}-{18}	0.1*30	10*60	-2.2750	5.854571	0.698209	-13.8559	9.30592
{5}-{19}	0.1*30	10*120	11.5167	5.854571	0.051266	-0.0643	23.09759
{5}-{20}	0.1*30	10*180	0.3667	5.854571	0.950157	-11.2143	11.94759
{6}-{7}	0.1*60	0.1*120	-2.7833	5.440135	0.609765	-13.5445	7.97779
{6}-{8}	0.1*60	0.1*180	-0.5833	5.440135	0.914771	-11.3445	10.17779
{6}-{9}	0.1*60	1*30	-2.0333	5.854571	0.728914	-13.6143	9.54759
{6}-{10}	0.1*60	1*60	2.7333	4.903940	0.578215	-6.9671	12.43381
{6}-{11}	0.1*60	1*120	3.2500	5.854571	0.579751	-8.3309	14.83092
{6}-{12}	0.1*60	1*180	3.7250	5.854571	0.525712	-7.8559	15.30592
{6}-{13}	0.1*60	5*30	2.5167	5.854571	0.667996	-9.0643	14.09759
{6}-{14}	0.1*60	5*60	-0.6667	4.903940	0.892072	-10.3671	9.03381
{6}-{15}	0.1*60	5*120	12.1167	5.854571	0.040439	0.5357	23.69759
{6}-{16}	0.1*60	5*180	6.9250	5.854571	0.239000	-4.6559	18.50592
{6}-{17}	0.1*60	10*30	-0.2833	5.854571	0.961474	-11.8643	11.29759
{6}-{18}	0.1*60	10*60	0.3417	4.903940	0.944560	-9.3588	10.04215
{6}-{19}	0.1*60	10*120	14.1333	5.854571	0.017147	2.5524	25.71425
{6}-{20}	0.1*60	10*180	2.9833	5.854571	0.611201	-8.5976	14.56425
{7}-{8}	0.1*120	0.1*180	2.2000	5.440135	0.686572	-8.5611	12.96113

{7}-{9}	0.1*120	1*30	0.7500	5.854571	0.898261	-10.8309	12.33092
{7}-{10}	0.1*120	1*60	5.5167	5.854571	0.347769	-6.0643	17.09759
{7}-{11}	0.1*120	1*120	6.0333	4.903940	0.220772	-3.6671	15.73381
{7}-{12}	0.1*120	1*180	6.5083	5.854571	0.268302	-5.0726	18.08925
{7}-{13}	0.1*120	5*30	5.3000	5.854571	0.366969	-6.2809	16.88092
{7}-{14}	0.1*120	5*60	2.1167	5.854571	0.718273	-9.4643	13.69759
{7}-{15}	0.1*120	5*120	14.9000	4.903940	0.002868	5.1995	24.60048
{7}-{16}	0.1*120	5*180	9.7083	5.854571	0.099642	-1.8726	21.28925
{7}-{17}	0.1*120	10*30	2.5000	5.854571	0.670063	-9.0809	14.08092
{7}-{18}	0.1*120	10*60	3.1250	5.854571	0.594398	-8.4559	14.70592
{7}-{19}	0.1*120	10*120	16.9167	4.903940	0.000754	7.2162	26.61715
{7}-{20}	0.1*120	10*180	5.7667	5.854571	0.326433	-5.8143	17.34759
{8}-{9}	0.1*180	1*30	-1.4500	5.854571	0.804775	-13.0309	10.13092
{8}-{10}	0.1*180	1*60	3.3167	5.854571	0.572010	-8.2643	14.89759
{8}-{11}	0.1*180	1*120	3.8333	5.854571	0.513762	-7.7476	15.41425
{8}-{12}	0.1*180	1*180	4.3083	4.903940	0.381244	-5.3921	14.00881
{8}-{13}	0.1*180	5*30	3.1000	5.854571	0.597348	-8.4809	14.68092
{8}-{14}	0.1*180	5*60	-0.0833	5.854571	0.988665	-11.6643	11.49759
{8}-{15}	0.1*180	5*120	12.7000	5.854571	0.031855	1.1191	24.28092

{8}-{16}	0.1*180	5*180	7.5083	4.903940	0.128142	-2.1921	17.20881
{8}-{17}	0.1*180	10*30	0.3000	5.854571	0.959210	-11.2809	11.88092
{8}-{18}	0.1*180	10*60	0.9250	5.854571	0.874701	-10.6559	12.50592
{8}-{19}	0.1*180	10*120	14.7167	5.854571	0.013149	3.1357	26.29759
{8}-{20}	0.1*180	10*180	3.5667	4.903940	0.468326	-6.1338	13.26715
{9}-{10}	1*30	1*60	4.7667	5.440135	0.382511	-5.9945	15.52779
{9}-{11}	1*30	1*120	5.2833	5.440135	0.333236	-5.4778	16.04446
{9}-{12}	1*30	1*180	5.7583	5.440135	0.291765	-5.0028	16.51946
{9}-{13}	1*30	5*30	4.5500	4.903940	0.355192	-5.1505	14.25048
{9}-{14}	1*30	5*60	1.3667	5.854571	0.815785	-10.2143	12.94759
{9}-{15}	1*30	5*120	14.1500	5.854571	0.017019	2.5691	25.73092
{9}-{16}	1*30	5*180	8.9583	5.854571	0.128374	-2.6226	20.53925
{9}-{17}	1*30	10*30	1.7500	4.903940	0.721770	-7.9505	11.45048
{9}-{18}	1*30	10*60	2.3750	5.854571	0.685645	-9.2059	13.95592
{9}-{19}	1*30	10*120	16.1667	5.854571	0.006576	4.5857	27.74759
{9}-{20}	1*30	10*180	5.0167	5.854571	0.393064	-6.5643	16.59759
{10}-{11}	1*60	1*120	0.5167	5.440135	0.924480	-10.2445	11.27779
{10}-{12}	1*60	1*180	0.9917	5.440135	0.855637	-9.7695	11.75279
{10}-{13}	1*60	5*30	-0.2167	5.854571	0.970534	-11.7976	11.36425



{10}-{14}	1*60	5*60	-3.4000	4.903940	0.489327	-13.1005	6.30048
{10}-{15}	1*60	5*120	9.3833	5.854571	0.111383	-2.1976	20.96425
{10}-{16}	1*60	5*180	4.1917	5.854571	0.475278	-7.3893	15.77259
{10}-{17}	1*60	10*30	-3.0167	5.854571	0.607228	-14.5976	8.56425
{10}-{18}	1*60	10*60	-2.3917	4.903940	0.626569	-12.0921	7.30881
{10}-{19}	1*60	10*120	11.4000	5.854571	0.053634	-0.1809	22.98092
{10}-{20}	1*60	10*180	0.2500	5.854571	0.966004	-11.3309	11.83092
{11}-{12}	1*120	1*180	0.4750	5.440135	0.930554	-10.2861	11.23613
{11}-{13}	1*120	5*30	-0.7333	5.854571	0.900510	-12.3143	10.84759
{11}-{14}	1*120	5*60	-3.9167	5.854571	0.504668	-15.4976	7.66425
{11}-{15}	1*120	5*120	8.8667	4.903940	0.072872	-0.8338	18.56715
{11}-{16}	1*120	5*180	3.6750	5.854571	0.531275	-7.9059	15.25592
{11}-{17}	1*120	10*30	-3.5333	5.854571	0.547200	-15.1143	8.04759
{11}-{18}	1*120	10*60	-2.9083	5.854571	0.620183	-14.4893	8.67259
{11}-{19}	1*120	10*120	10.8833	4.903940	0.028174	1.1829	20.58381
{11}-{20}	1*120	10*180	-0.2667	5.854571	0.963739	-11.8476	11.31425
{12}-{13}	1*180	5*30	-1.2083	5.854571	0.836803	-12.7893	10.37259
{12}-{14}	1*180	5*60	-4.3917	5.854571	0.454514	-15.9726	7.18925
{12}-{15}	1*180	5*120	8.3917	5.854571	0.154121	-3.1893	19.97259

{12}-{16}	1*180	5*180	3.2000	4.903940	0.515190	-6.5005	12.90048
{12}-{17}	1*180	10*30	-4.0083	5.854571	0.494765	-15.5893	7.57259
{12}-{18}	1*180	10*60	-3.3833	5.854571	0.564319	-14.9643	8.19759
{12}-{19}	1*180	10*120	10.4083	5.854571	0.077737	-1.1726	21.98925
{12}-{20}	1*180	10*180	-0.7417	4.903940	0.880018	-10.4421	8.95881
{13}-{14}	5*30	5*60	-3.1833	5.440135	0.559441	-13.9445	7.57779
{13}-{15}	5*30	5*120	9.6000	5.440135	0.079933	-1.1611	20.36113
{13}-{16}	5*30	5*180	4.4083	5.440135	0.419206	-6.3528	15.16946
{13}-{17}	5*30	10*30	-2.8000	4.903940	0.568991	-12.5005	6.90048
{13}-{18}	5*30	10*60	-2.1750	5.854571	0.710857	-13.7559	9.40592
{13}-{19}	5*30	10*120	11.6167	5.854571	0.049307	0.0357	23.19759
{13}-{20}	5*30	10*180	0.4667	5.854571	0.936589	-11.1143	12.04759
{14}-{15}	5*60	5*120	12.7833	5.440135	0.020265	2.0222	23.54446
{14}-{16}	5*60	5*180	7.5917	5.440135	0.165211	-3.1695	18.35279
{14}-{17}	5*60	10*30	0.3833	5.854571	0.947894	-11.1976	11.96425
{14}-{18}	5*60	10*60	1.0083	4.903940	0.837407	-8.6921	10.70881
{14}-{19}	5*60	10*120	14.8000	5.854571	0.012652	3.2191	26.38092
{14}-{20}	5*60	10*180	3.6500	5.854571	0.534068	-7.9309	15.23092
{15}-{16}	5*120	5*180	-5.1917	5.440135	0.341663	-15.9528	5.56946

{15}-{17}	5*120	10*30	-12.4000	5.854571	0.036049	-23.9809	-0.81908
{15}-{18}	5*120	10*60	-11.7750	5.854571	0.046336	-23.3559	-0.19408
{15}-{19}	5*120	10*120	2.0167	4.903940	0.681568	-7.6838	11.71715
{15}-{20}	5*120	10*180	-9.1333	5.854571	0.121146	-20.7143	2.44759
{16}-{17}	5*180	10*30	-7.2083	5.854571	0.220425	-18.7893	4.37259
{16}-{18}	5*180	10*60	-6.5833	5.854571	0.262851	-18.1643	4.99759
{16}-{19}	5*180	10*120	7.2083	5.854571	0.220425	-4.3726	18.78925
{16}-{20}	5*180	10*180	-3.9417	4.903940	0.422972	-13.6421	5.75881
{17}-{18}	10*30	10*60	0.6250	5.440135	0.908709	-10.1361	11.38613
{17}-{19}	10*30	10*120	14.4167	5.440135	0.009031	3.6555	25.17779
{17}-{20}	10*30	10*180	3.2667	5.440135	0.549219	-7.4945	14.02779
{18}-{19}	10*60	10*120	13.7917	5.440135	0.012406	3.0305	24.55279
{18}-{20}	10*60	10*180	2.6417	5.440135	0.628064	-8.1195	13.40279
{19}-{20}	10*120	10*180	-11.1500	5.440135	0.042386	-21.9111	-0.38887

### e. Rapid (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.5606, p=.00445

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>Rapid-vel - Mean</b>	<b>Rapid-vel - Std.Err.</b>	<b>Rapid-vel - -95.00%</b>	<b>Rapid-vel - +95.00%</b>	<b>N</b>
1	C	30	33.41667	6.047518	21.45408	45.37925	12
2	C	60	44.08333	6.047518	32.12075	56.04592	12
3	C	120	45.90833	6.047518	33.94575	57.87092	12
4	C	180	32.10833	6.047518	20.14575	44.07092	12
5	0.1	30	37.89167	6.047518	25.92908	49.85425	12
6	0.1	60	41.88333	6.047518	29.92075	53.84592	12
7	0.1	120	39.00000	6.047518	27.03741	50.96259	12
8	0.1	180	32.36667	6.047518	20.40408	44.32925	12
9	1	30	37.75833	6.047518	25.79575	49.72092	12
10	1	60	40.05833	6.047518	28.09575	52.02092	12
11	1	120	27.90000	6.047518	15.93741	39.86259	12

<b>12</b>	1	180	27.79167	6.047518	15.82908	39.75425	12
<b>13</b>	5	30	34.79167	6.047518	22.82908	46.75425	12
<b>14</b>	5	60	40.00000	6.047518	28.03741	51.96259	12
<b>15</b>	5	120	21.75000	6.047518	9.78741	33.71259	12
<b>16</b>	5	180	26.88333	6.047518	14.92075	38.84592	12
<b>17</b>	10	30	35.99167	6.047518	24.02908	47.95425	12
<b>18</b>	10	60	36.39167	6.047518	24.42908	48.35425	12
<b>19</b>	10	120	19.51667	6.047518	7.55408	31.47925	12
<b>20</b>	10	180	24.47500	6.047518	12.51241	36.43759	12

LSD test; variable Rapid-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-10.6667	5.800142	0.068157	-22.1399	0.80659
{1}-{3}	C*30	C*120	-12.4917	5.800142	0.033082	-23.9649	-1.01841
{1}-{4}	C*30	C*180	1.3083	5.800142	0.821885	-10.1649	12.78159
{1}-{5}	C*30	0.1*30	-4.4750	4.966735	0.369232	-14.2997	5.34969
{1}-{6}	C*30	0.1*60	-8.4667	6.137469	0.170072	-20.6072	3.67385
{1}-{7}	C*30	0.1*120	-5.5833	6.137469	0.364632	-17.7239	6.55719
{1}-{8}	C*30	0.1*180	1.0500	6.137469	0.864423	-11.0905	13.19052
{1}-{9}	C*30	1*30	-4.3417	4.966735	0.383625	-14.1664	5.48303
{1}-{10}	C*30	1*60	-6.6417	6.137469	0.281158	-18.7822	5.49885
{1}-{11}	C*30	1*120	5.5167	6.137469	0.370369	-6.6239	17.65719
{1}-{12}	C*30	1*180	5.6250	6.137469	0.361075	-6.5155	17.76552
{1}-{13}	C*30	5*30	-1.3750	4.966735	0.782335	-11.1997	8.44969
{1}-{14}	C*30	5*60	-6.5833	6.137469	0.285387	-18.7239	5.55719
{1}-{15}	C*30	5*120	11.6667	6.137469	0.059496	-0.4739	23.80719
{1}-{16}	C*30	5*180	6.5333	6.137469	0.289046	-5.6072	18.67385
{1}-{17}	C*30	10*30	-2.5750	4.966735	0.605013	-12.3997	7.24969
{1}-{18}	C*30	10*60	-2.9750	6.137469	0.628673	-15.1155	9.16552
{1}-{19}	C*30	10*120	13.9000	6.137469	0.025156	1.7595	26.04052

{1}-{20}	C*30	10*180	8.9417	6.137469	0.147519	-3.1989	21.08219
{2}-{3}	C*60	C*120	-1.8250	5.800142	0.753526	-13.2983	9.64825
{2}-{4}	C*60	C*180	11.9750	5.800142	0.040918	0.5017	23.44825
{2}-{5}	C*60	0.1*30	6.1917	6.137469	0.314902	-5.9489	18.33219
{2}-{6}	C*60	0.1*60	2.2000	4.966735	0.658529	-7.6247	12.02469
{2}-{7}	C*60	0.1*120	5.0833	6.137469	0.409026	-7.0572	17.22385
{2}-{8}	C*60	0.1*180	11.7167	6.137469	0.058428	-0.4239	23.85719
{2}-{9}	C*60	1*30	6.3250	6.137469	0.304634	-5.8155	18.46552
{2}-{10}	C*60	1*60	4.0250	4.966735	0.419174	-5.7997	13.84969
{2}-{11}	C*60	1*120	16.1833	6.137469	0.009373	4.0428	28.32385
{2}-{12}	C*60	1*180	16.2917	6.137469	0.008920	4.1511	28.43219
{2}-{13}	C*60	5*30	9.2917	6.137469	0.132436	-2.8489	21.43219
{2}-{14}	C*60	5*60	4.0833	4.966735	0.412482	-5.7414	13.90803
{2}-{15}	C*60	5*120	22.3333	6.137469	0.000392	10.1928	34.47385
{2}-{16}	C*60	5*180	17.2000	6.137469	0.005836	5.0595	29.34052
{2}-{17}	C*60	10*30	8.0917	6.137469	0.189651	-4.0489	20.23219
{2}-{18}	C*60	10*60	7.6917	4.966735	0.123863	-2.1330	17.51636
{2}-{19}	C*60	10*120	24.5667	6.137469	0.000104	12.4261	36.70719
{2}-{20}	C*60	10*180	19.6083	6.137469	0.001750	7.4678	31.74885

{3}-{4}	C*120	C*180	13.8000	5.800142	0.018779	2.3267	25.27325
{3}-{5}	C*120	0.1*30	8.0167	6.137469	0.193761	-4.1239	20.15719
{3}-{6}	C*120	0.1*60	4.0250	6.137469	0.513089	-8.1155	16.16552
{3}-{7}	C*120	0.1*120	6.9083	4.966735	0.166590	-2.9164	16.73303
{3}-{8}	C*120	0.1*180	13.5417	6.137469	0.029086	1.4011	25.68219
{3}-{9}	C*120	1*30	8.1500	6.137469	0.186500	-3.9905	20.29052
{3}-{10}	C*120	1*60	5.8500	6.137469	0.342250	-6.2905	17.99052
{3}-{11}	C*120	1*120	18.0083	4.966735	0.000410	8.1836	27.83303
{3}-{12}	C*120	1*180	18.1167	6.137469	0.003740	5.9761	30.25719
{3}-{13}	C*120	5*30	11.1167	6.137469	0.072371	-1.0239	23.25719
{3}-{14}	C*120	5*60	5.9083	6.137469	0.337475	-6.2322	18.04885
{3}-{15}	C*120	5*120	24.1583	4.966735	0.000003	14.3336	33.98303
{3}-{16}	C*120	5*180	19.0250	6.137469	0.002367	6.8845	31.16552
{3}-{17}	C*120	10*30	9.9167	6.137469	0.108534	-2.2239	22.05719
{3}-{18}	C*120	10*60	9.5167	6.137469	0.123395	-2.6239	21.65719
{3}-{19}	C*120	10*120	26.3917	4.966735	0.000000	16.5670	36.21636
{3}-{20}	C*120	10*180	21.4333	6.137469	0.000652	9.2928	33.57385
{4}-{5}	C*180	0.1*30	-5.7833	6.137469	0.347761	-17.9239	6.35719
{4}-{6}	C*180	0.1*60	-9.7750	6.137469	0.113625	-21.9155	2.36552



{4}-{7}	C*180	0.1*120	-6.8917	6.137469	0.263525	-19.0322	5.24885
{4}-{8}	C*180	0.1*180	-0.2583	4.966735	0.958597	-10.0830	9.56636
{4}-{9}	C*180	1*30	-5.6500	6.137469	0.358952	-17.7905	6.49052
{4}-{10}	C*180	1*60	-7.9500	6.137469	0.197470	-20.0905	4.19052
{4}-{11}	C*180	1*120	4.2083	6.137469	0.494118	-7.9322	16.34885
{4}-{12}	C*180	1*180	4.3167	4.966735	0.386361	-5.5080	14.14136
{4}-{13}	C*180	5*30	-2.6833	6.137469	0.662677	-14.8239	9.45719
{4}-{14}	C*180	5*60	-7.8917	6.137469	0.200758	-20.0322	4.24885
{4}-{15}	C*180	5*120	10.3583	6.137469	0.093826	-1.7822	22.49885
{4}-{16}	C*180	5*180	5.2250	4.966735	0.294722	-4.5997	15.04969
{4}-{17}	C*180	10*30	-3.8833	6.137469	0.528007	-16.0239	8.25719
{4}-{18}	C*180	10*60	-4.2833	6.137469	0.486468	-16.4239	7.85719
{4}-{19}	C*180	10*120	12.5917	6.137469	0.042185	0.4511	24.73219
{4}-{20}	C*180	10*180	7.6333	4.966735	0.126713	-2.1914	17.45803
{5}-{6}	0.1*30	0.1*60	-3.9917	5.800142	0.492534	-15.4649	7.48159
{5}-{7}	0.1*30	0.1*120	-1.1083	5.800142	0.848751	-12.5816	10.36492
{5}-{8}	0.1*30	0.1*180	5.5250	5.800142	0.342553	-5.9483	16.99825
{5}-{9}	0.1*30	1*30	0.1333	4.966735	0.978624	-9.6914	9.95803
{5}-{10}	0.1*30	1*60	-2.1667	6.137469	0.724634	-14.3072	9.97385

{5}-{11}	0.1*30	1*120	9.9917	6.137469	0.105914	-2.1489	22.13219
{5}-{12}	0.1*30	1*180	10.1000	6.137469	0.102219	-2.0405	22.24052
{5}-{13}	0.1*30	5*30	3.1000	4.966735	0.533605	-6.7247	12.92469
{5}-{14}	0.1*30	5*60	-2.1083	6.137469	0.731755	-14.2489	10.03219
{5}-{15}	0.1*30	5*120	16.1417	6.137469	0.009553	4.0011	28.28219
{5}-{16}	0.1*30	5*180	11.0083	6.137469	0.075162	-1.1322	23.14885
{5}-{17}	0.1*30	10*30	1.9000	4.966735	0.702672	-7.9247	11.72469
{5}-{18}	0.1*30	10*60	1.5000	6.137469	0.807300	-10.6405	13.64052
{5}-{19}	0.1*30	10*120	18.3750	6.137469	0.003289	6.2345	30.51552
{5}-{20}	0.1*30	10*180	13.4167	6.137469	0.030577	1.2761	25.55719
{6}-{7}	0.1*60	0.1*120	2.8833	5.800142	0.619935	-8.5899	14.35659
{6}-{8}	0.1*60	0.1*180	9.5167	5.800142	0.103227	-1.9566	20.98992
{6}-{9}	0.1*60	1*30	4.1250	6.137469	0.502694	-8.0155	16.26552
{6}-{10}	0.1*60	1*60	1.8250	4.966735	0.713876	-7.9997	11.64969
{6}-{11}	0.1*60	1*120	13.9833	6.137469	0.024312	1.8428	26.12385
{6}-{12}	0.1*60	1*180	14.0917	6.137469	0.023251	1.9511	26.23219
{6}-{13}	0.1*60	5*30	7.0917	6.137469	0.249985	-5.0489	19.23219
{6}-{14}	0.1*60	5*60	1.8833	4.966735	0.705156	-7.9414	11.70803
{6}-{15}	0.1*60	5*120	20.1333	6.137469	0.001326	7.9928	32.27385

{6}-{16}	0.1*60	5*180	15.0000	6.137469	0.015845	2.8595	27.14052
{6}-{17}	0.1*60	10*30	5.8917	6.137469	0.338835	-6.2489	18.03219
{6}-{18}	0.1*60	10*60	5.4917	4.966735	0.270872	-4.3330	15.31636
{6}-{19}	0.1*60	10*120	22.3667	6.137469	0.000384	10.2261	34.50719
{6}-{20}	0.1*60	10*180	17.4083	6.137469	0.005282	5.2678	29.54885
{7}-{8}	0.1*120	0.1*180	6.6333	5.800142	0.254839	-4.8399	18.10659
{7}-{9}	0.1*120	1*30	1.2417	6.137469	0.839986	-10.8989	13.38219
{7}-{10}	0.1*120	1*60	-1.0583	6.137469	0.863357	-13.1989	11.08219
{7}-{11}	0.1*120	1*120	11.1000	4.966735	0.027107	1.2753	20.92469
{7}-{12}	0.1*120	1*180	11.2083	6.137469	0.070078	-0.9322	23.34885
{7}-{13}	0.1*120	5*30	4.2083	6.137469	0.494118	-7.9322	16.34885
{7}-{14}	0.1*120	5*60	-1.0000	6.137469	0.870820	-13.1405	11.14052
{7}-{15}	0.1*120	5*120	17.2500	4.966735	0.000696	7.4253	27.07469
{7}-{16}	0.1*120	5*180	12.1167	6.137469	0.050445	-0.0239	24.25719
{7}-{17}	0.1*120	10*30	3.0083	6.137469	0.624835	-9.1322	15.14885
{7}-{18}	0.1*120	10*60	2.6083	6.137469	0.671539	-9.5322	14.74885
{7}-{19}	0.1*120	10*120	19.4833	4.966735	0.000140	9.6586	29.30803
{7}-{20}	0.1*120	10*180	14.5250	6.137469	0.019405	2.3845	26.66552
{8}-{9}	0.1*180	1*30	-5.3917	6.137469	0.381278	-17.5322	6.74885

{8}-{10}	0.1*180	1*60	-7.6917	6.137469	0.212337	-19.8322	4.44885
{8}-{11}	0.1*180	1*120	4.4667	6.137469	0.468043	-7.6739	16.60719
{8}-{12}	0.1*180	1*180	4.5750	4.966735	0.358664	-5.2497	14.39969
{8}-{13}	0.1*180	5*30	-2.4250	6.137469	0.693396	-14.5655	9.71552
{8}-{14}	0.1*180	5*60	-7.6333	6.137469	0.215804	-19.7739	4.50719
{8}-{15}	0.1*180	5*120	10.6167	6.137469	0.086001	-1.5239	22.75719
{8}-{16}	0.1*180	5*180	5.4833	4.966735	0.271597	-4.3414	15.30803
{8}-{17}	0.1*180	10*30	-3.6250	6.137469	0.555775	-15.7655	8.51552
{8}-{18}	0.1*180	10*60	-4.0250	6.137469	0.513089	-16.1655	8.11552
{8}-{19}	0.1*180	10*120	12.8500	6.137469	0.038200	0.7095	24.99052
{8}-{20}	0.1*180	10*180	7.8917	4.966735	0.114474	-1.9330	17.71636
{9}-{10}	1*30	1*60	-2.3000	5.800142	0.692346	-13.7733	9.17325
{9}-{11}	1*30	1*120	9.8583	5.800142	0.091548	-1.6149	21.33159
{9}-{12}	1*30	1*180	9.9667	5.800142	0.088078	-1.5066	21.43992
{9}-{13}	1*30	5*30	2.9667	4.966735	0.551325	-6.8580	12.79136
{9}-{14}	1*30	5*60	-2.2417	6.137469	0.715515	-14.3822	9.89885
{9}-{15}	1*30	5*120	16.0083	6.137469	0.010148	3.8678	28.14885
{9}-{16}	1*30	5*180	10.8750	6.137469	0.078718	-1.2655	23.01552
{9}-{17}	1*30	10*30	1.7667	4.966735	0.722633	-8.0580	11.59136

{9}-{18}	1*30	10*60	1.3667	6.137469	0.824132	-10.7739	13.50719
{9}-{19}	1*30	10*120	18.2417	6.137469	0.003515	6.1011	30.38219
{9}-{20}	1*30	10*180	13.2833	6.137469	0.032241	1.1428	25.42385
{10}-{11}	1*60	1*120	12.1583	5.800142	0.037972	0.6851	23.63159
{10}-{12}	1*60	1*180	12.2667	5.800142	0.036319	0.7934	23.73992
{10}-{13}	1*60	5*30	5.2667	6.137469	0.392383	-6.8739	17.40719
{10}-{14}	1*60	5*60	0.0583	4.966735	0.990647	-9.7664	9.88303
{10}-{15}	1*60	5*120	18.3083	6.137469	0.003401	6.1678	30.44885
{10}-{16}	1*60	5*180	13.1750	6.137469	0.033650	1.0345	25.31552
{10}-{17}	1*60	10*30	4.0667	6.137469	0.508744	-8.0739	16.20719
{10}-{18}	1*60	10*60	3.6667	4.966735	0.461676	-6.1580	13.49136
{10}-{19}	1*60	10*120	20.5417	6.137469	0.001065	8.4011	32.68219
{10}-{20}	1*60	10*180	15.5833	6.137469	0.012276	3.4428	27.72385
{11}-{12}	1*120	1*180	0.1083	5.800142	0.985126	-11.3649	11.58159
{11}-{13}	1*120	5*30	-6.8917	6.137469	0.263525	-19.0322	5.24885
{11}-{14}	1*120	5*60	-12.1000	6.137469	0.050758	-24.2405	0.04052
{11}-{15}	1*120	5*120	6.1500	4.966735	0.217825	-3.6747	15.97469
{11}-{16}	1*120	5*180	1.0167	6.137469	0.868686	-11.1239	13.15719
{11}-{17}	1*120	10*30	-8.0917	6.137469	0.189651	-20.2322	4.04885

{11}-{18}	1*120	10*60	-8.4917	6.137469	0.168823	-20.6322	3.64885
{11}-{19}	1*120	10*120	8.3833	4.966735	0.093793	-1.4414	18.20803
{11}-{20}	1*120	10*180	3.4250	6.137469	0.577757	-8.7155	15.56552
{12}-{13}	1*180	5*30	-7.0000	6.137469	0.256128	-19.1405	5.14052
{12}-{14}	1*180	5*60	-12.2083	6.137469	0.048752	-24.3489	-0.06781
{12}-{15}	1*180	5*120	6.0417	6.137469	0.326724	-6.0989	18.18219
{12}-{16}	1*180	5*180	0.9083	4.966735	0.855170	-8.9164	10.73303
{12}-{17}	1*180	10*30	-8.2000	6.137469	0.183830	-20.3405	3.94052
{12}-{18}	1*180	10*60	-8.6000	6.137469	0.163492	-20.7405	3.54052
{12}-{19}	1*180	10*120	8.2750	6.137469	0.179879	-3.8655	20.41552
{12}-{20}	1*180	10*180	3.3167	4.966735	0.505442	-6.5080	13.14136
{13}-{14}	5*30	5*60	-5.2083	5.800142	0.370838	-16.6816	6.26492
{13}-{15}	5*30	5*120	13.0417	5.800142	0.026201	1.5684	24.51492
{13}-{16}	5*30	5*180	7.9083	5.800142	0.175055	-3.5649	19.38159
{13}-{17}	5*30	10*30	-1.2000	4.966735	0.809459	-11.0247	8.62469
{13}-{18}	5*30	10*60	-1.6000	6.137469	0.794735	-13.7405	10.54052
{13}-{19}	5*30	10*120	15.2750	6.137469	0.014061	3.1345	27.41552
{13}-{20}	5*30	10*180	10.3167	6.137469	0.095141	-1.8239	22.45719
{14}-{15}	5*60	5*120	18.2500	5.800142	0.002043	6.7767	29.72325

{14}-{16}	5*60	5*180	13.1167	5.800142	0.025368	1.6434	24.58992
{14}-{17}	5*60	10*30	4.0083	6.137469	0.514833	-8.1322	16.14885
{14}-{18}	5*60	10*60	3.6083	4.966735	0.468819	-6.2164	13.43303
{14}-{19}	5*60	10*120	20.4833	6.137469	0.001099	8.3428	32.62385
{14}-{20}	5*60	10*180	15.5250	6.137469	0.012597	3.3845	27.66552
{15}-{16}	5*120	5*180	-5.1333	5.800142	0.377747	-16.6066	6.33992
{15}-{17}	5*120	10*30	-14.2417	6.137469	0.021850	-26.3822	-2.10115
{15}-{18}	5*120	10*60	-14.6417	6.137469	0.018471	-26.7822	-2.50115
{15}-{19}	5*120	10*120	2.2333	4.966735	0.653694	-7.5914	12.05803
{15}-{20}	5*120	10*180	-2.7250	6.137469	0.657774	-14.8655	9.41552
{16}-{17}	5*180	10*30	-9.1083	6.137469	0.140179	-21.2489	3.03219
{16}-{18}	5*180	10*60	-9.5083	6.137469	0.123721	-21.6489	2.63219
{16}-{19}	5*180	10*120	7.3667	6.137469	0.232181	-4.7739	19.50719
{16}-{20}	5*180	10*180	2.4083	4.966735	0.628556	-7.4164	12.23303
{17}-{18}	10*30	10*60	-0.4000	5.800142	0.945123	-11.8733	11.07325
{17}-{19}	10*30	10*120	16.4750	5.800142	0.005220	5.0017	27.94825
{17}-{20}	10*30	10*180	11.5167	5.800142	0.049152	0.0434	22.98992
{18}-{19}	10*60	10*120	16.8750	5.800142	0.004251	5.4017	28.34825
{18}-{20}	10*60	10*180	11.9167	5.800142	0.041896	0.4434	23.38992

{19}-{20}	10*120	10*180	-4.9583	5.800142	0.394175	-16.4316	6.51492
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**f. Medium (%)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=1.8223, p=.05061

Type V decomposition

Cell No.	Concentration	Time Point	Medium-vel - Mean	Medium-vel - Std.Err.	Medium-vel - -95.00%	Medium-vel - +95.00%	N
1	C	30	14.40833	1.927605	10.59534	18.22133	12
2	C	60	12.81667	1.927605	9.00367	16.62966	12
3	C	120	15.69167	1.927605	11.87867	19.50466	12
4	C	180	14.94167	1.927605	11.12867	18.75466	12
5	0.1	30	12.80833	1.927605	8.99534	16.62133	12
6	0.1	60	11.67500	1.927605	7.86201	15.48799	12



<b>7</b>	0.1	120	16.50833	1.927605	12.69534	20.32133	12
<b>8</b>	0.1	180	21.12500	1.927605	17.31201	24.93799	12
<b>9</b>	1	30	17.67500	1.927605	13.86201	21.48799	12
<b>10</b>	1	60	10.73333	1.927605	6.92034	14.54633	12
<b>11</b>	1	120	17.15833	1.927605	13.34534	20.97133	12
<b>12</b>	1	180	17.90833	1.927605	14.09534	21.72133	12
<b>13</b>	5	30	15.19167	1.927605	11.37867	19.00466	12
<b>14</b>	5	60	13.55000	1.927605	9.73701	17.36299	12
<b>15</b>	5	120	14.46667	1.927605	10.65367	18.27966	12
<b>16</b>	5	180	16.45833	1.927605	12.64534	20.27133	12
<b>17</b>	10	30	16.62500	1.927605	12.81201	20.43799	12
<b>18</b>	10	60	15.58333	1.927605	11.77034	19.39633	12
<b>19</b>	10	120	15.46667	1.927605	11.65367	19.27966	12

20	10	180	23.73333	1.927605	19.92034	27.54633	12
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LSD test; variable Medium-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	1.5917	2.538552	0.531744	-3.4298	6.61317
{1}-{3}	C*30	C*120	-1.2833	2.538552	0.614024	-6.3048	3.73817
{1}-{4}	C*30	C*180	-0.5333	2.538552	0.833919	-5.5548	4.48817
{1}-{5}	C*30	0.1*30	1.6000	2.351315	0.497399	-3.0511	6.25113
{1}-{6}	C*30	0.1*60	2.7333	2.616503	0.298094	-2.4424	7.90904
{1}-{7}	C*30	0.1*120	-2.1000	2.616503	0.423650	-7.2757	3.07570
{1}-{8}	C*30	0.1*180	-6.7167	2.616503	0.011372	-11.8924	-1.54096
{1}-{9}	C*30	1*30	-3.2667	2.351315	0.167083	-7.9178	1.38447
{1}-{10}	C*30	1*60	3.6750	2.616503	0.162505	-1.5007	8.85070
{1}-{11}	C*30	1*120	-2.7500	2.616503	0.295169	-7.9257	2.42570
{1}-{12}	C*30	1*180	-3.5000	2.616503	0.183306	-8.6757	1.67570

{1}-{13}	C*30	5*30	-0.7833	2.351315	0.739552	-5.4345	3.86780
{1}-{14}	C*30	5*60	0.8583	2.616503	0.743397	-4.3174	6.03404
{1}-{15}	C*30	5*120	-0.0583	2.616503	0.982247	-5.2340	5.11737
{1}-{16}	C*30	5*180	-2.0500	2.616503	0.434744	-7.2257	3.12570
{1}-{17}	C*30	10*30	-2.2167	2.351315	0.347539	-6.8678	2.43447
{1}-{18}	C*30	10*60	-1.1750	2.616503	0.654116	-6.3507	4.00070
{1}-{19}	C*30	10*120	-1.0583	2.616503	0.686512	-6.2340	4.11737
{1}-{20}	C*30	10*180	-9.3250	2.616503	0.000509	-14.5007	-4.14930
{2}-{3}	C*60	C*120	-2.8750	2.538552	0.259462	-7.8965	2.14651
{2}-{4}	C*60	C*180	-2.1250	2.538552	0.404054	-7.1465	2.89651
{2}-{5}	C*60	0.1*30	0.0083	2.616503	0.997464	-5.1674	5.18404
{2}-{6}	C*60	0.1*60	1.1417	2.351315	0.628096	-3.5095	5.79280
{2}-{7}	C*60	0.1*120	-3.6917	2.616503	0.160622	-8.8674	1.48404
{2}-{8}	C*60	0.1*180	-8.3083	2.616503	0.001863	-13.4840	-3.13263
{2}-{9}	C*60	1*30	-4.8583	2.616503	0.065568	-10.0340	0.31737
{2}-{10}	C*60	1*60	2.0833	2.351315	0.377213	-2.5678	6.73447
{2}-{11}	C*60	1*120	-4.3417	2.616503	0.099422	-9.5174	0.83404
{2}-{12}	C*60	1*180	-5.0917	2.616503	0.053782	-10.2674	0.08404
{2}-{13}	C*60	5*30	-2.3750	2.616503	0.365691	-7.5507	2.80070

{2}-{14}	C*60	5*60	-0.7333	2.351315	0.755622	-5.3845	3.91780
{2}-{15}	C*60	5*120	-1.6500	2.616503	0.529384	-6.8257	3.52570
{2}-{16}	C*60	5*180	-3.6417	2.616503	0.166322	-8.8174	1.53404
{2}-{17}	C*60	10*30	-3.8083	2.616503	0.147904	-8.9840	1.36737
{2}-{18}	C*60	10*60	-2.7667	2.351315	0.241454	-7.4178	1.88447
{2}-{19}	C*60	10*120	-2.6500	2.616503	0.313008	-7.8257	2.52570
{2}-{20}	C*60	10*180	-10.9167	2.616503	0.000054	-16.0924	-5.74096
{3}-{4}	C*120	C*180	0.7500	2.538552	0.768119	-4.2715	5.77151
{3}-{5}	C*120	0.1*30	2.8833	2.616503	0.272476	-2.2924	8.05904
{3}-{6}	C*120	0.1*60	4.0167	2.616503	0.127146	-1.1590	9.19237
{3}-{7}	C*120	0.1*120	-0.8167	2.351315	0.728902	-5.4678	3.83447
{3}-{8}	C*120	0.1*180	-5.4333	2.616503	0.039782	-10.6090	-0.25763
{3}-{9}	C*120	1*30	-1.9833	2.616503	0.449797	-7.1590	3.19237
{3}-{10}	C*120	1*60	4.9583	2.616503	0.060276	-0.2174	10.13404
{3}-{11}	C*120	1*120	-1.4667	2.351315	0.533859	-6.1178	3.18447
{3}-{12}	C*120	1*180	-2.2167	2.616503	0.398425	-7.3924	2.95904
{3}-{13}	C*120	5*30	0.5000	2.616503	0.848745	-4.6757	5.67570
{3}-{14}	C*120	5*60	2.1417	2.616503	0.414534	-3.0340	7.31737
{3}-{15}	C*120	5*120	1.2250	2.351315	0.603250	-3.4261	5.87613

{3}-{16}	C*120	5*180	-0.7667	2.616503	0.769973	-5.9424	4.40904
{3}-{17}	C*120	10*30	-0.9333	2.616503	0.721878	-6.1090	4.24237
{3}-{18}	C*120	10*60	0.1083	2.616503	0.967036	-5.0674	5.28404
{3}-{19}	C*120	10*120	0.2250	2.351315	0.923911	-4.4261	4.87613
{3}-{20}	C*120	10*180	-8.0417	2.616503	0.002571	-13.2174	-2.86596
{4}-{5}	C*180	0.1*30	2.1333	2.616503	0.416348	-3.0424	7.30904
{4}-{6}	C*180	0.1*60	3.2667	2.616503	0.214063	-1.9090	8.44237
{4}-{7}	C*180	0.1*120	-1.5667	2.616503	0.550357	-6.7424	3.60904
{4}-{8}	C*180	0.1*180	-6.1833	2.351315	0.009560	-10.8345	-1.53220
{4}-{9}	C*180	1*30	-2.7333	2.616503	0.298094	-7.9090	2.44237
{4}-{10}	C*180	1*60	4.2083	2.616503	0.110141	-0.9674	9.38404
{4}-{11}	C*180	1*120	-2.2167	2.616503	0.398425	-7.3924	2.95904
{4}-{12}	C*180	1*180	-2.9667	2.351315	0.209280	-7.6178	1.68447
{4}-{13}	C*180	5*30	-0.2500	2.616503	0.924025	-5.4257	4.92570
{4}-{14}	C*180	5*60	1.3917	2.616503	0.595703	-3.7840	6.56737
{4}-{15}	C*180	5*120	0.4750	2.616503	0.856222	-4.7007	5.65070
{4}-{16}	C*180	5*180	-1.5167	2.351315	0.520028	-6.1678	3.13447
{4}-{17}	C*180	10*30	-1.6833	2.616503	0.521112	-6.8590	3.49237
{4}-{18}	C*180	10*60	-0.6417	2.616503	0.806653	-5.8174	4.53404

{4}-{19}	C*180	10*120	-0.5250	2.616503	0.841282	-5.7007	4.65070
{4}-{20}	C*180	10*180	-8.7917	2.351315	0.000274	-13.4428	-4.14053
{5}-{6}	0.1*30	0.1*60	1.1333	2.538552	0.656005	-3.8882	6.15484
{5}-{7}	0.1*30	0.1*120	-3.7000	2.538552	0.147347	-8.7215	1.32151
{5}-{8}	0.1*30	0.1*180	-8.3167	2.538552	0.001345	-13.3382	-3.29516
{5}-{9}	0.1*30	1*30	-4.8667	2.351315	0.040424	-9.5178	-0.21553
{5}-{10}	0.1*30	1*60	2.0750	2.616503	0.429176	-3.1007	7.25070
{5}-{11}	0.1*30	1*120	-4.3500	2.616503	0.098781	-9.5257	0.82570
{5}-{12}	0.1*30	1*180	-5.1000	2.616503	0.053396	-10.2757	0.07570
{5}-{13}	0.1*30	5*30	-2.3833	2.351315	0.312620	-7.0345	2.26780
{5}-{14}	0.1*30	5*60	-0.7417	2.616503	0.777270	-5.9174	4.43404
{5}-{15}	0.1*30	5*120	-1.6583	2.616503	0.527310	-6.8340	3.51737
{5}-{16}	0.1*30	5*180	-3.6500	2.616503	0.165361	-8.8257	1.52570
{5}-{17}	0.1*30	10*30	-3.8167	2.351315	0.106931	-8.4678	0.83447
{5}-{18}	0.1*30	10*60	-2.7750	2.616503	0.290819	-7.9507	2.40070
{5}-{19}	0.1*30	10*120	-2.6583	2.616503	0.311494	-7.8340	2.51737
{5}-{20}	0.1*30	10*180	-10.9250	2.616503	0.000054	-16.1007	-5.74930
{6}-{7}	0.1*60	0.1*120	-4.8333	2.538552	0.059090	-9.8548	0.18817
{6}-{8}	0.1*60	0.1*180	-9.4500	2.538552	0.000291	-14.4715	-4.42849

{6}-{9}	0.1*60	1*30	-6.0000	2.616503	0.023421	-11.1757	-0.82430
{6}-{10}	0.1*60	1*60	0.9417	2.351315	0.689447	-3.7095	5.59280
{6}-{11}	0.1*60	1*120	-5.4833	2.616503	0.038021	-10.6590	-0.30763
{6}-{12}	0.1*60	1*180	-6.2333	2.616503	0.018631	-11.4090	-1.05763
{6}-{13}	0.1*60	5*30	-3.5167	2.616503	0.181243	-8.6924	1.65904
{6}-{14}	0.1*60	5*60	-1.8750	2.351315	0.426636	-6.5261	2.77613
{6}-{15}	0.1*60	5*120	-2.7917	2.616503	0.287944	-7.9674	2.38404
{6}-{16}	0.1*60	5*180	-4.7833	2.616503	0.069786	-9.9590	0.39237
{6}-{17}	0.1*60	10*30	-4.9500	2.616503	0.060703	-10.1257	0.22570
{6}-{18}	0.1*60	10*60	-3.9083	2.351315	0.098848	-8.5595	0.74280
{6}-{19}	0.1*60	10*120	-3.7917	2.616503	0.149671	-8.9674	1.38404
{6}-{20}	0.1*60	10*180	-12.0583	2.616503	0.000009	-17.2340	-6.88263
{7}-{8}	0.1*120	0.1*180	-4.6167	2.538552	0.071236	-9.6382	0.40484
{7}-{9}	0.1*120	1*30	-1.1667	2.616503	0.656409	-6.3424	4.00904
{7}-{10}	0.1*120	1*60	5.7750	2.616503	0.029032	0.5993	10.95070
{7}-{11}	0.1*120	1*120	-0.6500	2.351315	0.782642	-5.3011	4.00113
{7}-{12}	0.1*120	1*180	-1.4000	2.616503	0.593505	-6.5757	3.77570
{7}-{13}	0.1*120	5*30	1.3167	2.616503	0.615651	-3.8590	6.49237
{7}-{14}	0.1*120	5*60	2.9583	2.616503	0.260255	-2.2174	8.13404

{7}-{15}	0.1*120	5*120	2.0417	2.351315	0.386801	-2.6095	6.69280
{7}-{16}	0.1*120	5*180	0.0500	2.616503	0.984783	-5.1257	5.22570
{7}-{17}	0.1*120	10*30	-0.1167	2.616503	0.964502	-5.2924	5.05904
{7}-{18}	0.1*120	10*60	0.9250	2.616503	0.724259	-4.2507	6.10070
{7}-{19}	0.1*120	10*120	1.0417	2.351315	0.658480	-3.6095	5.69280
{7}-{20}	0.1*120	10*180	-7.2250	2.616503	0.006577	-12.4007	-2.04930
{8}-{9}	0.1*180	1*30	3.4500	2.616503	0.189602	-1.7257	8.62570
{8}-{10}	0.1*180	1*60	10.3917	2.616503	0.000117	5.2160	15.56737
{8}-{11}	0.1*180	1*120	3.9667	2.616503	0.131906	-1.2090	9.14237
{8}-{12}	0.1*180	1*180	3.2167	2.351315	0.173627	-1.4345	7.86780
{8}-{13}	0.1*180	5*30	5.9333	2.616503	0.024975	0.7576	11.10904
{8}-{14}	0.1*180	5*60	7.5750	2.616503	0.004437	2.3993	12.75070
{8}-{15}	0.1*180	5*120	6.6583	2.616503	0.012087	1.4826	11.83404
{8}-{16}	0.1*180	5*180	4.6667	2.351315	0.049251	0.0155	9.31780
{8}-{17}	0.1*180	10*30	4.5000	2.616503	0.087803	-0.6757	9.67570
{8}-{18}	0.1*180	10*60	5.5417	2.616503	0.036053	0.3660	10.71737
{8}-{19}	0.1*180	10*120	5.6583	2.616503	0.032378	0.4826	10.83404
{8}-{20}	0.1*180	10*180	-2.6083	2.351315	0.269314	-7.2595	2.04280
{9}-{10}	1*30	1*60	6.9417	2.538552	0.007106	1.9202	11.96317



{9}-{11}	1*30	1*120	0.5167	2.538552	0.839036	-4.5048	5.53817
{9}-{12}	1*30	1*180	-0.2333	2.538552	0.926904	-5.2548	4.78817
{9}-{13}	1*30	5*30	2.4833	2.351315	0.292830	-2.1678	7.13447
{9}-{14}	1*30	5*60	4.1250	2.616503	0.117297	-1.0507	9.30070
{9}-{15}	1*30	5*120	3.2083	2.616503	0.222310	-1.9674	8.38404
{9}-{16}	1*30	5*180	1.2167	2.616503	0.642700	-3.9590	6.39237
{9}-{17}	1*30	10*30	1.0500	2.351315	0.655926	-3.6011	5.70113
{9}-{18}	1*30	10*60	2.0917	2.616503	0.425487	-3.0840	7.26737
{9}-{19}	1*30	10*120	2.2083	2.616503	0.400195	-2.9674	7.38404
{9}-{20}	1*30	10*180	-6.0583	2.616503	0.022132	-11.2340	-0.88263
{10}-{11}	1*60	1*120	-6.4250	2.538552	0.012548	-11.4465	-1.40349
{10}-{12}	1*60	1*180	-7.1750	2.538552	0.005440	-12.1965	-2.15349
{10}-{13}	1*60	5*30	-4.4583	2.616503	0.090748	-9.6340	0.71737
{10}-{14}	1*60	5*60	-2.8167	2.351315	0.233098	-7.4678	1.83447
{10}-{15}	1*60	5*120	-3.7333	2.616503	0.155987	-8.9090	1.44237
{10}-{16}	1*60	5*180	-5.7250	2.616503	0.030427	-10.9007	-0.54930
{10}-{17}	1*60	10*30	-5.8917	2.616503	0.025991	-11.0674	-0.71596
{10}-{18}	1*60	10*60	-4.8500	2.351315	0.041104	-9.5011	-0.19887
{10}-{19}	1*60	10*120	-4.7333	2.616503	0.072722	-9.9090	0.44237

{10}-{20}	1*60	10*180	-13.0000	2.616503	0.000002	-18.1757	-7.82430
{11}-{12}	1*120	1*180	-0.7500	2.538552	0.768119	-5.7715	4.27151
{11}-{13}	1*120	5*30	1.9667	2.616503	0.453606	-3.2090	7.14237
{11}-{14}	1*120	5*60	3.6083	2.616503	0.170206	-1.5674	8.78404
{11}-{15}	1*120	5*120	2.6917	2.351315	0.254384	-1.9595	7.34280
{11}-{16}	1*120	5*180	0.7000	2.616503	0.789477	-4.4757	5.87570
{11}-{17}	1*120	10*30	0.5333	2.616503	0.838797	-4.6424	5.70904
{11}-{18}	1*120	10*60	1.5750	2.616503	0.548241	-3.6007	6.75070
{11}-{19}	1*120	10*120	1.6917	2.351315	0.473132	-2.9595	6.34280
{11}-{20}	1*120	10*180	-6.5750	2.616503	0.013178	-11.7507	-1.39930
{12}-{13}	1*180	5*30	2.7167	2.616503	0.301037	-2.4590	7.89237
{12}-{14}	1*180	5*60	4.3583	2.616503	0.098143	-0.8174	9.53404
{12}-{15}	1*180	5*120	3.4417	2.616503	0.190666	-1.7340	8.61737
{12}-{16}	1*180	5*180	1.4500	2.351315	0.538510	-3.2011	6.10113
{12}-{17}	1*180	10*30	1.2833	2.616503	0.624611	-3.8924	6.45904
{12}-{18}	1*180	10*60	2.3250	2.616503	0.375840	-2.8507	7.50070
{12}-{19}	1*180	10*120	2.4417	2.616503	0.352431	-2.7340	7.61737
{12}-{20}	1*180	10*180	-5.8250	2.351315	0.014500	-10.4761	-1.17387
{13}-{14}	5*30	5*60	1.6417	2.538552	0.518953	-3.3798	6.66317

{13}-{15}	5*30	5*120	0.7250	2.538552	0.775635	-4.2965	5.74651
{13}-{16}	5*30	5*180	-1.2667	2.538552	0.618630	-6.2882	3.75484
{13}-{17}	5*30	10*30	-1.4333	2.351315	0.543183	-6.0845	3.21780
{13}-{18}	5*30	10*60	-0.3917	2.616503	0.881237	-5.5674	4.78404
{13}-{19}	5*30	10*120	-0.2750	2.616503	0.916454	-5.4507	4.90070
{13}-{20}	5*30	10*180	-8.5417	2.616503	0.001397	-13.7174	-3.36596
{14}-{15}	5*60	5*120	-0.9167	2.538552	0.718603	-5.9382	4.10484
{14}-{16}	5*60	5*180	-2.9083	2.538552	0.254006	-7.9298	2.11317
{14}-{17}	5*60	10*30	-3.0750	2.616503	0.242017	-8.2507	2.10070
{14}-{18}	5*60	10*60	-2.0333	2.351315	0.388737	-6.6845	2.61780
{14}-{19}	5*60	10*120	-1.9167	2.616503	0.465144	-7.0924	3.25904
{14}-{20}	5*60	10*180	-10.1833	2.616503	0.000157	-15.3590	-5.00763
{15}-{16}	5*120	5*180	-1.9917	2.538552	0.434113	-7.0132	3.02984
{15}-{17}	5*120	10*30	-2.1583	2.616503	0.410921	-7.3340	3.01737
{15}-{18}	5*120	10*60	-1.1167	2.616503	0.670236	-6.2924	4.05904
{15}-{19}	5*120	10*120	-1.0000	2.351315	0.671315	-5.6511	3.65113
{15}-{20}	5*120	10*180	-9.2667	2.616503	0.000550	-14.4424	-4.09096
{16}-{17}	5*180	10*30	-0.1667	2.616503	0.949307	-5.3424	5.00904
{16}-{18}	5*180	10*60	0.8750	2.616503	0.738597	-4.3007	6.05070

{16}-{19}	5*180	10*120	0.9917	2.616503	0.705293	-4.1840	6.16737
{16}-{20}	5*180	10*180	-7.2750	2.351315	0.002411	-11.9261	-2.62387
{17}-{18}	10*30	10*60	1.0417	2.538552	0.682223	-3.9798	6.06317
{17}-{19}	10*30	10*120	1.1583	2.538552	0.648926	-3.8632	6.17984
{17}-{20}	10*30	10*180	-7.1083	2.538552	0.005875	-12.1298	-2.08683
{18}-{19}	10*60	10*120	0.1167	2.538552	0.963413	-4.9048	5.13817
{18}-{20}	10*60	10*180	-8.1500	2.538552	0.001664	-13.1715	-3.12849
{19}-{20}	10*120	10*180	-8.2667	2.538552	0.001434	-13.2882	-3.24516

### g. Slow (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.2753, p=.01170

Type V decomposition

Cell No.	Concentration	Time Point	Slow-vel - Mean	Slow-vel - Std.Err.	Slow-vel - -95.00%	Slow-vel - +95.00%	N
1	C	30	10.10833	1.138573	7.85612	12.36054	12
2	C	60	7.72500	1.138573	5.47279	9.97721	12

<b>3</b>	C	120	6.70000	1.138573	4.44779	8.95221	12
<b>4</b>	C	180	9.45000	1.138573	7.19779	11.70221	12
<b>5</b>	0.1	30	7.91667	1.138573	5.66446	10.16888	12
<b>6</b>	0.1	60	7.63333	1.138573	5.38112	9.88554	12
<b>7</b>	0.1	120	8.49167	1.138573	6.23946	10.74388	12
<b>8</b>	0.1	180	9.06667	1.138573	6.81446	11.31888	12
<b>9</b>	1	30	7.80000	1.138573	5.54779	10.05221	12
<b>10</b>	1	60	7.69167	1.138573	5.43946	9.94388	12
<b>11</b>	1	120	12.62500	1.138573	10.37279	14.87721	12
<b>12</b>	1	180	11.75000	1.138573	9.49779	14.00221	12
<b>13</b>	5	30	8.65833	1.138573	6.40612	10.91054	12
<b>14</b>	5	60	8.28333	1.138573	6.03112	10.53554	12
<b>15</b>	5	120	12.80000	1.138573	10.54779	15.05221	12

<b>16</b>	5	180	11.65000	1.138573	9.39779	13.90221	12
<b>17</b>	10	30	8.84167	1.138573	6.58946	11.09388	12
<b>18</b>	10	60	8.89167	1.138573	6.63946	11.14388	12
<b>19</b>	10	120	12.08333	1.138573	9.83112	14.33554	12
<b>20</b>	10	180	9.99167	1.138573	7.73946	12.24388	12

LSD test; variable Slow-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b> <b>Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
{1}-{2}	C*30	C*60	2.38333	1.551060	0.126789	-0.68482	5.45148
{1}-{3}	<b>C*30</b>	<b>C*120</b>	<b>3.40833</b>	<b>1.551060</b>	<b>0.029735</b>	<b>0.34018</b>	<b>6.47648</b>
{1}-{4}	C*30	C*180	0.65833	1.551060	0.671935	-2.40982	3.72648
{1}-{5}	C*30	0.1*30	2.19167	1.459021	0.135447	-0.69442	5.07775
{1}-{6}	C*30	0.1*60	2.47500	1.594618	0.123034	-0.67931	5.62931

{1}-{7}	C*30	0.1*120	1.61667	1.594618	0.312520	-1.53765	4.77098
{1}-{8}	C*30	0.1*180	1.04167	1.594618	0.514738	-2.11265	4.19598
{1}-{9}	C*30	1*30	2.30833	1.459021	0.116017	-0.57775	5.19442
{1}-{10}	C*30	1*60	2.41667	1.594618	0.132033	-0.73765	5.57098
{1}-{11}	C*30	1*120	-2.51667	1.594618	0.116907	-5.67098	0.63765
{1}-{12}	C*30	1*180	-1.64167	1.594618	0.305125	-4.79598	1.51265
{1}-{13}	C*30	5*30	1.45000	1.459021	0.322130	-1.43609	4.33609
{1}-{14}	C*30	5*60	1.82500	1.594618	0.254498	-1.32931	4.97931
{1}-{15}	C*30	5*120	-2.69167	1.594618	0.093778	-5.84598	0.46265
{1}-{16}	C*30	5*180	-1.54167	1.594618	0.335415	-4.69598	1.61265
{1}-{17}	C*30	10*30	1.26667	1.459021	0.386881	-1.61942	4.15275
{1}-{18}	C*30	10*60	1.21667	1.594618	0.446835	-1.93765	4.37098
{1}-{19}	C*30	10*120	-1.97500	1.594618	0.217714	-5.12931	1.17931
{1}-{20}	C*30	10*180	0.11667	1.594618	0.941787	-3.03765	3.27098
{2}-{3}	C*60	C*120	1.02500	1.551060	0.509868	-2.04315	4.09315
{2}-{4}	C*60	C*180	-1.72500	1.551060	0.268098	-4.79315	1.34315
{2}-{5}	C*60	0.1*30	-0.19167	1.594618	0.904511	-3.34598	2.96265
{2}-{6}	C*60	0.1*60	0.09167	1.459021	0.949999	-2.79442	2.97775
{2}-{7}	C*60	0.1*120	-0.76667	1.594618	0.631466	-3.92098	2.38765

{2}-{8}	C*60	0.1*180	-1.34167	1.594618	0.401661	-4.49598	1.81265
{2}-{9}	C*60	1*30	-0.07500	1.594618	0.962558	-3.22931	3.07931
{2}-{10}	C*60	1*60	0.03333	1.459021	0.981807	-2.85275	2.91942
{2}-{11}	C*60	1*120	-4.90000	1.594618	0.002576	-8.05431	-1.74569
{2}-{12}	C*60	1*180	-4.02500	1.594618	0.012784	-7.17931	-0.87069
{2}-{13}	C*60	5*30	-0.93333	1.594618	0.559344	-4.08765	2.22098
{2}-{14}	C*60	5*60	-0.55833	1.459021	0.702575	-3.44442	2.32775
{2}-{15}	C*60	5*120	-5.07500	1.594618	0.001820	-8.22931	-1.92069
{2}-{16}	C*60	5*180	-3.92500	1.594618	0.015130	-7.07931	-0.77069
{2}-{17}	C*60	10*30	-1.11667	1.594618	0.484990	-4.27098	2.03765
{2}-{18}	C*60	10*60	-1.16667	1.459021	0.425366	-4.05275	1.71942
{2}-{19}	C*60	10*120	-4.35833	1.594618	0.007133	-7.51265	-1.20402
{2}-{20}	C*60	10*180	-2.26667	1.594618	0.157545	-5.42098	0.88765
{3}-{4}	C*120	C*180	-2.75000	1.551060	0.078538	-5.81815	0.31815
{3}-{5}	C*120	0.1*30	-1.21667	1.594618	0.446835	-4.37098	1.93765
{3}-{6}	C*120	0.1*60	-0.93333	1.594618	0.559344	-4.08765	2.22098
{3}-{7}	C*120	0.1*120	-1.79167	1.459021	0.221635	-4.67775	1.09442
{3}-{8}	C*120	0.1*180	-2.36667	1.594618	0.140151	-5.52098	0.78765
{3}-{9}	C*120	1*30	-1.10000	1.594618	0.491518	-4.25431	2.05431



{3}-{10}	C*120	1*60	-0.99167	1.594618	0.535091	-4.14598	2.16265
{3}-{11}	C*120	1*120	-5.92500	1.459021	0.000083	-8.81109	-3.03891
{3}-{12}	C*120	1*180	-5.05000	1.594618	0.001914	-8.20431	-1.89569
{3}-{13}	C*120	5*30	-1.95833	1.594618	0.221599	-5.11265	1.19598
{3}-{14}	C*120	5*60	-1.58333	1.594618	0.322564	-4.73765	1.57098
{3}-{15}	C*120	5*120	-6.10000	1.459021	0.000053	-8.98609	-3.21391
{3}-{16}	C*120	5*180	-4.95000	1.594618	0.002335	-8.10431	-1.79569
{3}-{17}	C*120	10*30	-2.14167	1.594618	0.181557	-5.29598	1.01265
{3}-{18}	C*120	10*60	-2.19167	1.594618	0.171642	-5.34598	0.96265
{3}-{19}	C*120	10*120	-5.38333	1.459021	0.000327	-8.26942	-2.49725
{3}-{20}	C*120	10*180	-3.29167	1.594618	0.040954	-6.44598	-0.13735
{4}-{5}	C*180	0.1*30	1.53333	1.594618	0.338025	-1.62098	4.68765
{4}-{6}	C*180	0.1*60	1.81667	1.594618	0.256663	-1.33765	4.97098
{4}-{7}	C*180	0.1*120	0.95833	1.594618	0.548884	-2.19598	4.11265
{4}-{8}	C*180	0.1*180	0.38333	1.459021	0.793166	-2.50275	3.26942
{4}-{9}	C*180	1*30	1.65000	1.594618	0.302687	-1.50431	4.80431
{4}-{10}	C*180	1*60	1.75833	1.594618	0.272178	-1.39598	4.91265
{4}-{11}	C*180	1*120	-3.17500	1.594618	0.048538	-6.32931	-0.02069
{4}-{12}	C*180	1*180	-2.30000	1.459021	0.117327	-5.18609	0.58609

{4}-{13}	C*180	5*30	0.79167	1.594618	0.620395	-2.36265	3.94598
{4}-{14}	C*180	5*60	1.16667	1.594618	0.465693	-1.98765	4.32098
{4}-{15}	C*180	5*120	-3.35000	1.594618	0.037559	-6.50431	-0.19569
{4}-{16}	C*180	5*180	-2.20000	1.459021	0.133980	-5.08609	0.68609
{4}-{17}	C*180	10*30	0.60833	1.594618	0.703452	-2.54598	3.76265
{4}-{18}	C*180	10*60	0.55833	1.594618	0.726795	-2.59598	3.71265
{4}-{19}	C*180	10*120	-2.63333	1.594618	0.101036	-5.78765	0.52098
{4}-{20}	C*180	10*180	-0.54167	1.459021	0.711044	-3.42775	2.34442
{5}-{6}	0.1*30	0.1*60	0.28333	1.551060	0.855337	-2.78482	3.35148
{5}-{7}	0.1*30	0.1*120	-0.57500	1.551060	0.711445	-3.64315	2.49315
{5}-{8}	0.1*30	0.1*180	-1.15000	1.551060	0.459751	-4.21815	1.91815
{5}-{9}	0.1*30	1*30	0.11667	1.459021	0.936388	-2.76942	3.00275
{5}-{10}	0.1*30	1*60	0.22500	1.594618	0.888006	-2.92931	3.37931
{5}-{11}	0.1*30	1*120	-4.70833	1.594618	0.003731	-7.86265	-1.55402
{5}-{12}	0.1*30	1*180	-3.83333	1.594618	0.017609	-6.98765	-0.67902
{5}-{13}	0.1*30	5*30	-0.74167	1.459021	0.612069	-3.62775	2.14442
{5}-{14}	0.1*30	5*60	-0.36667	1.594618	0.818494	-3.52098	2.78765
{5}-{15}	0.1*30	5*120	-4.88333	1.594618	0.002662	-8.03765	-1.72902
{5}-{16}	0.1*30	5*180	-3.73333	1.594618	0.020719	-6.88765	-0.57902

{5}-{17}	0.1*30	10*30	-0.92500	1.459021	0.527187	-3.81109	1.96109
{5}-{18}	0.1*30	10*60	-0.97500	1.594618	0.541965	-4.12931	2.17931
{5}-{19}	0.1*30	10*120	-4.16667	1.594618	0.010018	-7.32098	-1.01235
{5}-{20}	0.1*30	10*180	-2.07500	1.594618	0.195439	-5.22931	1.07931
{6}-{7}	0.1*60	0.1*120	-0.85833	1.551060	0.580936	-3.92648	2.20982
{6}-{8}	0.1*60	0.1*180	-1.43333	1.551060	0.357121	-4.50148	1.63482
{6}-{9}	0.1*60	1*30	-0.16667	1.594618	0.916917	-3.32098	2.98765
{6}-{10}	0.1*60	1*60	-0.05833	1.459021	0.968169	-2.94442	2.82775
{6}-{11}	0.1*60	1*120	-4.99167	1.594618	0.002150	-8.14598	-1.83735
{6}-{12}	0.1*60	1*180	-4.11667	1.594618	0.010926	-7.27098	-0.96235
{6}-{13}	0.1*60	5*30	-1.02500	1.594618	0.521477	-4.17931	2.12931
{6}-{14}	0.1*60	5*60	-0.65000	1.459021	0.656685	-3.53609	2.23609
{6}-{15}	0.1*60	5*120	-5.16667	1.594618	0.001512	-8.32098	-2.01235
{6}-{16}	0.1*60	5*180	-4.01667	1.594618	0.012966	-7.17098	-0.86235
{6}-{17}	0.1*60	10*30	-1.20833	1.594618	0.449947	-4.36265	1.94598
{6}-{18}	0.1*60	10*60	-1.25833	1.459021	0.390004	-4.14442	1.62775
{6}-{19}	0.1*60	10*120	-4.45000	1.594618	0.006041	-7.60431	-1.29569
{6}-{20}	0.1*60	10*180	-2.35833	1.594618	0.141541	-5.51265	0.79598
{7}-{8}	0.1*120	0.1*180	-0.57500	1.551060	0.711445	-3.64315	2.49315

{7}-{9}	0.1*120	1*30	0.69167	1.594618	0.665178	-2.46265	3.84598
{7}-{10}	0.1*120	1*60	0.80000	1.594618	0.616723	-2.35431	3.95431
{7}-{11}	0.1*120	1*120	-4.13333	1.459021	0.005336	-7.01942	-1.24725
{7}-{12}	0.1*120	1*180	-3.25833	1.594618	0.043009	-6.41265	-0.10402
{7}-{13}	0.1*120	5*30	-0.16667	1.594618	0.916917	-3.32098	2.98765
{7}-{14}	0.1*120	5*60	0.20833	1.594618	0.896253	-2.94598	3.36265
{7}-{15}	0.1*120	5*120	-4.30833	1.459021	0.003728	-7.19442	-1.42225
{7}-{16}	0.1*120	5*180	-3.15833	1.594618	0.049713	-6.31265	-0.00402
{7}-{17}	0.1*120	10*30	-0.35000	1.594618	0.826609	-3.50431	2.80431
{7}-{18}	0.1*120	10*60	-0.40000	1.594618	0.802325	-3.55431	2.75431
{7}-{19}	0.1*120	10*120	-3.59167	1.459021	0.015118	-6.47775	-0.70558
{7}-{20}	0.1*120	10*180	-1.50000	1.594618	0.348595	-4.65431	1.65431
{8}-{9}	0.1*180	1*30	1.26667	1.594618	0.428424	-1.88765	4.42098
{8}-{10}	0.1*180	1*60	1.37500	1.594618	0.390100	-1.77931	4.52931
{8}-{11}	0.1*180	1*120	-3.55833	1.594618	0.027337	-6.71265	-0.40402
{8}-{12}	0.1*180	1*180	-2.68333	1.459021	0.068143	-5.56942	0.20275
{8}-{13}	0.1*180	5*30	0.40833	1.594618	0.798296	-2.74598	3.56265
{8}-{14}	0.1*180	5*60	0.78333	1.594618	0.624076	-2.37098	3.93765
{8}-{15}	0.1*180	5*120	-3.73333	1.594618	0.020719	-6.88765	-0.57902

{8}-{16}	0.1*180	5*180	-2.58333	1.459021	0.078937	-5.46942	0.30275
{8}-{17}	0.1*180	10*30	0.22500	1.594618	0.888006	-2.92931	3.37931
{8}-{18}	0.1*180	10*60	0.17500	1.594618	0.912779	-2.97931	3.32931
{8}-{19}	0.1*180	10*120	-3.01667	1.594618	0.060711	-6.17098	0.13765
{8}-{20}	0.1*180	10*180	-0.92500	1.459021	0.527187	-3.81109	1.96109
{9}-{10}	1*30	1*60	0.10833	1.551060	0.944423	-2.95982	3.17648
{9}-{11}	1*30	1*120	-4.82500	1.551060	0.002287	-7.89315	-1.75685
{9}-{12}	1*30	1*180	-3.95000	1.551060	0.012024	-7.01815	-0.88185
{9}-{13}	1*30	5*30	-0.85833	1.459021	0.557340	-3.74442	2.02775
{9}-{14}	1*30	5*60	-0.48333	1.594618	0.762289	-3.63765	2.67098
{9}-{15}	1*30	5*120	-5.00000	1.594618	0.002115	-8.15431	-1.84569
{9}-{16}	1*30	5*180	-3.85000	1.594618	0.017133	-7.00431	-0.69569
{9}-{17}	1*30	10*30	-1.04167	1.459021	0.476519	-3.92775	1.84442
{9}-{18}	1*30	10*60	-1.09167	1.594618	0.494800	-4.24598	2.06265
{9}-{19}	1*30	10*120	-4.28333	1.594618	0.008158	-7.43765	-1.12902
{9}-{20}	1*30	10*180	-2.19167	1.594618	0.171642	-5.34598	0.96265
{10}-{11}	1*60	1*120	-4.93333	1.551060	0.001832	-8.00148	-1.86518
{10}-{12}	1*60	1*180	-4.05833	1.551060	0.009920	-7.12648	-0.99018
{10}-{13}	1*60	5*30	-0.96667	1.594618	0.545419	-4.12098	2.18765

{10}-{14}	1*60	5*60	-0.59167	1.459021	0.685750	-3.47775	2.29442
{10}-{15}	1*60	5*120	-5.10833	1.594618	0.001702	-8.26265	-1.95402
{10}-{16}	1*60	5*180	-3.95833	1.594618	0.014309	-7.11265	-0.80402
{10}-{17}	1*60	10*30	-1.15000	1.594618	0.472077	-4.30431	2.00431
{10}-{18}	1*60	10*60	-1.20000	1.459021	0.412293	-4.08609	1.68609
{10}-{19}	1*60	10*120	-4.39167	1.594618	0.006717	-7.54598	-1.23735
{10}-{20}	1*60	10*180	-2.30000	1.594618	0.151572	-5.45431	0.85431
{11}-{12}	1*120	1*180	0.87500	1.551060	0.573623	-2.19315	3.94315
{11}-{13}	1*120	5*30	3.96667	1.594618	0.014109	0.81235	7.12098
{11}-{14}	1*120	5*60	4.34167	1.594618	0.007350	1.18735	7.49598
{11}-{15}	1*120	5*120	-0.17500	1.459021	0.904710	-3.06109	2.71109
{11}-{16}	1*120	5*180	0.97500	1.594618	0.541965	-2.17931	4.12931
{11}-{17}	1*120	10*30	3.78333	1.594618	0.019108	0.62902	6.93765
{11}-{18}	1*120	10*60	3.73333	1.594618	0.020719	0.57902	6.88765
{11}-{19}	1*120	10*120	0.54167	1.459021	0.711044	-2.34442	3.42775
{11}-{20}	1*120	10*180	2.63333	1.594618	0.101036	-0.52098	5.78765
{12}-{13}	1*180	5*30	3.09167	1.594618	0.054658	-0.06265	6.24598
{12}-{14}	1*180	5*60	3.46667	1.594618	0.031490	0.31235	6.62098
{12}-{15}	1*180	5*120	-1.05000	1.594618	0.511386	-4.20431	2.10431

{12}-{16}	1*180	5*180	0.10000	1.459021	0.945460	-2.78609	2.98609
{12}-{17}	1*180	10*30	2.90833	1.594618	0.070438	-0.24598	6.06265
{12}-{18}	1*180	10*60	2.85833	1.594618	0.075345	-0.29598	6.01265
{12}-{19}	1*180	10*120	-0.33333	1.594618	0.834742	-3.48765	2.82098
{12}-{20}	1*180	10*180	1.75833	1.459021	0.230303	-1.12775	4.64442
{13}-{14}	5*30	5*60	0.37500	1.551060	0.809333	-2.69315	3.44315
{13}-{15}	5*30	5*120	-4.14167	1.551060	0.008533	-7.20982	-1.07352
{13}-{16}	5*30	5*180	-2.99167	1.551060	0.055904	-6.05982	0.07648
{13}-{17}	5*30	10*30	-0.18333	1.459021	0.900196	-3.06942	2.70275
{13}-{18}	5*30	10*60	-0.23333	1.594618	0.883888	-3.38765	2.92098
{13}-{19}	5*30	10*120	-3.42500	1.594618	0.033552	-6.57931	-0.27069
{13}-{20}	5*30	10*180	-1.33333	1.594618	0.404584	-4.48765	1.82098
{14}-{15}	5*60	5*120	-4.51667	1.551060	0.004218	-7.58482	-1.44852
{14}-{16}	5*60	5*180	-3.36667	1.551060	0.031754	-6.43482	-0.29852
{14}-{17}	5*60	10*30	-0.55833	1.594618	0.726795	-3.71265	2.59598
{14}-{18}	5*60	10*60	-0.60833	1.459021	0.677395	-3.49442	2.27775
{14}-{19}	5*60	10*120	-3.80000	1.594618	0.018597	-6.95431	-0.64569
{14}-{20}	5*60	10*180	-1.70833	1.594618	0.285984	-4.86265	1.44598
{15}-{16}	5*120	5*180	1.15000	1.551060	0.459751	-1.91815	4.21815

{15}-{17}	5*120	10*30	3.95833	1.594618	0.014309	0.80402	7.11265
{15}-{18}	5*120	10*60	3.90833	1.594618	0.015556	0.75402	7.06265
{15}-{19}	5*120	10*120	0.71667	1.459021	0.624103	-2.16942	3.60275
{15}-{20}	5*120	10*180	2.80833	1.594618	0.080532	-0.34598	5.96265
{16}-{17}	5*180	10*30	2.80833	1.594618	0.080532	-0.34598	5.96265
{16}-{18}	5*180	10*60	2.75833	1.594618	0.086008	-0.39598	5.91265
{16}-{19}	5*180	10*120	-0.43333	1.594618	0.786241	-3.58765	2.72098
{16}-{20}	5*180	10*180	1.65833	1.459021	0.257762	-1.22775	4.54442
{17}-{18}	10*30	10*60	-0.05000	1.551060	0.974333	-3.11815	3.01815
{17}-{19}	10*30	10*120	-3.24167	1.551060	0.038539	-6.30982	-0.17352
{17}-{20}	10*30	10*180	-1.15000	1.551060	0.459751	-4.21815	1.91815
{18}-{19}	10*60	10*120	-3.19167	1.551060	0.041584	-6.25982	-0.12352
{18}-{20}	10*60	10*180	-1.10000	1.551060	0.479456	-4.16815	1.96815
{19}-{20}	10*120	10*180	2.09167	1.551060	0.179794	-0.97648	5.15982

## h. Static (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.5671, p=.00435$

Type V decomposition



<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>Static-vel - Mean</b>	<b>Static-vel - Std.Err.</b>	<b>Static-vel - -95.00%</b>	<b>Static-vel - +95.00%</b>	<b>N</b>
1	C	30	42.09167	5.843590	30.53247	53.65086	12
2	C	60	35.40000	5.843590	23.84080	46.95920	12
3	C	120	31.70833	5.843590	20.14914	43.26753	12
4	C	180	43.50000	5.843590	31.94080	55.05920	12
5	0.1	30	41.38333	5.843590	29.82414	52.94253	12
6	0.1	60	38.80000	5.843590	27.24080	50.35920	12
7	0.1	120	36.00000	5.843590	24.44080	47.55920	12
8	0.1	180	38.20833	5.843590	26.64914	49.76753	12
9	1	30	36.76667	5.843590	25.20747	48.32586	12
10	1	60	41.53333	5.843590	29.97414	53.09253	12
11	1	120	42.06667	5.843590	30.50747	53.62586	12

<b>12</b>	1	180	42.53333	5.843590	30.97414	54.09253	12
<b>13</b>	5	30	41.35833	5.843590	29.79914	52.91753	12
<b>14</b>	5	60	38.15833	5.843590	26.59914	49.71753	12
<b>15</b>	5	120	50.87500	5.843590	39.31580	62.43420	12
<b>16</b>	5	180	45.71667	5.843590	34.15747	57.27586	12
<b>17</b>	10	30	38.52500	5.843590	26.96580	50.08420	12
<b>18</b>	10	60	39.14167	5.843590	27.58247	50.70086	12
<b>19</b>	10	120	52.92500	5.843590	41.36580	64.48420	12
<b>20</b>	10	180	41.79167	5.843590	30.23247	53.35086	12

LSD test; variable Static-vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	6.6917	5.439587	0.220818	-4.0684	17.4517
{1}-{3}	C*30	C*120	10.3833	5.439587	0.058453	-0.3767	21.1434
{1}-{4}	C*30	C*180	-1.4083	5.439587	0.796112	-12.1684	9.3517
{1}-{5}	C*30	0.1*30	0.7083	4.904280	0.885380	-8.9928	10.4095
{1}-{6}	C*30	0.1*60	3.2917	5.854042	0.574872	-8.2882	14.8715
{1}-{7}	C*30	0.1*120	6.0917	5.854042	0.299967	-5.4882	17.6715
{1}-{8}	C*30	0.1*180	3.8833	5.854042	0.508257	-7.6965	15.4632
{1}-{9}	C*30	1*30	5.3250	4.904280	0.279552	-4.3762	15.0262
{1}-{10}	C*30	1*60	0.5583	5.854042	0.924161	-11.0215	12.1382
{1}-{11}	C*30	1*120	0.0250	5.854042	0.996599	-11.5549	11.6049
{1}-{12}	C*30	1*180	-0.4417	5.854042	0.939974	-12.0215	11.1382
{1}-{13}	C*30	5*30	0.7333	4.904280	0.881364	-8.9678	10.4345
{1}-{14}	C*30	5*60	3.9333	5.854042	0.502821	-7.6465	15.5132
{1}-{15}	C*30	5*120	-8.7833	5.854042	0.135902	-20.3632	2.7965
{1}-{16}	C*30	5*180	-3.6250	5.854042	0.536832	-15.2049	7.9549
{1}-{17}	C*30	10*30	3.5667	4.904280	0.468357	-6.1345	13.2678
{1}-{18}	C*30	10*60	2.9500	5.854042	0.615154	-8.6299	14.5299
{1}-{19}	C*30	10*120	-10.8333	5.854042	0.066466	-22.4132	0.7465

{1}-{20}	C*30	10*180	0.3000	5.854042	0.959206	-11.2799	11.8799
{2}-{3}	C*60	C*120	3.6917	5.439587	0.498537	-7.0684	14.4517
{2}-{4}	C*60	C*180	-8.1000	5.439587	0.138851	-18.8600	2.6600
{2}-{5}	C*60	0.1*30	-5.9833	5.854042	0.308610	-17.5632	5.5965
{2}-{6}	C*60	0.1*60	-3.4000	4.904280	0.489357	-13.1012	6.3012
{2}-{7}	C*60	0.1*120	-0.6000	5.854042	0.918521	-12.1799	10.9799
{2}-{8}	C*60	0.1*180	-2.8083	5.854042	0.632216	-14.3882	8.7715
{2}-{9}	C*60	1*30	-1.3667	5.854042	0.815768	-12.9465	10.2132
{2}-{10}	C*60	1*60	-6.1333	4.904280	0.213290	-15.8345	3.5678
{2}-{11}	C*60	1*120	-6.6667	5.854042	0.256843	-18.2465	4.9132
{2}-{12}	C*60	1*180	-7.1333	5.854042	0.225195	-18.7132	4.4465
{2}-{13}	C*60	5*30	-5.9583	5.854042	0.310628	-17.5382	5.6215
{2}-{14}	C*60	5*60	-2.7583	4.904280	0.574774	-12.4595	6.9428
{2}-{15}	C*60	5*120	-15.4750	5.854042	0.009200	-27.0549	-3.8951
{2}-{16}	C*60	5*180	-10.3167	5.854042	0.080331	-21.8965	1.2632
{2}-{17}	C*60	10*30	-3.1250	5.854042	0.594364	-14.7049	8.4549
{2}-{18}	C*60	10*60	-3.7417	4.904280	0.446861	-13.4428	5.9595
{2}-{19}	C*60	10*120	-17.5250	5.854042	0.003292	-29.1049	-5.9451
{2}-{20}	C*60	10*180	-6.3917	5.854042	0.276893	-17.9715	5.1882

{3}-{4}	C*120	C*180	-11.7917	5.439587	0.031971	-22.5517	-1.0316
{3}-{5}	C*120	0.1*30	-9.6750	5.854042	0.100768	-21.2549	1.9049
{3}-{6}	C*120	0.1*60	-7.0917	5.854042	0.227901	-18.6715	4.4882
{3}-{7}	C*120	0.1*120	-4.2917	4.904280	0.383117	-13.9928	5.4095
{3}-{8}	C*120	0.1*180	-6.5000	5.854042	0.268869	-18.0799	5.0799
{3}-{9}	C*120	1*30	-5.0583	5.854042	0.389114	-16.6382	6.5215
{3}-{10}	C*120	1*60	-9.8250	5.854042	0.095649	-21.4049	1.7549
{3}-{11}	C*120	1*120	-10.3583	4.904280	0.036562	-20.0595	-0.6572
{3}-{12}	C*120	1*180	-10.8250	5.854042	0.066673	-22.4049	0.7549
{3}-{13}	C*120	5*30	-9.6500	5.854042	0.101642	-21.2299	1.9299
{3}-{14}	C*120	5*60	-6.4500	5.854042	0.272552	-18.0299	5.1299
{3}-{15}	C*120	5*120	-19.1667	4.904280	0.000148	-28.8678	-9.4655
{3}-{16}	C*120	5*180	-14.0083	5.854042	0.018122	-25.5882	-2.4285
{3}-{17}	C*120	10*30	-6.8167	5.854042	0.246347	-18.3965	4.7632
{3}-{18}	C*120	10*60	-7.4333	5.854042	0.206398	-19.0132	4.1465
{3}-{19}	C*120	10*120	-21.2167	4.904280	0.000030	-30.9178	-11.5155
{3}-{20}	C*120	10*180	-10.0833	5.854042	0.087329	-21.6632	1.4965
{4}-{5}	C*180	0.1*30	2.1167	5.854042	0.718249	-9.4632	13.6965
{4}-{6}	C*180	0.1*60	4.7000	5.854042	0.423497	-6.8799	16.2799

{4}-{7}	C*180	0.1*120	7.5000	5.854042	0.202382	-4.0799	19.0799
{4}-{8}	C*180	0.1*180	5.2917	4.904280	0.282560	-4.4095	14.9928
{4}-{9}	C*180	1*30	6.7333	5.854042	0.252140	-4.8465	18.3132
{4}-{10}	C*180	1*60	1.9667	5.854042	0.737442	-9.6132	13.5465
{4}-{11}	C*180	1*120	1.4333	5.854042	0.806957	-10.1465	13.0132
{4}-{12}	C*180	1*180	0.9667	4.904280	0.844047	-8.7345	10.6678
{4}-{13}	C*180	5*30	2.1417	5.854042	0.715067	-9.4382	13.7215
{4}-{14}	C*180	5*60	5.3417	5.854042	0.363182	-6.2382	16.9215
{4}-{15}	C*180	5*120	-7.3750	5.854042	0.209960	-18.9549	4.2049
{4}-{16}	C*180	5*180	-2.2167	4.904280	0.652021	-11.9178	7.4845
{4}-{17}	C*180	10*30	4.9750	5.854042	0.396953	-6.6049	16.5549
{4}-{18}	C*180	10*60	4.3583	5.854042	0.457897	-7.2215	15.9382
{4}-{19}	C*180	10*120	-9.4250	5.854042	0.109787	-21.0049	2.1549
{4}-{20}	C*180	10*180	1.7083	4.904280	0.728143	-7.9928	11.4095
{5}-{6}	0.1*30	0.1*60	2.5833	5.439587	0.635633	-8.1767	13.3434
{5}-{7}	0.1*30	0.1*120	5.3833	5.439587	0.324152	-5.3767	16.1434
{5}-{8}	0.1*30	0.1*180	3.1750	5.439587	0.560429	-7.5850	13.9350
{5}-{9}	0.1*30	1*30	4.6167	4.904280	0.348243	-5.0845	14.3178
{5}-{10}	0.1*30	1*60	-0.1500	5.854042	0.979596	-11.7299	11.4299

{5}-{11}	0.1*30	1*120	-0.6833	5.854042	0.907253	-12.2632	10.8965
{5}-{12}	0.1*30	1*180	-1.1500	5.854042	0.844564	-12.7299	10.4299
{5}-{13}	0.1*30	5*30	0.0250	4.904280	0.995940	-9.6762	9.7262
{5}-{14}	0.1*30	5*60	3.2250	5.854042	0.582632	-8.3549	14.8049
{5}-{15}	0.1*30	5*120	-9.4917	5.854042	0.107321	-21.0715	2.0882
{5}-{16}	0.1*30	5*180	-4.3333	5.854042	0.460475	-15.9132	7.2465
{5}-{17}	0.1*30	10*30	2.8583	4.904280	0.561006	-6.8428	12.5595
{5}-{18}	0.1*30	10*60	2.2417	5.854042	0.702390	-9.3382	13.8215
{5}-{19}	0.1*30	10*120	-11.5417	5.854042	0.050750	-23.1215	0.0382
{5}-{20}	0.1*30	10*180	-0.4083	5.854042	0.944496	-11.9882	11.1715
{6}-{7}	0.1*60	0.1*120	2.8000	5.439587	0.607592	-7.9600	13.5600
{6}-{8}	0.1*60	0.1*180	0.5917	5.439587	0.913550	-10.1684	11.3517
{6}-{9}	0.1*60	1*30	2.0333	5.854042	0.728890	-9.5465	13.6132
{6}-{10}	0.1*60	1*60	-2.7333	4.904280	0.578242	-12.4345	6.9678
{6}-{11}	0.1*60	1*120	-3.2667	5.854042	0.577777	-14.8465	8.3132
{6}-{12}	0.1*60	1*180	-3.7333	5.854042	0.524750	-15.3132	7.8465
{6}-{13}	0.1*60	5*30	-2.5583	5.854042	0.662811	-14.1382	9.0215
{6}-{14}	0.1*60	5*60	0.6417	4.904280	0.896103	-9.0595	10.3428
{6}-{15}	0.1*60	5*120	-12.0750	5.854042	0.041104	-23.6549	-0.4951

{6}--{16}	0.1*60	5*180	-6.9167	5.854042	0.239521	-18.4965	4.6632
{6}--{17}	0.1*60	10*30	0.2750	5.854042	0.962603	-11.3049	11.8549
{6}--{18}	0.1*60	10*60	-0.3417	4.904280	0.944564	-10.0428	9.3595
{6}--{19}	0.1*60	10*120	-14.1250	5.854042	0.017201	-25.7049	-2.5451
{6}--{20}	0.1*60	10*180	-2.9917	5.854042	0.610175	-14.5715	8.5882
{7}--{8}	0.1*120	0.1*180	-2.2083	5.439587	0.685419	-12.9684	8.5517
{7}--{9}	0.1*120	1*30	-0.7667	5.854042	0.896003	-12.3465	10.8132
{7}--{10}	0.1*120	1*60	-5.5333	5.854042	0.346276	-17.1132	6.0465
{7}--{11}	0.1*120	1*120	-6.0667	4.904280	0.218278	-15.7678	3.6345
{7}--{12}	0.1*120	1*180	-6.5333	5.854042	0.266433	-18.1132	5.0465
{7}--{13}	0.1*120	5*30	-5.3583	5.854042	0.361692	-16.9382	6.2215
{7}--{14}	0.1*120	5*60	-2.1583	5.854042	0.712949	-13.7382	9.4215
{7}--{15}	0.1*120	5*120	-14.8750	4.904280	0.002915	-24.5762	-5.1738
{7}--{16}	0.1*120	5*180	-9.7167	5.854042	0.099324	-21.2965	1.8632
{7}--{17}	0.1*120	10*30	-2.5250	5.854042	0.666935	-14.1049	9.0549
{7}--{18}	0.1*120	10*60	-3.1417	5.854042	0.592402	-14.7215	8.4382
{7}--{19}	0.1*120	10*120	-16.9250	4.904280	0.000750	-26.6262	-7.2238
{7}--{20}	0.1*120	10*180	-5.7917	5.854042	0.324304	-17.3715	5.7882
{8}--{9}	0.1*180	1*30	1.4417	5.854042	0.805857	-10.1382	13.0215



{8}-{10}	0.1*180	1*60	-3.3250	5.854042	0.571011	-14.9049	8.2549
{8}-{11}	0.1*180	1*120	-3.8583	5.854042	0.510987	-15.4382	7.7215
{8}-{12}	0.1*180	1*180	-4.3250	4.904280	0.379443	-14.0262	5.3762
{8}-{13}	0.1*180	5*30	-3.1500	5.854042	0.591421	-14.7299	8.4299
{8}-{14}	0.1*180	5*60	0.0500	5.854042	0.993198	-11.5299	11.6299
{8}-{15}	0.1*180	5*120	-12.6667	5.854042	0.032284	-24.2465	-1.0868
{8}-{16}	0.1*180	5*180	-7.5083	4.904280	0.128168	-17.2095	2.1928
{8}-{17}	0.1*180	10*30	-0.3167	5.854042	0.956942	-11.8965	11.2632
{8}-{18}	0.1*180	10*60	-0.9333	5.854042	0.873571	-12.5132	10.6465
{8}-{19}	0.1*180	10*120	-14.7167	5.854042	0.013141	-26.2965	-3.1368
{8}-{20}	0.1*180	10*180	-3.5833	4.904280	0.466285	-13.2845	6.1178
{9}-{10}	1*30	1*60	-4.7667	5.439587	0.382463	-15.5267	5.9934
{9}-{11}	1*30	1*120	-5.3000	5.439587	0.331671	-16.0600	5.4600
{9}-{12}	1*30	1*180	-5.7667	5.439587	0.291022	-16.5267	4.9934
{9}-{13}	1*30	5*30	-4.5917	4.904280	0.350851	-14.2928	5.1095
{9}-{14}	1*30	5*60	-1.3917	5.854042	0.812461	-12.9715	10.1882
{9}-{15}	1*30	5*120	-14.1083	5.854042	0.017330	-25.6882	-2.5285
{9}-{16}	1*30	5*180	-8.9500	5.854042	0.128692	-20.5299	2.6299
{9}-{17}	1*30	10*30	-1.7583	4.904280	0.720519	-11.4595	7.9428

{9}-{18}	1*30	10*60	-2.3750	5.854042	0.685618	-13.9549	9.2049
{9}-{19}	1*30	10*120	-16.1583	5.854042	0.006599	-27.7382	-4.5785
{9}-{20}	1*30	10*180	-5.0250	5.854042	0.392238	-16.6049	6.5549
{10}-{11}	1*60	1*120	-0.5333	5.439587	0.922044	-11.2934	10.2267
{10}-{12}	1*60	1*180	-1.0000	5.439587	0.854423	-11.7600	9.7600
{10}-{13}	1*60	5*30	0.1750	5.854042	0.976197	-11.4049	11.7549
{10}-{14}	1*60	5*60	3.3750	4.904280	0.492551	-6.3262	13.0762
{10}-{15}	1*60	5*120	-9.3417	5.854042	0.112933	-20.9215	2.2382
{10}-{16}	1*60	5*180	-4.1833	5.854042	0.476114	-15.7632	7.3965
{10}-{17}	1*60	10*30	3.0083	5.854042	0.608188	-8.5715	14.5882
{10}-{18}	1*60	10*60	2.3917	4.904280	0.626593	-7.3095	12.0928
{10}-{19}	1*60	10*120	-11.3917	5.854042	0.053786	-22.9715	0.1882
{10}-{20}	1*60	10*180	-0.2583	5.854042	0.964868	-11.8382	11.3215
{11}-{12}	1*120	1*180	-0.4667	5.439587	0.931763	-11.2267	10.2934
{11}-{13}	1*120	5*30	0.7083	5.854042	0.903876	-10.8715	12.2882
{11}-{14}	1*120	5*60	3.9083	5.854042	0.505535	-7.6715	15.4882
{11}-{15}	1*120	5*120	-8.8083	4.904280	0.074774	-18.5095	0.8928
{11}-{16}	1*120	5*180	-3.6500	5.854042	0.534031	-15.2299	7.9299
{11}-{17}	1*120	10*30	3.5417	5.854042	0.546221	-8.0382	15.1215

{11}-{18}	1*120	10*60	2.9250	5.854042	0.618150	-8.6549	14.5049
{11}-{19}	1*120	10*120	-10.8583	4.904280	0.028542	-20.5595	-1.1572
{11}-{20}	1*120	10*180	0.2750	5.854042	0.962603	-11.3049	11.8549
{12}-{13}	1*180	5*30	1.1750	5.854042	0.841230	-10.4049	12.7549
{12}-{14}	1*180	5*60	4.3750	5.854042	0.456183	-7.2049	15.9549
{12}-{15}	1*180	5*120	-8.3417	5.854042	0.156534	-19.9215	3.2382
{12}-{16}	1*180	5*180	-3.1833	4.904280	0.517406	-12.8845	6.5178
{12}-{17}	1*180	10*30	4.0083	5.854042	0.494726	-7.5715	15.5882
{12}-{18}	1*180	10*60	3.3917	5.854042	0.563326	-8.1882	14.9715
{12}-{19}	1*180	10*120	-10.3917	5.854042	0.078182	-21.9715	1.1882
{12}-{20}	1*180	10*180	0.7417	4.904280	0.880026	-8.9595	10.4428
{13}-{14}	5*30	5*60	3.2000	5.439587	0.557350	-7.5600	13.9600
{13}-{15}	5*30	5*120	-9.5167	5.439587	0.082525	-20.2767	1.2434
{13}-{16}	5*30	5*180	-4.3583	5.439587	0.424441	-15.1184	6.4017
{13}-{17}	5*30	10*30	2.8333	4.904280	0.564433	-6.8678	12.5345
{13}-{18}	5*30	10*60	2.2167	5.854042	0.705552	-9.3632	13.7965
{13}-{19}	5*30	10*120	-11.5667	5.854042	0.050258	-23.1465	0.0132
{13}-{20}	5*30	10*180	-0.4333	5.854042	0.941104	-12.0132	11.1465
{14}-{15}	5*60	5*120	-12.7167	5.439587	0.020901	-23.4767	-1.9566

{14}-{16}	5*60	5*180	-7.5583	5.439587	0.167019	-18.3184	3.2017
{14}-{17}	5*60	10*30	-0.3667	5.854042	0.950152	-11.9465	11.2132
{14}-{18}	5*60	10*60	-0.9833	4.904280	0.841394	-10.6845	8.7178
{14}-{19}	5*60	10*120	-14.7667	5.854042	0.012841	-26.3465	-3.1868
{14}-{20}	5*60	10*180	-3.6333	5.854042	0.535898	-15.2132	7.9465
{15}-{16}	5*120	5*180	5.1583	5.439587	0.344712	-5.6017	15.9184
{15}-{17}	5*120	10*30	12.3500	5.854042	0.036776	0.7701	23.9299
{15}-{18}	5*120	10*60	11.7333	5.854042	0.047083	0.1535	23.3132
{15}-{19}	5*120	10*120	-2.0500	4.904280	0.676625	-11.7512	7.6512
{15}-{20}	5*120	10*180	9.0833	5.854042	0.123144	-2.4965	20.6632
{16}-{17}	5*180	10*30	7.1917	5.854042	0.221447	-4.3882	18.7715
{16}-{18}	5*180	10*60	6.5750	5.854042	0.263410	-5.0049	18.1549
{16}-{19}	5*180	10*120	-7.2083	5.854042	0.220384	-18.7882	4.3715
{16}-{20}	5*180	10*180	3.9250	4.904280	0.424963	-5.7762	13.6262
{17}-{18}	10*30	10*60	-0.6167	5.439587	0.909912	-11.3767	10.1434
{17}-{19}	10*30	10*120	-14.4000	5.439587	0.009103	-25.1600	-3.6400
{17}-{20}	10*30	10*180	-3.2667	5.439587	0.549179	-14.0267	7.4934
{18}-{19}	10*60	10*120	-13.7833	5.439587	0.012449	-24.5434	-3.0233
{18}-{20}	10*60	10*180	-2.6500	5.439587	0.626946	-13.4100	8.1100

{19}-{20}	10*120	10*180	11.1333	5.439587	0.042670	0.3733	21.8934
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### i. Fast Progressive Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.2345, p=.01341

Type V decomposition

Cell No.	Concentration	Time Point	Fast Prog- WHO - Mean	Fast Prog- WHO - Std.Err.	Fast Prog- WHO - -95.00%	Fast Prog- WHO - +95.00%	N
1	C	30	11.02500	2.308326	6.45890	15.59110	12
2	C	60	11.71667	2.308326	7.15057	16.28276	12
3	C	120	10.58333	2.308326	6.01724	15.14943	12
4	C	180	8.76667	2.308326	4.20057	13.33276	12
5	0.1	30	12.90000	2.308326	8.33390	17.46610	12
6	0.1	60	14.38333	2.308326	9.81724	18.94943	12

<b>7</b>	0.1	120	11.68333	2.308326	7.11724	16.24943	12
<b>8</b>	0.1	180	6.94167	2.308326	2.37557	11.50776	12
<b>9</b>	1	30	6.32500	2.308326	1.75890	10.89110	12
<b>10</b>	1	60	15.13333	2.308326	10.56724	19.69943	12
<b>11</b>	1	120	9.19167	2.308326	4.62557	13.75776	12
<b>12</b>	1	180	5.36667	2.308326	0.80057	9.93276	12
<b>13</b>	5	30	5.40833	2.308326	0.84224	9.97443	12
<b>14</b>	5	60	9.00000	2.308326	4.43390	13.56610	12
<b>15</b>	5	120	4.84167	2.308326	0.27557	9.40776	12
<b>16</b>	5	180	4.92500	2.308326	0.35890	9.49110	12
<b>17</b>	10	30	3.81667	2.308326	-0.74943	8.38276	12
<b>18</b>	10	60	4.39167	2.308326	-0.17443	8.95776	12
<b>19</b>	10	120	4.69167	2.308326	0.12557	9.25776	12

20	10	180	4.26667	2.308326	-0.29943	8.83276	12
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LSD test; variable Fast Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-0.69167	2.659675	0.795225	-5.9528	4.56943
{1}-{3}	C*30	C*120	0.44167	2.659675	0.868363	-4.8194	5.70277
{1}-{4}	C*30	C*180	2.25833	2.659675	0.397362	-3.0028	7.51943
{1}-{5}	C*30	0.1*30	-1.87500	2.130469	0.380411	-6.0893	2.33928
{1}-{6}	C*30	0.1*60	-3.35833	2.866178	0.243423	-9.0279	2.31125
{1}-{7}	C*30	0.1*120	-0.65833	2.866178	0.818688	-6.3279	5.01125
{1}-{8}	C*30	0.1*180	4.08333	2.866178	0.156615	-1.5862	9.75292
{1}-{9}	C*30	1*30	4.70000	2.130469	0.029108	0.4857	8.91428
{1}-{10}	C*30	1*60	-4.10833	2.866178	0.154112	-9.7779	1.56125
{1}-{11}	C*30	1*120	1.83333	2.866178	0.523513	-3.8362	7.50292
{1}-{12}	C*30	1*180	5.65833	2.866178	0.050450	-0.0112	11.32792

{1}-{13}	C*30	5*30	5.61667	2.130469	0.009385	1.4024	9.83094
{1}-{14}	C*30	5*60	2.02500	2.866178	0.481113	-3.6446	7.69458
{1}-{15}	C*30	5*120	6.18333	2.866178	0.032790	0.5138	11.85292
{1}-{16}	C*30	5*180	6.10000	2.866178	0.035173	0.4304	11.76958
{1}-{17}	C*30	10*30	7.20833	2.130469	0.000943	2.9941	11.42261
{1}-{18}	C*30	10*60	6.63333	2.866178	0.022193	0.9638	12.30292
{1}-{19}	C*30	10*120	6.33333	2.866178	0.028851	0.6638	12.00292
{1}-{20}	C*30	10*180	6.75833	2.866178	0.019844	1.0888	12.42792
{2}-{3}	C*60	C*120	1.13333	2.659675	0.670716	-4.1278	6.39443
{2}-{4}	C*60	C*180	2.95000	2.659675	0.269379	-2.3111	8.21110
{2}-{5}	C*60	0.1*30	-1.18333	2.866178	0.680378	-6.8529	4.48625
{2}-{6}	C*60	0.1*60	-2.66667	2.130469	0.212900	-6.8809	1.54761
{2}-{7}	C*60	0.1*120	0.03333	2.866178	0.990738	-5.6362	5.70292
{2}-{8}	C*60	0.1*180	4.77500	2.866178	0.098088	-0.8946	10.44458
{2}-{9}	C*60	1*30	5.39167	2.866178	0.062156	-0.2779	11.06125
{2}-{10}	C*60	1*60	-3.41667	2.130469	0.111167	-7.6309	0.79761
{2}-{11}	C*60	1*120	2.52500	2.866178	0.379938	-3.1446	8.19458
{2}-{12}	C*60	1*180	6.35000	2.866178	0.028440	0.6804	12.01958
{2}-{13}	C*60	5*30	6.30833	2.866178	0.029478	0.6388	11.97792



{2}-{14}	C*60	5*60	2.71667	2.130469	0.204496	-1.4976	6.93094
{2}-{15}	C*60	5*120	6.87500	2.866178	0.017853	1.2054	12.54458
{2}-{16}	C*60	5*180	6.79167	2.866178	0.019256	1.1221	12.46125
{2}-{17}	C*60	10*30	7.90000	2.866178	0.006674	2.2304	13.56958
{2}-{18}	C*60	10*60	7.32500	2.130469	0.000784	3.1107	11.53928
{2}-{19}	C*60	10*120	7.02500	2.866178	0.015554	1.3554	12.69458
{2}-{20}	C*60	10*180	7.45000	2.866178	0.010405	1.7804	13.11958
{3}-{4}	C*120	C*180	1.81667	2.659675	0.495778	-3.4444	7.07777
{3}-{5}	C*120	0.1*30	-2.31667	2.866178	0.420385	-7.9862	3.35292
{3}-{6}	C*120	0.1*60	-3.80000	2.866178	0.187193	-9.4696	1.86958
{3}-{7}	C*120	0.1*120	-1.10000	2.130469	0.606496	-5.3143	3.11428
{3}-{8}	C*120	0.1*180	3.64167	2.866178	0.206118	-2.0279	9.31125
{3}-{9}	C*120	1*30	4.25833	2.866178	0.139738	-1.4112	9.92792
{3}-{10}	C*120	1*60	-4.55000	2.866178	0.114796	-10.2196	1.11958
{3}-{11}	C*120	1*120	1.39167	2.130469	0.514750	-2.8226	5.60594
{3}-{12}	C*120	1*180	5.21667	2.866178	0.071013	-0.4529	10.88625
{3}-{13}	C*120	5*30	5.17500	2.866178	0.073269	-0.4946	10.84458
{3}-{14}	C*120	5*60	1.58333	2.866178	0.581595	-4.0862	7.25292
{3}-{15}	C*120	5*120	5.74167	2.130469	0.007954	1.5274	9.95594

{3}-{16}	C*120	5*180	5.65833	2.866178	0.050450	-0.0112	11.32792
{3}-{17}	C*120	10*30	6.76667	2.866178	0.019696	1.0971	12.43625
{3}-{18}	C*120	10*60	6.19167	2.866178	0.032559	0.5221	11.86125
{3}-{19}	C*120	10*120	5.89167	2.130469	0.006500	1.6774	10.10594
{3}-{20}	C*120	10*180	6.31667	2.866178	0.029267	0.6471	11.98625
{4}-{5}	C*180	0.1*30	-4.13333	2.866178	0.151641	-9.8029	1.53625
{4}-{6}	C*180	0.1*60	-5.61667	2.866178	0.052145	-11.2862	0.05292
{4}-{7}	C*180	0.1*120	-2.91667	2.866178	0.310722	-8.5862	2.75292
{4}-{8}	C*180	0.1*180	1.82500	2.130469	0.393208	-2.3893	6.03928
{4}-{9}	C*180	1*30	2.44167	2.866178	0.395818	-3.2279	8.11125
{4}-{10}	C*180	1*60	-6.36667	2.866178	0.028034	-12.0362	-0.69708
{4}-{11}	C*180	1*120	-0.42500	2.866178	0.882347	-6.0946	5.24458
{4}-{12}	C*180	1*180	3.40000	2.130469	0.112904	-0.8143	7.61428
{4}-{13}	C*180	5*30	3.35833	2.866178	0.243423	-2.3112	9.02792
{4}-{14}	C*180	5*60	-0.23333	2.866178	0.935240	-5.9029	5.43625
{4}-{15}	C*180	5*120	3.92500	2.866178	0.173193	-1.7446	9.59458
{4}-{16}	C*180	5*180	3.84167	2.130469	0.073637	-0.3726	8.05594
{4}-{17}	C*180	10*30	4.95000	2.866178	0.086500	-0.7196	10.61958
{4}-{18}	C*180	10*60	4.37500	2.866178	0.129297	-1.2946	10.04458

{4}-{19}	C*180	10*120	4.07500	2.866178	0.157456	-1.5946	9.74458
{4}-{20}	C*180	10*180	4.50000	2.130469	0.036552	0.2857	8.71428
{5}-{6}	0.1*30	0.1*60	-1.48333	2.659675	0.577985	-6.7444	3.77777
{5}-{7}	0.1*30	0.1*120	1.21667	2.659675	0.648100	-4.0444	6.47777
{5}-{8}	0.1*30	0.1*180	5.95833	2.659675	0.026747	0.6972	11.21943
{5}-{9}	0.1*30	1*30	6.57500	2.130469	0.002471	2.3607	10.78928
{5}-{10}	0.1*30	1*60	-2.23333	2.866178	0.437255	-7.9029	3.43625
{5}-{11}	0.1*30	1*120	3.70833	2.866178	0.197985	-1.9612	9.37792
{5}-{12}	0.1*30	1*180	7.53333	2.866178	0.009597	1.8638	13.20292
{5}-{13}	0.1*30	5*30	7.49167	2.130469	0.000600	3.2774	11.70594
{5}-{14}	0.1*30	5*60	3.90000	2.866178	0.175928	-1.7696	9.56958
{5}-{15}	0.1*30	5*120	8.05833	2.866178	0.005683	2.3888	13.72792
{5}-{16}	0.1*30	5*180	7.97500	2.866178	0.006186	2.3054	13.64458
{5}-{17}	0.1*30	10*30	9.08333	2.130469	0.000038	4.8691	13.29761
{5}-{18}	0.1*30	10*60	8.50833	2.866178	0.003555	2.8388	14.17792
{5}-{19}	0.1*30	10*120	8.20833	2.866178	0.004870	2.5388	13.87792
{5}-{20}	0.1*30	10*180	8.63333	2.866178	0.003110	2.9638	14.30292
{6}-{7}	0.1*60	0.1*120	2.70000	2.659675	0.311886	-2.5611	7.96110
{6}-{8}	0.1*60	0.1*180	7.44167	2.659675	0.005913	2.1806	12.70277

{6}-{9}	0.1*60	1*30	8.05833	2.866178	0.005683	2.3888	13.72792
{6}-{10}	0.1*60	1*60	-0.75000	2.130469	0.725373	-4.9643	3.46428
{6}-{11}	0.1*60	1*120	5.19167	2.866178	0.072360	-0.4779	10.86125
{6}-{12}	0.1*60	1*180	9.01667	2.866178	0.002047	3.3471	14.68625
{6}-{13}	0.1*60	5*30	8.97500	2.866178	0.002143	3.3054	14.64458
{6}-{14}	0.1*60	5*60	5.38333	2.130469	0.012690	1.1691	9.59761
{6}-{15}	0.1*60	5*120	9.54167	2.866178	0.001130	3.8721	15.21125
{6}-{16}	0.1*60	5*180	9.45833	2.866178	0.001243	3.7888	15.12792
{6}-{17}	0.1*60	10*30	10.56667	2.866178	0.000331	4.8971	16.23625
{6}-{18}	0.1*60	10*60	9.99167	2.130469	0.000007	5.7774	14.20594
{6}-{19}	0.1*60	10*120	9.69167	2.866178	0.000949	4.0221	15.36125
{6}-{20}	0.1*60	10*180	10.11667	2.866178	0.000573	4.4471	15.78625
{7}-{8}	0.1*120	0.1*180	4.74167	2.659675	0.076917	-0.5194	10.00277
{7}-{9}	0.1*120	1*30	5.35833	2.866178	0.063768	-0.3112	11.02792
{7}-{10}	0.1*120	1*60	-3.45000	2.866178	0.230862	-9.1196	2.21958
{7}-{11}	0.1*120	1*120	2.49167	2.130469	0.244294	-1.7226	6.70594
{7}-{12}	0.1*120	1*180	6.31667	2.866178	0.029267	0.6471	11.98625
{7}-{13}	0.1*120	5*30	6.27500	2.866178	0.030331	0.6054	11.94458
{7}-{14}	0.1*120	5*60	2.68333	2.866178	0.350877	-2.9862	8.35292

{7}-{15}	0.1*120	5*120	6.84167	2.130469	0.001660	2.6274	11.05594
{7}-{16}	0.1*120	5*180	6.75833	2.866178	0.019844	1.0888	12.42792
{7}-{17}	0.1*120	10*30	7.86667	2.866178	0.006901	2.1971	13.53625
{7}-{18}	0.1*120	10*60	7.29167	2.866178	0.012110	1.6221	12.96125
{7}-{19}	0.1*120	10*120	6.99167	2.130469	0.001320	2.7774	11.20594
{7}-{20}	0.1*120	10*180	7.41667	2.866178	0.010745	1.7471	13.08625
{8}-{9}	0.1*180	1*30	0.61667	2.866178	0.829980	-5.0529	6.28625
{8}-{10}	0.1*180	1*60	-8.19167	2.866178	0.004955	-13.8612	-2.52208
{8}-{11}	0.1*180	1*120	-2.25000	2.866178	0.433850	-7.9196	3.41958
{8}-{12}	0.1*180	1*180	1.57500	2.130469	0.461053	-2.6393	5.78928
{8}-{13}	0.1*180	5*30	1.53333	2.866178	0.593567	-4.1362	7.20292
{8}-{14}	0.1*180	5*60	-2.05833	2.866178	0.473937	-7.7279	3.61125
{8}-{15}	0.1*180	5*120	2.10000	2.866178	0.465051	-3.5696	7.76958
{8}-{16}	0.1*180	5*180	2.01667	2.130469	0.345581	-2.1976	6.23094
{8}-{17}	0.1*180	10*30	3.12500	2.866178	0.277566	-2.5446	8.79458
{8}-{18}	0.1*180	10*60	2.55000	2.866178	0.375253	-3.1196	8.21958
{8}-{19}	0.1*180	10*120	2.25000	2.866178	0.433850	-3.4196	7.91958
{8}-{20}	0.1*180	10*180	2.67500	2.130469	0.211482	-1.5393	6.88928
{9}-{10}	1*30	1*60	-8.80833	2.659675	0.001196	-14.0694	-3.54723

{9}-{11}	1*30	1*120	-2.86667	2.659675	0.283077	-8.1278	2.39443
{9}-{12}	1*30	1*180	0.95833	2.659675	0.719184	-4.3028	6.21943
{9}-{13}	1*30	5*30	0.91667	2.130469	0.667704	-3.2976	5.13094
{9}-{14}	1*30	5*60	-2.67500	2.866178	0.352370	-8.3446	2.99458
{9}-{15}	1*30	5*120	1.48333	2.866178	0.605652	-4.1862	7.15292
{9}-{16}	1*30	5*180	1.40000	2.866178	0.626038	-4.2696	7.06958
{9}-{17}	1*30	10*30	2.50833	2.130469	0.241170	-1.7059	6.72261
{9}-{18}	1*30	10*60	1.93333	2.866178	0.501152	-3.7362	7.60292
{9}-{19}	1*30	10*120	1.63333	2.866178	0.569738	-4.0362	7.30292
{9}-{20}	1*30	10*180	2.05833	2.866178	0.473937	-3.6112	7.72792
{10}-{11}	1*60	1*120	5.94167	2.659675	0.027167	0.6806	11.20277
{10}-{12}	1*60	1*180	9.76667	2.659675	0.000348	4.5056	15.02777
{10}-{13}	1*60	5*30	9.72500	2.866178	0.000913	4.0554	15.39458
{10}-{14}	1*60	5*60	6.13333	2.130469	0.004658	1.9191	10.34761
{10}-{15}	1*60	5*120	10.29167	2.866178	0.000464	4.6221	15.96125
{10}-{16}	1*60	5*180	10.20833	2.866178	0.000513	4.5388	15.87792
{10}-{17}	1*60	10*30	11.31667	2.866178	0.000127	5.6471	16.98625
{10}-{18}	1*60	10*60	10.74167	2.130469	0.000001	6.5274	14.95594
{10}-{19}	1*60	10*120	10.44167	2.866178	0.000386	4.7721	16.11125

{10}-{20}	1*60	10*180	10.86667	2.866178	0.000227	5.1971	16.53625
{11}-{12}	1*120	1*180	3.82500	2.659675	0.152759	-1.4361	9.08610
{11}-{13}	1*120	5*30	3.78333	2.866178	0.189122	-1.8862	9.45292
{11}-{14}	1*120	5*60	0.19167	2.866178	0.946785	-5.4779	5.86125
{11}-{15}	1*120	5*120	4.35000	2.130469	0.043163	0.1357	8.56428
{11}-{16}	1*120	5*180	4.26667	2.866178	0.138971	-1.4029	9.93625
{11}-{17}	1*120	10*30	5.37500	2.866178	0.062958	-0.2946	11.04458
{11}-{18}	1*120	10*60	4.80000	2.866178	0.096360	-0.8696	10.46958
{11}-{19}	1*120	10*120	4.50000	2.130469	0.036552	0.2857	8.71428
{11}-{20}	1*120	10*180	4.92500	2.866178	0.088084	-0.7446	10.59458
{12}-{13}	1*180	5*30	-0.04167	2.866178	0.988423	-5.7112	5.62792
{12}-{14}	1*180	5*60	-3.63333	2.866178	0.207152	-9.3029	2.03625
{12}-{15}	1*180	5*120	0.52500	2.866178	0.854945	-5.1446	6.19458
{12}-{16}	1*180	5*180	0.44167	2.130469	0.836088	-3.7726	4.65594
{12}-{17}	1*180	10*30	1.55000	2.866178	0.589564	-4.1196	7.21958
{12}-{18}	1*180	10*60	0.97500	2.866178	0.734266	-4.6946	6.64458
{12}-{19}	1*180	10*120	0.67500	2.866178	0.814182	-4.9946	6.34458
{12}-{20}	1*180	10*180	1.10000	2.130469	0.606496	-3.1143	5.31428
{13}-{14}	5*30	5*60	-3.59167	2.659675	0.179193	-8.8528	1.66943

{13}-{15}	5*30	5*120	0.56667	2.659675	0.831610	-4.6944	5.82777
{13}-{16}	5*30	5*180	0.48333	2.659675	0.856076	-4.7778	5.74443
{13}-{17}	5*30	10*30	1.59167	2.130469	0.456334	-2.6226	5.80594
{13}-{18}	5*30	10*60	1.01667	2.866178	0.723372	-4.6529	6.68625
{13}-{19}	5*30	10*120	0.71667	2.866178	0.802943	-4.9529	6.38625
{13}-{20}	5*30	10*180	1.14167	2.866178	0.691035	-4.5279	6.81125
{14}-{15}	5*60	5*120	4.15833	2.659675	0.120335	-1.1028	9.41943
{14}-{16}	5*60	5*180	4.07500	2.659675	0.127881	-1.1861	9.33610
{14}-{17}	5*60	10*30	5.18333	2.866178	0.072813	-0.4862	10.85292
{14}-{18}	5*60	10*60	4.60833	2.130469	0.032338	0.3941	8.82261
{14}-{19}	5*60	10*120	4.30833	2.866178	0.135186	-1.3612	9.97792
{14}-{20}	5*60	10*180	4.73333	2.866178	0.101025	-0.9362	10.40292
{15}-{16}	5*120	5*180	-0.08333	2.659675	0.975052	-5.3444	5.17777
{15}-{17}	5*120	10*30	1.02500	2.866178	0.721200	-4.6446	6.69458
{15}-{18}	5*120	10*60	0.45000	2.866178	0.875482	-5.2196	6.11958
{15}-{19}	5*120	10*120	0.15000	2.130469	0.943976	-4.0643	4.36428
{15}-{20}	5*120	10*180	0.57500	2.866178	0.841308	-5.0946	6.24458
{16}-{17}	5*180	10*30	1.10833	2.866178	0.699606	-4.5612	6.77792
{16}-{18}	5*180	10*60	0.53333	2.866178	0.852669	-5.1362	6.20292



{16}-{19}	5*180	10*120	0.23333	2.866178	0.935240	-5.4362	5.90292
{16}-{20}	5*180	10*180	0.65833	2.130469	0.757802	-3.5559	4.87261
{17}-{18}	10*30	10*60	-0.57500	2.659675	0.829172	-5.8361	4.68610
{17}-{19}	10*30	10*120	-0.87500	2.659675	0.742686	-6.1361	4.38610
{17}-{20}	10*30	10*180	-0.45000	2.659675	0.865903	-5.7111	4.81110
{18}-{19}	10*60	10*120	-0.30000	2.659675	0.910364	-5.5611	4.96110
{18}-{20}	10*60	10*180	0.12500	2.659675	0.962586	-5.1361	5.38610
{19}-{20}	10*120	10*180	0.42500	2.659675	0.873288	-4.8361	5.68610

### j. Slow Progressive Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=3.0684$ ,  $p=.00076$

Type V decomposition

Cell No.	Concentration	Time Point	Slow prog- WHO - Mean	Slow prog- WHO - Std.Err.	Slow prog- WHO - -95.00%	Slow prog- WHO - +95.00%	N
1	C	30	23.78333	5.274995	13.34887	34.21780	12
2	C	60	33.28333	5.274995	22.84887	43.71780	12

<b>3</b>	C	120	37.05000	5.274995	26.61554	47.48446	12
<b>4</b>	C	180	25.09167	5.274995	14.65720	35.52613	12
<b>5</b>	0.1	30	26.35000	5.274995	15.91554	36.78446	12
<b>6</b>	0.1	60	28.39167	5.274995	17.95720	38.82613	12
<b>7</b>	0.1	120	28.60833	5.274995	18.17387	39.04280	12
<b>8</b>	0.1	180	26.86667	5.274995	16.43220	37.30113	12
<b>9</b>	1	30	32.93333	5.274995	22.49887	43.36780	12
<b>10</b>	1	60	25.95000	5.274995	15.51554	36.38446	12
<b>11</b>	1	120	19.97500	5.274995	9.54054	30.40946	12
<b>12</b>	1	180	24.51667	5.274995	14.08220	34.95113	12
<b>13</b>	5	30	31.33333	5.274995	20.89887	41.76780	12
<b>14</b>	5	60	32.12500	5.274995	21.69054	42.55946	12
<b>15</b>	5	120	18.72500	5.274995	8.29054	29.15946	12

<b>16</b>	5	180	25.98333	5.274995	15.54887	36.41780	12
<b>17</b>	10	30	32.91667	5.274995	22.48220	43.35113	12
<b>18</b>	10	60	33.58333	5.274995	23.14887	44.01780	12
<b>19</b>	10	120	15.95833	5.274995	5.52387	26.39280	12
<b>20</b>	10	180	22.80000	5.274995	12.36554	33.23446	12

LSD test; variable Slow prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>{1}-{2}</b>	C*30	C*60	-9.5000	5.064541	0.062893	-19.5182	0.51816
<b>{1}-{3}</b>	<b>C*30</b>	<b>C*120</b>	<b>-13.2667</b>	<b>5.064541</b>	<b>0.009836</b>	<b>-23.2848</b>	<b>-3.24850</b>
<b>{1}-{4}</b>	C*30	C*180	-1.3083	5.064541	0.796553	-11.3265	8.70983
<b>{1}-{5}</b>	C*30	0.1*30	-2.5667	4.843374	0.597048	-12.1473	7.01401
<b>{1}-{6}</b>	C*30	0.1*60	-4.6083	5.304192	0.386528	-15.1005	5.88388

{1}-{7}	C*30	0.1*120	-4.8250	5.304192	0.364661	-15.3172	5.66722
{1}-{8}	C*30	0.1*180	-3.0833	5.304192	0.562029	-13.5755	7.40888
{1}-{9}	C*30	1*30	-9.1500	4.843374	0.061061	-18.7307	0.43067
{1}-{10}	C*30	1*60	-2.1667	5.304192	0.683582	-12.6589	8.32555
{1}-{11}	C*30	1*120	3.8083	5.304192	0.474035	-6.6839	14.30055
{1}-{12}	C*30	1*180	-0.7333	5.304192	0.890249	-11.2255	9.75888
{1}-{13}	C*30	5*30	-7.5500	4.843374	0.121431	-17.1307	2.03067
{1}-{14}	C*30	5*60	-8.3417	5.304192	0.118193	-18.8339	2.15055
{1}-{15}	C*30	5*120	5.0583	5.304192	0.342005	-5.4339	15.55055
{1}-{16}	C*30	5*180	-2.2000	5.304192	0.678986	-12.6922	8.29222
{1}-{17}	C*30	10*30	-9.1333	4.843374	0.061528	-18.7140	0.44734
{1}-{18}	C*30	10*60	-9.8000	5.304192	0.066899	-20.2922	0.69222
{1}-{19}	C*30	10*120	7.8250	5.304192	0.142527	-2.6672	18.31722
{1}-{20}	C*30	10*180	0.9833	5.304192	0.853209	-9.5089	11.47555
{2}-{3}	C*60	C*120	-3.7667	5.064541	0.458360	-13.7848	6.25150
{2}-{4}	C*60	C*180	8.1917	5.064541	0.108167	-1.8265	18.20983
{2}-{5}	C*60	0.1*30	6.9333	5.304192	0.193437	-3.5589	17.42555
{2}-{6}	C*60	0.1*60	4.8917	4.843374	0.314357	-4.6890	14.47234
{2}-{7}	C*60	0.1*120	4.6750	5.304192	0.379715	-5.8172	15.16722

{2}-{8}	C*60	0.1*180	6.4167	5.304192	0.228543	-4.0755	16.90888
{2}-{9}	C*60	1*30	0.3500	5.304192	0.947489	-10.1422	10.84222
{2}-{10}	C*60	1*60	7.3333	4.843374	0.132392	-2.2473	16.91401
{2}-{11}	C*60	1*120	13.3083	5.304192	0.013317	2.8161	23.80055
{2}-{12}	C*60	1*180	8.7667	5.304192	0.100752	-1.7255	19.25888
{2}-{13}	C*60	5*30	1.9500	5.304192	0.713735	-8.5422	12.44222
{2}-{14}	C*60	5*60	1.1583	4.843374	0.811354	-8.4223	10.73901
{2}-{15}	C*60	5*120	14.5583	5.304192	0.006901	4.0661	25.05055
{2}-{16}	C*60	5*180	7.3000	5.304192	0.171068	-3.1922	17.79222
{2}-{17}	C*60	10*30	0.3667	5.304192	0.944993	-10.1255	10.85888
{2}-{18}	C*60	10*60	-0.3000	4.843374	0.950704	-9.8807	9.28067
{2}-{19}	C*60	10*120	17.3250	5.304192	0.001389	6.8328	27.81722
{2}-{20}	C*60	10*180	10.4833	5.304192	0.050191	-0.0089	20.97555
{3}-{4}	C*120	C*180	11.9583	5.064541	0.019679	1.9402	21.97650
{3}-{5}	C*120	0.1*30	10.7000	5.304192	0.045695	0.2078	21.19222
{3}-{6}	C*120	0.1*60	8.6583	5.304192	0.104988	-1.8339	19.15055
{3}-{7}	C*120	0.1*120	8.4417	4.843374	0.083674	-1.1390	18.02234
{3}-{8}	C*120	0.1*180	10.1833	5.304192	0.057032	-0.3089	20.67555
{3}-{9}	C*120	1*30	4.1167	5.304192	0.439069	-6.3755	14.60888

{3}-{10}	C*120	1*60	11.1000	5.304192	0.038292	0.6078	21.59222
{3}-{11}	C*120	1*120	17.0750	4.843374	0.000582	7.4943	26.65567
{3}-{12}	C*120	1*180	12.5333	5.304192	0.019592	2.0411	23.02555
{3}-{13}	C*120	5*30	5.7167	5.304192	0.283105	-4.7755	16.20888
{3}-{14}	C*120	5*60	4.9250	5.304192	0.354837	-5.5672	15.41722
{3}-{15}	C*120	5*120	18.3250	4.843374	0.000234	8.7443	27.90567
{3}-{16}	C*120	5*180	11.0667	5.304192	0.038867	0.5745	21.55888
{3}-{17}	C*120	10*30	4.1333	5.304192	0.437223	-6.3589	14.62555
{3}-{18}	C*120	10*60	3.4667	5.304192	0.514525	-7.0255	13.95888
{3}-{19}	C*120	10*120	21.0917	4.843374	0.000027	11.5110	30.67234
{3}-{20}	C*120	10*180	14.2500	5.304192	0.008148	3.7578	24.74222
{4}-{5}	C*180	0.1*30	-1.2583	5.304192	0.812843	-11.7505	9.23388
{4}-{6}	C*180	0.1*60	-3.3000	5.304192	0.534917	-13.7922	7.19222
{4}-{7}	C*180	0.1*120	-3.5167	5.304192	0.508488	-14.0089	6.97555
{4}-{8}	C*180	0.1*180	-1.7750	4.843374	0.714594	-11.3557	7.80567
{4}-{9}	C*180	1*30	-7.8417	5.304192	0.141686	-18.3339	2.65055
{4}-{10}	C*180	1*60	-0.8583	5.304192	0.871694	-11.3505	9.63388
{4}-{11}	C*180	1*120	5.1167	5.304192	0.336486	-5.3755	15.60888
{4}-{12}	C*180	1*180	0.5750	4.843374	0.905679	-9.0057	10.15567

{4}-{13}	C*180	5*30	-6.2417	5.304192	0.241416	-16.7339	4.25055
{4}-{14}	C*180	5*60	-7.0333	5.304192	0.187131	-17.5255	3.45888
{4}-{15}	C*180	5*120	6.3667	5.304192	0.232169	-4.1255	16.85888
{4}-{16}	C*180	5*180	-0.8917	4.843374	0.854217	-10.4723	8.68901
{4}-{17}	C*180	10*30	-7.8250	5.304192	0.142527	-18.3172	2.66722
{4}-{18}	C*180	10*60	-8.4917	5.304192	0.111782	-18.9839	2.00055
{4}-{19}	C*180	10*120	9.1333	5.304192	0.087428	-1.3589	19.62555
{4}-{20}	C*180	10*180	2.2917	4.843374	0.636884	-7.2890	11.87234
{5}-{6}	0.1*30	0.1*60	-2.0417	5.064541	0.687505	-12.0598	7.97650
{5}-{7}	0.1*30	0.1*120	-2.2583	5.064541	0.656392	-12.2765	7.75983
{5}-{8}	0.1*30	0.1*180	-0.5167	5.064541	0.918898	-10.5348	9.50150
{5}-{9}	0.1*30	1*30	-6.5833	4.843374	0.176387	-16.1640	2.99734
{5}-{10}	0.1*30	1*60	0.4000	5.304192	0.940001	-10.0922	10.89222
{5}-{11}	0.1*30	1*120	6.3750	5.304192	0.231562	-4.1172	16.86722
{5}-{12}	0.1*30	1*180	1.8333	5.304192	0.730165	-8.6589	12.32555
{5}-{13}	0.1*30	5*30	-4.9833	4.843374	0.305410	-14.5640	4.59734
{5}-{14}	0.1*30	5*60	-5.7750	5.304192	0.278243	-16.2672	4.71722
{5}-{15}	0.1*30	5*120	7.6250	5.304192	0.152930	-2.8672	18.11722
{5}-{16}	0.1*30	5*180	0.3667	5.304192	0.944993	-10.1255	10.85888

{5}-{17}	0.1*30	10*30	-6.5667	4.843374	0.177476	-16.1473	3.01401
{5}-{18}	0.1*30	10*60	-7.2333	5.304192	0.174983	-17.7255	3.25888
{5}-{19}	0.1*30	10*120	10.3917	5.304192	0.052204	-0.1005	20.88388
{5}-{20}	0.1*30	10*180	3.5500	5.304192	0.504485	-6.9422	14.04222
{6}-{7}	0.1*60	0.1*120	-0.2167	5.064541	0.965941	-10.2348	9.80150
{6}-{8}	0.1*60	0.1*180	1.5250	5.064541	0.763802	-8.4932	11.54316
{6}-{9}	0.1*60	1*30	-4.5417	5.304192	0.393416	-15.0339	5.95055
{6}-{10}	0.1*60	1*60	2.4417	4.843374	0.615014	-7.1390	12.02234
{6}-{11}	0.1*60	1*120	8.4167	5.304192	0.114952	-2.0755	18.90888
{6}-{12}	0.1*60	1*180	3.8750	5.304192	0.466346	-6.6172	14.36722
{6}-{13}	0.1*60	5*30	-2.9417	5.304192	0.580112	-13.4339	7.55055
{6}-{14}	0.1*60	5*60	-3.7333	4.843374	0.442196	-13.3140	5.84734
{6}-{15}	0.1*60	5*120	9.6667	5.304192	0.070649	-0.8255	20.15888
{6}-{16}	0.1*60	5*180	2.4083	5.304192	0.650543	-8.0839	12.90055
{6}-{17}	0.1*60	10*30	-4.5250	5.304192	0.395150	-15.0172	5.96722
{6}-{18}	0.1*60	10*60	-5.1917	4.843374	0.285716	-14.7723	4.38901
{6}-{19}	0.1*60	10*120	12.4333	5.304192	0.020568	1.9411	22.92555
{6}-{20}	0.1*60	10*180	5.5917	5.304192	0.293718	-4.9005	16.08388
{7}-{8}	0.1*120	0.1*180	1.7417	5.064541	0.731473	-8.2765	11.75983



{7}-{9}	0.1*120	1*30	-4.3250	5.304192	0.416316	-14.8172	6.16722
{7}-{10}	0.1*120	1*60	2.6583	5.304192	0.617082	-7.8339	13.15055
{7}-{11}	0.1*120	1*120	8.6333	4.843374	0.076966	-0.9473	18.21401
{7}-{12}	0.1*120	1*180	4.0917	5.304192	0.441847	-6.4005	14.58388
{7}-{13}	0.1*120	5*30	-2.7250	5.304192	0.608289	-13.2172	7.76722
{7}-{14}	0.1*120	5*60	-3.5167	5.304192	0.508488	-14.0089	6.97555
{7}-{15}	0.1*120	5*120	9.8833	4.843374	0.043286	0.3027	19.46401
{7}-{16}	0.1*120	5*180	2.6250	5.304192	0.621499	-7.8672	13.11722
{7}-{17}	0.1*120	10*30	-4.3083	5.304192	0.418110	-14.8005	6.18388
{7}-{18}	0.1*120	10*60	-4.9750	5.304192	0.349990	-15.4672	5.51722
{7}-{19}	0.1*120	10*120	12.6500	4.843374	0.010049	3.0693	22.23067
{7}-{20}	0.1*120	10*180	5.8083	5.304192	0.275491	-4.6839	16.30055
{8}-{9}	0.1*180	1*30	-6.0667	5.304192	0.254798	-16.5589	4.42555
{8}-{10}	0.1*180	1*60	0.9167	5.304192	0.863058	-9.5755	11.40888
{8}-{11}	0.1*180	1*120	6.8917	5.304192	0.196110	-3.6005	17.38388
{8}-{12}	0.1*180	1*180	2.3500	4.843374	0.628339	-7.2307	11.93067
{8}-{13}	0.1*180	5*30	-4.4667	5.304192	0.401254	-14.9589	6.02555
{8}-{14}	0.1*180	5*60	-5.2583	5.304192	0.323326	-15.7505	5.23388
{8}-{15}	0.1*180	5*120	8.1417	5.304192	0.127190	-2.3505	18.63388

{8}-{16}	0.1*180	5*180	0.8833	4.843374	0.855565	-8.6973	10.46401
{8}-{17}	0.1*180	10*30	-6.0500	5.304192	0.256099	-16.5422	4.44222
{8}-{18}	0.1*180	10*60	-6.7167	5.304192	0.207638	-17.2089	3.77555
{8}-{19}	0.1*180	10*120	10.9083	5.304192	0.041700	0.4161	21.40055
{8}-{20}	0.1*180	10*180	4.0667	4.843374	0.402631	-5.5140	13.64734
{9}-{10}	1*30	1*60	6.9833	5.064541	0.170268	-3.0348	17.00150
{9}-{11}	1*30	1*120	12.9583	5.064541	0.011637	2.9402	22.97650
{9}-{12}	1*30	1*180	8.4167	5.064541	0.098910	-1.6015	18.43483
{9}-{13}	1*30	5*30	1.6000	4.843374	0.741661	-7.9807	11.18067
{9}-{14}	1*30	5*60	0.8083	5.304192	0.879108	-9.6839	11.30055
{9}-{15}	1*30	5*120	14.2083	5.304192	0.008331	3.7161	24.70055
{9}-{16}	1*30	5*180	6.9500	5.304192	0.192375	-3.5422	17.44222
{9}-{17}	1*30	10*30	0.0167	4.843374	0.997260	-9.5640	9.59734
{9}-{18}	1*30	10*60	-0.6500	5.304192	0.902654	-11.1422	9.84222
{9}-{19}	1*30	10*120	16.9750	5.304192	0.001720	6.4828	27.46722
{9}-{20}	1*30	10*180	10.1333	5.304192	0.058246	-0.3589	20.62555
{10}-{11}	1*60	1*120	5.9750	5.064541	0.240213	-4.0432	15.99316
{10}-{12}	1*60	1*180	1.4333	5.064541	0.777610	-8.5848	11.45150
{10}-{13}	1*60	5*30	-5.3833	5.304192	0.312000	-15.8755	5.10888

{10}-{14}	1*60	5*60	-6.1750	4.843374	0.204571	-15.7557	3.40567
{10}-{15}	1*60	5*120	7.2250	5.304192	0.175477	-3.2672	17.71722
{10}-{16}	1*60	5*180	-0.0333	5.304192	0.994995	-10.5255	10.45888
{10}-{17}	1*60	10*30	-6.9667	5.304192	0.191318	-17.4589	3.52555
{10}-{18}	1*60	10*60	-7.6333	4.843374	0.117411	-17.2140	1.94734
{10}-{19}	1*60	10*120	9.9917	5.304192	0.061801	-0.5005	20.48388
{10}-{20}	1*60	10*180	3.1500	5.304192	0.553615	-7.3422	13.64222
{11}-{12}	1*120	1*180	-4.5417	5.064541	0.371481	-14.5598	5.47650
{11}-{13}	1*120	5*30	-11.3583	5.304192	0.034080	-21.8505	-0.86612
{11}-{14}	1*120	5*60	-12.1500	5.304192	0.023569	-22.6422	-1.65778
{11}-{15}	1*120	5*120	1.2500	4.843374	0.796744	-8.3307	10.83067
{11}-{16}	1*120	5*180	-6.0083	5.304192	0.259372	-16.5005	4.48388
{11}-{17}	1*120	10*30	-12.9417	5.304192	0.016019	-23.4339	-2.44945
{11}-{18}	1*120	10*60	-13.6083	5.304192	0.011417	-24.1005	-3.11612
{11}-{19}	1*120	10*120	4.0167	4.843374	0.408425	-5.5640	13.59734
{11}-{20}	1*120	10*180	-2.8250	5.304192	0.595208	-13.3172	7.66722
{12}-{13}	1*180	5*30	-6.8167	5.304192	0.200991	-17.3089	3.67555
{12}-{14}	1*180	5*60	-7.6083	5.304192	0.153823	-18.1005	2.88388
{12}-{15}	1*180	5*120	5.7917	5.304192	0.276864	-4.7005	16.28388

{12}-{16}	1*180	5*180	-1.4667	4.843374	0.762504	-11.0473	8.11401
{12}-{17}	1*180	10*30	-8.4000	5.304192	0.115666	-18.8922	2.09222
{12}-{18}	1*180	10*60	-9.0667	5.304192	0.089738	-19.5589	1.42555
{12}-{19}	1*180	10*120	8.5583	5.304192	0.109023	-1.9339	19.05055
{12}-{20}	1*180	10*180	1.7167	4.843374	0.723578	-7.8640	11.29734
{13}-{14}	5*30	5*60	-0.7917	5.064541	0.876023	-10.8098	9.22650
{13}-{15}	5*30	5*120	12.6083	5.064541	0.014034	2.5902	22.62650
{13}-{16}	5*30	5*180	5.3500	5.064541	0.292731	-4.6682	15.36816
{13}-{17}	5*30	10*30	-1.5833	4.843374	0.744256	-11.1640	7.99734
{13}-{18}	5*30	10*60	-2.2500	5.304192	0.672116	-12.7422	8.24222
{13}-{19}	5*30	10*120	15.3750	5.304192	0.004390	4.8828	25.86722
{13}-{20}	5*30	10*180	8.5333	5.304192	0.110051	-1.9589	19.02555
{14}-{15}	5*60	5*120	13.4000	5.064541	0.009139	3.3818	23.41816
{14}-{16}	5*60	5*180	6.1417	5.064541	0.227418	-3.8765	16.15983
{14}-{17}	5*60	10*30	-0.7917	5.304192	0.881582	-11.2839	9.70055
{14}-{18}	5*60	10*60	-1.4583	4.843374	0.763813	-11.0390	8.12234
{14}-{19}	5*60	10*120	16.1667	5.304192	0.002784	5.6745	26.65888
{14}-{20}	5*60	10*180	9.3250	5.304192	0.081058	-1.1672	19.81722
{15}-{16}	5*120	5*180	-7.2583	5.064541	0.154174	-17.2765	2.75983

{15}-{17}	5*120	10*30	-14.1917	5.304192	0.008405	-24.6839	-3.69945
{15}-{18}	5*120	10*60	-14.8583	5.304192	0.005857	-25.3505	-4.36612
{15}-{19}	5*120	10*120	2.7667	4.843374	0.568817	-6.8140	12.34734
{15}-{20}	5*120	10*180	-4.0750	5.304192	0.443705	-14.5672	6.41722
{16}-{17}	5*180	10*30	-6.9333	5.304192	0.193437	-17.4255	3.55888
{16}-{18}	5*180	10*60	-7.6000	5.304192	0.154271	-18.0922	2.89222
{16}-{19}	5*180	10*120	10.0250	5.304192	0.060949	-0.4672	20.51722
{16}-{20}	5*180	10*180	3.1833	4.843374	0.512161	-6.3973	12.76401
{17}-{18}	10*30	10*60	-0.6667	5.064541	0.895474	-10.6848	9.35150
{17}-{19}	10*30	10*120	16.9583	5.064541	0.001059	6.9402	26.97650
{17}-{20}	10*30	10*180	10.1167	5.064541	0.047821	0.0985	20.13483
{18}-{19}	10*60	10*120	17.6250	5.064541	0.000680	7.6068	27.64316
{18}-{20}	10*60	10*180	10.7833	5.064541	0.035096	0.7652	20.80150
{19}-{20}	10*120	10*180	-6.8417	5.064541	0.179040	-16.8598	3.17650

### k. Non-Progressive Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=1.9404, p=.03492

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>Non Prog- WHO - Mean</b>	<b>Non Prog- WHO - Std.Err.</b>	<b>Non Prog- WHO - -95.00%</b>	<b>Non Prog- WHO - +95.00%</b>	<b>N</b>
1	C	30	22.36667	2.329851	17.75799	26.97534	12
2	C	60	19.61667	2.329851	15.00799	24.22534	12
3	C	120	18.98333	2.329851	14.37466	23.59201	12
4	C	180	20.98333	2.329851	16.37466	25.59201	12
5	0.1	30	17.85000	2.329851	13.24132	22.45868	12
6	0.1	60	18.42500	2.329851	13.81632	23.03368	12
7	0.1	120	23.67500	2.329851	19.06632	28.28368	12
8	0.1	180	28.01667	2.329851	23.40799	32.62534	12
9	1	30	22.99167	2.329851	18.38299	27.60034	12
10	1	60	17.40000	2.329851	12.79132	22.00868	12
11	1	120	28.75833	2.329851	24.14966	33.36701	12

<b>12</b>	1	180	27.57500	2.329851	22.96632	32.18368	12
<b>13</b>	5	30	21.89167	2.329851	17.28299	26.50034	12
<b>14</b>	5	60	20.73333	2.329851	16.12466	25.34201	12
<b>15</b>	5	120	25.51667	2.329851	20.90799	30.12534	12
<b>16</b>	5	180	25.88333	2.329851	21.27466	30.49201	12
<b>17</b>	10	30	22.43333	2.329851	17.82466	27.04201	12
<b>18</b>	10	60	22.91667	2.329851	18.30799	27.52534	12
<b>19</b>	10	120	26.40833	2.329851	21.79966	31.01701	12
<b>20</b>	10	180	33.65000	2.329851	29.04132	38.25868	12

LSD test; variable Non Prog- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	2.7500	3.126111	0.380627	-3.4338	8.93376
{1}-{3}	C*30	C*120	3.3833	3.126111	0.281100	-2.8004	9.56709
{1}-{4}	C*30	C*180	1.3833	3.126111	0.658845	-4.8004	7.56709
{1}-{5}	C*30	0.1*30	4.5167	2.899319	0.121666	-1.2185	10.25181
{1}-{6}	C*30	0.1*60	3.9417	3.190468	0.218857	-2.3694	10.25273
{1}-{7}	C*30	0.1*120	-1.3083	3.190468	0.682415	-7.6194	5.00273
{1}-{8}	C*30	0.1*180	-5.6500	3.190468	0.078885	-11.9611	0.66106
{1}-{9}	C*30	1*30	-0.6250	2.899319	0.829657	-6.3601	5.11014
{1}-{10}	C*30	1*60	4.9667	3.190468	0.121931	-1.3444	11.27773
{1}-{11}	C*30	1*120	-6.3917	3.190468	0.047186	-12.7027	-0.08060
{1}-{12}	C*30	1*180	-5.2083	3.190468	0.104965	-11.5194	1.10273
{1}-{13}	C*30	5*30	0.4750	2.899319	0.870114	-5.2601	6.21014
{1}-{14}	C*30	5*60	1.6333	3.190468	0.609547	-4.6777	7.94440
{1}-{15}	C*30	5*120	-3.1500	3.190468	0.325294	-9.4611	3.16106
{1}-{16}	C*30	5*180	-3.5167	3.190468	0.272362	-9.8277	2.79440
{1}-{17}	C*30	10*30	-0.0667	2.899319	0.981690	-5.8018	5.66847
{1}-{18}	C*30	10*60	-0.5500	3.190468	0.863396	-6.8611	5.76106
{1}-{19}	C*30	10*120	-4.0417	3.190468	0.207460	-10.3527	2.26940



{1}-{20}	C*30	10*180	-11.2833	3.190468	0.000560	-17.5944	-4.97227
{2}-{3}	C*60	C*120	0.6333	3.126111	0.839764	-5.5504	6.81709
{2}-{4}	C*60	C*180	-1.3667	3.126111	0.662697	-7.5504	4.81709
{2}-{5}	C*60	0.1*30	1.7667	3.190468	0.580699	-4.5444	8.07773
{2}-{6}	C*60	0.1*60	1.1917	2.899319	0.681727	-4.5435	6.92681
{2}-{7}	C*60	0.1*120	-4.0583	3.190468	0.205603	-10.3694	2.25273
{2}-{8}	C*60	0.1*180	-8.4000	3.190468	0.009478	-14.7111	-2.08894
{2}-{9}	C*60	1*30	-3.3750	3.190468	0.292061	-9.6861	2.93606
{2}-{10}	C*60	1*60	2.2167	2.899319	0.445906	-3.5185	7.95181
{2}-{11}	C*60	1*120	-9.1417	3.190468	0.004849	-15.4527	-2.83060
{2}-{12}	C*60	1*180	-7.9583	3.190468	0.013851	-14.2694	-1.64727
{2}-{13}	C*60	5*30	-2.2750	3.190468	0.477066	-8.5861	4.03606
{2}-{14}	C*60	5*60	-1.1167	2.899319	0.700748	-6.8518	4.61847
{2}-{15}	C*60	5*120	-5.9000	3.190468	0.066657	-12.2111	0.41106
{2}-{16}	C*60	5*180	-6.2667	3.190468	0.051610	-12.5777	0.04440
{2}-{17}	C*60	10*30	-2.8167	3.190468	0.378929	-9.1277	3.49440
{2}-{18}	C*60	10*60	-3.3000	2.899319	0.257099	-9.0351	2.43514
{2}-{19}	C*60	10*120	-6.7917	3.190468	0.035134	-13.1027	-0.48060
{2}-{20}	C*60	10*180	-14.0333	3.190468	0.000022	-20.3444	-7.72227

{3}-{4}	C*120	C*180	-2.0000	3.126111	0.523429	-8.1838	4.18376
{3}-{5}	C*120	0.1*30	1.1333	3.190468	0.722988	-5.1777	7.44440
{3}-{6}	C*120	0.1*60	0.5583	3.190468	0.861347	-5.7527	6.86940
{3}-{7}	C*120	0.1*120	-4.6917	2.899319	0.108007	-10.4268	1.04347
{3}-{8}	C*120	0.1*180	-9.0333	3.190468	0.005362	-15.3444	-2.72227
{3}-{9}	C*120	1*30	-4.0083	3.190468	0.211209	-10.3194	2.30273
{3}-{10}	C*120	1*60	1.5833	3.190468	0.620529	-4.7277	7.89440
{3}-{11}	C*120	1*120	-9.7750	2.899319	0.000981	-15.5101	-4.03986
{3}-{12}	C*120	1*180	-8.5917	3.190468	0.008002	-14.9027	-2.28060
{3}-{13}	C*120	5*30	-2.9083	3.190468	0.363657	-9.2194	3.40273
{3}-{14}	C*120	5*60	-1.7500	3.190468	0.584269	-8.0611	4.56106
{3}-{15}	C*120	5*120	-6.5333	2.899319	0.025883	-12.2685	-0.79819
{3}-{16}	C*120	5*180	-6.9000	3.190468	0.032367	-13.2111	-0.58894
{3}-{17}	C*120	10*30	-3.4500	3.190468	0.281515	-9.7611	2.86106
{3}-{18}	C*120	10*60	-3.9333	3.190468	0.219827	-10.2444	2.37773
{3}-{19}	C*120	10*120	-7.4250	2.899319	0.011563	-13.1601	-1.68986
{3}-{20}	C*120	10*180	-14.6667	3.190468	0.000010	-20.9777	-8.35560
{4}-{5}	C*180	0.1*30	3.1333	3.190468	0.327851	-3.1777	9.44440
{4}-{6}	C*180	0.1*60	2.5583	3.190468	0.424071	-3.7527	8.86940

{4}-{7}	C*180	0.1*120	-2.6917	3.190468	0.400386	-9.0027	3.61940
{4}-{8}	C*180	0.1*180	-7.0333	2.899319	0.016624	-12.7685	-1.29819
{4}-{9}	C*180	1*30	-2.0083	3.190468	0.530123	-8.3194	4.30273
{4}-{10}	C*180	1*60	3.5833	3.190468	0.263418	-2.7277	9.89440
{4}-{11}	C*180	1*120	-7.7750	3.190468	0.016144	-14.0861	-1.46394
{4}-{12}	C*180	1*180	-6.5917	2.899319	0.024609	-12.3268	-0.85653
{4}-{13}	C*180	5*30	-0.9083	3.190468	0.776318	-7.2194	5.40273
{4}-{14}	C*180	5*60	0.2500	3.190468	0.937662	-6.0611	6.56106
{4}-{15}	C*180	5*120	-4.5333	3.190468	0.157704	-10.8444	1.77773
{4}-{16}	C*180	5*180	-4.9000	2.899319	0.093378	-10.6351	0.83514
{4}-{17}	C*180	10*30	-1.4500	3.190468	0.650231	-7.7611	4.86106
{4}-{18}	C*180	10*60	-1.9333	3.190468	0.545574	-8.2444	4.37773
{4}-{19}	C*180	10*120	-5.4250	3.190468	0.091415	-11.7361	0.88606
{4}-{20}	C*180	10*180	-12.6667	2.899319	0.000025	-18.4018	-6.93153
{5}-{6}	0.1*30	0.1*60	-0.5750	3.126111	0.854347	-6.7588	5.60876
{5}-{7}	0.1*30	0.1*120	-5.8250	3.126111	0.064637	-12.0088	0.35876
{5}-{8}	0.1*30	0.1*180	-10.1667	3.126111	0.001454	-16.3504	-3.98291
{5}-{9}	0.1*30	1*30	-5.1417	2.899319	0.078468	-10.8768	0.59347
{5}-{10}	0.1*30	1*60	0.4500	3.190468	0.888049	-5.8611	6.76106

{5}-{11}	0.1*30	1*120	-10.9083	3.190468	0.000836	-17.2194	-4.59727
{5}-{12}	0.1*30	1*180	-9.7250	3.190468	0.002782	-16.0361	-3.41394
{5}-{13}	0.1*30	5*30	-4.0417	2.899319	0.165658	-9.7768	1.69347
{5}-{14}	0.1*30	5*60	-2.8833	3.190468	0.367783	-9.1944	3.42773
{5}-{15}	0.1*30	5*120	-7.6667	3.190468	0.017652	-13.9777	-1.35560
{5}-{16}	0.1*30	5*180	-8.0333	3.190468	0.013001	-14.3444	-1.72227
{5}-{17}	0.1*30	10*30	-4.5833	2.899319	0.116310	-10.3185	1.15181
{5}-{18}	0.1*30	10*60	-5.0667	3.190468	0.114664	-11.3777	1.24440
{5}-{19}	0.1*30	10*120	-8.5583	3.190468	0.008243	-14.8694	-2.24727
{5}-{20}	0.1*30	10*180	-15.8000	3.190468	0.000002	-22.1111	-9.48894
{6}-{7}	0.1*60	0.1*120	-5.2500	3.126111	0.095439	-11.4338	0.93376
{6}-{8}	0.1*60	0.1*180	-9.5917	3.126111	0.002614	-15.7754	-3.40791
{6}-{9}	0.1*60	1*30	-4.5667	3.190468	0.154694	-10.8777	1.74440
{6}-{10}	0.1*60	1*60	1.0250	2.899319	0.724254	-4.7101	6.76014
{6}-{11}	0.1*60	1*120	-10.3333	3.190468	0.001519	-16.6444	-4.02227
{6}-{12}	0.1*60	1*180	-9.1500	3.190468	0.004812	-15.4611	-2.83894
{6}-{13}	0.1*60	5*30	-3.4667	3.190468	0.279207	-9.7777	2.84440
{6}-{14}	0.1*60	5*60	-2.3083	2.899319	0.427366	-8.0435	3.42681
{6}-{15}	0.1*60	5*120	-7.0917	3.190468	0.027933	-13.4027	-0.78060

{6}-{16}	0.1*60	5*180	-7.4583	3.190468	0.020907	-13.7694	-1.14727
{6}-{17}	0.1*60	10*30	-4.0083	3.190468	0.211209	-10.3194	2.30273
{6}-{18}	0.1*60	10*60	-4.4917	2.899319	0.123724	-10.2268	1.24347
{6}-{19}	0.1*60	10*120	-7.9833	3.190468	0.013562	-14.2944	-1.67227
{6}-{20}	0.1*60	10*180	-15.2250	3.190468	0.000005	-21.5361	-8.91394
{7}-{8}	0.1*120	0.1*180	-4.3417	3.126111	0.167220	-10.5254	1.84209
{7}-{9}	0.1*120	1*30	0.6833	3.190468	0.830737	-5.6277	6.99440
{7}-{10}	0.1*120	1*60	6.2750	3.190468	0.051304	-0.0361	12.58606
{7}-{11}	0.1*120	1*120	-5.0833	2.899319	0.081874	-10.8185	0.65181
{7}-{12}	0.1*120	1*180	-3.9000	3.190468	0.223738	-10.2111	2.41106
{7}-{13}	0.1*120	5*30	1.7833	3.190468	0.577138	-4.5277	8.09440
{7}-{14}	0.1*120	5*60	2.9417	3.190468	0.358202	-3.3694	9.25273
{7}-{15}	0.1*120	5*120	-1.8417	2.899319	0.526393	-7.5768	3.89347
{7}-{16}	0.1*120	5*180	-2.2083	3.190468	0.490049	-8.5194	4.10273
{7}-{17}	0.1*120	10*30	1.2417	3.190468	0.697770	-5.0694	7.55273
{7}-{18}	0.1*120	10*60	0.7583	3.190468	0.812492	-5.5527	7.06940
{7}-{19}	0.1*120	10*120	-2.7333	2.899319	0.347531	-8.4685	3.00181
{7}-{20}	0.1*120	10*180	-9.9750	3.190468	0.002176	-16.2861	-3.66394
{8}-{9}	0.1*180	1*30	5.0250	3.190468	0.117649	-1.2861	11.33606

{8}-{10}	0.1*180	1*60	10.6167	3.190468	0.001135	4.3056	16.92773
{8}-{11}	0.1*180	1*120	-0.7417	3.190468	0.816538	-7.0527	5.56940
{8}-{12}	0.1*180	1*180	0.4417	2.899319	0.879156	-5.2935	6.17681
{8}-{13}	0.1*180	5*30	6.1250	3.190468	0.057043	-0.1861	12.43606
{8}-{14}	0.1*180	5*60	7.2833	3.190468	0.024038	0.9723	13.59440
{8}-{15}	0.1*180	5*120	2.5000	3.190468	0.434688	-3.8111	8.81106
{8}-{16}	0.1*180	5*180	2.1333	2.899319	0.463155	-3.6018	7.86847
{8}-{17}	0.1*180	10*30	5.5833	3.190468	0.082441	-0.7277	11.89440
{8}-{18}	0.1*180	10*60	5.1000	3.190468	0.112320	-1.2111	11.41106
{8}-{19}	0.1*180	10*120	1.6083	3.190468	0.615027	-4.7027	7.91940
{8}-{20}	0.1*180	10*180	-5.6333	2.899319	0.054147	-11.3685	0.10181
{9}-{10}	1*30	1*60	5.5917	3.126111	0.075957	-0.5921	11.77542
{9}-{11}	1*30	1*120	-5.7667	3.126111	0.067326	-11.9504	0.41709
{9}-{12}	1*30	1*180	-4.5833	3.126111	0.144987	-10.7671	1.60042
{9}-{13}	1*30	5*30	1.1000	2.899319	0.705001	-4.6351	6.83514
{9}-{14}	1*30	5*60	2.2583	3.190468	0.480294	-4.0527	8.56940
{9}-{15}	1*30	5*120	-2.5250	3.190468	0.430119	-8.8361	3.78606
{9}-{16}	1*30	5*180	-2.8917	3.190468	0.366405	-9.2027	3.41940
{9}-{17}	1*30	10*30	0.5583	2.899319	0.847589	-5.1768	6.29347

{9}-{18}	1*30	10*60	0.0750	3.190468	0.981281	-6.2361	6.38606
{9}-{19}	1*30	10*120	-3.4167	3.190468	0.286169	-9.7277	2.89440
{9}-{20}	1*30	10*180	-10.6583	3.190468	0.001087	-16.9694	-4.34727
{10}-{11}	1*60	1*120	-11.3583	3.126111	0.000399	-17.5421	-5.17458
{10}-{12}	1*60	1*180	-10.1750	3.126111	0.001441	-16.3588	-3.99124
{10}-{13}	1*60	5*30	-4.4917	3.190468	0.161529	-10.8027	1.81940
{10}-{14}	1*60	5*60	-3.3333	2.899319	0.252348	-9.0685	2.40181
{10}-{15}	1*60	5*120	-8.1167	3.190468	0.012110	-14.4277	-1.80560
{10}-{16}	1*60	5*180	-8.4833	3.190468	0.008808	-14.7944	-2.17227
{10}-{17}	1*60	10*30	-5.0333	3.190468	0.117047	-11.3444	1.27773
{10}-{18}	1*60	10*60	-5.5167	2.899319	0.059252	-11.2518	0.21847
{10}-{19}	1*60	10*120	-9.0083	3.190468	0.005487	-15.3194	-2.69727
{10}-{20}	1*60	10*180	-16.2500	3.190468	0.000001	-22.5611	-9.93894
{11}-{12}	1*120	1*180	1.1833	3.126111	0.705643	-5.0004	7.36709
{11}-{13}	1*120	5*30	6.8667	3.190468	0.033197	0.5556	13.17773
{11}-{14}	1*120	5*60	8.0250	3.190468	0.013093	1.7139	14.33606
{11}-{15}	1*120	5*120	3.2417	2.899319	0.265564	-2.4935	8.97681
{11}-{16}	1*120	5*180	2.8750	3.190468	0.369165	-3.4361	9.18606
{11}-{17}	1*120	10*30	6.3250	3.190468	0.049503	0.0139	12.63606

{11}-{18}	1*120	10*60	5.8417	3.190468	0.069359	-0.4694	12.15273
{11}-{19}	1*120	10*120	2.3500	2.899319	0.419092	-3.3851	8.08514
{11}-{20}	1*120	10*180	-4.8917	3.190468	0.127617	-11.2027	1.41940
{12}-{13}	1*180	5*30	5.6833	3.190468	0.077155	-0.6277	11.99440
{12}-{14}	1*180	5*60	6.8417	3.190468	0.033832	0.5306	13.15273
{12}-{15}	1*180	5*120	2.0583	3.190468	0.519949	-4.2527	8.36940
{12}-{16}	1*180	5*180	1.6917	2.899319	0.560572	-4.0435	7.42681
{12}-{17}	1*180	10*30	5.1417	3.190468	0.109444	-1.1694	11.45273
{12}-{18}	1*180	10*60	4.6583	3.190468	0.146645	-1.6527	10.96940
{12}-{19}	1*180	10*120	1.1667	3.190468	0.715195	-5.1444	7.47773
{12}-{20}	1*180	10*180	-6.0750	2.899319	0.038053	-11.8101	-0.33986
{13}-{14}	5*30	5*60	1.1583	3.126111	0.711578	-5.0254	7.34209
{13}-{15}	5*30	5*120	-3.6250	3.126111	0.248310	-9.8088	2.55876
{13}-{16}	5*30	5*180	-3.9917	3.126111	0.203886	-10.1754	2.19209
{13}-{17}	5*30	10*30	-0.5417	2.899319	0.852084	-6.2768	5.19347
{13}-{18}	5*30	10*60	-1.0250	3.190468	0.748514	-7.3361	5.28606
{13}-{19}	5*30	10*120	-4.5167	3.190468	0.159226	-10.8277	1.79440
{13}-{20}	5*30	10*180	-11.7583	3.190468	0.000332	-18.0694	-5.44727
{14}-{15}	5*60	5*120	-4.7833	3.126111	0.128379	-10.9671	1.40042



{14}-{16}	5*60	5*180	-5.1500	3.126111	0.101851	-11.3338	1.03376
{14}-{17}	5*60	10*30	-1.7000	3.190468	0.595042	-8.0111	4.61106
{14}-{18}	5*60	10*60	-2.1833	2.899319	0.452761	-7.9185	3.55181
{14}-{19}	5*60	10*120	-5.6750	3.190468	0.077585	-11.9861	0.63606
{14}-{20}	5*60	10*180	-12.9167	3.190468	0.000087	-19.2277	-6.60560
{15}-{16}	5*120	5*180	-0.3667	3.126111	0.906807	-6.5504	5.81709
{15}-{17}	5*120	10*30	3.0833	3.190468	0.335601	-3.2277	9.39440
{15}-{18}	5*120	10*60	2.6000	3.190468	0.416582	-3.7111	8.91106
{15}-{19}	5*120	10*120	-0.8917	2.899319	0.758914	-6.6268	4.84347
{15}-{20}	5*120	10*180	-8.1333	3.190468	0.011939	-14.4444	-1.82227
{16}-{17}	5*180	10*30	3.4500	3.190468	0.281515	-2.8611	9.76106
{16}-{18}	5*180	10*60	2.9667	3.190468	0.354145	-3.3444	9.27773
{16}-{19}	5*180	10*120	-0.5250	3.190468	0.869548	-6.8361	5.78606
{16}-{20}	5*180	10*180	-7.7667	2.899319	0.008329	-13.5018	-2.03153
{17}-{18}	10*30	10*60	-0.4833	3.126111	0.877364	-6.6671	5.70042
{17}-{19}	10*30	10*120	-3.9750	3.126111	0.205770	-10.1588	2.20876
{17}-{20}	10*30	10*180	-11.2167	3.126111	0.000468	-17.4004	-5.03291
{18}-{19}	10*60	10*120	-3.4917	3.126111	0.266050	-9.6754	2.69209
{18}-{20}	10*60	10*180	-10.7333	3.126111	0.000797	-16.9171	-4.54958

{19}-{20}	10*120	10*180	-7.2417	3.126111	0.022071	-13.4254	-1.05791
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## I. Immotile Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.2051, p=.01478

Type V decomposition

Cell No.	Concentration	Time Point	Immotile- WHO - Mean	Immotile- WHO - Std.Err.	Immotile- WHO - -95.00%	Immotile- WHO - +95.00%	N
1	C	30	42.09167	5.827412	30.56447	53.61886	12
2	C	60	35.40000	5.827412	23.87280	46.92720	12
3	C	120	31.70833	5.827412	20.18114	43.23553	12
4	C	180	41.83333	5.827412	30.30614	53.36053	12
5	0.1	30	38.88333	5.827412	27.35614	50.41053	12
6	0.1	60	38.80000	5.827412	27.27280	50.32720	12

<b>7</b>	0.1	120	35.25000	5.827412	23.72280	46.77720	12
<b>8</b>	0.1	180	38.20833	5.827412	26.68114	49.73553	12
<b>9</b>	1	30	36.76667	5.827412	25.23947	48.29386	12
<b>10</b>	1	60	41.53333	5.827412	30.00614	53.06053	12
<b>11</b>	1	120	42.06667	5.827412	30.53947	53.59386	12
<b>12</b>	1	180	42.53333	5.827412	31.00614	54.06053	12
<b>13</b>	5	30	41.35833	5.827412	29.83114	52.88553	12
<b>14</b>	5	60	38.08333	5.827412	26.55614	49.61053	12
<b>15</b>	5	120	50.88333	5.827412	39.35614	62.41053	12
<b>16</b>	5	180	45.71667	5.827412	34.18947	57.24386	12
<b>17</b>	10	30	38.52500	5.827412	26.99780	50.05220	12
<b>18</b>	10	60	39.14167	5.827412	27.61447	50.66886	12
<b>19</b>	10	120	52.92500	5.827412	41.39780	64.45220	12

20	10	180	44.29167	5.827412	32.76447	55.81886	12
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LSD test; variable Immotile- WHO (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	6.6917	5.437285	0.220624	-4.0638	17.4472
{1}-{3}	C*30	C*120	10.3833	5.437285	0.058348	-0.3722	21.1388
{1}-{4}	C*30	C*180	0.2583	5.437285	0.962177	-10.4972	11.0138
{1}-{5}	C*30	0.1*30	3.2083	4.896920	0.513496	-6.4783	12.8949
{1}-{6}	C*30	0.1*60	3.2917	5.754769	0.568302	-8.0918	14.6752
{1}-{7}	C*30	0.1*120	6.8417	5.754769	0.236626	-4.5418	18.2252
{1}-{8}	C*30	0.1*180	3.8833	5.754769	0.500981	-7.5002	15.2668
{1}-{9}	C*30	1*30	5.3250	4.896920	0.278834	-4.3616	15.0116
{1}-{10}	C*30	1*60	0.5583	5.754769	0.922857	-10.8252	11.9418
{1}-{11}	C*30	1*120	0.0250	5.754769	0.996540	-11.3585	11.4085
{1}-{12}	C*30	1*180	-0.4417	5.754769	0.938940	-11.8252	10.9418

{1}-{13}	C*30	5*30	0.7333	4.896920	0.881187	-8.9533	10.4199
{1}-{14}	C*30	5*60	4.0083	5.754769	0.487326	-7.3752	15.3918
{1}-{15}	C*30	5*120	-8.7917	5.754769	0.128975	-20.1752	2.5918
{1}-{16}	C*30	5*180	-3.6250	5.754769	0.529841	-15.0085	7.7585
{1}-{17}	C*30	10*30	3.5667	4.896920	0.467690	-6.1199	13.2533
{1}-{18}	C*30	10*60	2.9500	5.754769	0.609075	-8.4335	14.3335
{1}-{19}	C*30	10*120	-10.8333	5.754769	0.061970	-22.2168	0.5502
{1}-{20}	C*30	10*180	-2.2000	5.754769	0.702860	-13.5835	9.1835
{2}-{3}	C*60	C*120	3.6917	5.437285	0.498356	-7.0638	14.4472
{2}-{4}	C*60	C*180	-6.4333	5.437285	0.238861	-17.1888	4.3222
{2}-{5}	C*60	0.1*30	-3.4833	5.754769	0.546022	-14.8668	7.9002
{2}-{6}	C*60	0.1*60	-3.4000	4.896920	0.488706	-13.0866	6.2866
{2}-{7}	C*60	0.1*120	0.1500	5.754769	0.979245	-11.2335	11.5335
{2}-{8}	C*60	0.1*180	-2.8083	5.754769	0.626359	-14.1918	8.5752
{2}-{9}	C*60	1*30	-1.3667	5.754769	0.812649	-12.7502	10.0168
{2}-{10}	C*60	1*60	-6.1333	4.896920	0.212607	-15.8199	3.5533
{2}-{11}	C*60	1*120	-6.6667	5.754769	0.248768	-18.0502	4.7168
{2}-{12}	C*60	1*180	-7.1333	5.754769	0.217341	-18.5168	4.2502
{2}-{13}	C*60	5*30	-5.9583	5.754769	0.302388	-17.3418	5.4252

{2}-{14}	C*60	5*60	-2.6833	4.896920	0.584642	-12.3699	7.0033
{2}-{15}	C*60	5*120	-15.4833	5.754769	0.008057	-26.8668	-4.0998
{2}-{16}	C*60	5*180	-10.3167	5.754769	0.075308	-21.7002	1.0668
{2}-{17}	C*60	10*30	-3.1250	5.754769	0.588026	-14.5085	8.2585
{2}-{18}	C*60	10*60	-3.7417	4.896920	0.446180	-13.4283	5.9449
{2}-{19}	C*60	10*120	-17.5250	5.754769	0.002807	-28.9085	-6.1415
{2}-{20}	C*60	10*180	-8.8917	5.754769	0.124717	-20.2752	2.4918
{3}-{4}	C*120	C*180	-10.1250	5.437285	0.064806	-20.8805	0.6305
{3}-{5}	C*120	0.1*30	-7.1750	5.754769	0.214682	-18.5585	4.2085
{3}-{6}	C*120	0.1*60	-7.0917	5.754769	0.220023	-18.4752	4.2918
{3}-{7}	C*120	0.1*120	-3.5417	4.896920	0.470810	-13.2283	6.1449
{3}-{8}	C*120	0.1*180	-6.5000	5.754769	0.260736	-17.8835	4.8835
{3}-{9}	C*120	1*30	-5.0583	5.754769	0.381009	-16.4418	6.3252
{3}-{10}	C*120	1*60	-9.8250	5.754769	0.090121	-21.2085	1.5585
{3}-{11}	C*120	1*120	-10.3583	4.896920	0.036285	-20.0449	-0.6717
{3}-{12}	C*120	1*180	-10.8250	5.754769	0.062168	-22.2085	0.5585
{3}-{13}	C*120	5*30	-9.6500	5.754769	0.095935	-21.0335	1.7335
{3}-{14}	C*120	5*60	-6.3750	5.754769	0.269973	-17.7585	5.0085
{3}-{15}	C*120	5*120	-19.1750	4.896920	0.000144	-28.8616	-9.4884

{3}-{16}	C*120	5*180	-14.0083	5.754769	0.016261	-25.3918	-2.6248
{3}-{17}	C*120	10*30	-6.8167	5.754769	0.238334	-18.2002	4.5668
{3}-{18}	C*120	10*60	-7.4333	5.754769	0.198724	-18.8168	3.9502
{3}-{19}	C*120	10*120	-21.2167	4.896920	0.000029	-30.9033	-11.5301
{3}-{20}	C*120	10*180	-12.5833	5.754769	0.030535	-23.9668	-1.1998
{4}-{5}	C*180	0.1*30	2.9500	5.754769	0.609075	-8.4335	14.3335
{4}-{6}	C*180	0.1*60	3.0333	5.754769	0.599010	-8.3502	14.4168
{4}-{7}	C*180	0.1*120	6.5833	5.754769	0.254703	-4.8002	17.9668
{4}-{8}	C*180	0.1*180	3.6250	4.896920	0.460456	-6.0616	13.3116
{4}-{9}	C*180	1*30	5.0667	5.754769	0.380227	-6.3168	16.4502
{4}-{10}	C*180	1*60	0.3000	5.754769	0.958503	-11.0835	11.6835
{4}-{11}	C*180	1*120	-0.2333	5.754769	0.967719	-11.6168	11.1502
{4}-{12}	C*180	1*180	-0.7000	4.896920	0.886550	-10.3866	8.9866
{4}-{13}	C*180	5*30	0.4750	5.754769	0.934342	-10.9085	11.8585
{4}-{14}	C*180	5*60	3.7500	5.754769	0.515771	-7.6335	15.1335
{4}-{15}	C*180	5*120	-9.0500	5.754769	0.118203	-20.4335	2.3335
{4}-{16}	C*180	5*180	-3.8833	4.896920	0.429192	-13.5699	5.8033
{4}-{17}	C*180	10*30	3.3083	5.754769	0.566347	-8.0752	14.6918
{4}-{18}	C*180	10*60	2.6917	5.754769	0.640750	-8.6918	14.0752

{4}-{19}	C*180	10*120	-11.0917	5.754769	0.056080	-22.4752	0.2918
{4}-{20}	C*180	10*180	-2.4583	4.896920	0.616492	-12.1449	7.2283
{5}-{6}	0.1*30	0.1*60	0.0833	5.437285	0.987795	-10.6722	10.8388
{5}-{7}	0.1*30	0.1*120	3.6333	5.437285	0.505156	-7.1222	14.3888
{5}-{8}	0.1*30	0.1*180	0.6750	5.437285	0.901391	-10.0805	11.4305
{5}-{9}	0.1*30	1*30	2.1167	4.896920	0.666269	-7.5699	11.8033
{5}-{10}	0.1*30	1*60	-2.6500	5.754769	0.645924	-14.0335	8.7335
{5}-{11}	0.1*30	1*120	-3.1833	5.754769	0.581086	-14.5668	8.2002
{5}-{12}	0.1*30	1*180	-3.6500	5.754769	0.527011	-15.0335	7.7335
{5}-{13}	0.1*30	5*30	-2.4750	4.896920	0.614107	-12.1616	7.2116
{5}-{14}	0.1*30	5*60	0.8000	5.754769	0.889650	-10.5835	12.1835
{5}-{15}	0.1*30	5*120	-12.0000	5.754769	0.038975	-23.3835	-0.6165
{5}-{16}	0.1*30	5*180	-6.8333	5.754769	0.237194	-18.2168	4.5502
{5}-{17}	0.1*30	10*30	0.3583	4.896920	0.941777	-9.3283	10.0449
{5}-{18}	0.1*30	10*60	-0.2583	5.754769	0.964263	-11.6418	11.1252
{5}-{19}	0.1*30	10*120	-14.0417	5.754769	0.016014	-25.4252	-2.6582
{5}-{20}	0.1*30	10*180	-5.4083	5.754769	0.349037	-16.7918	5.9752
{6}-{7}	0.1*60	0.1*120	3.5500	5.437285	0.514957	-7.2055	14.3055
{6}-{8}	0.1*60	0.1*180	0.5917	5.437285	0.913513	-10.1638	11.3472



{6}-{9}	0.1*60	1*30	2.0333	5.754769	0.724405	-9.3502	13.4168
{6}-{10}	0.1*60	1*60	-2.7333	4.896920	0.577671	-12.4199	6.9533
{6}-{11}	0.1*60	1*120	-3.2667	5.754769	0.571240	-14.6502	8.1168
{6}-{12}	0.1*60	1*180	-3.7333	5.754769	0.517635	-15.1168	7.6502
{6}-{13}	0.1*60	5*30	-2.5583	5.754769	0.657367	-13.9418	8.8252
{6}-{14}	0.1*60	5*60	0.7167	4.896920	0.883868	-8.9699	10.4033
{6}-{15}	0.1*60	5*120	-12.0833	5.754769	0.037658	-23.4668	-0.6998
{6}-{16}	0.1*60	5*180	-6.9167	5.754769	0.231553	-18.3002	4.4668
{6}-{17}	0.1*60	10*30	0.2750	5.754769	0.961959	-11.1085	11.6585
{6}-{18}	0.1*60	10*60	-0.3417	4.896920	0.944481	-10.0283	9.3449
{6}-{19}	0.1*60	10*120	-14.1250	5.754769	0.015411	-25.5085	-2.7415
{6}-{20}	0.1*60	10*180	-5.4917	5.754769	0.341686	-16.8752	5.8918
{7}-{8}	0.1*120	0.1*180	-2.9583	5.437285	0.587302	-13.7138	7.7972
{7}-{9}	0.1*120	1*30	-1.5167	5.754769	0.792538	-12.9002	9.8668
{7}-{10}	0.1*120	1*60	-6.2833	5.754769	0.276889	-17.6668	5.1002
{7}-{11}	0.1*120	1*120	-6.8167	4.896920	0.166254	-16.5033	2.8699
{7}-{12}	0.1*120	1*180	-7.2833	5.754769	0.207880	-18.6668	4.1002
{7}-{13}	0.1*120	5*30	-6.1083	5.754769	0.290429	-17.4918	5.2752
{7}-{14}	0.1*120	5*60	-2.8333	5.754769	0.623293	-14.2168	8.5502

{7}-{15}	0.1*120	5*120	-15.6333	4.896920	0.001763	-25.3199	-5.9467
{7}-{16}	0.1*120	5*180	-10.4667	5.754769	0.071212	-21.8502	0.9168
{7}-{17}	0.1*120	10*30	-3.2750	5.754769	0.570260	-14.6585	8.1085
{7}-{18}	0.1*120	10*60	-3.8917	5.754769	0.500065	-15.2752	7.4918
{7}-{19}	0.1*120	10*120	-17.6750	4.896920	0.000434	-27.3616	-7.9884
{7}-{20}	0.1*120	10*180	-9.0417	5.754769	0.118539	-20.4252	2.3418
{8}-{9}	0.1*180	1*30	1.4417	5.754769	0.802577	-9.9418	12.8252
{8}-{10}	0.1*180	1*60	-3.3250	5.754769	0.564396	-14.7085	8.0585
{8}-{11}	0.1*180	1*120	-3.8583	5.754769	0.503737	-15.2418	7.5252
{8}-{12}	0.1*180	1*180	-4.3250	4.896920	0.378729	-14.0116	5.3616
{8}-{13}	0.1*180	5*30	-3.1500	5.754769	0.585047	-14.5335	8.2335
{8}-{14}	0.1*180	5*60	0.1250	5.754769	0.982703	-11.2585	11.5085
{8}-{15}	0.1*180	5*120	-12.6750	5.754769	0.029364	-24.0585	-1.2915
{8}-{16}	0.1*180	5*180	-7.5083	4.896920	0.127601	-17.1949	2.1783
{8}-{17}	0.1*180	10*30	-0.3167	5.754769	0.956200	-11.7002	11.0668
{8}-{18}	0.1*180	10*60	-0.9333	5.754769	0.871409	-12.3168	10.4502
{8}-{19}	0.1*180	10*120	-14.7167	5.754769	0.011679	-26.1002	-3.3332
{8}-{20}	0.1*180	10*180	-6.0833	4.896920	0.216337	-15.7699	3.6033
{9}-{10}	1*30	1*60	-4.7667	5.437285	0.382262	-15.5222	5.9888

{9}-{11}	1*30	1*120	-5.3000	5.437285	0.331467	-16.0555	5.4555
{9}-{12}	1*30	1*180	-5.7667	5.437285	0.290818	-16.5222	4.9888
{9}-{13}	1*30	5*30	-4.5917	4.896920	0.350129	-14.2783	5.0949
{9}-{14}	1*30	5*60	-1.3167	5.754769	0.819382	-12.7002	10.0668
{9}-{15}	1*30	5*120	-14.1167	5.754769	0.015470	-25.5002	-2.7332
{9}-{16}	1*30	5*180	-8.9500	5.754769	0.122285	-20.3335	2.4335
{9}-{17}	1*30	10*30	-1.7583	4.896920	0.720117	-11.4449	7.9283
{9}-{18}	1*30	10*60	-2.3750	5.754769	0.680495	-13.7585	9.0085
{9}-{19}	1*30	10*120	-16.1583	5.754769	0.005745	-27.5418	-4.7748
{9}-{20}	1*30	10*180	-7.5250	5.754769	0.193278	-18.9085	3.8585
{10}-{11}	1*60	1*120	-0.5333	5.437285	0.922011	-11.2888	10.2222
{10}-{12}	1*60	1*180	-1.0000	5.437285	0.854362	-11.7555	9.7555
{10}-{13}	1*60	5*30	0.1750	5.754769	0.975786	-11.2085	11.5585
{10}-{14}	1*60	5*60	3.4500	4.896920	0.482347	-6.2366	13.1366
{10}-{15}	1*60	5*120	-9.3500	5.754769	0.106604	-20.7335	2.0335
{10}-{16}	1*60	5*180	-4.1833	5.754769	0.468554	-15.5668	7.2002
{10}-{17}	1*60	10*30	3.0083	5.754769	0.602021	-8.3752	14.3918
{10}-{18}	1*60	10*60	2.3917	4.896920	0.626075	-7.2949	12.0783
{10}-{19}	1*60	10*120	-11.3917	5.754769	0.049838	-22.7752	-0.0082

{10}-{20}	1*60	10*180	-2.7583	5.754769	0.632509	-14.1418	8.6252
{11}-{12}	1*120	1*180	-0.4667	5.437285	0.931734	-11.2222	10.2888
{11}-{13}	1*120	5*30	0.7083	5.754769	0.902226	-10.6752	12.0918
{11}-{14}	1*120	5*60	3.9833	5.754769	0.490040	-7.4002	15.3668
{11}-{15}	1*120	5*120	-8.8167	4.896920	0.074073	-18.5033	0.8699
{11}-{16}	1*120	5*180	-3.6500	5.754769	0.527011	-15.0335	7.7335
{11}-{17}	1*120	10*30	3.5417	5.754769	0.539329	-7.8418	14.9252
{11}-{18}	1*120	10*60	2.9250	5.754769	0.612110	-8.4585	14.3085
{11}-{19}	1*120	10*120	-10.8583	4.896920	0.028308	-20.5449	-1.1717
{11}-{20}	1*120	10*180	-2.2250	5.754769	0.699648	-13.6085	9.1585
{12}-{13}	1*180	5*30	1.1750	5.754769	0.838528	-10.2085	12.5585
{12}-{14}	1*180	5*60	4.4500	5.754769	0.440744	-6.9335	15.8335
{12}-{15}	1*180	5*120	-8.3500	5.754769	0.149160	-19.7335	3.0335
{12}-{16}	1*180	5*180	-3.1833	4.896920	0.516778	-12.8699	6.5033
{12}-{17}	1*180	10*30	4.0083	5.754769	0.487326	-7.3752	15.3918
{12}-{18}	1*180	10*60	3.3917	5.754769	0.556623	-7.9918	14.7752
{12}-{19}	1*180	10*120	-10.3917	5.754769	0.073236	-21.7752	0.9918
{12}-{20}	1*180	10*180	-1.7583	4.896920	0.720117	-11.4449	7.9283
{13}-{14}	5*30	5*60	3.2750	5.437285	0.547993	-7.4805	14.0305

{13}-{15}	5*30	5*120	-9.5250	5.437285	0.082132	-20.2805	1.2305
{13}-{16}	5*30	5*180	-4.3583	5.437285	0.424246	-15.1138	6.3972
{13}-{17}	5*30	10*30	2.8333	4.896920	0.563848	-6.8533	12.5199
{13}-{18}	5*30	10*60	2.2167	5.754769	0.700718	-9.1668	13.6002
{13}-{19}	5*30	10*120	-11.5667	5.754769	0.046477	-22.9502	-0.1832
{13}-{20}	5*30	10*180	-2.9333	5.754769	0.611097	-14.3168	8.4502
{14}-{15}	5*60	5*120	-12.8000	5.437285	0.020042	-23.5555	-2.0445
{14}-{16}	5*60	5*180	-7.6333	5.437285	0.162701	-18.3888	3.1222
{14}-{17}	5*60	10*30	-0.4417	5.754769	0.938940	-11.8252	10.9418
{14}-{18}	5*60	10*60	-1.0583	4.896920	0.829226	-10.7449	8.6283
{14}-{19}	5*60	10*120	-14.8417	5.754769	0.011003	-26.2252	-3.4582
{14}-{20}	5*60	10*180	-6.2083	5.754769	0.282637	-17.5918	5.1752
{15}-{16}	5*120	5*180	5.1667	5.437285	0.343732	-5.5888	15.9222
{15}-{17}	5*120	10*30	12.3583	5.754769	0.033581	0.9748	23.7418
{15}-{18}	5*120	10*60	11.7417	5.754769	0.043311	0.3582	23.1252
{15}-{19}	5*120	10*120	-2.0417	4.896920	0.677408	-11.7283	7.6449
{15}-{20}	5*120	10*180	6.5917	5.754769	0.254105	-4.7918	17.9752
{16}-{17}	5*180	10*30	7.1917	5.754769	0.213625	-4.1918	18.5752
{16}-{18}	5*180	10*60	6.5750	5.754769	0.255302	-4.8085	17.9585

{16}-{19}	5*180	10*120	-7.2083	5.754769	0.212572	-18.5918	4.1752
{16}-{20}	5*180	10*180	1.4250	4.896920	0.771509	-8.2616	11.1116
{17}-{18}	10*30	10*60	-0.6167	5.437285	0.909874	-11.3722	10.1388
{17}-{19}	10*30	10*120	-14.4000	5.437285	0.009074	-25.1555	-3.6445
{17}-{20}	10*30	10*180	-5.7667	5.437285	0.290818	-16.5222	4.9888
{18}-{19}	10*60	10*120	-13.7833	5.437285	0.012413	-24.5388	-3.0278
{18}-{20}	10*60	10*180	-5.1500	5.437285	0.345286	-15.9055	5.6055
{19}-{20}	10*120	10*180	8.6333	5.437285	0.114724	-2.1222	19.3888

### m. Static Head Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.4118, p=.00739

Type V decomposition

Cell No.	Concentration	Time Point	Static-Head - Mean	Static-Head - Std.Err.	Static-Head - -95.00%	Static-Head - +95.00%	N
1	C	30	12.04167	1.044970	9.97461	14.10872	12
2	C	60	10.55833	1.044970	8.49128	12.62539	12

<b>3</b>	C	120	11.55833	1.044970	9.49128	13.62539	12
<b>4</b>	C	180	11.55000	1.044970	9.48295	13.61705	12
<b>5</b>	0.1	30	12.54167	1.044970	10.47461	14.60872	12
<b>6</b>	0.1	60	12.58333	1.044970	10.51628	14.65039	12
<b>7</b>	0.1	120	11.89167	1.044970	9.82461	13.95872	12
<b>8</b>	0.1	180	12.36667	1.044970	10.29961	14.43372	12
<b>9</b>	1	30	13.37500	1.044970	11.30795	15.44205	12
<b>10</b>	1	60	12.02500	1.044970	9.95795	14.09205	12
<b>11</b>	1	120	11.90000	1.044970	9.83295	13.96705	12
<b>12</b>	1	180	11.35000	1.044970	9.28295	13.41705	12
<b>13</b>	5	30	11.79167	1.044970	9.72461	13.85872	12
<b>14</b>	5	60	12.98333	1.044970	10.91628	15.05039	12
<b>15</b>	5	120	10.17500	1.044970	8.10795	12.24205	12

<b>16</b>	5	180	10.87500	1.044970	8.80795	12.94205	12
<b>17</b>	10	30	12.90000	1.044970	10.83295	14.96705	12
<b>18</b>	10	60	10.92500	1.044970	8.85795	12.99205	12
<b>19</b>	10	120	9.52500	1.044970	7.45795	11.59205	12
<b>20</b>	10	180	12.89167	1.044970	10.82461	14.95872	12

LSD test; variable Static-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>{1}-{2}</b>	C*30	C*60	1.48333	0.989599	0.136281	-0.47419	3.44086
<b>{1}-{3}</b>	C*30	C*120	0.48333	0.989599	0.626068	-1.47419	2.44086
<b>{1}-{4}</b>	C*30	C*180	0.49167	0.989599	0.620132	-1.46586	2.44919
<b>{1}-{5}</b>	C*30	0.1*30	-0.50000	0.849263	0.557038	-2.17993	1.17993
<b>{1}-{6}</b>	C*30	0.1*60	-0.54167	0.989599	0.585056	-2.49919	1.41586



{1}-{7}	C*30	0.1*120	0.15000	0.989599	0.879752	-1.80752	2.10752
{1}-{8}	C*30	0.1*180	-0.32500	0.989599	0.743118	-2.28252	1.63252
{1}-{9}	C*30	1*30	-1.33333	0.849263	0.118812	-3.01326	0.34659
{1}-{10}	C*30	1*60	0.01667	0.989599	0.986588	-1.94086	1.97419
{1}-{11}	C*30	1*120	0.14167	0.989599	0.886386	-1.81586	2.09919
{1}-{12}	C*30	1*180	0.69167	0.989599	0.485822	-1.26586	2.64919
{1}-{13}	C*30	5*30	0.25000	0.849263	0.768935	-1.42993	1.92993
{1}-{14}	C*30	5*60	-0.94167	0.989599	0.343057	-2.89919	1.01586
{1}-{15}	C*30	5*120	1.86667	0.989599	0.061453	-0.09086	3.82419
{1}-{16}	C*30	5*180	1.16667	0.989599	0.240547	-0.79086	3.12419
{1}-{17}	C*30	10*30	-0.85833	0.849263	0.314018	-2.53826	0.82159
{1}-{18}	C*30	10*60	1.11667	0.989599	0.261196	-0.84086	3.07419
{1}-{19}	C*30	10*120	2.51667	0.989599	0.012141	0.55914	4.47419
{1}-{20}	C*30	10*180	-0.85000	0.989599	0.391934	-2.80752	1.10752
{2}-{3}	C*60	C*120	-1.00000	0.989599	0.314100	-2.95752	0.95752
{2}-{4}	C*60	C*180	-0.99167	0.989599	0.318134	-2.94919	0.96586
{2}-{5}	C*60	0.1*30	-1.98333	0.989599	0.047097	-3.94086	-0.02581
{2}-{6}	C*60	0.1*60	-2.02500	0.849263	0.018529	-3.70493	-0.34507
{2}-{7}	C*60	0.1*120	-1.33333	0.989599	0.180177	-3.29086	0.62419

{2}-{8}	C*60	0.1*180	-1.80833	0.989599	0.069907	-3.76586	0.14919
{2}-{9}	C*60	1*30	-2.81667	0.989599	0.005131	-4.77419	-0.85914
{2}-{10}	C*60	1*60	-1.46667	0.849263	0.086509	-3.14659	0.21326
{2}-{11}	C*60	1*120	-1.34167	0.989599	0.177488	-3.29919	0.61586
{2}-{12}	C*60	1*180	-0.79167	0.989599	0.425156	-2.74919	1.16586
{2}-{13}	C*60	5*30	-1.23333	0.989599	0.214863	-3.19086	0.72419
{2}-{14}	C*60	5*60	-2.42500	0.849263	0.004994	-4.10493	-0.74507
{2}-{15}	C*60	5*120	0.38333	0.989599	0.699112	-1.57419	2.34086
{2}-{16}	C*60	5*180	-0.31667	0.989599	0.749478	-2.27419	1.64086
{2}-{17}	C*60	10*30	-2.34167	0.989599	0.019422	-4.29919	-0.38414
{2}-{18}	C*60	10*60	-0.36667	0.849263	0.666630	-2.04659	1.31326
{2}-{19}	C*60	10*120	1.03333	0.989599	0.298304	-0.92419	2.99086
{2}-{20}	C*60	10*180	-2.33333	0.989599	0.019849	-4.29086	-0.37581
{3}-{4}	C*120	C*180	0.00833	0.989599	0.993294	-1.94919	1.96586
{3}-{5}	C*120	0.1*30	-0.98333	0.989599	0.322202	-2.94086	0.97419
{3}-{6}	C*120	0.1*60	-1.02500	0.989599	0.302202	-2.98252	0.93252
{3}-{7}	C*120	0.1*120	-0.33333	0.849263	0.695324	-2.01326	1.34659
{3}-{8}	C*120	0.1*180	-0.80833	0.989599	0.415498	-2.76586	1.14919
{3}-{9}	C*120	1*30	-1.81667	0.989599	0.068644	-3.77419	0.14086

{3}-{10}	C*120	1*60	-0.46667	0.989599	0.638011	-2.42419	1.49086
{3}-{11}	C*120	1*120	-0.34167	0.849263	0.688107	-2.02159	1.33826
{3}-{12}	C*120	1*180	0.20833	0.989599	0.833584	-1.74919	2.16586
{3}-{13}	C*120	5*30	-0.23333	0.989599	0.813964	-2.19086	1.72419
{3}-{14}	C*120	5*60	-1.42500	0.989599	0.152241	-3.38252	0.53252
{3}-{15}	C*120	5*120	1.38333	0.849263	0.105726	-0.29659	3.06326
{3}-{16}	C*120	5*180	0.68333	0.989599	0.491083	-1.27419	2.64086
{3}-{17}	C*120	10*30	-1.34167	0.989599	0.177488	-3.29919	0.61586
{3}-{18}	C*120	10*60	0.63333	0.989599	0.523289	-1.32419	2.59086
{3}-{19}	C*120	10*120	2.03333	0.849263	0.018061	0.35341	3.71326
{3}-{20}	C*120	10*180	-1.33333	0.989599	0.180177	-3.29086	0.62419
{4}-{5}	C*180	0.1*30	-0.99167	0.989599	0.318134	-2.94919	0.96586
{4}-{6}	C*180	0.1*60	-1.03333	0.989599	0.298304	-2.99086	0.92419
{4}-{7}	C*180	0.1*120	-0.34167	0.989599	0.730450	-2.29919	1.61586
{4}-{8}	C*180	0.1*180	-0.81667	0.849263	0.338000	-2.49659	0.86326
{4}-{9}	C*180	1*30	-1.82500	0.989599	0.067399	-3.78252	0.13252
{4}-{10}	C*180	1*60	-0.47500	0.989599	0.632027	-2.43252	1.48252
{4}-{11}	C*180	1*120	-0.35000	0.989599	0.724144	-2.30752	1.60752
{4}-{12}	C*180	1*180	0.20000	0.849263	0.814187	-1.47993	1.87993

{4}-{13}	C*180	5*30	-0.24167	0.989599	0.807450	-2.19919	1.71586
{4}-{14}	C*180	5*60	-1.43333	0.989599	0.149877	-3.39086	0.52419
{4}-{15}	C*180	5*120	1.37500	0.989599	0.167035	-0.58252	3.33252
{4}-{16}	C*180	5*180	0.67500	0.849263	0.428153	-1.00493	2.35493
{4}-{17}	C*180	10*30	-1.35000	0.989599	0.174830	-3.30752	0.60752
{4}-{18}	C*180	10*60	0.62500	0.989599	0.528761	-1.33252	2.58252
{4}-{19}	C*180	10*120	2.02500	0.989599	0.042714	0.06748	3.98252
{4}-{20}	C*180	10*180	-1.34167	0.849263	0.116546	-3.02159	0.33826
{5}-{6}	0.1*30	0.1*60	-0.04167	0.989599	0.966479	-1.99919	1.91586
{5}-{7}	0.1*30	0.1*120	0.65000	0.989599	0.512433	-1.30752	2.60752
{5}-{8}	0.1*30	0.1*180	0.17500	0.989599	0.859906	-1.78252	2.13252
{5}-{9}	0.1*30	1*30	-0.83333	0.849263	0.328268	-2.51326	0.84659
{5}-{10}	0.1*30	1*60	0.51667	0.989599	0.602478	-1.44086	2.47419
{5}-{11}	0.1*30	1*120	0.64167	0.989599	0.517846	-1.31586	2.59919
{5}-{12}	0.1*30	1*180	1.19167	0.989599	0.230670	-0.76586	3.14919
{5}-{13}	0.1*30	5*30	0.75000	0.849263	0.378778	-0.92993	2.42993
{5}-{14}	0.1*30	5*60	-0.44167	0.989599	0.656106	-2.39919	1.51586
{5}-{15}	0.1*30	5*120	2.36667	0.989599	0.018188	0.40914	4.32419
{5}-{16}	0.1*30	5*180	1.66667	0.989599	0.094509	-0.29086	3.62419

{5}-{17}	0.1*30	10*30	-0.35833	0.849263	0.673759	-2.03826	1.32159
{5}-{18}	0.1*30	10*60	1.61667	0.989599	0.104714	-0.34086	3.57419
{5}-{19}	0.1*30	10*120	3.01667	0.989599	0.002780	1.05914	4.97419
{5}-{20}	0.1*30	10*180	-0.35000	0.989599	0.724144	-2.30752	1.60752
{6}-{7}	0.1*60	0.1*120	0.69167	0.989599	0.485822	-1.26586	2.64919
{6}-{8}	0.1*60	0.1*180	0.21667	0.989599	0.827032	-1.74086	2.17419
{6}-{9}	0.1*60	1*30	-0.79167	0.989599	0.425156	-2.74919	1.16586
{6}-{10}	0.1*60	1*60	0.55833	0.849263	0.512047	-1.12159	2.23826
{6}-{11}	0.1*60	1*120	0.68333	0.989599	0.491083	-1.27419	2.64086
{6}-{12}	0.1*60	1*180	1.23333	0.989599	0.214863	-0.72419	3.19086
{6}-{13}	0.1*60	5*30	0.79167	0.989599	0.425156	-1.16586	2.74919
{6}-{14}	0.1*60	5*60	-0.40000	0.849263	0.638421	-2.07993	1.27993
{6}-{15}	0.1*60	5*120	2.40833	0.989599	0.016286	0.45081	4.36586
{6}-{16}	0.1*60	5*180	1.70833	0.989599	0.086635	-0.24919	3.66586
{6}-{17}	0.1*60	10*30	-0.31667	0.989599	0.749478	-2.27419	1.64086
{6}-{18}	0.1*60	10*60	1.65833	0.849263	0.052974	-0.02159	3.33826
{6}-{19}	0.1*60	10*120	3.05833	0.989599	0.002438	1.10081	5.01586
{6}-{20}	0.1*60	10*180	-0.30833	0.989599	0.755856	-2.26586	1.64919
{7}-{8}	0.1*120	0.1*180	-0.47500	0.989599	0.632027	-2.43252	1.48252

{7}-{9}	0.1*120	1*30	-1.48333	0.989599	0.136281	-3.44086	0.47419
{7}-{10}	0.1*120	1*60	-0.13333	0.989599	0.893027	-2.09086	1.82419
{7}-{11}	0.1*120	1*120	-0.00833	0.849263	0.992186	-1.68826	1.67159
{7}-{12}	0.1*120	1*180	0.54167	0.989599	0.585056	-1.41586	2.49919
{7}-{13}	0.1*120	5*30	0.10000	0.989599	0.919663	-1.85752	2.05752
{7}-{14}	0.1*120	5*60	-1.09167	0.989599	0.271973	-3.04919	0.86586
{7}-{15}	0.1*120	5*120	1.71667	0.849263	0.045264	0.03674	3.39659
{7}-{16}	0.1*120	5*180	1.01667	0.989599	0.306134	-0.94086	2.97419
{7}-{17}	0.1*120	10*30	-1.00833	0.989599	0.310100	-2.96586	0.94919
{7}-{18}	0.1*120	10*60	0.96667	0.989599	0.330442	-0.99086	2.92419
{7}-{19}	0.1*120	10*120	2.36667	0.849263	0.006110	0.68674	4.04659
{7}-{20}	0.1*120	10*180	-1.00000	0.989599	0.314100	-2.95752	0.95752
{8}-{9}	0.1*180	1*30	-1.00833	0.989599	0.310100	-2.96586	0.94919
{8}-{10}	0.1*180	1*60	0.34167	0.989599	0.730450	-1.61586	2.29919
{8}-{11}	0.1*180	1*120	0.46667	0.989599	0.638011	-1.49086	2.42419
{8}-{12}	0.1*180	1*180	1.01667	0.849263	0.233407	-0.66326	2.69659
{8}-{13}	0.1*180	5*30	0.57500	0.989599	0.562202	-1.38252	2.53252
{8}-{14}	0.1*180	5*60	-0.61667	0.989599	0.534262	-2.57419	1.34086
{8}-{15}	0.1*180	5*120	2.19167	0.989599	0.028496	0.23414	4.14919

{8}-{16}	0.1*180	5*180	1.49167	0.849263	0.081335	-0.18826	3.17159
{8}-{17}	0.1*180	10*30	-0.53333	0.989599	0.590837	-2.49086	1.42419
{8}-{18}	0.1*180	10*60	1.44167	0.989599	0.147541	-0.51586	3.39919
{8}-{19}	0.1*180	10*120	2.84167	0.989599	0.004760	0.88414	4.79919
{8}-{20}	0.1*180	10*180	-0.52500	0.849263	0.537520	-2.20493	1.15493
{9}-{10}	1*30	1*60	1.35000	0.989599	0.174830	-0.60752	3.30752
{9}-{11}	1*30	1*120	1.47500	0.989599	0.138478	-0.48252	3.43252
{9}-{12}	1*30	1*180	2.02500	0.989599	0.042714	0.06748	3.98252
{9}-{13}	1*30	5*30	1.58333	0.849263	0.064492	-0.09659	3.26326
{9}-{14}	1*30	5*60	0.39167	0.989599	0.692904	-1.56586	2.34919
{9}-{15}	1*30	5*120	3.20000	0.989599	0.001544	1.24248	5.15752
{9}-{16}	1*30	5*180	2.50000	0.989599	0.012709	0.54248	4.45752
{9}-{17}	1*30	10*30	0.47500	0.849263	0.576899	-1.20493	2.15493
{9}-{18}	1*30	10*60	2.45000	0.989599	0.014562	0.49248	4.40752
{9}-{19}	1*30	10*120	3.85000	0.989599	0.000158	1.89248	5.80752
{9}-{20}	1*30	10*180	0.48333	0.989599	0.626068	-1.47419	2.44086
{10}-{11}	1*60	1*120	0.12500	0.989599	0.899676	-1.83252	2.08252
{10}-{12}	1*60	1*180	0.67500	0.989599	0.496374	-1.28252	2.63252
{10}-{13}	1*60	5*30	0.23333	0.989599	0.813964	-1.72419	2.19086

{10}-{14}	1*60	5*60	-0.95833	0.849263	0.261185	-2.63826	0.72159
{10}-{15}	1*60	5*120	1.85000	0.989599	0.063777	-0.10752	3.80752
{10}-{16}	1*60	5*180	1.15000	0.989599	0.247297	-0.80752	3.10752
{10}-{17}	1*60	10*30	-0.87500	0.989599	0.378198	-2.83252	1.08252
{10}-{18}	1*60	10*60	1.10000	0.849263	0.197498	-0.57993	2.77993
{10}-{19}	1*60	10*120	2.50000	0.989599	0.012709	0.54248	4.45752
{10}-{20}	1*60	10*180	-0.86667	0.989599	0.382743	-2.82419	1.09086
{11}-{12}	1*120	1*180	0.55000	0.989599	0.579302	-1.40752	2.50752
{11}-{13}	1*120	5*30	0.10833	0.989599	0.912994	-1.84919	2.06586
{11}-{14}	1*120	5*60	-1.08333	0.989599	0.275633	-3.04086	0.87419
{11}-{15}	1*120	5*120	1.72500	0.849263	0.044245	0.04507	3.40493
{11}-{16}	1*120	5*180	1.02500	0.989599	0.302202	-0.93252	2.98252
{11}-{17}	1*120	10*30	-1.00000	0.989599	0.314100	-2.95752	0.95752
{11}-{18}	1*120	10*60	0.97500	0.989599	0.326305	-0.98252	2.93252
{11}-{19}	1*120	10*120	2.37500	0.849263	0.005938	0.69507	4.05493
{11}-{20}	1*120	10*180	-0.99167	0.989599	0.318134	-2.94919	0.96586
{12}-{13}	1*180	5*30	-0.44167	0.989599	0.656106	-2.39919	1.51586
{12}-{14}	1*180	5*60	-1.63333	0.989599	0.101218	-3.59086	0.32419
{12}-{15}	1*180	5*120	1.17500	0.989599	0.237222	-0.78252	3.13252



{12}-{16}	1*180	5*180	0.47500	0.849263	0.576899	-1.20493	2.15493
{12}-{17}	1*180	10*30	-1.55000	0.989599	0.119675	-3.50752	0.40752
{12}-{18}	1*180	10*60	0.42500	0.989599	0.668284	-1.53252	2.38252
{12}-{19}	1*180	10*120	1.82500	0.989599	0.067399	-0.13252	3.78252
{12}-{20}	1*180	10*180	-1.54167	0.849263	0.071748	-3.22159	0.13826
{13}-{14}	5*30	5*60	-1.19167	0.989599	0.230670	-3.14919	0.76586
{13}-{15}	5*30	5*120	1.61667	0.989599	0.104714	-0.34086	3.57419
{13}-{16}	5*30	5*180	0.91667	0.989599	0.355980	-1.04086	2.87419
{13}-{17}	5*30	10*30	-1.10833	0.849263	0.194145	-2.78826	0.57159
{13}-{18}	5*30	10*60	0.86667	0.989599	0.382743	-1.09086	2.82419
{13}-{19}	5*30	10*120	2.26667	0.989599	0.023578	0.30914	4.22419
{13}-{20}	5*30	10*180	-1.10000	0.989599	0.268347	-3.05752	0.85752
{14}-{15}	5*60	5*120	2.80833	0.989599	0.005260	0.85081	4.76586
{14}-{16}	5*60	5*180	2.10833	0.989599	0.034986	0.15081	4.06586
{14}-{17}	5*60	10*30	0.08333	0.989599	0.933018	-1.87419	2.04086
{14}-{18}	5*60	10*60	2.05833	0.849263	0.016720	0.37841	3.73826
{14}-{19}	5*60	10*120	3.45833	0.989599	0.000647	1.50081	5.41586
{14}-{20}	5*60	10*180	0.09167	0.989599	0.926338	-1.86586	2.04919
{15}-{16}	5*120	5*180	-0.70000	0.989599	0.480592	-2.65752	1.25752

{15}-{17}	5*120	10*30	-2.72500	0.989599	0.006725	-4.68252	-0.76748
{15}-{18}	5*120	10*60	-0.75000	0.989599	0.449872	-2.70752	1.20752
{15}-{19}	5*120	10*120	0.65000	0.849263	0.445418	-1.02993	2.32993
{15}-{20}	5*120	10*180	-2.71667	0.989599	0.006890	-4.67419	-0.75914
{16}-{17}	5*180	10*30	-2.02500	0.989599	0.042714	-3.98252	-0.06748
{16}-{18}	5*180	10*60	-0.05000	0.989599	0.959780	-2.00752	1.90752
{16}-{19}	5*180	10*120	1.35000	0.989599	0.174830	-0.60752	3.30752
{16}-{20}	5*180	10*180	-2.01667	0.849263	0.019007	-3.69659	-0.33674
{17}-{18}	10*30	10*60	1.97500	0.989599	0.048018	0.01748	3.93252
{17}-{19}	10*30	10*120	3.37500	0.989599	0.000861	1.41748	5.33252
{17}-{20}	10*30	10*180	0.00833	0.989599	0.993294	-1.94919	1.96586
{18}-{19}	10*60	10*120	1.40000	0.989599	0.159507	-0.55752	3.35752
{18}-{20}	10*60	10*180	-1.96667	0.989599	0.048955	-3.92419	-0.00914
{19}-{20}	10*120	10*180	-3.36667	0.989599	0.000886	-5.32419	-1.40914

## n. Slow Head Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=1.9900$ ,  $p=.02982$

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>Slow-Head - Mean</b>	<b>Slow-Head - Std.Err.</b>	<b>Slow-Head - -95.00%</b>	<b>Slow-Head - +95.00%</b>	<b>N</b>
1	C	30	10.21667	1.090363	8.05982	12.37351	12
2	C	60	9.72500	1.090363	7.56815	11.88185	12
3	C	120	11.45833	1.090363	9.30149	13.61518	12
4	C	180	11.79167	1.090363	9.63482	13.94851	12
5	0.1	30	10.32500	1.090363	8.16815	12.48185	12
6	0.1	60	9.53333	1.090363	7.37649	11.69018	12
7	0.1	120	9.60833	1.090363	7.45149	11.76518	12
8	0.1	180	11.07500	1.090363	8.91815	13.23185	12
9	1	30	10.28333	1.090363	8.12649	12.44018	12
10	1	60	9.51667	1.090363	7.35982	11.67351	12
11	1	120	9.76667	1.090363	7.60982	11.92351	12

<b>12</b>	1	180	8.63333	1.090363	6.47649	10.79018	12
<b>13</b>	5	30	9.25833	1.090363	7.10149	11.41518	12
<b>14</b>	5	60	10.76667	1.090363	8.60982	12.92351	12
<b>15</b>	5	120	7.20000	1.090363	5.04315	9.35685	12
<b>16</b>	5	180	10.17500	1.090363	8.01815	12.33185	12
<b>17</b>	10	30	11.38333	1.090363	9.22649	13.54018	12
<b>18</b>	10	60	12.94167	1.090363	10.78482	15.09851	12
<b>19</b>	10	120	9.07500	1.090363	6.91815	11.23185	12
<b>20</b>	10	180	9.17500	1.090363	7.01815	11.33185	12

LSD test; variable Slow-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	0.49167	1.531494	0.748690	-2.53778	3.52111
{1}-{3}	C*30	C*120	-1.24167	1.531494	0.418966	-4.27111	1.78778
{1}-{4}	C*30	C*180	-1.57500	1.531494	0.305639	-4.60445	1.45445
{1}-{5}	C*30	0.1*30	-0.10833	1.305957	0.934014	-2.69165	2.47498
{1}-{6}	C*30	0.1*60	0.68333	1.531494	0.656193	-2.34611	3.71278
{1}-{7}	C*30	0.1*120	0.60833	1.531494	0.691850	-2.42111	3.63778
{1}-{8}	C*30	0.1*180	-0.85833	1.531494	0.576119	-3.88778	2.17111
{1}-{9}	C*30	1*30	-0.06667	1.305957	0.959364	-2.64998	2.51665
{1}-{10}	C*30	1*60	0.70000	1.531494	0.648372	-2.32945	3.72945
{1}-{11}	C*30	1*120	0.45000	1.531494	0.769349	-2.57945	3.47945
{1}-{12}	C*30	1*180	1.58333	1.531494	0.303097	-1.44611	4.61278
{1}-{13}	C*30	5*30	0.95833	1.305957	0.464362	-1.62498	3.54165
{1}-{14}	C*30	5*60	-0.55000	1.531494	0.720074	-3.57945	2.47945
{1}-{15}	C*30	5*120	3.01667	1.531494	0.050960	-0.01278	6.04611
{1}-{16}	C*30	5*180	0.04167	1.531494	0.978336	-2.98778	3.07111
{1}-{17}	C*30	10*30	-1.16667	1.305957	0.373300	-3.74998	1.41665
{1}-{18}	C*30	10*60	-2.72500	1.531494	0.077491	-5.75445	0.30445
{1}-{19}	C*30	10*120	1.14167	1.531494	0.457319	-1.88778	4.17111

{1}-{20}	C*30	10*180	1.04167	1.531494	0.497592	-1.98778	4.07111
{2}-{3}	C*60	C*120	-1.73333	1.531494	0.259774	-4.76278	1.29611
{2}-{4}	C*60	C*180	-2.06667	1.531494	0.179504	-5.09611	0.96278
{2}-{5}	C*60	0.1*30	-0.60000	1.531494	0.695857	-3.62945	2.42945
{2}-{6}	C*60	0.1*60	0.19167	1.305957	0.883543	-2.39165	2.77498
{2}-{7}	C*60	0.1*120	0.11667	1.531494	0.939393	-2.91278	3.14611
{2}-{8}	C*60	0.1*180	-1.35000	1.531494	0.379654	-4.37945	1.67945
{2}-{9}	C*60	1*30	-0.55833	1.531494	0.716017	-3.58778	2.47111
{2}-{10}	C*60	1*60	0.20833	1.305957	0.873499	-2.37498	2.79165
{2}-{11}	C*60	1*120	-0.04167	1.531494	0.978336	-3.07111	2.98778
{2}-{12}	C*60	1*180	1.09167	1.531494	0.477221	-1.93778	4.12111
{2}-{13}	C*60	5*30	0.46667	1.531494	0.761064	-2.56278	3.49611
{2}-{14}	C*60	5*60	-1.04167	1.305957	0.426520	-3.62498	1.54165
{2}-{15}	C*60	5*120	2.52500	1.531494	0.101584	-0.50445	5.55445
{2}-{16}	C*60	5*180	-0.45000	1.531494	0.769349	-3.47945	2.57945
{2}-{17}	C*60	10*30	-1.65833	1.531494	0.280862	-4.68778	1.37111
{2}-{18}	C*60	10*60	-3.21667	1.305957	0.015063	-5.79998	-0.63335
{2}-{19}	C*60	10*120	0.65000	1.531494	0.671949	-2.37945	3.67945
{2}-{20}	C*60	10*180	0.55000	1.531494	0.720074	-2.47945	3.57945

{3}-{4}	C*120	C*180	-0.33333	1.531494	0.828036	-3.36278	2.69611
{3}-{5}	C*120	0.1*30	1.13333	1.531494	0.460603	-1.89611	4.16278
{3}-{6}	C*120	0.1*60	1.92500	1.531494	0.210994	-1.10445	4.95445
{3}-{7}	C*120	0.1*120	1.85000	1.305957	0.158960	-0.73331	4.43331
{3}-{8}	C*120	0.1*180	0.38333	1.531494	0.802744	-2.64611	3.41278
{3}-{9}	C*120	1*30	1.17500	1.531494	0.444318	-1.85445	4.20445
{3}-{10}	C*120	1*60	1.94167	1.531494	0.207092	-1.08778	4.97111
{3}-{11}	C*120	1*120	1.69167	1.305957	0.197462	-0.89165	4.27498
{3}-{12}	C*120	1*180	2.82500	1.531494	0.067337	-0.20445	5.85445
{3}-{13}	C*120	5*30	2.20000	1.531494	0.153224	-0.82945	5.22945
{3}-{14}	C*120	5*60	0.69167	1.531494	0.652278	-2.33778	3.72111
{3}-{15}	C*120	5*120	4.25833	1.305957	0.001414	1.67502	6.84165
{3}-{16}	C*120	5*180	1.28333	1.531494	0.403567	-1.74611	4.31278
{3}-{17}	C*120	10*30	0.07500	1.531494	0.961016	-2.95445	3.10445
{3}-{18}	C*120	10*60	-1.48333	1.531494	0.334540	-4.51278	1.54611
{3}-{19}	C*120	10*120	2.38333	1.305957	0.070266	-0.19998	4.96665
{3}-{20}	C*120	10*180	2.28333	1.531494	0.138369	-0.74611	5.31278
{4}-{5}	C*180	0.1*30	1.46667	1.531494	0.339980	-1.56278	4.49611
{4}-{6}	C*180	0.1*60	2.25833	1.531494	0.142703	-0.77111	5.28778

{4}-{7}	C*180	0.1*120	2.18333	1.531494	0.156338	-0.84611	5.21278
{4}-{8}	C*180	0.1*180	0.71667	1.305957	0.584092	-1.86665	3.29998
{4}-{9}	C*180	1*30	1.50833	1.531494	0.326486	-1.52111	4.53778
{4}-{10}	C*180	1*60	2.27500	1.531494	0.139802	-0.75445	5.30445
{4}-{11}	C*180	1*120	2.02500	1.531494	0.188375	-1.00445	5.05445
{4}-{12}	C*180	1*180	3.15833	1.305957	0.016953	0.57502	5.74165
{4}-{13}	C*180	5*30	2.53333	1.531494	0.100471	-0.49611	5.56278
{4}-{14}	C*180	5*60	1.02500	1.531494	0.504485	-2.00445	4.05445
{4}-{15}	C*180	5*120	4.59167	1.531494	0.003247	1.56222	7.62111
{4}-{16}	C*180	5*180	1.61667	1.305957	0.217944	-0.96665	4.19998
{4}-{17}	C*180	10*30	0.40833	1.531494	0.790175	-2.62111	3.43778
{4}-{18}	C*180	10*60	-1.15000	1.531494	0.454049	-4.17945	1.87945
{4}-{19}	C*180	10*120	2.71667	1.531494	0.078391	-0.31278	5.74611
{4}-{20}	C*180	10*180	2.61667	1.305957	0.047156	0.03335	5.19998
{5}-{6}	0.1*30	0.1*60	0.79167	1.531494	0.606074	-2.23778	3.82111
{5}-{7}	0.1*30	0.1*120	0.71667	1.531494	0.640590	-2.31278	3.74611
{5}-{8}	0.1*30	0.1*180	-0.75000	1.531494	0.625146	-3.77945	2.27945
{5}-{9}	0.1*30	1*30	0.04167	1.305957	0.974596	-2.54165	2.62498
{5}-{10}	0.1*30	1*60	0.80833	1.531494	0.598519	-2.22111	3.83778



{5}-{11}	0.1*30	1*120	0.55833	1.531494	0.716017	-2.47111	3.58778
{5}-{12}	0.1*30	1*180	1.69167	1.531494	0.271348	-1.33778	4.72111
{5}-{13}	0.1*30	5*30	1.06667	1.305957	0.415532	-1.51665	3.64998
{5}-{14}	0.1*30	5*60	-0.44167	1.531494	0.773501	-3.47111	2.58778
{5}-{15}	0.1*30	5*120	3.12500	1.531494	0.043295	0.09555	6.15445
{5}-{16}	0.1*30	5*180	0.15000	1.531494	0.922126	-2.87945	3.17945
{5}-{17}	0.1*30	10*30	-1.05833	1.305957	0.419175	-3.64165	1.52498
{5}-{18}	0.1*30	10*60	-2.61667	1.531494	0.089881	-5.64611	0.41278
{5}-{19}	0.1*30	10*120	1.25000	1.531494	0.415858	-1.77945	4.27945
{5}-{20}	0.1*30	10*180	1.15000	1.531494	0.454049	-1.87945	4.17945
{6}-{7}	0.1*60	0.1*120	-0.07500	1.531494	0.961016	-3.10445	2.95445
{6}-{8}	0.1*60	0.1*180	-1.54167	1.531494	0.315948	-4.57111	1.48778
{6}-{9}	0.1*60	1*30	-0.75000	1.531494	0.625146	-3.77945	2.27945
{6}-{10}	0.1*60	1*60	0.01667	1.305957	0.989837	-2.56665	2.59998
{6}-{11}	0.1*60	1*120	-0.23333	1.531494	0.879138	-3.26278	2.79611
{6}-{12}	0.1*60	1*180	0.90000	1.531494	0.557764	-2.12945	3.92945
{6}-{13}	0.1*60	5*30	0.27500	1.531494	0.857771	-2.75445	3.30445
{6}-{14}	0.1*60	5*60	-1.23333	1.305957	0.346696	-3.81665	1.34998
{6}-{15}	0.1*60	5*120	2.33333	1.531494	0.130009	-0.69611	5.36278

{6}--{16}	0.1*60	5*180	-0.64167	1.531494	0.675911	-3.67111	2.38778
{6}--{17}	0.1*60	10*30	-1.85000	1.531494	0.229218	-4.87945	1.17945
{6}--{18}	0.1*60	10*60	-3.40833	1.305957	0.010105	-5.99165	-0.82502
{6}--{19}	0.1*60	10*120	0.45833	1.531494	0.765203	-2.57111	3.48778
{6}--{20}	0.1*60	10*180	0.35833	1.531494	0.815366	-2.67111	3.38778
{7}--{8}	0.1*120	0.1*180	-1.46667	1.531494	0.339980	-4.49611	1.56278
{7}--{9}	0.1*120	1*30	-0.67500	1.531494	0.660118	-3.70445	2.35445
{7}--{10}	0.1*120	1*60	0.09167	1.531494	0.952362	-2.93778	3.12111
{7}--{11}	0.1*120	1*120	-0.15833	1.305957	0.903686	-2.74165	2.42498
{7}--{12}	0.1*120	1*180	0.97500	1.531494	0.525466	-2.05445	4.00445
{7}--{13}	0.1*120	5*30	0.35000	1.531494	0.819584	-2.67945	3.37945
{7}--{14}	0.1*120	5*60	-1.15833	1.531494	0.450792	-4.18778	1.87111
{7}--{15}	0.1*120	5*120	2.40833	1.305957	0.067409	-0.17498	4.99165
{7}--{16}	0.1*120	5*180	-0.56667	1.531494	0.711969	-3.59611	2.46278
{7}--{17}	0.1*120	10*30	-1.77500	1.531494	0.248549	-4.80445	1.25445
{7}--{18}	0.1*120	10*60	-3.33333	1.531494	0.031295	-6.36278	-0.30389
{7}--{19}	0.1*120	10*120	0.53333	1.305957	0.683653	-2.04998	3.11665
{7}--{20}	0.1*120	10*180	0.43333	1.531494	0.777660	-2.59611	3.46278
{8}--{9}	0.1*180	1*30	0.79167	1.531494	0.606074	-2.23778	3.82111

{8}-{10}	0.1*180	1*60	1.55833	1.531494	0.310765	-1.47111	4.58778
{8}-{11}	0.1*180	1*120	1.30833	1.531494	0.394495	-1.72111	4.33778
{8}-{12}	0.1*180	1*180	2.44167	1.305957	0.063750	-0.14165	5.02498
{8}-{13}	0.1*180	5*30	1.81667	1.531494	0.237672	-1.21278	4.84611
{8}-{14}	0.1*180	5*60	0.30833	1.531494	0.840752	-2.72111	3.33778
{8}-{15}	0.1*180	5*120	3.87500	1.531494	0.012574	0.84555	6.90445
{8}-{16}	0.1*180	5*180	0.90000	1.305957	0.491939	-1.68331	3.48331
{8}-{17}	0.1*180	10*30	-0.30833	1.531494	0.840752	-3.33778	2.72111
{8}-{18}	0.1*180	10*60	-1.86667	1.531494	0.225074	-4.89611	1.16278
{8}-{19}	0.1*180	10*120	2.00000	1.531494	0.193853	-1.02945	5.02945
{8}-{20}	0.1*180	10*180	1.90000	1.305957	0.148079	-0.68331	4.48331
{9}-{10}	1*30	1*60	0.76667	1.531494	0.617486	-2.26278	3.79611
{9}-{11}	1*30	1*120	0.51667	1.531494	0.736380	-2.51278	3.54611
{9}-{12}	1*30	1*180	1.65000	1.531494	0.283276	-1.37945	4.67945
{9}-{13}	1*30	5*30	1.02500	1.305957	0.433939	-1.55831	3.60831
{9}-{14}	1*30	5*60	-0.48333	1.531494	0.752808	-3.51278	2.54611
{9}-{15}	1*30	5*120	3.08333	1.531494	0.046118	0.05389	6.11278
{9}-{16}	1*30	5*180	0.10833	1.531494	0.943714	-2.92111	3.13778
{9}-{17}	1*30	10*30	-1.10000	1.305957	0.401147	-3.68331	1.48331

{9}-{18}	1*30	10*60	-2.65833	1.531494	0.084937	-5.68778	0.37111
{9}-{19}	1*30	10*120	1.20833	1.531494	0.431533	-1.82111	4.23778
{9}-{20}	1*30	10*180	1.10833	1.531494	0.470534	-1.92111	4.13778
{10}-{11}	1*60	1*120	-0.25000	1.531494	0.870580	-3.27945	2.77945
{10}-{12}	1*60	1*180	0.88333	1.531494	0.565071	-2.14611	3.91278
{10}-{13}	1*60	5*30	0.25833	1.531494	0.866306	-2.77111	3.28778
{10}-{14}	1*60	5*60	-1.25000	1.305957	0.340240	-3.83331	1.33331
{10}-{15}	1*60	5*120	2.31667	1.531494	0.132750	-0.71278	5.34611
{10}-{16}	1*60	5*180	-0.65833	1.531494	0.667996	-3.68778	2.37111
{10}-{17}	1*60	10*30	-1.86667	1.531494	0.225074	-4.89611	1.16278
{10}-{18}	1*60	10*60	-3.42500	1.305957	0.009752	-6.00831	-0.84169
{10}-{19}	1*60	10*120	0.44167	1.531494	0.773501	-2.58778	3.47111
{10}-{20}	1*60	10*180	0.34167	1.531494	0.823807	-2.68778	3.37111
{11}-{12}	1*120	1*180	1.13333	1.531494	0.460603	-1.89611	4.16278
{11}-{13}	1*120	5*30	0.50833	1.531494	0.740476	-2.52111	3.53778
{11}-{14}	1*120	5*60	-1.00000	1.531494	0.514920	-4.02945	2.02945
{11}-{15}	1*120	5*120	2.56667	1.305957	0.051473	-0.01665	5.14998
{11}-{16}	1*120	5*180	-0.40833	1.531494	0.790175	-3.43778	2.62111
{11}-{17}	1*120	10*30	-1.61667	1.531494	0.293073	-4.64611	1.41278

{11}-{18}	1*120	10*60	-3.17500	1.531494	0.040104	-6.20445	-0.14555
{11}-{19}	1*120	10*120	0.69167	1.305957	0.597262	-1.89165	3.27498
{11}-{20}	1*120	10*180	0.59167	1.531494	0.699872	-2.43778	3.62111
{12}-{13}	1*180	5*30	-0.62500	1.531494	0.683863	-3.65445	2.40445
{12}-{14}	1*180	5*60	-2.13333	1.531494	0.165969	-5.16278	0.89611
{12}-{15}	1*180	5*120	1.43333	1.531494	0.351031	-1.59611	4.46278
{12}-{16}	1*180	5*180	-1.54167	1.305957	0.239929	-4.12498	1.04165
{12}-{17}	1*180	10*30	-2.75000	1.531494	0.074841	-5.77945	0.27945
{12}-{18}	1*180	10*60	-4.30833	1.531494	0.005656	-7.33778	-1.27889
{12}-{19}	1*180	10*120	-0.44167	1.531494	0.773501	-3.47111	2.58778
{12}-{20}	1*180	10*180	-0.54167	1.305957	0.678987	-3.12498	2.04165
{13}-{14}	5*30	5*60	-1.50833	1.531494	0.326486	-4.53778	1.52111
{13}-{15}	5*30	5*120	2.05833	1.531494	0.181253	-0.97111	5.08778
{13}-{16}	5*30	5*180	-0.91667	1.531494	0.550503	-3.94611	2.11278
{13}-{17}	5*30	10*30	-2.12500	1.305957	0.106088	-4.70831	0.45831
{13}-{18}	5*30	10*60	-3.68333	1.531494	0.017557	-6.71278	-0.65389
{13}-{19}	5*30	10*120	0.18333	1.531494	0.904896	-2.84611	3.21278
{13}-{20}	5*30	10*180	0.08333	1.531494	0.956688	-2.94611	3.11278
{14}-{15}	5*60	5*120	3.56667	1.531494	0.021384	0.53722	6.59611

{14}-{16}	5*60	5*180	0.59167	1.531494	0.699872	-2.43778	3.62111
{14}-{17}	5*60	10*30	-0.61667	1.531494	0.687852	-3.64611	2.41278
{14}-{18}	5*60	10*60	-2.17500	1.305957	0.098196	-4.75831	0.40831
{14}-{19}	5*60	10*120	1.69167	1.531494	0.271348	-1.33778	4.72111
{14}-{20}	5*60	10*180	1.59167	1.531494	0.300570	-1.43778	4.62111
{15}-{16}	5*120	5*180	-2.97500	1.531494	0.054200	-6.00445	0.05445
{15}-{17}	5*120	10*30	-4.18333	1.531494	0.007167	-7.21278	-1.15389
{15}-{18}	5*120	10*60	-5.74167	1.531494	0.000265	-8.77111	-2.71222
{15}-{19}	5*120	10*120	-1.87500	1.305957	0.153445	-4.45831	0.70831
{15}-{20}	5*120	10*180	-1.97500	1.531494	0.199448	-5.00445	1.05445
{16}-{17}	5*180	10*30	-1.20833	1.531494	0.431533	-4.23778	1.82111
{16}-{18}	5*180	10*60	-2.76667	1.531494	0.073116	-5.79611	0.26278
{16}-{19}	5*180	10*120	1.10000	1.531494	0.473871	-1.92945	4.12945
{16}-{20}	5*180	10*180	1.00000	1.305957	0.445209	-1.58331	3.58331
{17}-{18}	10*30	10*60	-1.55833	1.531494	0.310765	-4.58778	1.47111
{17}-{19}	10*30	10*120	2.30833	1.531494	0.134138	-0.72111	5.33778
{17}-{20}	10*30	10*180	2.20833	1.531494	0.151686	-0.82111	5.23778
{18}-{19}	10*60	10*120	3.86667	1.531494	0.012761	0.83722	6.89611
{18}-{20}	10*60	10*180	3.76667	1.531494	0.015208	0.73722	6.79611

{19}-{20}	10*120	10*180	-0.10000	1.531494	0.948037	-3.12945	2.92945
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### o. Medium Head Cells

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=3.1608, p=.00055

Type V decomposition

Cell No.	Concentration	Time Point	Medium-Head - Mean	Medium-Head - Std.Err.	Medium-Head - -95.00%	Medium-Head - +95.00%	N
1	C	30	10.40000	1.029628	8.36329	12.43671	12
2	C	60	9.60000	1.029628	7.56329	11.63671	12
3	C	120	13.62500	1.029628	11.58829	15.66171	12
4	C	180	10.29167	1.029628	8.25496	12.32837	12
5	0.1	30	8.71667	1.029628	6.67996	10.75337	12
6	0.1	60	9.93333	1.029628	7.89663	11.97004	12

<b>7</b>	0.1	120	10.19167	1.029628	8.15496	12.22837	12
<b>8</b>	0.1	180	13.85833	1.029628	11.82163	15.89504	12
<b>9</b>	1	30	10.15000	1.029628	8.11329	12.18671	12
<b>10</b>	1	60	8.37500	1.029628	6.33829	10.41171	12
<b>11</b>	1	120	9.74167	1.029628	7.70496	11.77837	12
<b>12</b>	1	180	8.80000	1.029628	6.76329	10.83671	12
<b>13</b>	5	30	9.27500	1.029628	7.23829	11.31171	12
<b>14</b>	5	60	11.19167	1.029628	9.15496	13.22837	12
<b>15</b>	5	120	9.50000	1.029628	7.46329	11.53671	12
<b>16</b>	5	180	11.60833	1.029628	9.57163	13.64504	12
<b>17</b>	10	30	10.32500	1.029628	8.28829	12.36171	12
<b>18</b>	10	60	9.15000	1.029628	7.11329	11.18671	12
<b>19</b>	10	120	10.68333	1.029628	8.64663	12.72004	12



20	10	180	11.25000	1.029628	9.21329	13.28671	12
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LSD test; variable Medium-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	0.80000	1.281328	0.533474	-1.73459	3.33459
{1}-{3}	C*30	C*120	-3.22500	1.281328	0.013036	-5.75959	-0.69041
{1}-{4}	C*30	C*180	0.10833	1.281328	0.932749	-2.42626	2.64293
{1}-{5}	C*30	0.1*30	1.68333	1.143802	0.143482	-0.57922	3.94589
{1}-{6}	C*30	0.1*60	0.46667	1.281328	0.716287	-2.06793	3.00126
{1}-{7}	C*30	0.1*120	0.20833	1.281328	0.871089	-2.32626	2.74293
{1}-{8}	C*30	0.1*180	-3.45833	1.281328	0.007864	-5.99293	-0.92374
{1}-{9}	C*30	1*30	0.25000	1.143802	0.827323	-2.01255	2.51255
{1}-{10}	C*30	1*60	2.02500	1.281328	0.116410	-0.50959	4.55959
{1}-{11}	C*30	1*120	0.65833	1.281328	0.608258	-1.87626	3.19293
{1}-{12}	C*30	1*180	1.60000	1.281328	0.213983	-0.93459	4.13459

{1}-{13}	C*30	5*30	1.12500	1.143802	0.327131	-1.13755	3.38755
{1}-{14}	C*30	5*60	-0.79167	1.281328	0.537740	-3.32626	1.74293
{1}-{15}	C*30	5*120	0.90000	1.281328	0.483669	-1.63459	3.43459
{1}-{16}	C*30	5*180	-1.20833	1.281328	0.347387	-3.74293	1.32626
{1}-{17}	C*30	10*30	0.07500	1.143802	0.947819	-2.18755	2.33755
{1}-{18}	C*30	10*60	1.25000	1.281328	0.331072	-1.28459	3.78459
{1}-{19}	C*30	10*120	-0.28333	1.281328	0.825337	-2.81793	2.25126
{1}-{20}	C*30	10*180	-0.85000	1.281328	0.508248	-3.38459	1.68459
{2}-{3}	C*60	C*120	-4.02500	1.281328	0.002077	-6.55959	-1.49041
{2}-{4}	C*60	C*180	-0.69167	1.281328	0.590241	-3.22626	1.84293
{2}-{5}	C*60	0.1*30	0.88333	1.281328	0.491789	-1.65126	3.41793
{2}-{6}	C*60	0.1*60	-0.33333	1.143802	0.771183	-2.59589	1.92922
{2}-{7}	C*60	0.1*120	-0.59167	1.281328	0.645013	-3.12626	1.94293
{2}-{8}	C*60	0.1*180	-4.25833	1.281328	0.001151	-6.79293	-1.72374
{2}-{9}	C*60	1*30	-0.55000	1.281328	0.668447	-3.08459	1.98459
{2}-{10}	C*60	1*60	1.22500	1.143802	0.286129	-1.03755	3.48755
{2}-{11}	C*60	1*120	-0.14167	1.281328	0.912131	-2.67626	2.39293
{2}-{12}	C*60	1*180	0.80000	1.281328	0.533474	-1.73459	3.33459
{2}-{13}	C*60	5*30	0.32500	1.281328	0.800166	-2.20959	2.85959

{2}-{14}	C*60	5*60	-1.59167	1.143802	0.166397	-3.85422	0.67089
{2}-{15}	C*60	5*120	0.10000	1.281328	0.937911	-2.43459	2.63459
{2}-{16}	C*60	5*180	-2.00833	1.281328	0.119419	-4.54293	0.52626
{2}-{17}	C*60	10*30	-0.72500	1.281328	0.572477	-3.25959	1.80959
{2}-{18}	C*60	10*60	0.45000	1.143802	0.694641	-1.81255	2.71255
{2}-{19}	C*60	10*120	-1.08333	1.281328	0.399374	-3.61793	1.45126
{2}-{20}	C*60	10*180	-1.65000	1.281328	0.200094	-4.18459	0.88459
{3}-{4}	C*120	C*180	3.33333	1.281328	0.010342	0.79874	5.86793
{3}-{5}	C*120	0.1*30	4.90833	1.281328	0.000197	2.37374	7.44293
{3}-{6}	C*120	0.1*60	3.69167	1.281328	0.004626	1.15707	6.22626
{3}-{7}	C*120	0.1*120	3.43333	1.143802	0.003212	1.17078	5.69589
{3}-{8}	C*120	0.1*180	-0.23333	1.281328	0.855781	-2.76793	2.30126
{3}-{9}	C*120	1*30	3.47500	1.281328	0.007578	0.94041	6.00959
{3}-{10}	C*120	1*60	5.25000	1.281328	0.000073	2.71541	7.78459
{3}-{11}	C*120	1*120	3.88333	1.143802	0.000906	1.62078	6.14589
{3}-{12}	C*120	1*180	4.82500	1.281328	0.000249	2.29041	7.35959
{3}-{13}	C*120	5*30	4.35000	1.281328	0.000907	1.81541	6.88459
{3}-{14}	C*120	5*60	2.43333	1.281328	0.059737	-0.10126	4.96793
{3}-{15}	C*120	5*120	4.12500	1.143802	0.000439	1.86245	6.38755

{3}-{16}	C*120	5*180	2.01667	1.281328	0.117907	-0.51793	4.55126
{3}-{17}	C*120	10*30	3.30000	1.281328	0.011112	0.76541	5.83459
{3}-{18}	C*120	10*60	4.47500	1.281328	0.000652	1.94041	7.00959
{3}-{19}	C*120	10*120	2.94167	1.143802	0.011223	0.67911	5.20422
{3}-{20}	C*120	10*180	2.37500	1.281328	0.066037	-0.15959	4.90959
{4}-{5}	C*180	0.1*30	1.57500	1.281328	0.221186	-0.95959	4.10959
{4}-{6}	C*180	0.1*60	0.35833	1.281328	0.780178	-2.17626	2.89293
{4}-{7}	C*180	0.1*120	0.10000	1.281328	0.937911	-2.43459	2.63459
{4}-{8}	C*180	0.1*180	-3.56667	1.143802	0.002234	-5.82922	-1.30411
{4}-{9}	C*180	1*30	0.14167	1.281328	0.912131	-2.39293	2.67626
{4}-{10}	C*180	1*60	1.91667	1.281328	0.137081	-0.61793	4.45126
{4}-{11}	C*180	1*120	0.55000	1.281328	0.668447	-1.98459	3.08459
{4}-{12}	C*180	1*180	1.49167	1.143802	0.194459	-0.77089	3.75422
{4}-{13}	C*180	5*30	1.01667	1.281328	0.428941	-1.51793	3.55126
{4}-{14}	C*180	5*60	-0.90000	1.281328	0.483669	-3.43459	1.63459
{4}-{15}	C*180	5*120	0.79167	1.281328	0.537740	-1.74293	3.32626
{4}-{16}	C*180	5*180	-1.31667	1.143802	0.251759	-3.57922	0.94589
{4}-{17}	C*180	10*30	-0.03333	1.281328	0.979285	-2.56793	2.50126
{4}-{18}	C*180	10*60	1.14167	1.281328	0.374549	-1.39293	3.67626

{4}-{19}	C*180	10*120	-0.39167	1.281328	0.760336	-2.92626	2.14293
{4}-{20}	C*180	10*180	-0.95833	1.143802	0.403630	-3.22089	1.30422
{5}-{6}	0.1*30	0.1*60	-1.21667	1.281328	0.344083	-3.75126	1.31793
{5}-{7}	0.1*30	0.1*120	-1.47500	1.281328	0.251752	-4.00959	1.05959
{5}-{8}	0.1*30	0.1*180	-5.14167	1.281328	0.000100	-7.67626	-2.60707
{5}-{9}	0.1*30	1*30	-1.43333	1.143802	0.212374	-3.69589	0.82922
{5}-{10}	0.1*30	1*60	0.34167	1.281328	0.790154	-2.19293	2.87626
{5}-{11}	0.1*30	1*120	-1.02500	1.281328	0.425176	-3.55959	1.50959
{5}-{12}	0.1*30	1*180	-0.08333	1.281328	0.948243	-2.61793	2.45126
{5}-{13}	0.1*30	5*30	-0.55833	1.143802	0.626262	-2.82089	1.70422
{5}-{14}	0.1*30	5*60	-2.47500	1.281328	0.055553	-5.00959	0.05959
{5}-{15}	0.1*30	5*120	-0.78333	1.281328	0.542023	-3.31793	1.75126
{5}-{16}	0.1*30	5*180	-2.89167	1.281328	0.025666	-5.42626	-0.35707
{5}-{17}	0.1*30	10*30	-1.60833	1.143802	0.162036	-3.87089	0.65422
{5}-{18}	0.1*30	10*60	-0.43333	1.281328	0.735757	-2.96793	2.10126
{5}-{19}	0.1*30	10*120	-1.96667	1.281328	0.127210	-4.50126	0.56793
{5}-{20}	0.1*30	10*180	-2.53333	1.281328	0.050112	-5.06793	0.00126
{6}-{7}	0.1*60	0.1*120	-0.25833	1.281328	0.840529	-2.79293	2.27626
{6}-{8}	0.1*60	0.1*180	-3.92500	1.281328	0.002655	-6.45959	-1.39041

{6}-{9}	0.1*60	1*30	-0.21667	1.281328	0.865980	-2.75126	2.31793
{6}-{10}	0.1*60	1*60	1.55833	1.143802	0.175387	-0.70422	3.82089
{6}-{11}	0.1*60	1*120	0.19167	1.281328	0.881321	-2.34293	2.72626
{6}-{12}	0.1*60	1*180	1.13333	1.281328	0.378035	-1.40126	3.66793
{6}-{13}	0.1*60	5*30	0.65833	1.281328	0.608258	-1.87626	3.19293
{6}-{14}	0.1*60	5*60	-1.25833	1.143802	0.273277	-3.52089	1.00422
{6}-{15}	0.1*60	5*120	0.43333	1.281328	0.735757	-2.10126	2.96793
{6}-{16}	0.1*60	5*180	-1.67500	1.281328	0.193404	-4.20959	0.85959
{6}-{17}	0.1*60	10*30	-0.39167	1.281328	0.760336	-2.92626	2.14293
{6}-{18}	0.1*60	10*60	0.78333	1.143802	0.494639	-1.47922	3.04589
{6}-{19}	0.1*60	10*120	-0.75000	1.281328	0.559325	-3.28459	1.78459
{6}-{20}	0.1*60	10*180	-1.31667	1.281328	0.306027	-3.85126	1.21793
{7}-{8}	0.1*120	0.1*180	-3.66667	1.281328	0.004903	-6.20126	-1.13207
{7}-{9}	0.1*120	1*30	0.04167	1.281328	0.974108	-2.49293	2.57626
{7}-{10}	0.1*120	1*60	1.81667	1.281328	0.158605	-0.71793	4.35126
{7}-{11}	0.1*120	1*120	0.45000	1.143802	0.694641	-1.81255	2.71255
{7}-{12}	0.1*120	1*180	1.39167	1.281328	0.279408	-1.14293	3.92626
{7}-{13}	0.1*120	5*30	0.91667	1.281328	0.475623	-1.61793	3.45126
{7}-{14}	0.1*120	5*60	-1.00000	1.281328	0.436529	-3.53459	1.53459

{7}-{15}	0.1*120	5*120	0.69167	1.143802	0.546411	-1.57089	2.95422
{7}-{16}	0.1*120	5*180	-1.41667	1.281328	0.270900	-3.95126	1.11793
{7}-{17}	0.1*120	10*30	-0.13333	1.281328	0.917281	-2.66793	2.40126
{7}-{18}	0.1*120	10*60	1.04167	1.281328	0.417706	-1.49293	3.57626
{7}-{19}	0.1*120	10*120	-0.49167	1.143802	0.668004	-2.75422	1.77089
{7}-{20}	0.1*120	10*180	-1.05833	1.281328	0.410314	-3.59293	1.47626
{8}-{9}	0.1*180	1*30	3.70833	1.281328	0.004450	1.17374	6.24293
{8}-{10}	0.1*180	1*60	5.48333	1.281328	0.000036	2.94874	8.01793
{8}-{11}	0.1*180	1*120	4.11667	1.281328	0.001652	1.58207	6.65126
{8}-{12}	0.1*180	1*180	5.05833	1.143802	0.000020	2.79578	7.32089
{8}-{13}	0.1*180	5*30	4.58333	1.281328	0.000487	2.04874	7.11793
{8}-{14}	0.1*180	5*60	2.66667	1.281328	0.039350	0.13207	5.20126
{8}-{15}	0.1*180	5*120	4.35833	1.281328	0.000887	1.82374	6.89293
{8}-{16}	0.1*180	5*180	2.25000	1.143802	0.051266	-0.01255	4.51255
{8}-{17}	0.1*180	10*30	3.53333	1.281328	0.006649	0.99874	6.06793
{8}-{18}	0.1*180	10*60	4.70833	1.281328	0.000345	2.17374	7.24293
{8}-{19}	0.1*180	10*120	3.17500	1.281328	0.014478	0.64041	5.70959
{8}-{20}	0.1*180	10*180	2.60833	1.143802	0.024187	0.34578	4.87089
{9}-{10}	1*30	1*60	1.77500	1.281328	0.168303	-0.75959	4.30959

{9}-{11}	1*30	1*120	0.40833	1.281328	0.750473	-2.12626	2.94293
{9}-{12}	1*30	1*180	1.35000	1.281328	0.293993	-1.18459	3.88459
{9}-{13}	1*30	5*30	0.87500	1.143802	0.445642	-1.38755	3.13755
{9}-{14}	1*30	5*60	-1.04167	1.281328	0.417706	-3.57626	1.49293
{9}-{15}	1*30	5*120	0.65000	1.281328	0.612800	-1.88459	3.18459
{9}-{16}	1*30	5*180	-1.45833	1.281328	0.257123	-3.99293	1.07626
{9}-{17}	1*30	10*30	-0.17500	1.143802	0.878633	-2.43755	2.08755
{9}-{18}	1*30	10*60	1.00000	1.281328	0.436529	-1.53459	3.53459
{9}-{19}	1*30	10*120	-0.53333	1.281328	0.677914	-3.06793	2.00126
{9}-{20}	1*30	10*180	-1.10000	1.281328	0.392181	-3.63459	1.43459
{10}-{11}	1*60	1*120	-1.36667	1.281328	0.288099	-3.90126	1.16793
{10}-{12}	1*60	1*180	-0.42500	1.281328	0.740652	-2.95959	2.10959
{10}-{13}	1*60	5*30	-0.90000	1.281328	0.483669	-3.43459	1.63459
{10}-{14}	1*60	5*60	-2.81667	1.143802	0.015084	-5.07922	-0.55411
{10}-{15}	1*60	5*120	-1.12500	1.281328	0.381541	-3.65959	1.40959
{10}-{16}	1*60	5*180	-3.23333	1.281328	0.012808	-5.76793	-0.69874
{10}-{17}	1*60	10*30	-1.95000	1.281328	0.130436	-4.48459	0.58459
{10}-{18}	1*60	10*60	-0.77500	1.143802	0.499234	-3.03755	1.48755
{10}-{19}	1*60	10*120	-2.30833	1.281328	0.073904	-4.84293	0.22626



{10}-{20}	1*60	10*180	-2.87500	1.281328	0.026513	-5.40959	-0.34041
{11}-{12}	1*120	1*180	0.94167	1.281328	0.463695	-1.59293	3.47626
{11}-{13}	1*120	5*30	0.46667	1.281328	0.716287	-2.06793	3.00126
{11}-{14}	1*120	5*60	-1.45000	1.281328	0.259838	-3.98459	1.08459
{11}-{15}	1*120	5*120	0.24167	1.143802	0.832992	-2.02089	2.50422
{11}-{16}	1*120	5*180	-1.86667	1.281328	0.147540	-4.40126	0.66793
{11}-{17}	1*120	10*30	-0.58333	1.281328	0.649672	-3.11793	1.95126
{11}-{18}	1*120	10*60	0.59167	1.281328	0.645013	-1.94293	3.12626
{11}-{19}	1*120	10*120	-0.94167	1.143802	0.411835	-3.20422	1.32089
{11}-{20}	1*120	10*180	-1.50833	1.281328	0.241248	-4.04293	1.02626
{12}-{13}	1*180	5*30	-0.47500	1.281328	0.711448	-3.00959	2.05959
{12}-{14}	1*180	5*60	-2.39167	1.281328	0.064183	-4.92626	0.14293
{12}-{15}	1*180	5*120	-0.70000	1.281328	0.585776	-3.23459	1.83459
{12}-{16}	1*180	5*180	-2.80833	1.143802	0.015379	-5.07089	-0.54578
{12}-{17}	1*180	10*30	-1.52500	1.281328	0.236115	-4.05959	1.00959
{12}-{18}	1*180	10*60	-0.35000	1.281328	0.785162	-2.88459	2.18459
{12}-{19}	1*180	10*120	-1.88333	1.281328	0.143987	-4.41793	0.65126
{12}-{20}	1*180	10*180	-2.45000	1.143802	0.034031	-4.71255	-0.18745
{13}-{14}	5*30	5*60	-1.91667	1.281328	0.137081	-4.45126	0.61793

{13}-{15}	5*30	5*120	-0.22500	1.281328	0.860878	-2.75959	2.30959
{13}-{16}	5*30	5*180	-2.33333	1.281328	0.070867	-4.86793	0.20126
{13}-{17}	5*30	10*30	-1.05000	1.143802	0.360298	-3.31255	1.21255
{13}-{18}	5*30	10*60	0.12500	1.281328	0.922434	-2.40959	2.65959
{13}-{19}	5*30	10*120	-1.40833	1.281328	0.273716	-3.94293	1.12626
{13}-{20}	5*30	10*180	-1.97500	1.281328	0.125621	-4.50959	0.55959
{14}-{15}	5*60	5*120	1.69167	1.281328	0.189038	-0.84293	4.22626
{14}-{16}	5*60	5*180	-0.41667	1.281328	0.745557	-2.95126	2.11793
{14}-{17}	5*60	10*30	0.86667	1.281328	0.499982	-1.66793	3.40126
{14}-{18}	5*60	10*60	2.04167	1.143802	0.076561	-0.22089	4.30422
{14}-{19}	5*60	10*120	0.50833	1.281328	0.692212	-2.02626	3.04293
{14}-{20}	5*60	10*180	-0.05833	1.281328	0.963757	-2.59293	2.47626
{15}-{16}	5*120	5*180	-2.10833	1.281328	0.102261	-4.64293	0.42626
{15}-{17}	5*120	10*30	-0.82500	1.281328	0.520781	-3.35959	1.70959
{15}-{18}	5*120	10*60	0.35000	1.281328	0.785162	-2.18459	2.88459
{15}-{19}	5*120	10*120	-1.18333	1.143802	0.302766	-3.44589	1.07922
{15}-{20}	5*120	10*180	-1.75000	1.281328	0.174334	-4.28459	0.78459
{16}-{17}	5*180	10*30	1.28333	1.281328	0.318386	-1.25126	3.81793
{16}-{18}	5*180	10*60	2.45833	1.281328	0.057196	-0.07626	4.99293

{16}-{19}	5*180	10*120	0.92500	1.281328	0.471628	-1.60959	3.45959
{16}-{20}	5*180	10*180	0.35833	1.143802	0.754560	-1.90422	2.62089
{17}-{18}	10*30	10*60	1.17500	1.281328	0.360806	-1.35959	3.70959
{17}-{19}	10*30	10*120	-0.35833	1.281328	0.780178	-2.89293	2.17626
{17}-{20}	10*30	10*180	-0.92500	1.281328	0.471628	-3.45959	1.60959
{18}-{19}	10*60	10*120	-1.53333	1.281328	0.233578	-4.06793	1.00126
{18}-{20}	10*60	10*180	-2.10000	1.281328	0.103610	-4.63459	0.43459
{19}-{20}	10*120	10*180	-0.56667	1.281328	0.659032	-3.10126	1.96793

**p. Rapid Head Cells**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.0965, p=.02112

Type V decomposition

Cell No.	Concentration	Time Point	Rapid-Head - Mean	Rapid-Head - Std.Err.	Rapid-Head - -95.00%	Rapid-Head - +95.00%	N
1	C	30	8.30833	1.079943	6.172100	10.44457	12
2	C	60	9.60500	1.079943	7.468767	11.74123	12

<b>3</b>	C	120	10.62500	1.079943	8.488767	12.76123	12
<b>4</b>	C	180	11.19167	1.079943	9.055434	13.32790	12
<b>5</b>	0.1	30	9.96667	1.079943	7.830434	12.10290	12
<b>6</b>	0.1	60	8.35833	1.079943	6.222100	10.49457	12
<b>7</b>	0.1	120	10.40833	1.079943	8.272100	12.54457	12
<b>8</b>	0.1	180	10.26667	1.079943	8.130434	12.40290	12
<b>9</b>	1	30	9.04167	1.079943	6.905434	11.17790	12
<b>10</b>	1	60	8.30000	1.079943	6.163767	10.43623	12
<b>11</b>	1	120	10.93333	1.079943	8.797100	13.06957	12
<b>12</b>	1	180	8.55000	1.079943	6.413767	10.68623	12
<b>13</b>	5	30	9.29167	1.079943	7.155434	11.42790	12
<b>14</b>	5	60	9.97500	1.079943	7.838767	12.11123	12
<b>15</b>	5	120	7.59167	1.079943	5.455434	9.72790	12

<b>16</b>	5	180	8.32500	1.079943	6.188767	10.46123	12
<b>17</b>	10	30	10.27500	1.079943	8.138767	12.41123	12
<b>18</b>	10	60	8.85000	1.079943	6.713767	10.98623	12
<b>19</b>	10	120	9.46667	1.079943	7.330434	11.60290	12
<b>20</b>	10	180	9.50000	1.079943	7.363767	11.63623	12

LSD test; variable Rapid-Head (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b> <b>Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
{1}-{2}	C*30	C*60	-1.29667	1.105189	0.242807	-3.48284	0.889506
{1}-{3}	C*30	C*120	-2.31667	1.105189	0.037976	-4.50284	-0.130494
{1}-{4}	C*30	C*180	-2.88333	1.105189	0.010131	-5.06951	-0.697161
{1}-{5}	C*30	0.1*30	-1.65833	1.131823	0.145247	-3.89719	0.580524
{1}-{6}	C*30	0.1*60	-0.05000	1.164244	0.965809	-2.35299	2.252990

{1}-{7}	C*30	0.1*120	-2.10000	1.164244	0.073552	-4.40299	0.202990
{1}-{8}	C*30	0.1*180	-1.95833	1.164244	0.094921	-4.26132	0.344657
{1}-{9}	C*30	1*30	-0.73333	1.131823	0.518161	-2.97219	1.505524
{1}-{10}	C*30	1*60	0.00833	1.164244	0.994300	-2.29466	2.311324
{1}-{11}	C*30	1*120	-2.62500	1.164244	0.025800	-4.92799	-0.322010
{1}-{12}	C*30	1*180	-0.24167	1.164244	0.835882	-2.54466	2.061324
{1}-{13}	C*30	5*30	-0.98333	1.131823	0.386531	-3.22219	1.255524
{1}-{14}	C*30	5*60	-1.66667	1.164244	0.154638	-3.96966	0.636324
{1}-{15}	C*30	5*120	0.71667	1.164244	0.539242	-1.58632	3.019657
{1}-{16}	C*30	5*180	-0.01667	1.164244	0.988600	-2.31966	2.286324
{1}-{17}	C*30	10*30	-1.96667	1.131823	0.084612	-4.20552	0.272191
{1}-{18}	C*30	10*60	-0.54167	1.164244	0.642518	-2.84466	1.761324
{1}-{19}	C*30	10*120	-1.15833	1.164244	0.321594	-3.46132	1.144657
{1}-{20}	C*30	10*180	-1.19167	1.164244	0.307918	-3.49466	1.111324
{2}-{3}	C*60	C*120	-1.02000	1.105189	0.357733	-3.20617	1.166172
{2}-{4}	C*60	C*180	-1.58667	1.105189	0.153467	-3.77284	0.599506
{2}-{5}	C*60	0.1*30	-0.36167	1.164244	0.756560	-2.66466	1.941324
{2}-{6}	C*60	0.1*60	1.24667	1.131823	0.272697	-0.99219	3.485524
{2}-{7}	C*60	0.1*120	-0.80333	1.164244	0.491403	-3.10632	1.499657

{2}-{8}	C*60	0.1*180	-0.66167	1.164244	0.570781	-2.96466	1.641324
{2}-{9}	C*60	1*30	0.56333	1.164244	0.629286	-1.73966	2.866324
{2}-{10}	C*60	1*60	1.30500	1.131823	0.250991	-0.93386	3.543857
{2}-{11}	C*60	1*120	-1.32833	1.164244	0.255960	-3.63132	0.974657
{2}-{12}	C*60	1*180	1.05500	1.164244	0.366498	-1.24799	3.357990
{2}-{13}	C*60	5*30	0.31333	1.164244	0.788250	-1.98966	2.616324
{2}-{14}	C*60	5*60	-0.37000	1.131823	0.744257	-2.60886	1.868857
{2}-{15}	C*60	5*120	2.01333	1.164244	0.086092	-0.28966	4.316324
{2}-{16}	C*60	5*180	1.28000	1.164244	0.273584	-1.02299	3.582990
{2}-{17}	C*60	10*30	-0.67000	1.164244	0.565946	-2.97299	1.632990
{2}-{18}	C*60	10*60	0.75500	1.131823	0.505895	-1.48386	2.993857
{2}-{19}	C*60	10*120	0.13833	1.164244	0.905600	-2.16466	2.441324
{2}-{20}	C*60	10*180	0.10500	1.164244	0.928275	-2.19799	2.407990
{3}-{4}	C*120	C*180	-0.56667	1.105189	0.608995	-2.75284	1.619506
{3}-{5}	C*120	0.1*30	0.65833	1.164244	0.572721	-1.64466	2.961324
{3}-{6}	C*120	0.1*60	2.26667	1.164244	0.053670	-0.03632	4.569657
{3}-{7}	C*120	0.1*120	0.21667	1.131823	0.848482	-2.02219	2.455524
{3}-{8}	C*120	0.1*180	0.35833	1.164244	0.758733	-1.94466	2.661324
{3}-{9}	C*120	1*30	1.58333	1.164244	0.176159	-0.71966	3.886324

{3}-{10}	C*120	1*60	2.32500	1.164244	0.047881	0.02201	4.627990
{3}-{11}	C*120	1*120	-0.30833	1.131823	0.785723	-2.54719	1.930524
{3}-{12}	C*120	1*180	2.07500	1.164244	0.077004	-0.22799	4.377990
{3}-{13}	C*120	5*30	1.33333	1.164244	0.254184	-0.96966	3.636324
{3}-{14}	C*120	5*60	0.65000	1.164244	0.577584	-1.65299	2.952990
{3}-{15}	C*120	5*120	3.03333	1.131823	0.008299	0.79448	5.272191
{3}-{16}	C*120	5*180	2.30000	1.164244	0.050294	-0.00299	4.602990
{3}-{17}	C*120	10*30	0.35000	1.164244	0.764174	-1.95299	2.652990
{3}-{18}	C*120	10*60	1.77500	1.164244	0.129753	-0.52799	4.077990
{3}-{19}	C*120	10*120	1.15833	1.131823	0.307980	-1.08052	3.397191
{3}-{20}	C*120	10*180	1.12500	1.164244	0.335665	-1.17799	3.427990
{4}-{5}	C*180	0.1*30	1.22500	1.164244	0.294637	-1.07799	3.527990
{4}-{6}	C*180	0.1*60	2.83333	1.164244	0.016286	0.53034	5.136324
{4}-{7}	C*180	0.1*120	0.78333	1.164244	0.502234	-1.51966	3.086324
{4}-{8}	C*180	0.1*180	0.92500	1.131823	0.415249	-1.31386	3.163857
{4}-{9}	C*180	1*30	2.15000	1.164244	0.067031	-0.15299	4.452990
{4}-{10}	C*180	1*60	2.89167	1.164244	0.014254	0.58868	5.194657
{4}-{11}	C*180	1*120	0.25833	1.164244	0.824743	-2.04466	2.561324
{4}-{12}	C*180	1*180	2.64167	1.131823	0.021106	0.40281	4.880524



{4}-{13}	C*180	5*30	1.90000	1.164244	0.105071	-0.40299	4.202990
{4}-{14}	C*180	5*60	1.21667	1.164244	0.297920	-1.08632	3.519657
{4}-{15}	C*180	5*120	3.60000	1.164244	0.002425	1.29701	5.902990
{4}-{16}	C*180	5*180	2.86667	1.131823	0.012487	0.62781	5.105524
{4}-{17}	C*180	10*30	0.91667	1.164244	0.432489	-1.38632	3.219657
{4}-{18}	C*180	10*60	2.34167	1.164244	0.046328	0.03868	4.644657
{4}-{19}	C*180	10*120	1.72500	1.164244	0.140817	-0.57799	4.027990
{4}-{20}	C*180	10*180	1.69167	1.131823	0.137395	-0.54719	3.930524
{5}-{6}	0.1*30	0.1*60	1.60833	1.105189	0.147972	-0.57784	3.794506
{5}-{7}	0.1*30	0.1*120	-0.44167	1.105189	0.690075	-2.62784	1.744506
{5}-{8}	0.1*30	0.1*180	-0.30000	1.105189	0.786471	-2.48617	1.886172
{5}-{9}	0.1*30	1*30	0.92500	1.131823	0.415249	-1.31386	3.163857
{5}-{10}	0.1*30	1*60	1.66667	1.164244	0.154638	-0.63632	3.969657
{5}-{11}	0.1*30	1*120	-0.96667	1.164244	0.407871	-3.26966	1.336324
{5}-{12}	0.1*30	1*180	1.41667	1.164244	0.225847	-0.88632	3.719657
{5}-{13}	0.1*30	5*30	0.67500	1.131823	0.551941	-1.56386	2.913857
{5}-{14}	0.1*30	5*60	-0.00833	1.164244	0.994300	-2.31132	2.294657
{5}-{15}	0.1*30	5*120	2.37500	1.164244	0.043350	0.07201	4.677990
{5}-{16}	0.1*30	5*180	1.64167	1.164244	0.160871	-0.66132	3.944657

{5}-{17}	0.1*30	10*30	-0.30833	1.131823	0.785723	-2.54719	1.930524
{5}-{18}	0.1*30	10*60	1.11667	1.164244	0.339245	-1.18632	3.419657
{5}-{19}	0.1*30	10*120	0.50000	1.164244	0.668286	-1.80299	2.802990
{5}-{20}	0.1*30	10*180	0.46667	1.164244	0.689192	-1.83632	2.769657
{6}-{7}	0.1*60	0.1*120	-2.05000	1.105189	0.065843	-4.23617	0.136172
{6}-{8}	0.1*60	0.1*180	-1.90833	1.105189	0.086560	-4.09451	0.277839
{6}-{9}	0.1*60	1*30	-0.68333	1.164244	0.558251	-2.98632	1.619657
{6}-{10}	0.1*60	1*60	0.05833	1.131823	0.958974	-2.18052	2.297191
{6}-{11}	0.1*60	1*120	-2.57500	1.164244	0.028705	-4.87799	-0.272010
{6}-{12}	0.1*60	1*180	-0.19167	1.164244	0.869489	-2.49466	2.111324
{6}-{13}	0.1*60	5*30	-0.93333	1.164244	0.424188	-3.23632	1.369657
{6}-{14}	0.1*60	5*60	-1.61667	1.131823	0.155546	-3.85552	0.622191
{6}-{15}	0.1*60	5*120	0.76667	1.164244	0.511357	-1.53632	3.069657
{6}-{16}	0.1*60	5*180	0.03333	1.164244	0.977202	-2.26966	2.336324
{6}-{17}	0.1*60	10*30	-1.91667	1.164244	0.102086	-4.21966	0.386324
{6}-{18}	0.1*60	10*60	-0.49167	1.131823	0.664705	-2.73052	1.747191
{6}-{19}	0.1*60	10*120	-1.10833	1.164244	0.342849	-3.41132	1.194657
{6}-{20}	0.1*60	10*180	-1.14167	1.164244	0.328580	-3.44466	1.161324
{7}-{8}	0.1*120	0.1*180	0.14167	1.105189	0.898199	-2.04451	2.327839

{7}-{9}	0.1*120	1*30	1.36667	1.164244	0.242562	-0.93632	3.669657
{7}-{10}	0.1*120	1*60	2.10833	1.164244	0.072430	-0.19466	4.411324
{7}-{11}	0.1*120	1*120	-0.52500	1.131823	0.643517	-2.76386	1.713857
{7}-{12}	0.1*120	1*180	1.85833	1.164244	0.112842	-0.44466	4.161324
{7}-{13}	0.1*120	5*30	1.11667	1.164244	0.339245	-1.18632	3.419657
{7}-{14}	0.1*120	5*60	0.43333	1.164244	0.710340	-1.86966	2.736324
{7}-{15}	0.1*120	5*120	2.81667	1.131823	0.014069	0.57781	5.055524
{7}-{16}	0.1*120	5*180	2.08333	1.164244	0.075839	-0.21966	4.386324
{7}-{17}	0.1*120	10*30	0.13333	1.164244	0.908997	-2.16966	2.436324
{7}-{18}	0.1*120	10*60	1.55833	1.164244	0.183037	-0.74466	3.861324
{7}-{19}	0.1*120	10*120	0.94167	1.131823	0.406917	-1.29719	3.180524
{7}-{20}	0.1*120	10*180	0.90833	1.164244	0.436675	-1.39466	3.211324
{8}-{9}	0.1*180	1*30	1.22500	1.164244	0.294637	-1.07799	3.527990
{8}-{10}	0.1*180	1*60	1.96667	1.164244	0.093538	-0.33632	4.269657
{8}-{11}	0.1*180	1*120	-0.66667	1.164244	0.567878	-2.96966	1.636324
{8}-{12}	0.1*180	1*180	1.71667	1.131823	0.131727	-0.52219	3.955524
{8}-{13}	0.1*180	5*30	0.97500	1.164244	0.403852	-1.32799	3.277990
{8}-{14}	0.1*180	5*60	0.29167	1.164244	0.802575	-2.01132	2.594657
{8}-{15}	0.1*180	5*120	2.67500	1.164244	0.023156	0.37201	4.977990

{8}-{16}	0.1*180	5*180	1.94167	1.131823	0.088596	-0.29719	4.180524
{8}-{17}	0.1*180	10*30	-0.00833	1.164244	0.994300	-2.31132	2.294657
{8}-{18}	0.1*180	10*60	1.41667	1.164244	0.225847	-0.88632	3.719657
{8}-{19}	0.1*180	10*120	0.80000	1.164244	0.493199	-1.50299	3.102990
{8}-{20}	0.1*180	10*180	0.76667	1.131823	0.499355	-1.47219	3.005524
{9}-{10}	1*30	1*60	0.74167	1.105189	0.503344	-1.44451	2.927839
{9}-{11}	1*30	1*120	-1.89167	1.105189	0.089315	-4.07784	0.294506
{9}-{12}	1*30	1*180	0.49167	1.105189	0.657141	-1.69451	2.677839
{9}-{13}	1*30	5*30	-0.25000	1.131823	0.825525	-2.48886	1.988857
{9}-{14}	1*30	5*60	-0.93333	1.164244	0.424188	-3.23632	1.369657
{9}-{15}	1*30	5*120	1.45000	1.164244	0.215175	-0.85299	3.752990
{9}-{16}	1*30	5*180	0.71667	1.164244	0.539242	-1.58632	3.019657
{9}-{17}	1*30	10*30	-1.23333	1.131823	0.277836	-3.47219	1.005524
{9}-{18}	1*30	10*60	0.19167	1.164244	0.869489	-2.11132	2.494657
{9}-{19}	1*30	10*120	-0.42500	1.164244	0.715663	-2.72799	1.877990
{9}-{20}	1*30	10*180	-0.45833	1.164244	0.694457	-2.76132	1.844657
{10}-{11}	1*60	1*120	-2.63333	1.105189	0.018612	-4.81951	-0.447161
{10}-{12}	1*60	1*180	-0.25000	1.105189	0.821391	-2.43617	1.936172
{10}-{13}	1*60	5*30	-0.99167	1.164244	0.395885	-3.29466	1.311324

{10}-{14}	1*60	5*60	-1.67500	1.131823	0.141279	-3.91386	0.563857
{10}-{15}	1*60	5*120	0.70833	1.164244	0.543964	-1.59466	3.011324
{10}-{16}	1*60	5*180	-0.02500	1.164244	0.982901	-2.32799	2.277990
{10}-{17}	1*60	10*30	-1.97500	1.164244	0.092171	-4.27799	0.327990
{10}-{18}	1*60	10*60	-0.55000	1.131823	0.627814	-2.78886	1.688857
{10}-{19}	1*60	10*120	-1.16667	1.164244	0.318138	-3.46966	1.136324
{10}-{20}	1*60	10*180	-1.20000	1.164244	0.304561	-3.50299	1.102990
{11}-{12}	1*120	1*180	2.38333	1.105189	0.032857	0.19716	4.569506
{11}-{13}	1*120	5*30	1.64167	1.164244	0.160871	-0.66132	3.944657
{11}-{14}	1*120	5*60	0.95833	1.164244	0.411914	-1.34466	3.261324
{11}-{15}	1*120	5*120	3.34167	1.131823	0.003733	1.10281	5.580524
{11}-{16}	1*120	5*180	2.60833	1.164244	0.026739	0.30534	4.911324
{11}-{17}	1*120	10*30	0.65833	1.164244	0.572721	-1.64466	2.961324
{11}-{18}	1*120	10*60	2.08333	1.164244	0.075839	-0.21966	4.386324
{11}-{19}	1*120	10*120	1.46667	1.131823	0.197290	-0.77219	3.705524
{11}-{20}	1*120	10*180	1.43333	1.164244	0.220464	-0.86966	3.736324
{12}-{13}	1*180	5*30	-0.74167	1.164244	0.525204	-3.04466	1.561324
{12}-{14}	1*180	5*60	-1.42500	1.164244	0.223144	-3.72799	0.877990
{12}-{15}	1*180	5*120	0.95833	1.164244	0.411914	-1.34466	3.261324

{12}-{16}	1*180	5*180	0.22500	1.131823	0.842729	-2.01386	2.463857
{12}-{17}	1*180	10*30	-1.72500	1.164244	0.140817	-4.02799	0.577990
{12}-{18}	1*180	10*60	-0.30000	1.164244	0.797057	-2.60299	2.002990
{12}-{19}	1*180	10*120	-0.91667	1.164244	0.432489	-3.21966	1.386324
{12}-{20}	1*180	10*180	-0.95000	1.131823	0.402788	-3.18886	1.288857
{13}-{14}	5*30	5*60	-0.68333	1.105189	0.537446	-2.86951	1.502839
{13}-{15}	5*30	5*120	1.70000	1.105189	0.126394	-0.48617	3.886172
{13}-{16}	5*30	5*180	0.96667	1.105189	0.383346	-1.21951	3.152839
{13}-{17}	5*30	10*30	-0.98333	1.131823	0.386531	-3.22219	1.255524
{13}-{18}	5*30	10*60	0.44167	1.164244	0.705031	-1.86132	2.744657
{13}-{19}	5*30	10*120	-0.17500	1.164244	0.880748	-2.47799	2.127990
{13}-{20}	5*30	10*180	-0.20833	1.164244	0.858257	-2.51132	2.094657
{14}-{15}	5*60	5*120	2.38333	1.105189	0.032857	0.19716	4.569506
{14}-{16}	5*60	5*180	1.65000	1.105189	0.137835	-0.53617	3.836172
{14}-{17}	5*60	10*30	-0.30000	1.164244	0.797057	-2.60299	2.002990
{14}-{18}	5*60	10*60	1.12500	1.131823	0.322055	-1.11386	3.363857
{14}-{19}	5*60	10*120	0.50833	1.164244	0.663100	-1.79466	2.811324
{14}-{20}	5*60	10*180	0.47500	1.164244	0.683942	-1.82799	2.777990
{15}-{16}	5*120	5*180	-0.73333	1.105189	0.508144	-2.91951	1.452839

{15}-{17}	5*120	10*30	-2.68333	1.164244	0.022739	-4.98632	-0.380343
{15}-{18}	5*120	10*60	-1.25833	1.164244	0.281750	-3.56132	1.044657
{15}-{19}	5*120	10*120	-1.87500	1.131823	0.099972	-4.11386	0.363857
{15}-{20}	5*120	10*180	-1.90833	1.164244	0.103570	-4.21132	0.394657
{16}-{17}	5*180	10*30	-1.95000	1.164244	0.096320	-4.25299	0.352990
{16}-{18}	5*180	10*60	-0.52500	1.164244	0.652775	-2.82799	1.777990
{16}-{19}	5*180	10*120	-1.14167	1.164244	0.328580	-3.44466	1.161324
{16}-{20}	5*180	10*180	-1.17500	1.131823	0.301099	-3.41386	1.063857
{17}-{18}	10*30	10*60	1.42500	1.105189	0.199523	-0.76117	3.611172
{17}-{19}	10*30	10*120	0.80833	1.105189	0.465832	-1.37784	2.994506
{17}-{20}	10*30	10*180	0.77500	1.105189	0.484389	-1.41117	2.961172
{18}-{19}	10*60	10*120	-0.61667	1.105189	0.577807	-2.80284	1.569506
{18}-{20}	10*60	10*180	-0.65000	1.105189	0.557447	-2.83617	1.536172
{19}-{20}	10*120	10*180	-0.03333	1.105189	0.975984	-2.21951	2.152839

**q. VCL ( $\mu\text{m/s}$ )**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.7967, p=.00197$

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>VCL-Vel - Mean</b>	<b>VCL-Vel - Std.Err.</b>	<b>VCL-Vel - -95.00%</b>	<b>VCL-Vel - +95.00%</b>	<b>N</b>
1	C	30	51.90833	4.515187	42.97685	60.83982	12
2	C	60	59.55833	4.515187	50.62685	68.48982	12
3	C	120	59.98333	4.515187	51.05185	68.91482	12
4	C	180	49.54167	4.515187	40.61018	58.47315	12
5	0.1	30	55.20000	4.515187	46.26851	64.13149	12
6	0.1	60	57.94167	4.515187	49.01018	66.87315	12
7	0.1	120	50.70833	4.515187	41.77685	59.63982	12
8	0.1	180	44.46667	4.515187	35.53518	53.39815	12
9	1	30	51.72500	4.515187	42.79351	60.65649	12
10	1	60	56.55833	4.515187	47.62685	65.48982	12
11	1	120	41.43333	4.515187	32.50185	50.36482	12



<b>12</b>	1	180	38.13333	4.515187	29.20185	47.06482	12
<b>13</b>	5	30	51.65000	4.515187	42.71851	60.58149	12
<b>14</b>	5	60	55.55000	4.515187	46.61851	64.48149	12
<b>15</b>	5	120	36.46667	4.515187	27.53518	45.39815	12
<b>16</b>	5	180	42.41667	4.515187	33.48518	51.34815	12
<b>17</b>	10	30	52.86667	4.515187	43.93518	61.79815	12
<b>18</b>	10	60	53.30000	4.515187	44.36851	62.23149	12
<b>19</b>	10	120	38.22500	4.515187	29.29351	47.15649	12
<b>20</b>	10	180	43.51667	4.515187	34.58518	52.44815	12

LSD test; variable VCL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-7.6500	5.282558	0.149943	-18.0994	2.79942
{1}-{3}	C*30	C*120	-8.0750	5.282558	0.128753	-18.5244	2.37442
{1}-{4}	C*30	C*180	2.3667	5.282558	0.654877	-8.0828	12.81609
{1}-{5}	C*30	0.1*30	-3.2917	3.901288	0.400342	-11.0088	4.42547
{1}-{6}	C*30	0.1*60	-6.0333	5.361506	0.262501	-16.6389	4.57226
{1}-{7}	C*30	0.1*120	1.2000	5.361506	0.823245	-9.4056	11.80559
{1}-{8}	C*30	0.1*180	7.4417	5.361506	0.167481	-3.1639	18.04726
{1}-{9}	C*30	1*30	0.1833	3.901288	0.962590	-7.5338	7.90047
{1}-{10}	C*30	1*60	-4.6500	5.361506	0.387355	-15.2556	5.95559
{1}-{11}	C*30	1*120	10.4750	5.361506	0.052846	-0.1306	21.08059
{1}-{12}	C*30	1*180	13.7750	5.361506	0.011303	3.1694	24.38059
{1}-{13}	C*30	5*30	0.2583	3.901288	0.947305	-7.4588	7.97547
{1}-{14}	C*30	5*60	-3.6417	5.361506	0.498185	-14.2473	6.96392
{1}-{15}	C*30	5*120	15.4417	5.361506	0.004640	4.8361	26.04726
{1}-{16}	C*30	5*180	9.4917	5.361506	0.078980	-1.1139	20.09726
{1}-{17}	C*30	10*30	-0.9583	3.901288	0.806338	-8.6755	6.75880
{1}-{18}	C*30	10*60	-1.3917	5.361506	0.795603	-11.9973	9.21392
{1}-{19}	C*30	10*120	13.6833	5.361506	0.011845	3.0777	24.28892

{1}-{20}	C*30	10*180	8.3917	5.361506	0.119937	-2.2139	18.99726
{2}-{3}	C*60	C*120	-0.4250	5.282558	0.935998	-10.8744	10.02442
{2}-{4}	C*60	C*180	10.0167	5.282558	0.060122	-0.4328	20.46609
{2}-{5}	C*60	0.1*30	4.3583	5.361506	0.417743	-6.2473	14.96392
{2}-{6}	C*60	0.1*60	1.6167	3.901288	0.679259	-6.1005	9.33380
{2}-{7}	C*60	0.1*120	8.8500	5.361506	0.101186	-1.7556	19.45559
{2}-{8}	C*60	0.1*180	15.0917	5.361506	0.005628	4.4861	25.69726
{2}-{9}	C*60	1*30	7.8333	5.361506	0.146383	-2.7723	18.43892
{2}-{10}	C*60	1*60	3.0000	3.901288	0.443281	-4.7171	10.71713
{2}-{11}	C*60	1*120	18.1250	5.361506	0.000952	7.5194	28.73059
{2}-{12}	C*60	1*180	21.4250	5.361506	0.000107	10.8194	32.03059
{2}-{13}	C*60	5*30	7.9083	5.361506	0.142588	-2.6973	18.51392
{2}-{14}	C*60	5*60	4.0083	3.901288	0.306093	-3.7088	11.72547
{2}-{15}	C*60	5*120	23.0917	5.361506	0.000032	12.4861	33.69726
{2}-{16}	C*60	5*180	17.1417	5.361506	0.001737	6.5361	27.74726
{2}-{17}	C*60	10*30	6.6917	5.361506	0.214206	-3.9139	17.29726
{2}-{18}	C*60	10*60	6.2583	3.901288	0.111066	-1.4588	13.97547
{2}-{19}	C*60	10*120	21.3333	5.361506	0.000114	10.7277	31.93892
{2}-{20}	C*60	10*180	16.0417	5.361506	0.003308	5.4361	26.64726

{3}-{4}	C*120	C*180	10.4417	5.282558	0.050168	-0.0078	20.89109
{3}-{5}	C*120	0.1*30	4.7833	5.361506	0.373929	-5.8223	15.38892
{3}-{6}	C*120	0.1*60	2.0417	5.361506	0.703963	-8.5639	12.64726
{3}-{7}	C*120	0.1*120	9.2750	3.901288	0.018869	1.5579	16.99213
{3}-{8}	C*120	0.1*180	15.5167	5.361506	0.004451	4.9111	26.12226
{3}-{9}	C*120	1*30	8.2583	5.361506	0.125881	-2.3473	18.86392
{3}-{10}	C*120	1*60	3.4250	5.361506	0.524051	-7.1806	14.03059
{3}-{11}	C*120	1*120	18.5500	3.901288	0.000005	10.8329	26.26713
{3}-{12}	C*120	1*180	21.8500	5.361506	0.000079	11.2444	32.45559
{3}-{13}	C*120	5*30	8.3333	5.361506	0.122510	-2.2723	18.93892
{3}-{14}	C*120	5*60	4.4333	5.361506	0.409796	-6.1723	15.03892
{3}-{15}	C*120	5*120	23.5167	3.901288	0.000000	15.7995	31.23380
{3}-{16}	C*120	5*180	17.5667	5.361506	0.001343	6.9611	28.17226
{3}-{17}	C*120	10*30	7.1167	5.361506	0.186680	-3.4889	17.72226
{3}-{18}	C*120	10*60	6.6833	5.361506	0.214774	-3.9223	17.28892
{3}-{19}	C*120	10*120	21.7583	3.901288	0.000000	14.0412	29.47547
{3}-{20}	C*120	10*180	16.4667	5.361506	0.002589	5.8611	27.07226
{4}-{5}	C*180	0.1*30	-5.6583	5.361506	0.293187	-16.2639	4.94726
{4}-{6}	C*180	0.1*60	-8.4000	5.361506	0.119573	-19.0056	2.20559

{4}-{7}	C*180	0.1*120	-1.1667	5.361506	0.828076	-11.7723	9.43892
{4}-{8}	C*180	0.1*180	5.0750	3.901288	0.195575	-2.6421	12.79213
{4}-{9}	C*180	1*30	-2.1833	5.361506	0.684503	-12.7889	8.42226
{4}-{10}	C*180	1*60	-7.0167	5.361506	0.192906	-17.6223	3.58892
{4}-{11}	C*180	1*120	8.1083	5.361506	0.132842	-2.4973	18.71392
{4}-{12}	C*180	1*180	11.4083	3.901288	0.004065	3.6912	19.12547
{4}-{13}	C*180	5*30	-2.1083	5.361506	0.694780	-12.7139	8.49726
{4}-{14}	C*180	5*60	-6.0083	5.361506	0.264475	-16.6139	4.59726
{4}-{15}	C*180	5*120	13.0750	5.361506	0.016070	2.4694	23.68059
{4}-{16}	C*180	5*180	7.1250	3.901288	0.070062	-0.5921	14.84213
{4}-{17}	C*180	10*30	-3.3250	5.361506	0.536221	-13.9306	7.28059
{4}-{18}	C*180	10*60	-3.7583	5.361506	0.484546	-14.3639	6.84726
{4}-{19}	C*180	10*120	11.3167	5.361506	0.036682	0.7111	21.92226
{4}-{20}	C*180	10*180	6.0250	3.901288	0.124895	-1.6921	13.74213
{5}-{6}	0.1*30	0.1*60	-2.7417	5.282558	0.604627	-13.1911	7.70775
{5}-{7}	0.1*30	0.1*120	4.4917	5.282558	0.396708	-5.9578	14.94109
{5}-{8}	0.1*30	0.1*180	10.7333	5.282558	0.044176	0.2839	21.18275
{5}-{9}	0.1*30	1*30	3.4750	3.901288	0.374694	-4.2421	11.19213
{5}-{10}	0.1*30	1*60	-1.3583	5.361506	0.800393	-11.9639	9.24726

{5}-{11}	0.1*30	1*120	13.7667	5.361506	0.011352	3.1611	24.37226
{5}-{12}	0.1*30	1*180	17.0667	5.361506	0.001817	6.4611	27.67226
{5}-{13}	0.1*30	5*30	3.5500	3.901288	0.364504	-4.1671	11.26713
{5}-{14}	0.1*30	5*60	-0.3500	5.361506	0.948050	-10.9556	10.25559
{5}-{15}	0.1*30	5*120	18.7333	5.361506	0.000648	8.1277	29.33892
{5}-{16}	0.1*30	5*180	12.7833	5.361506	0.018535	2.1777	23.38892
{5}-{17}	0.1*30	10*30	2.3333	3.901288	0.550803	-5.3838	10.05047
{5}-{18}	0.1*30	10*60	1.9000	5.361506	0.723621	-8.7056	12.50559
{5}-{19}	0.1*30	10*120	16.9750	5.361506	0.001919	6.3694	27.58059
{5}-{20}	0.1*30	10*180	11.6833	5.361506	0.031098	1.0777	22.28892
{6}-{7}	0.1*60	0.1*120	7.2333	5.282558	0.173235	-3.2161	17.68275
{6}-{8}	0.1*60	0.1*180	13.4750	5.282558	0.011887	3.0256	23.92442
{6}-{9}	0.1*60	1*30	6.2167	5.361506	0.248346	-4.3889	16.82226
{6}-{10}	0.1*60	1*60	1.3833	3.901288	0.723467	-6.3338	9.10047
{6}-{11}	0.1*60	1*120	16.5083	5.361506	0.002527	5.9027	27.11392
{6}-{12}	0.1*60	1*180	19.8083	5.361506	0.000322	9.2027	30.41392
{6}-{13}	0.1*60	5*30	6.2917	5.361506	0.242713	-4.3139	16.89726
{6}-{14}	0.1*60	5*60	2.3917	3.901288	0.540901	-5.3255	10.10880
{6}-{15}	0.1*60	5*120	21.4750	5.361506	0.000103	10.8694	32.08059

{6}--{16}	0.1*60	5*180	15.5250	5.361506	0.004430	4.9194	26.13059
{6}--{17}	0.1*60	10*30	5.0750	5.361506	0.345591	-5.5306	15.68059
{6}--{18}	0.1*60	10*60	4.6417	3.901288	0.236269	-3.0755	12.35880
{6}--{19}	0.1*60	10*120	19.7167	5.361506	0.000342	9.1111	30.32226
{6}--{20}	0.1*60	10*180	14.4250	5.361506	0.008058	3.8194	25.03059
{7}--{8}	0.1*120	0.1*180	6.2417	5.282558	0.239504	-4.2078	16.69109
{7}--{9}	0.1*120	1*30	-1.0167	5.361506	0.849896	-11.6223	9.58892
{7}--{10}	0.1*120	1*60	-5.8500	5.361506	0.277212	-16.4556	4.75559
{7}--{11}	0.1*120	1*120	9.2750	3.901288	0.018869	1.5579	16.99213
{7}--{12}	0.1*120	1*180	12.5750	5.361506	0.020496	1.9694	23.18059
{7}--{13}	0.1*120	5*30	-0.9417	5.361506	0.860850	-11.5473	9.66392
{7}--{14}	0.1*120	5*60	-4.8417	5.361506	0.368148	-15.4473	5.76392
{7}--{15}	0.1*120	5*120	14.2417	3.901288	0.000376	6.5245	21.95880
{7}--{16}	0.1*120	5*180	8.2917	5.361506	0.124374	-2.3139	18.89726
{7}--{17}	0.1*120	10*30	-2.1583	5.361506	0.687922	-12.7639	8.44726
{7}--{18}	0.1*120	10*60	-2.5917	5.361506	0.629624	-13.1973	8.01392
{7}--{19}	0.1*120	10*120	12.4833	3.901288	0.001723	4.7662	20.20047
{7}--{20}	0.1*120	10*180	7.1917	5.361506	0.182109	-3.4139	17.79726
{8}--{9}	0.1*180	1*30	-7.2583	5.361506	0.178118	-17.8639	3.34726

{8}-{10}	0.1*180	1*60	-12.0917	5.361506	0.025762	-22.6973	-1.48608
{8}-{11}	0.1*180	1*120	3.0333	5.361506	0.572516	-7.5723	13.63892
{8}-{12}	0.1*180	1*180	6.3333	3.901288	0.106891	-1.3838	14.05047
{8}-{13}	0.1*180	5*30	-7.1833	5.361506	0.182613	-17.7889	3.42226
{8}-{14}	0.1*180	5*60	-11.0833	5.361506	0.040669	-21.6889	-0.47774
{8}-{15}	0.1*180	5*120	8.0000	5.361506	0.138054	-2.6056	18.60559
{8}-{16}	0.1*180	5*180	2.0500	3.901288	0.600140	-5.6671	9.76713
{8}-{17}	0.1*180	10*30	-8.4000	5.361506	0.119573	-19.0056	2.20559
{8}-{18}	0.1*180	10*60	-8.8333	5.361506	0.101824	-19.4389	1.77226
{8}-{19}	0.1*180	10*120	6.2417	5.361506	0.246458	-4.3639	16.84726
{8}-{20}	0.1*180	10*180	0.9500	3.901288	0.807989	-6.7671	8.66713
{9}-{10}	1*30	1*60	-4.8333	5.282558	0.361881	-15.2828	5.61609
{9}-{11}	1*30	1*120	10.2917	5.282558	0.053509	-0.1578	20.74109
{9}-{12}	1*30	1*180	13.5917	5.282558	0.011189	3.1422	24.04109
{9}-{13}	1*30	5*30	0.0750	3.901288	0.984691	-7.6421	7.79213
{9}-{14}	1*30	5*60	-3.8250	5.361506	0.476846	-14.4306	6.78059
{9}-{15}	1*30	5*120	15.2583	5.361506	0.005136	4.6527	25.86392
{9}-{16}	1*30	5*180	9.3083	5.361506	0.084872	-1.2973	19.91392
{9}-{17}	1*30	10*30	-1.1417	3.901288	0.770258	-8.8588	6.57547



{9}-{18}	1*30	10*60	-1.5750	5.361506	0.769402	-12.1806	9.03059
{9}-{19}	1*30	10*120	13.5000	5.361506	0.012999	2.8944	24.10559
{9}-{20}	1*30	10*180	8.2083	5.361506	0.128169	-2.3973	18.81392
{10}-{11}	1*60	1*120	15.1250	5.282558	0.004880	4.6756	25.57442
{10}-{12}	1*60	1*180	18.4250	5.282558	0.000662	7.9756	28.87442
{10}-{13}	1*60	5*30	4.9083	5.361506	0.361611	-5.6973	15.51392
{10}-{14}	1*60	5*60	1.0083	3.901288	0.796453	-6.7088	8.72547
{10}-{15}	1*60	5*120	20.0917	5.361506	0.000266	9.4861	30.69726
{10}-{16}	1*60	5*180	14.1417	5.361506	0.009352	3.5361	24.74726
{10}-{17}	1*60	10*30	3.6917	5.361506	0.492315	-6.9139	14.29726
{10}-{18}	1*60	10*60	3.2583	3.901288	0.405117	-4.4588	10.97547
{10}-{19}	1*60	10*120	18.3333	5.361506	0.000835	7.7277	28.93892
{10}-{20}	1*60	10*180	13.0417	5.361506	0.016336	2.4361	23.64726
{11}-{12}	1*120	1*180	3.3000	5.282558	0.533248	-7.1494	13.74942
{11}-{13}	1*120	5*30	-10.2167	5.361506	0.058882	-20.8223	0.38892
{11}-{14}	1*120	5*60	-14.1167	5.361506	0.009474	-24.7223	-3.51108
{11}-{15}	1*120	5*120	4.9667	3.901288	0.205226	-2.7505	12.68380
{11}-{16}	1*120	5*180	-0.9833	5.361506	0.854761	-11.5889	9.62226
{11}-{17}	1*120	10*30	-11.4333	5.361506	0.034818	-22.0389	-0.82774

{11}-{18}	1*120	10*60	-11.8667	5.361506	0.028594	-22.4723	-1.26108
{11}-{19}	1*120	10*120	3.2083	3.901288	0.412345	-4.5088	10.92547
{11}-{20}	1*120	10*180	-2.0833	5.361506	0.698219	-12.6889	8.52226
{12}-{13}	1*180	5*30	-13.5167	5.361506	0.012890	-24.1223	-2.91108
{12}-{14}	1*180	5*60	-17.4167	5.361506	0.001472	-28.0223	-6.81108
{12}-{15}	1*180	5*120	1.6667	5.361506	0.756399	-8.9389	12.27226
{12}-{16}	1*180	5*180	-4.2833	3.901288	0.274235	-12.0005	3.43380
{12}-{17}	1*180	10*30	-14.7333	5.361506	0.006836	-25.3389	-4.12774
{12}-{18}	1*180	10*60	-15.1667	5.361506	0.005402	-25.7723	-4.56108
{12}-{19}	1*180	10*120	-0.0917	5.361506	0.986385	-10.6973	10.51392
{12}-{20}	1*180	10*180	-5.3833	3.901288	0.169955	-13.1005	2.33380
{13}-{14}	5*30	5*60	-3.9000	5.282558	0.461656	-14.3494	6.54942
{13}-{15}	5*30	5*120	15.1833	5.282558	0.004722	4.7339	25.63275
{13}-{16}	5*30	5*180	9.2333	5.282558	0.082808	-1.2161	19.68275
{13}-{17}	5*30	10*30	-1.2167	3.901288	0.755637	-8.9338	6.50047
{13}-{18}	5*30	10*60	-1.6500	5.361506	0.758758	-12.2556	8.95559
{13}-{19}	5*30	10*120	13.4250	5.361506	0.013500	2.8194	24.03059
{13}-{20}	5*30	10*180	8.1333	5.361506	0.131661	-2.4723	18.73892
{14}-{15}	5*60	5*120	19.0833	5.282558	0.000430	8.6339	29.53275

{14}-{16}	5*60	5*180	13.1333	5.282558	0.014161	2.6839	23.58275
{14}-{17}	5*60	10*30	2.6833	5.361506	0.617570	-7.9223	13.28892
{14}-{18}	5*60	10*60	2.2500	3.901288	0.565102	-5.4671	9.96713
{14}-{19}	5*60	10*120	17.3250	5.361506	0.001556	6.7194	27.93059
{14}-{20}	5*60	10*180	12.0333	5.361506	0.026472	1.4277	22.63892
{15}-{16}	5*120	5*180	-5.9500	5.282558	0.262062	-16.3994	4.49942
{15}-{17}	5*120	10*30	-16.4000	5.361506	0.002691	-27.0056	-5.79441
{15}-{18}	5*120	10*60	-16.8333	5.361506	0.002087	-27.4389	-6.22774
{15}-{19}	5*120	10*120	-1.7583	3.901288	0.652941	-9.4755	5.95880
{15}-{20}	5*120	10*180	-7.0500	5.361506	0.190814	-17.6556	3.55559
{16}-{17}	5*180	10*30	-10.4500	5.361506	0.053407	-21.0556	0.15559
{16}-{18}	5*180	10*60	-10.8833	5.361506	0.044376	-21.4889	-0.27774
{16}-{19}	5*180	10*120	4.1917	5.361506	0.435728	-6.4139	14.79726
{16}-{20}	5*180	10*180	-1.1000	3.901288	0.778417	-8.8171	6.61713
{17}-{18}	10*30	10*60	-0.4333	5.282558	0.934746	-10.8828	10.01609
{17}-{19}	10*30	10*120	14.6417	5.282558	0.006383	4.1922	25.09109
{17}-{20}	10*30	10*180	9.3500	5.282558	0.079040	-1.0994	19.79942
{18}-{19}	10*60	10*120	15.0750	5.282558	0.005019	4.6256	25.52442
{18}-{20}	10*60	10*180	9.7833	5.282558	0.066259	-0.6661	20.23275

{19}-{20}	10*120	10*180	-5.2917	5.282558	0.318310	-15.7411	5.15775
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**r. VSL ( $\mu\text{m/s}$ )**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.3219, p=.01001$

Type V decomposition

Cell No.	Concentration	Time Point	VSL-Vel - Mean	VSL-Vel - Std.Err.	VSL-Vel - -95.00%	VSL-Vel - +95.00%	N
1	C	30	17.07500	2.332465	12.46115	21.68885	12
2	C	60	19.66667	2.332465	15.05282	24.28051	12
3	C	120	17.66667	2.332465	13.05282	22.28051	12
4	C	180	16.27500	2.332465	11.66115	20.88885	12
5	0.1	30	19.13333	2.332465	14.51949	23.74718	12
6	0.1	60	21.80000	2.332465	17.18615	26.41385	12

<b>7</b>	0.1	120	20.18333	2.332465	15.56949	24.79718	12
<b>8</b>	0.1	180	12.91667	2.332465	8.30282	17.53051	12
<b>9</b>	1	30	14.67500	2.332465	10.06115	19.28885	12
<b>10</b>	1	60	21.68333	2.332465	17.06949	26.29718	12
<b>11</b>	1	120	14.77500	2.332465	10.16115	19.38885	12
<b>12</b>	1	180	10.80833	2.332465	6.19449	15.42218	12
<b>13</b>	5	30	14.30000	2.332465	9.68615	18.91385	12
<b>14</b>	5	60	17.70833	2.332465	13.09449	22.32218	12
<b>15</b>	5	120	10.19167	2.332465	5.57782	14.80551	12
<b>16</b>	5	180	12.26667	2.332465	7.65282	16.88051	12
<b>17</b>	10	30	13.01667	2.332465	8.40282	17.63051	12
<b>18</b>	10	60	14.45000	2.332465	9.83615	19.06385	12
<b>19</b>	10	120	11.06667	2.332465	6.45282	15.68051	12

20	10	180	10.94167	2.332465	6.32782	15.55551	12
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LSD test; variable VSL-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-2.59167	2.840896	0.363289	-8.2112	3.02791
{1}-{3}	C*30	C*120	-0.59167	2.840896	0.835341	-6.2112	5.02791
{1}-{4}	C*30	C*180	0.80000	2.840896	0.778690	-4.8196	6.41957
{1}-{5}	C*30	0.1*30	-2.05833	1.862049	0.270991	-5.7416	1.62498
{1}-{6}	C*30	0.1*60	-4.72500	2.878505	0.103079	-10.4190	0.96897
{1}-{7}	C*30	0.1*120	-3.10833	2.878505	0.282181	-8.8023	2.58563
{1}-{8}	C*30	0.1*180	4.15833	2.878505	0.150935	-1.5356	9.85230
{1}-{9}	C*30	1*30	2.40000	1.862049	0.199686	-1.2833	6.08332
{1}-{10}	C*30	1*60	-4.60833	2.878505	0.111779	-10.3023	1.08563
{1}-{11}	C*30	1*120	2.30000	2.878505	0.425711	-3.3940	7.99397
{1}-{12}	C*30	1*180	6.26667	2.878505	0.031255	0.5727	11.96063

{1}-{13}	C*30	5*30	2.77500	1.862049	0.138533	-0.9083	6.45832
{1}-{14}	C*30	5*60	-0.63333	2.878505	0.826194	-6.3273	5.06063
{1}-{15}	C*30	5*120	6.88333	2.878505	0.018200	1.1894	12.57730
{1}-{16}	C*30	5*180	4.80833	2.878505	0.097204	-0.8856	10.50230
{1}-{17}	C*30	10*30	4.05833	1.862049	0.031069	0.3750	7.74165
{1}-{18}	C*30	10*60	2.62500	2.878505	0.363467	-3.0690	8.31897
{1}-{19}	C*30	10*120	6.00833	2.878505	0.038783	0.3144	11.70230
{1}-{20}	C*30	10*180	6.13333	2.878505	0.034965	0.4394	11.82730
{2}-{3}	C*60	C*120	2.00000	2.840896	0.482671	-3.6196	7.61957
{2}-{4}	C*60	C*180	3.39167	2.840896	0.234669	-2.2279	9.01124
{2}-{5}	C*60	0.1*30	0.53333	2.878505	0.853293	-5.1606	6.22730
{2}-{6}	C*60	0.1*60	-2.13333	1.862049	0.253996	-5.8166	1.54998
{2}-{7}	C*60	0.1*120	-0.51667	2.878505	0.857827	-6.2106	5.17730
{2}-{8}	C*60	0.1*180	6.75000	2.878505	0.020520	1.0560	12.44397
{2}-{9}	C*60	1*30	4.99167	2.878505	0.085232	-0.7023	10.68563
{2}-{10}	C*60	1*60	-2.01667	1.862049	0.280767	-5.7000	1.66665
{2}-{11}	C*60	1*120	4.89167	2.878505	0.091603	-0.8023	10.58563
{2}-{12}	C*60	1*180	8.85833	2.878505	0.002540	3.1644	14.55230
{2}-{13}	C*60	5*30	5.36667	2.878505	0.064487	-0.3273	11.06063

{2}-{14}	C*60	5*60	1.95833	1.862049	0.294855	-1.7250	5.64165
{2}-{15}	C*60	5*120	9.47500	2.878505	0.001278	3.7810	15.16897
{2}-{16}	C*60	5*180	7.40000	2.878505	0.011256	1.7060	13.09397
{2}-{17}	C*60	10*30	6.65000	2.878505	0.022427	0.9560	12.34397
{2}-{18}	C*60	10*60	5.21667	1.862049	0.005851	1.5334	8.89998
{2}-{19}	C*60	10*120	8.60000	2.878505	0.003353	2.9060	14.29397
{2}-{20}	C*60	10*180	8.72500	2.878505	0.002933	3.0310	14.41897
{3}-{4}	C*120	C*180	1.39167	2.840896	0.625040	-4.2279	7.01124
{3}-{5}	C*120	0.1*30	-1.46667	2.878505	0.611236	-7.1606	4.22730
{3}-{6}	C*120	0.1*60	-4.13333	2.878505	0.153388	-9.8273	1.56063
{3}-{7}	C*120	0.1*120	-2.51667	1.862049	0.178828	-6.2000	1.16665
{3}-{8}	C*120	0.1*180	4.75000	2.878505	0.101287	-0.9440	10.44397
{3}-{9}	C*120	1*30	2.99167	2.878505	0.300559	-2.7023	8.68563
{3}-{10}	C*120	1*60	-4.01667	2.878505	0.165238	-9.7106	1.67730
{3}-{11}	C*120	1*120	2.89167	1.862049	0.122830	-0.7916	6.57498
{3}-{12}	C*120	1*180	6.85833	2.878505	0.018617	1.1644	12.55230
{3}-{13}	C*120	5*30	3.36667	2.878505	0.244274	-2.3273	9.06063
{3}-{14}	C*120	5*60	-0.04167	2.878505	0.988473	-5.7356	5.65230
{3}-{15}	C*120	5*120	7.47500	1.862049	0.000099	3.7917	11.15832



{3}-{16}	C*120	5*180	5.40000	2.878505	0.062867	-0.2940	11.09397
{3}-{17}	C*120	10*30	4.65000	2.878505	0.108607	-1.0440	10.34397
{3}-{18}	C*120	10*60	3.21667	2.878505	0.265820	-2.4773	8.91063
{3}-{19}	C*120	10*120	6.60000	1.862049	0.000545	2.9167	10.28332
{3}-{20}	C*120	10*180	6.72500	2.878505	0.020983	1.0310	12.41897
{4}-{5}	C*180	0.1*30	-2.85833	2.878505	0.322530	-8.5523	2.83563
{4}-{6}	C*180	0.1*60	-5.52500	2.878505	0.057092	-11.2190	0.16897
{4}-{7}	C*180	0.1*120	-3.90833	2.878505	0.176855	-9.6023	1.78563
{4}-{8}	C*180	0.1*180	3.35833	1.862049	0.073580	-0.3250	7.04165
{4}-{9}	C*180	1*30	1.60000	2.878505	0.579258	-4.0940	7.29397
{4}-{10}	C*180	1*60	-5.40833	2.878505	0.062468	-11.1023	0.28563
{4}-{11}	C*180	1*120	1.50000	2.878505	0.603168	-4.1940	7.19397
{4}-{12}	C*180	1*180	5.46667	1.862049	0.003925	1.7834	9.14998
{4}-{13}	C*180	5*30	1.97500	2.878505	0.493841	-3.7190	7.66897
{4}-{14}	C*180	5*60	-1.43333	2.878505	0.619352	-7.1273	4.26063
{4}-{15}	C*180	5*120	6.08333	2.878505	0.036451	0.3894	11.77730
{4}-{16}	C*180	5*180	4.00833	1.862049	0.033165	0.3250	7.69165
{4}-{17}	C*180	10*30	3.25833	2.878505	0.259706	-2.4356	8.95230
{4}-{18}	C*180	10*60	1.82500	2.878505	0.527172	-3.8690	7.51897

{4}-{19}	C*180	10*120	5.20833	2.878505	0.072666	-0.4856	10.90230
{4}-{20}	C*180	10*180	5.33333	1.862049	0.004865	1.6500	9.01665
{5}-{6}	0.1*30	0.1*60	-2.66667	2.840896	0.349614	-8.2862	2.95291
{5}-{7}	0.1*30	0.1*120	-1.05000	2.840896	0.712272	-6.6696	4.56957
{5}-{8}	0.1*30	0.1*180	6.21667	2.840896	0.030409	0.5971	11.83624
{5}-{9}	0.1*30	1*30	4.45833	1.862049	0.018057	0.7750	8.14165
{5}-{10}	0.1*30	1*60	-2.55000	2.878505	0.377295	-8.2440	3.14397
{5}-{11}	0.1*30	1*120	4.35833	2.878505	0.132392	-1.3356	10.05230
{5}-{12}	0.1*30	1*180	8.32500	2.878505	0.004477	2.6310	14.01897
{5}-{13}	0.1*30	5*30	4.83333	1.862049	0.010508	1.1500	8.51665
{5}-{14}	0.1*30	5*60	1.42500	2.878505	0.621389	-4.2690	7.11897
{5}-{15}	0.1*30	5*120	8.94167	2.878505	0.002319	3.2477	14.63563
{5}-{16}	0.1*30	5*180	6.86667	2.878505	0.018477	1.1727	12.56063
{5}-{17}	0.1*30	10*30	6.11667	1.862049	0.001307	2.4334	9.79998
{5}-{18}	0.1*30	10*60	4.68333	2.878505	0.106121	-1.0106	10.37730
{5}-{19}	0.1*30	10*120	8.06667	2.878505	0.005837	2.3727	13.76063
{5}-{20}	0.1*30	10*180	8.19167	2.878505	0.005138	2.4977	13.88563
{6}-{7}	0.1*60	0.1*120	1.61667	2.840896	0.570276	-4.0029	7.23624
{6}-{8}	0.1*60	0.1*180	8.88333	2.840896	0.002173	3.2638	14.50291

{6}-{9}	0.1*60	1*30	7.12500	2.878505	0.014582	1.4310	12.81897
{6}-{10}	0.1*60	1*60	0.11667	1.862049	0.950136	-3.5666	3.79998
{6}-{11}	0.1*60	1*120	7.02500	2.878505	0.015993	1.3310	12.71897
{6}-{12}	0.1*60	1*180	10.99167	2.878505	0.000206	5.2977	16.68563
{6}-{13}	0.1*60	5*30	7.50000	2.878505	0.010227	1.8060	13.19397
{6}-{14}	0.1*60	5*60	4.09167	1.862049	0.029736	0.4084	7.77498
{6}-{15}	0.1*60	5*120	11.60833	2.878505	0.000093	5.9144	17.30230
{6}-{16}	0.1*60	5*180	9.53333	2.878505	0.001196	3.8394	15.22730
{6}-{17}	0.1*60	10*30	8.78333	2.878505	0.002755	3.0894	14.47730
{6}-{18}	0.1*60	10*60	7.35000	1.862049	0.000128	3.6667	11.03332
{6}-{19}	0.1*60	10*120	10.73333	2.878505	0.000285	5.0394	16.42730
{6}-{20}	0.1*60	10*180	10.85833	2.878505	0.000243	5.1644	16.55230
{7}-{8}	0.1*120	0.1*180	7.26667	2.840896	0.011661	1.6471	12.88624
{7}-{9}	0.1*120	1*30	5.50833	2.878505	0.057835	-0.1856	11.20230
{7}-{10}	0.1*120	1*60	-1.50000	2.878505	0.603168	-7.1940	4.19397
{7}-{11}	0.1*120	1*120	5.40833	1.862049	0.004314	1.7250	9.09165
{7}-{12}	0.1*120	1*180	9.37500	2.878505	0.001432	3.6810	15.06897
{7}-{13}	0.1*120	5*30	5.88333	2.878505	0.042954	0.1894	11.57730
{7}-{14}	0.1*120	5*60	2.47500	2.878505	0.391446	-3.2190	8.16897

{7}-{15}	0.1*120	5*120	9.99167	1.862049	0.000000	6.3084	13.67498
{7}-{16}	0.1*120	5*180	7.91667	2.878505	0.006791	2.2227	13.61063
{7}-{17}	0.1*120	10*30	7.16667	2.878505	0.014027	1.4727	12.86063
{7}-{18}	0.1*120	10*60	5.73333	2.878505	0.048459	0.0394	11.42730
{7}-{19}	0.1*120	10*120	9.11667	1.862049	0.000003	5.4334	12.79998
{7}-{20}	0.1*120	10*180	9.24167	2.878505	0.001664	3.5477	14.93563
{8}-{9}	0.1*180	1*30	-1.75833	2.878505	0.542350	-7.4523	3.93563
{8}-{10}	0.1*180	1*60	-8.76667	2.878505	0.002805	-14.4606	-3.07270
{8}-{11}	0.1*180	1*120	-1.85833	2.878505	0.519666	-7.5523	3.83563
{8}-{12}	0.1*180	1*180	2.10833	1.862049	0.259575	-1.5750	5.79165
{8}-{13}	0.1*180	5*30	-1.38333	2.878505	0.631615	-7.0773	4.31063
{8}-{14}	0.1*180	5*60	-4.79167	2.878505	0.098357	-10.4856	0.90230
{8}-{15}	0.1*180	5*120	2.72500	2.878505	0.345536	-2.9690	8.41897
{8}-{16}	0.1*180	5*180	0.65000	1.862049	0.727587	-3.0333	4.33332
{8}-{17}	0.1*180	10*30	-0.10000	2.878505	0.972339	-5.7940	5.59397
{8}-{18}	0.1*180	10*60	-1.53333	2.878505	0.595148	-7.2273	4.16063
{8}-{19}	0.1*180	10*120	1.85000	2.878505	0.521537	-3.8440	7.54397
{8}-{20}	0.1*180	10*180	1.97500	1.862049	0.290781	-1.7083	5.65832
{9}-{10}	1*30	1*60	-7.00833	2.840896	0.014908	-12.6279	-1.38876

{9}-{11}	1*30	1*120	-0.10000	2.840896	0.971973	-5.7196	5.51957
{9}-{12}	1*30	1*180	3.86667	2.840896	0.175810	-1.7529	9.48624
{9}-{13}	1*30	5*30	0.37500	1.862049	0.840703	-3.3083	4.05832
{9}-{14}	1*30	5*60	-3.03333	2.878505	0.293905	-8.7273	2.66063
{9}-{15}	1*30	5*120	4.48333	2.878505	0.121741	-1.2106	10.17730
{9}-{16}	1*30	5*180	2.40833	2.878505	0.404295	-3.2856	8.10230
{9}-{17}	1*30	10*30	1.65833	1.862049	0.374766	-2.0250	5.34165
{9}-{18}	1*30	10*60	0.22500	2.878505	0.937815	-5.4690	5.91897
{9}-{19}	1*30	10*120	3.60833	2.878505	0.212223	-2.0856	9.30230
{9}-{20}	1*30	10*180	3.73333	2.878505	0.196904	-1.9606	9.42730
{10}-{11}	1*60	1*120	6.90833	2.840896	0.016367	1.2888	12.52791
{10}-{12}	1*60	1*180	10.87500	2.840896	0.000199	5.2554	16.49457
{10}-{13}	1*60	5*30	7.38333	2.878505	0.011436	1.6894	13.07730
{10}-{14}	1*60	5*60	3.97500	1.862049	0.034630	0.2917	7.65832
{10}-{15}	1*60	5*120	11.49167	2.878505	0.000108	5.7977	17.18563
{10}-{16}	1*60	5*180	9.41667	2.878505	0.001366	3.7227	15.11063
{10}-{17}	1*60	10*30	8.66667	2.878505	0.003123	2.9727	14.36063
{10}-{18}	1*60	10*60	7.23333	1.862049	0.000161	3.5500	10.91665
{10}-{19}	1*60	10*120	10.61667	2.878505	0.000329	4.9227	16.31063

{10}-{20}	1*60	10*180	10.74167	2.878505	0.000282	5.0477	16.43563
{11}-{12}	1*120	1*180	3.96667	2.840896	0.164976	-1.6529	9.58624
{11}-{13}	1*120	5*30	0.47500	2.878505	0.869184	-5.2190	6.16897
{11}-{14}	1*120	5*60	-2.93333	2.878505	0.310044	-8.6273	2.76063
{11}-{15}	1*120	5*120	4.58333	1.862049	0.015128	0.9000	8.26665
{11}-{16}	1*120	5*180	2.50833	2.878505	0.385117	-3.1856	8.20230
{11}-{17}	1*120	10*30	1.75833	2.878505	0.542350	-3.9356	7.45230
{11}-{18}	1*120	10*60	0.32500	2.878505	0.910277	-5.3690	6.01897
{11}-{19}	1*120	10*120	3.70833	1.862049	0.048486	0.0250	7.39165
{11}-{20}	1*120	10*180	3.83333	2.878505	0.185251	-1.8606	9.52730
{12}-{13}	1*180	5*30	-3.49167	2.878505	0.227291	-9.1856	2.20230
{12}-{14}	1*180	5*60	-6.90000	2.878505	0.017927	-12.5940	-1.20603
{12}-{15}	1*180	5*120	0.61667	2.878505	0.830697	-5.0773	6.31063
{12}-{16}	1*180	5*180	-1.45833	1.862049	0.434920	-5.1416	2.22498
{12}-{17}	1*180	10*30	-2.20833	2.878505	0.444344	-7.9023	3.48563
{12}-{18}	1*180	10*60	-3.64167	2.878505	0.208056	-9.3356	2.05230
{12}-{19}	1*180	10*120	-0.25833	2.878505	0.928625	-5.9523	5.43563
{12}-{20}	1*180	10*180	-0.13333	1.862049	0.943024	-3.8166	3.54998
{13}-{14}	5*30	5*60	-3.40833	2.840896	0.232390	-9.0279	2.21124

{13}-{15}	5*30	5*120	4.10833	2.840896	0.150508	-1.5112	9.72791
{13}-{16}	5*30	5*180	2.03333	2.840896	0.475418	-3.5862	7.65291
{13}-{17}	5*30	10*30	1.28333	1.862049	0.491904	-2.4000	4.96665
{13}-{18}	5*30	10*60	-0.15000	2.878505	0.958520	-5.8440	5.54397
{13}-{19}	5*30	10*120	3.23333	2.878505	0.263362	-2.4606	8.92730
{13}-{20}	5*30	10*180	3.35833	2.878505	0.245438	-2.3356	9.05230
{14}-{15}	5*60	5*120	7.51667	2.840896	0.009138	1.8971	13.13624
{14}-{16}	5*60	5*180	5.44167	2.840896	0.057595	-0.1779	11.06124
{14}-{17}	5*60	10*30	4.69167	2.878505	0.105507	-1.0023	10.38563
{14}-{18}	5*60	10*60	3.25833	1.862049	0.082465	-0.4250	6.94165
{14}-{19}	5*60	10*120	6.64167	2.878505	0.022593	0.9477	12.33563
{14}-{20}	5*60	10*180	6.76667	2.878505	0.020216	1.0727	12.46063
{15}-{16}	5*120	5*180	-2.07500	2.840896	0.466438	-7.6946	3.54457
{15}-{17}	5*120	10*30	-2.82500	2.878505	0.328185	-8.5190	2.86897
{15}-{18}	5*120	10*60	-4.25833	2.878505	0.141428	-9.9523	1.43563
{15}-{19}	5*120	10*120	-0.87500	1.862049	0.639193	-4.5583	2.80832
{15}-{20}	5*120	10*180	-0.75000	2.878505	0.794844	-6.4440	4.94397
{16}-{17}	5*180	10*30	-0.75000	2.878505	0.794844	-6.4440	4.94397
{16}-{18}	5*180	10*60	-2.18333	2.878505	0.449506	-7.8773	3.51063

{16}-{19}	5*180	10*120	1.20000	2.878505	0.677441	-4.4940	6.89397
{16}-{20}	5*180	10*180	1.32500	1.862049	0.477979	-2.3583	5.00832
{17}-{18}	10*30	10*60	-1.43333	2.840896	0.614726	-7.0529	4.18624
{17}-{19}	10*30	10*120	1.95000	2.840896	0.493663	-3.6696	7.56957
{17}-{20}	10*30	10*180	2.07500	2.840896	0.466438	-3.5446	7.69457
{18}-{19}	10*60	10*120	3.38333	2.840896	0.235815	-2.2362	9.00291
{18}-{20}	10*60	10*180	3.50833	2.840896	0.219047	-2.1112	9.12791
{19}-{20}	10*120	10*180	0.12500	2.840896	0.964971	-5.4946	5.74457

### s. VAP ( $\mu\text{m/s}$ )

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.5570, p=.00451$

Type V decomposition

Cell No.	Concentration	Time Point	VAP-Vel - Mean	VAP-Vel - Std.Err.	VAP-Vel - -95.00%	VAP-Vel - +95.00%	N
1	C	30	28.98333	2.900431	23.24599	34.72067	12
2	C	60	33.25833	2.900431	27.52099	38.99567	12



<b>3</b>	C	120	30.66667	2.900431	24.92933	36.40401	12
<b>4</b>	C	180	26.99167	2.900431	21.25433	32.72901	12
<b>5</b>	0.1	30	30.57500	2.900431	24.83766	36.31234	12
<b>6</b>	0.1	60	33.64167	2.900431	27.90433	39.37901	12
<b>7</b>	0.1	120	29.64167	2.900431	23.90433	35.37901	12
<b>8</b>	0.1	180	22.80833	2.900431	17.07099	28.54567	12
<b>9</b>	1	30	27.55833	2.900431	21.82099	33.29567	12
<b>10</b>	1	60	33.00000	2.900431	27.26266	38.73734	12
<b>11</b>	1	120	23.90833	2.900431	18.17099	29.64567	12
<b>12</b>	1	180	19.12500	2.900431	13.38766	24.86234	12
<b>13</b>	5	30	27.59167	2.900431	21.85433	33.32901	12
<b>14</b>	5	60	30.75000	2.900431	25.01266	36.48734	12
<b>15</b>	5	120	18.81667	2.900431	13.07933	24.55401	12

<b>16</b>	5	180	21.84167	2.900431	16.10433	27.57901	12
<b>17</b>	10	30	28.69167	2.900431	22.95433	34.42901	12
<b>18</b>	10	60	28.76667	2.900431	23.02933	34.50401	12
<b>19</b>	10	120	20.08333	2.900431	14.34599	25.82067	12
<b>20</b>	10	180	21.08333	2.900431	15.34599	26.82067	12

LSD test; variable VAP-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>{1}-{2}</b>	C*30	C*60	-4.2750	3.514543	0.226013	-11.2271	2.67711
<b>{1}-{3}</b>	C*30	C*120	-1.6833	3.514543	0.632758	-8.6354	5.26878
<b>{1}-{4}</b>	C*30	C*180	1.9917	3.514543	0.571885	-4.9604	8.94378
<b>{1}-{5}</b>	C*30	0.1*30	-1.5917	2.179838	0.466576	-5.9036	2.72027
<b>{1}-{6}</b>	C*30	0.1*60	-4.6583	3.514543	0.187313	-11.6104	2.29378

{1}-{7}	C*30	0.1*120	-0.6583	3.514543	0.851700	-7.6104	6.29378
{1}-{8}	C*30	0.1*180	6.1750	3.514543	0.081239	-0.7771	13.12711
{1}-{9}	C*30	1*30	1.4250	2.179838	0.514431	-2.8869	5.73694
{1}-{10}	C*30	1*60	-4.0167	3.514543	0.255161	-10.9688	2.93545
{1}-{11}	C*30	1*120	5.0750	3.514543	0.151108	-1.8771	12.02711
{1}-{12}	C*30	1*180	9.8583	3.514543	0.005792	2.9062	16.81045
{1}-{13}	C*30	5*30	1.3917	2.179838	0.524302	-2.9203	5.70360
{1}-{14}	C*30	5*60	-1.7667	3.514543	0.616032	-8.7188	5.18545
{1}-{15}	C*30	5*120	10.1667	3.514543	0.004468	3.2146	17.11878
{1}-{16}	C*30	5*180	7.1417	3.514543	0.044157	0.1896	14.09378
{1}-{17}	C*30	10*30	0.2917	2.179838	0.893763	-4.0203	4.60360
{1}-{18}	C*30	10*60	0.2167	3.514543	0.950936	-6.7354	7.16878
{1}-{19}	C*30	10*120	8.9000	3.514543	0.012502	1.9479	15.85211
{1}-{20}	C*30	10*180	7.9000	3.514543	0.026248	0.9479	14.85211
{2}-{3}	C*60	C*120	2.5917	3.514543	0.462181	-4.3604	9.54378
{2}-{4}	C*60	C*180	6.2667	3.514543	0.076874	-0.6854	13.21878
{2}-{5}	C*60	0.1*30	2.6833	3.514543	0.446531	-4.2688	9.63545
{2}-{6}	C*60	0.1*60	-0.3833	2.179838	0.860678	-4.6953	3.92860
{2}-{7}	C*60	0.1*120	3.6167	3.514543	0.305335	-3.3354	10.56878

{2}-{8}	C*60	0.1*180	10.4500	3.514543	0.003503	3.4979	17.40211
{2}-{9}	C*60	1*30	5.7000	3.514543	0.107225	-1.2521	12.65211
{2}-{10}	C*60	1*60	0.2583	2.179838	0.905843	-4.0536	4.57027
{2}-{11}	C*60	1*120	9.3500	3.514543	0.008773	2.3979	16.30211
{2}-{12}	C*60	1*180	14.1333	3.514543	0.000097	7.1812	21.08545
{2}-{13}	C*60	5*30	5.6667	3.514543	0.109275	-1.2854	12.61878
{2}-{14}	C*60	5*60	2.5083	2.179838	0.251937	-1.8036	6.82027
{2}-{15}	C*60	5*120	14.4417	3.514543	0.000069	7.4896	21.39378
{2}-{16}	C*60	5*180	11.4167	3.514543	0.001472	4.4646	18.36878
{2}-{17}	C*60	10*30	4.5667	3.514543	0.196084	-2.3854	11.51878
{2}-{18}	C*60	10*60	4.4917	2.179838	0.041310	0.1797	8.80360
{2}-{19}	C*60	10*120	13.1750	3.514543	0.000265	6.2229	20.12711
{2}-{20}	C*60	10*180	12.1750	3.514543	0.000718	5.2229	19.12711
{3}-{4}	C*120	C*180	3.6750	3.514543	0.297631	-3.2771	10.62711
{3}-{5}	C*120	0.1*30	0.0917	3.514543	0.979231	-6.8604	7.04378
{3}-{6}	C*120	0.1*60	-2.9750	3.514543	0.398816	-9.9271	3.97711
{3}-{7}	C*120	0.1*120	1.0250	2.179838	0.638975	-3.2869	5.33694
{3}-{8}	C*120	0.1*180	7.8583	3.514543	0.027034	0.9062	14.81045
{3}-{9}	C*120	1*30	3.1083	3.514543	0.378077	-3.8438	10.06045

{3}-{10}	C*120	1*60	-2.3333	3.514543	0.507907	-9.2854	4.61878
{3}-{11}	C*120	1*120	6.7583	2.179838	0.002363	2.4464	11.07027
{3}-{12}	C*120	1*180	11.5417	3.514543	0.001311	4.5896	18.49378
{3}-{13}	C*120	5*30	3.0750	3.514543	0.383198	-3.8771	10.02711
{3}-{14}	C*120	5*60	-0.0833	3.514543	0.981119	-7.0354	6.86878
{3}-{15}	C*120	5*120	11.8500	2.179838	0.000000	7.5381	16.16194
{3}-{16}	C*120	5*180	8.8250	3.514543	0.013246	1.8729	15.77711
{3}-{17}	C*120	10*30	1.9750	3.514543	0.575103	-4.9771	8.92711
{3}-{18}	C*120	10*60	1.9000	3.514543	0.589687	-5.0521	8.85211
{3}-{19}	C*120	10*120	10.5833	2.179838	0.000003	6.2714	14.89527
{3}-{20}	C*120	10*180	9.5833	3.514543	0.007265	2.6312	16.53545
{4}-{5}	C*180	0.1*30	-3.5833	3.514543	0.309796	-10.5354	3.36878
{4}-{6}	C*180	0.1*60	-6.6500	3.514543	0.060663	-13.6021	0.30211
{4}-{7}	C*180	0.1*120	-2.6500	3.514543	0.452186	-9.6021	4.30211
{4}-{8}	C*180	0.1*180	4.1833	2.179838	0.057130	-0.1286	8.49527
{4}-{9}	C*180	1*30	-0.5667	3.514543	0.872155	-7.5188	6.38545
{4}-{10}	C*180	1*60	-6.0083	3.514543	0.089696	-12.9604	0.94378
{4}-{11}	C*180	1*120	3.0833	3.514543	0.381914	-3.8688	10.03545
{4}-{12}	C*180	1*180	7.8667	2.179838	0.000435	3.5547	12.17860

{4}-{13}	C*180	5*30	-0.6000	3.514543	0.864706	-7.5521	6.35211
{4}-{14}	C*180	5*60	-3.7583	3.514543	0.286856	-10.7104	3.19378
{4}-{15}	C*180	5*120	8.1750	3.514543	0.021540	1.2229	15.12711
{4}-{16}	C*180	5*180	5.1500	2.179838	0.019610	0.8381	9.46194
{4}-{17}	C*180	10*30	-1.7000	3.514543	0.629397	-8.6521	5.25211
{4}-{18}	C*180	10*60	-1.7750	3.514543	0.614370	-8.7271	5.17711
{4}-{19}	C*180	10*120	6.9083	3.514543	0.051439	-0.0438	13.86045
{4}-{20}	C*180	10*180	5.9083	2.179838	0.007612	1.5964	10.22027
{5}-{6}	0.1*30	0.1*60	-3.0667	3.514543	0.384485	-10.0188	3.88545
{5}-{7}	0.1*30	0.1*120	0.9333	3.514543	0.790990	-6.0188	7.88545
{5}-{8}	0.1*30	0.1*180	7.7667	3.514543	0.028838	0.8146	14.71878
{5}-{9}	0.1*30	1*30	3.0167	2.179838	0.168726	-1.2953	7.32860
{5}-{10}	0.1*30	1*60	-2.4250	3.514543	0.491412	-9.3771	4.52711
{5}-{11}	0.1*30	1*120	6.6667	3.514543	0.060029	-0.2854	13.61878
{5}-{12}	0.1*30	1*180	11.4500	3.514543	0.001427	4.4979	18.40211
{5}-{13}	0.1*30	5*30	2.9833	2.179838	0.173448	-1.3286	7.29527
{5}-{14}	0.1*30	5*60	-0.1750	3.514543	0.960363	-7.1271	6.77711
{5}-{15}	0.1*30	5*120	11.7583	3.514543	0.001069	4.8062	18.71045
{5}-{16}	0.1*30	5*180	8.7333	3.514543	0.014209	1.7812	15.68545

{5}-{17}	0.1*30	10*30	1.8833	2.179838	0.389167	-2.4286	6.19527
{5}-{18}	0.1*30	10*60	1.8083	3.514543	0.607743	-5.1438	8.76045
{5}-{19}	0.1*30	10*120	10.4917	3.514543	0.003378	3.5396	17.44378
{5}-{20}	0.1*30	10*180	9.4917	3.514543	0.007827	2.5396	16.44378
{6}-{7}	0.1*60	0.1*120	4.0000	3.514543	0.257129	-2.9521	10.95211
{6}-{8}	0.1*60	0.1*180	10.8333	3.514543	0.002500	3.8812	17.78545
{6}-{9}	0.1*60	1*30	6.0833	3.514543	0.085806	-0.8688	13.03545
{6}-{10}	0.1*60	1*60	0.6417	2.179838	0.768942	-3.6703	4.95360
{6}-{11}	0.1*60	1*120	9.7333	3.514543	0.006424	2.7812	16.68545
{6}-{12}	0.1*60	1*180	14.5167	3.514543	0.000064	7.5646	21.46878
{6}-{13}	0.1*60	5*30	6.0500	3.514543	0.087518	-0.9021	13.00211
{6}-{14}	0.1*60	5*60	2.8917	2.179838	0.186948	-1.4203	7.20360
{6}-{15}	0.1*60	5*120	14.8250	3.514543	0.000045	7.8729	21.77711
{6}-{16}	0.1*60	5*180	11.8000	3.514543	0.001028	4.8479	18.75211
{6}-{17}	0.1*60	10*30	4.9500	3.514543	0.161354	-2.0021	11.90211
{6}-{18}	0.1*60	10*60	4.8750	2.179838	0.027004	0.5631	9.18694
{6}-{19}	0.1*60	10*120	13.5583	3.514543	0.000178	6.6062	20.51045
{6}-{20}	0.1*60	10*180	12.5583	3.514543	0.000493	5.6062	19.51045
{7}-{8}	0.1*120	0.1*180	6.8333	3.514543	0.053986	-0.1188	13.78545

{7}-{9}	0.1*120	1*30	2.0833	3.514543	0.554346	-4.8688	9.03545
{7}-{10}	0.1*120	1*60	-3.3583	3.514543	0.341045	-10.3104	3.59378
{7}-{11}	0.1*120	1*120	5.7333	2.179838	0.009549	1.4214	10.04527
{7}-{12}	0.1*120	1*180	10.5167	3.514543	0.003305	3.5646	17.46878
{7}-{13}	0.1*120	5*30	2.0500	3.514543	0.560693	-4.9021	9.00211
{7}-{14}	0.1*120	5*60	-1.1083	3.514543	0.752989	-8.0604	5.84378
{7}-{15}	0.1*120	5*120	10.8250	2.179838	0.000002	6.5131	15.13694
{7}-{16}	0.1*120	5*180	7.8000	3.514543	0.028170	0.8479	14.75211
{7}-{17}	0.1*120	10*30	0.9500	3.514543	0.787347	-6.0021	7.90211
{7}-{18}	0.1*120	10*60	0.8750	3.514543	0.803774	-6.0771	7.82711
{7}-{19}	0.1*120	10*120	9.5583	2.179838	0.000023	5.2464	13.87027
{7}-{20}	0.1*120	10*180	8.5583	3.514543	0.016222	1.6062	15.51045
{8}-{9}	0.1*180	1*30	-4.7500	3.514543	0.178838	-11.7021	2.20211
{8}-{10}	0.1*180	1*60	-10.1917	3.514543	0.004374	-17.1438	-3.23955
{8}-{11}	0.1*180	1*120	-1.1000	3.514543	0.754786	-8.0521	5.85211
{8}-{12}	0.1*180	1*180	3.6833	2.179838	0.093441	-0.6286	7.99527
{8}-{13}	0.1*180	5*30	-4.7833	3.514543	0.175829	-11.7354	2.16878
{8}-{14}	0.1*180	5*60	-7.9417	3.514543	0.025481	-14.8938	-0.98955
{8}-{15}	0.1*180	5*120	3.9917	3.514543	0.258116	-2.9604	10.94378



{8}-{16}	0.1*180	5*180	0.9667	2.179838	0.658161	-3.3453	5.27860
{8}-{17}	0.1*180	10*30	-5.8833	3.514543	0.096499	-12.8354	1.06878
{8}-{18}	0.1*180	10*60	-5.9583	3.514543	0.092369	-12.9104	0.99378
{8}-{19}	0.1*180	10*120	2.7250	3.514543	0.439520	-4.2271	9.67711
{8}-{20}	0.1*180	10*180	1.7250	2.179838	0.430163	-2.5869	6.03694
{9}-{10}	1*30	1*60	-5.4417	3.514543	0.123938	-12.3938	1.51045
{9}-{11}	1*30	1*120	3.6500	3.514543	0.300917	-3.3021	10.60211
{9}-{12}	1*30	1*180	8.4333	3.514543	0.017812	1.4812	15.38545
{9}-{13}	1*30	5*30	-0.0333	2.179838	0.987823	-4.3453	4.27860
{9}-{14}	1*30	5*60	-3.1917	3.514543	0.365464	-10.1438	3.76045
{9}-{15}	1*30	5*120	8.7417	3.514543	0.014119	1.7896	15.69378
{9}-{16}	1*30	5*180	5.7167	3.514543	0.106212	-1.2354	12.66878
{9}-{17}	1*30	10*30	-1.1333	2.179838	0.603993	-5.4453	3.17860
{9}-{18}	1*30	10*60	-1.2083	3.514543	0.731537	-8.1604	5.74378
{9}-{19}	1*30	10*120	7.4750	3.514543	0.035291	0.5229	14.42711
{9}-{20}	1*30	10*180	6.4750	3.514543	0.067669	-0.4771	13.42711
{10}-{11}	1*60	1*120	9.0917	3.514543	0.010768	2.1396	16.04378
{10}-{12}	1*60	1*180	13.8750	3.514543	0.000128	6.9229	20.82711
{10}-{13}	1*60	5*30	5.4083	3.514543	0.126236	-1.5438	12.36045

{10}-{14}	1*60	5*60	2.2500	2.179838	0.303872	-2.0619	6.56194
{10}-{15}	1*60	5*120	14.1833	3.514543	0.000092	7.2312	21.13545
{10}-{16}	1*60	5*180	11.1583	3.514543	0.001866	4.2062	18.11045
{10}-{17}	1*60	10*30	4.3083	3.514543	0.222434	-2.6438	11.26045
{10}-{18}	1*60	10*60	4.2333	2.179838	0.054262	-0.0786	8.54527
{10}-{19}	1*60	10*120	12.9167	3.514543	0.000344	5.9646	19.86878
{10}-{20}	1*60	10*180	11.9167	3.514543	0.000920	4.9646	18.86878
{11}-{12}	1*120	1*180	4.7833	3.514543	0.175829	-2.1688	11.73545
{11}-{13}	1*120	5*30	-3.6833	3.514543	0.296542	-10.6354	3.26878
{11}-{14}	1*120	5*60	-6.8417	3.514543	0.053698	-13.7938	0.11045
{11}-{15}	1*120	5*120	5.0917	2.179838	0.021009	0.7797	9.40360
{11}-{16}	1*120	5*180	2.0667	3.514543	0.557515	-4.8854	9.01878
{11}-{17}	1*120	10*30	-4.7833	3.514543	0.175829	-11.7354	2.16878
{11}-{18}	1*120	10*60	-4.8583	3.514543	0.169198	-11.8104	2.09378
{11}-{19}	1*120	10*120	3.8250	2.179838	0.081628	-0.4869	8.13694
{11}-{20}	1*120	10*180	2.8250	3.514543	0.422956	-4.1271	9.77711
{12}-{13}	1*180	5*30	-8.4667	3.514543	0.017375	-15.4188	-1.51455
{12}-{14}	1*180	5*60	-11.6250	3.514543	0.001212	-18.5771	-4.67289
{12}-{15}	1*180	5*120	0.3083	3.514543	0.930224	-6.6438	7.26045

{12}-{16}	1*180	5*180	-2.7167	2.179838	0.214873	-7.0286	1.59527
{12}-{17}	1*180	10*30	-9.5667	3.514543	0.007365	-16.5188	-2.61455
{12}-{18}	1*180	10*60	-9.6417	3.514543	0.006927	-16.5938	-2.68955
{12}-{19}	1*180	10*120	-0.9583	3.514543	0.785528	-7.9104	5.99378
{12}-{20}	1*180	10*180	-1.9583	2.179838	0.370616	-6.2703	2.35360
{13}-{14}	5*30	5*60	-3.1583	3.514543	0.370477	-10.1104	3.79378
{13}-{15}	5*30	5*120	8.7750	3.514543	0.013764	1.8229	15.72711
{13}-{16}	5*30	5*180	5.7500	3.514543	0.104209	-1.2021	12.70211
{13}-{17}	5*30	10*30	-1.1000	2.179838	0.614664	-5.4119	3.21194
{13}-{18}	5*30	10*60	-1.1750	3.514543	0.738665	-8.1271	5.77711
{13}-{19}	5*30	10*120	7.5083	3.514543	0.034495	0.5562	14.46045
{13}-{20}	5*30	10*180	6.5083	3.514543	0.066285	-0.4438	13.46045
{14}-{15}	5*60	5*120	11.9333	3.514543	0.000906	4.9812	18.88545
{14}-{16}	5*60	5*180	8.9083	3.514543	0.012422	1.9562	15.86045
{14}-{17}	5*60	10*30	2.0583	3.514543	0.559103	-4.8938	9.01045
{14}-{18}	5*60	10*60	1.9833	2.179838	0.364558	-2.3286	6.29527
{14}-{19}	5*60	10*120	10.6667	3.514543	0.002898	3.7146	17.61878
{14}-{20}	5*60	10*180	9.6667	3.514543	0.006787	2.7146	16.61878
{15}-{16}	5*120	5*180	-3.0250	3.514543	0.390959	-9.9771	3.92711

{15}-{17}	5*120	10*30	-9.8750	3.514543	0.005713	-16.8271	-2.92289
{15}-{18}	5*120	10*60	-9.9500	3.514543	0.005366	-16.9021	-2.99789
{15}-{19}	5*120	10*120	-1.2667	2.179838	0.562175	-5.5786	3.04527
{15}-{20}	5*120	10*180	-2.2667	3.514543	0.520086	-9.2188	4.68545
{16}-{17}	5*180	10*30	-6.8500	3.514543	0.053411	-13.8021	0.10211
{16}-{18}	5*180	10*60	-6.9250	3.514543	0.050887	-13.8771	0.02711
{16}-{19}	5*180	10*120	1.7583	3.514543	0.617695	-5.1938	8.71045
{16}-{20}	5*180	10*180	0.7583	2.179838	0.728481	-3.5536	5.07027
{17}-{18}	10*30	10*60	-0.0750	3.514543	0.983007	-7.0271	6.87711
{17}-{19}	10*30	10*120	8.6083	3.514543	0.015623	1.6562	15.56045
{17}-{20}	10*30	10*180	7.6083	3.514543	0.032201	0.6562	14.56045
{18}-{19}	10*60	10*120	8.6833	3.514543	0.014760	1.7312	15.63545
{18}-{20}	10*60	10*180	7.6833	3.514543	0.030568	0.7312	14.63545
{19}-{20}	10*120	10*180	-1.0000	3.514543	0.776449	-7.9521	5.95211

**t. LIN (%)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.4760, p=.00594

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>LIN-Vel - Mean</b>	<b>LIN-Vel - Std.Err.</b>	<b>LIN-Vel - -95.00%</b>	<b>LIN-Vel - +95.00%</b>	<b>N</b>
1	C	30	32.67500	3.079340	26.58376	38.76624	12
2	C	60	33.07500	3.079340	26.98376	39.16624	12
3	C	120	30.29167	3.079340	24.20043	36.38290	12
4	C	180	33.54167	3.079340	27.45043	39.63290	12
5	0.1	30	33.18333	3.079340	27.09210	39.27457	12
6	0.1	60	37.45833	3.079340	31.36710	43.54957	12
7	0.1	120	34.73333	3.079340	28.64210	40.82457	12
8	0.1	180	28.53333	3.079340	22.44210	34.62457	12
9	1	30	28.14167	3.079340	22.05043	34.23290	12
10	1	60	38.27500	3.079340	32.18376	44.36624	12
11	1	120	31.61667	3.079340	25.52543	37.70790	12

<b>12</b>	1	180	25.51667	3.079340	19.42543	31.60790	12
<b>13</b>	5	30	27.75000	3.079340	21.65876	33.84124	12
<b>14</b>	5	60	32.87500	3.079340	26.78376	38.96624	12
<b>15</b>	5	120	25.48333	3.079340	19.39210	31.57457	12
<b>16</b>	5	180	27.78333	3.079340	21.69210	33.87457	12
<b>17</b>	10	30	23.86667	3.079340	17.77543	29.95790	12
<b>18</b>	10	60	27.55000	3.079340	21.45876	33.64124	12
<b>19</b>	10	120	25.06667	3.079340	18.97543	31.15790	12
<b>20</b>	10	180	23.60000	3.079340	17.50876	29.69124	12

LSD test; variable LIN-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-0.4000	3.351364	0.905176	-7.0293	6.22933
{1}-{3}	C*30	C*120	2.3833	3.351364	0.478244	-4.2460	9.01266
{1}-{4}	C*30	C*180	-0.8667	3.351364	0.796346	-7.4960	5.76266
{1}-{5}	C*30	0.1*30	-0.5083	2.315182	0.826549	-5.0880	4.07132
{1}-{6}	C*30	0.1*60	-4.7833	3.396253	0.161359	-11.5015	1.93479
{1}-{7}	C*30	0.1*120	-2.0583	3.396253	0.545516	-8.7765	4.65979
{1}-{8}	C*30	0.1*180	4.1417	3.396253	0.224836	-2.5765	10.85979
{1}-{9}	C*30	1*30	4.5333	2.315182	0.052329	-0.0463	9.11299
{1}-{10}	C*30	1*60	-5.6000	3.396253	0.101551	-12.3181	1.11812
{1}-{11}	C*30	1*120	1.0583	3.396253	0.755823	-5.6598	7.77646
{1}-{12}	C*30	1*180	7.1583	3.396253	0.036947	0.4402	13.87646
{1}-{13}	C*30	5*30	4.9250	2.315182	0.035258	0.3453	9.50466
{1}-{14}	C*30	5*60	-0.2000	3.396253	0.953130	-6.9181	6.51812
{1}-{15}	C*30	5*120	7.1917	3.396253	0.036090	0.4735	13.90979
{1}-{16}	C*30	5*180	4.8917	3.396253	0.152147	-1.8265	11.60979
{1}-{17}	C*30	10*30	8.8083	2.315182	0.000216	4.2287	13.38799
{1}-{18}	C*30	10*60	5.1250	3.396253	0.133685	-1.5931	11.84312
{1}-{19}	C*30	10*120	7.6083	3.396253	0.026749	0.8902	14.32646

{1}-{20}	C*30	10*180	9.0750	3.396253	0.008489	2.3569	15.79312
{2}-{3}	C*60	C*120	2.7833	3.351364	0.407751	-3.8460	9.41266
{2}-{4}	C*60	C*180	-0.4667	3.351364	0.889467	-7.0960	6.16266
{2}-{5}	C*60	0.1*30	-0.1083	3.396253	0.974602	-6.8265	6.60979
{2}-{6}	C*60	0.1*60	-4.3833	2.315182	0.060507	-8.9630	0.19632
{2}-{7}	C*60	0.1*120	-1.6583	3.396253	0.626159	-8.3765	5.05979
{2}-{8}	C*60	0.1*180	4.5417	3.396253	0.183438	-2.1765	11.25979
{2}-{9}	C*60	1*30	4.9333	3.396253	0.148713	-1.7848	11.65146
{2}-{10}	C*60	1*60	-5.2000	2.315182	0.026363	-9.7797	-0.62034
{2}-{11}	C*60	1*120	1.4583	3.396253	0.668336	-5.2598	8.17646
{2}-{12}	C*60	1*180	7.5583	3.396253	0.027745	0.8402	14.27646
{2}-{13}	C*60	5*30	5.3250	3.396253	0.119298	-1.3931	12.04312
{2}-{14}	C*60	5*60	0.2000	2.315182	0.931290	-4.3797	4.77966
{2}-{15}	C*60	5*120	7.5917	3.396253	0.027077	0.8735	14.30979
{2}-{16}	C*60	5*180	5.2917	3.396253	0.121606	-1.4265	12.00979
{2}-{17}	C*60	10*30	9.2083	3.396253	0.007593	2.4902	15.92646
{2}-{18}	C*60	10*60	5.5250	2.315182	0.018432	0.9453	10.10466
{2}-{19}	C*60	10*120	8.0083	3.396253	0.019843	1.2902	14.72646
{2}-{20}	C*60	10*180	9.4750	3.396253	0.006055	2.7569	16.19312



{3}-{4}	C*120	C*180	-3.2500	3.351364	0.333942	-9.8793	3.37933
{3}-{5}	C*120	0.1*30	-2.8917	3.396253	0.396073	-9.6098	3.82646
{3}-{6}	C*120	0.1*60	-7.1667	3.396253	0.036731	-13.8848	-0.44854
{3}-{7}	C*120	0.1*120	-4.4417	2.315182	0.057207	-9.0213	0.13799
{3}-{8}	C*120	0.1*180	1.7583	3.396253	0.605515	-4.9598	8.47646
{3}-{9}	C*120	1*30	2.1500	3.396253	0.527796	-4.5681	8.86812
{3}-{10}	C*120	1*60	-7.9833	3.396253	0.020223	-14.7015	-1.26521
{3}-{11}	C*120	1*120	-1.3250	2.315182	0.568086	-5.9047	3.25466
{3}-{12}	C*120	1*180	4.7750	3.396253	0.162085	-1.9431	11.49312
{3}-{13}	C*120	5*30	2.5417	3.396253	0.455566	-4.1765	9.25979
{3}-{14}	C*120	5*60	-2.5833	3.396253	0.448227	-9.3015	4.13479
{3}-{15}	C*120	5*120	4.8083	2.315182	0.039753	0.2287	9.38799
{3}-{16}	C*120	5*180	2.5083	3.396253	0.461486	-4.2098	9.22646
{3}-{17}	C*120	10*30	6.4250	3.396253	0.060709	-0.2931	13.14312
{3}-{18}	C*120	10*60	2.7417	3.396253	0.420968	-3.9765	9.45979
{3}-{19}	C*120	10*120	5.2250	2.315182	0.025661	0.6453	9.80466
{3}-{20}	C*120	10*180	6.6917	3.396253	0.050896	-0.0265	13.40979
{4}-{5}	C*180	0.1*30	0.3583	3.396253	0.916133	-6.3598	7.07646
{4}-{6}	C*180	0.1*60	-3.9167	3.396253	0.250899	-10.6348	2.80146

{4}-{7}	C*180	0.1*120	-1.1917	3.396253	0.726240	-7.9098	5.52646
{4}-{8}	C*180	0.1*180	5.0083	2.315182	0.032323	0.4287	9.58799
{4}-{9}	C*180	1*30	5.4000	3.396253	0.114230	-1.3181	12.11812
{4}-{10}	C*180	1*60	-4.7333	3.396253	0.165752	-11.4515	1.98479
{4}-{11}	C*180	1*120	1.9250	3.396253	0.571812	-4.7931	8.64312
{4}-{12}	C*180	1*180	8.0250	2.315182	0.000713	3.4453	12.60466
{4}-{13}	C*180	5*30	5.7917	3.396253	0.090489	-0.9265	12.50979
{4}-{14}	C*180	5*60	0.6667	3.396253	0.844681	-6.0515	7.38479
{4}-{15}	C*180	5*120	8.0583	3.396253	0.019101	1.3402	14.77646
{4}-{16}	C*180	5*180	5.7583	2.315182	0.014122	1.1787	10.33799
{4}-{17}	C*180	10*30	9.6750	3.396253	0.005094	2.9569	16.39312
{4}-{18}	C*180	10*60	5.9917	3.396253	0.080012	-0.7265	12.70979
{4}-{19}	C*180	10*120	8.4750	3.396253	0.013815	1.7569	15.19312
{4}-{20}	C*180	10*180	9.9417	2.315182	0.000034	5.3620	14.52132
{5}-{6}	0.1*30	0.1*60	-4.2750	3.351364	0.204337	-10.9043	2.35433
{5}-{7}	0.1*30	0.1*120	-1.5500	3.351364	0.644485	-8.1793	5.07933
{5}-{8}	0.1*30	0.1*180	4.6500	3.351364	0.167629	-1.9793	11.27933
{5}-{9}	0.1*30	1*30	5.0417	2.315182	0.031209	0.4620	9.62132
{5}-{10}	0.1*30	1*60	-5.0917	3.396253	0.136209	-11.8098	1.62646

{5}-{11}	0.1*30	1*120	1.5667	3.396253	0.645348	-5.1515	8.28479
{5}-{12}	0.1*30	1*180	7.6667	3.396253	0.025626	0.9485	14.38479
{5}-{13}	0.1*30	5*30	5.4333	2.315182	0.020422	0.8537	10.01299
{5}-{14}	0.1*30	5*60	0.3083	3.396253	0.927800	-6.4098	7.02646
{5}-{15}	0.1*30	5*120	7.7000	3.396253	0.025003	0.9819	14.41812
{5}-{16}	0.1*30	5*180	5.4000	3.396253	0.114230	-1.3181	12.11812
{5}-{17}	0.1*30	10*30	9.3167	2.315182	0.000096	4.7370	13.89632
{5}-{18}	0.1*30	10*60	5.6333	3.396253	0.099552	-1.0848	12.35146
{5}-{19}	0.1*30	10*120	8.1167	3.396253	0.018267	1.3985	14.83479
{5}-{20}	0.1*30	10*180	9.5833	3.396253	0.005515	2.8652	16.30146
{6}-{7}	0.1*60	0.1*120	2.7250	3.351364	0.417624	-3.9043	9.35433
{6}-{8}	0.1*60	0.1*180	8.9250	3.351364	0.008706	2.2957	15.55433
{6}-{9}	0.1*60	1*30	9.3167	3.396253	0.006930	2.5985	16.03479
{6}-{10}	0.1*60	1*60	-0.8167	2.315182	0.724843	-5.3963	3.76299
{6}-{11}	0.1*60	1*120	5.8417	3.396253	0.087770	-0.8765	12.55979
{6}-{12}	0.1*60	1*180	11.9417	3.396253	0.000601	5.2235	18.65979
{6}-{13}	0.1*60	5*30	9.7083	3.396253	0.004948	2.9902	16.42646
{6}-{14}	0.1*60	5*60	4.5833	2.315182	0.049819	0.0037	9.16299
{6}-{15}	0.1*60	5*120	11.9750	3.396253	0.000581	5.2569	18.69312

{6}-{16}	0.1*60	5*180	9.6750	3.396253	0.005094	2.9569	16.39312
{6}-{17}	0.1*60	10*30	13.5917	3.396253	0.000104	6.8735	20.30979
{6}-{18}	0.1*60	10*60	9.9083	2.315182	0.000036	5.3287	14.48799
{6}-{19}	0.1*60	10*120	12.3917	3.396253	0.000378	5.6735	19.10979
{6}-{20}	0.1*60	10*180	13.8583	3.396253	0.000077	7.1402	20.57646
{7}-{8}	0.1*120	0.1*180	6.2000	3.351364	0.066551	-0.4293	12.82933
{7}-{9}	0.1*120	1*30	6.5917	3.396253	0.054406	-0.1265	13.30979
{7}-{10}	0.1*120	1*60	-3.5417	3.396253	0.298940	-10.2598	3.17646
{7}-{11}	0.1*120	1*120	3.1167	2.315182	0.180550	-1.4630	7.69632
{7}-{12}	0.1*120	1*180	9.2167	3.396253	0.007540	2.4985	15.93479
{7}-{13}	0.1*120	5*30	6.9833	3.396253	0.041735	0.2652	13.70146
{7}-{14}	0.1*120	5*60	1.8583	3.396253	0.585185	-4.8598	8.57646
{7}-{15}	0.1*120	5*120	9.2500	2.315182	0.000107	4.6703	13.82966
{7}-{16}	0.1*120	5*180	6.9500	3.396253	0.042705	0.2319	13.66812
{7}-{17}	0.1*120	10*30	10.8667	3.396253	0.001724	4.1485	17.58479
{7}-{18}	0.1*120	10*60	7.1833	3.396253	0.036303	0.4652	13.90146
{7}-{19}	0.1*120	10*120	9.6667	2.315182	0.000054	5.0870	14.24632
{7}-{20}	0.1*120	10*180	11.1333	3.396253	0.001336	4.4152	17.85146
{8}-{9}	0.1*180	1*30	0.3917	3.396253	0.908364	-6.3265	7.10979

{8}-{10}	0.1*180	1*60	-9.7417	3.396253	0.004805	-16.4598	-3.02354
{8}-{11}	0.1*180	1*120	-3.0833	3.396253	0.365605	-9.8015	3.63479
{8}-{12}	0.1*180	1*180	3.0167	2.315182	0.194845	-1.5630	7.59632
{8}-{13}	0.1*180	5*30	0.7833	3.396253	0.817947	-5.9348	7.50146
{8}-{14}	0.1*180	5*60	-4.3417	3.396253	0.203362	-11.0598	2.37646
{8}-{15}	0.1*180	5*120	3.0500	3.396253	0.370795	-3.6681	9.76812
{8}-{16}	0.1*180	5*180	0.7500	2.315182	0.746490	-3.8297	5.32966
{8}-{17}	0.1*180	10*30	4.6667	3.396253	0.171751	-2.0515	11.38479
{8}-{18}	0.1*180	10*60	0.9833	3.396253	0.772626	-5.7348	7.70146
{8}-{19}	0.1*180	10*120	3.4667	3.396253	0.309248	-3.2515	10.18479
{8}-{20}	0.1*180	10*180	4.9333	2.315182	0.034955	0.3537	9.51299
{9}-{10}	1*30	1*60	-10.1333	3.351364	0.003002	-16.7627	-3.50400
{9}-{11}	1*30	1*120	-3.4750	3.351364	0.301682	-10.1043	3.15433
{9}-{12}	1*30	1*180	2.6250	3.351364	0.434876	-4.0043	9.25433
{9}-{13}	1*30	5*30	0.3917	2.315182	0.865919	-4.1880	4.97132
{9}-{14}	1*30	5*60	-4.7333	3.396253	0.165752	-11.4515	1.98479
{9}-{15}	1*30	5*120	2.6583	3.396253	0.435190	-4.0598	9.37646
{9}-{16}	1*30	5*180	0.3583	3.396253	0.916133	-6.3598	7.07646
{9}-{17}	1*30	10*30	4.2750	2.315182	0.067058	-0.3047	8.85466

{9}-{18}	1*30	10*60	0.5917	3.396253	0.861966	-6.1265	7.30979
{9}-{19}	1*30	10*120	3.0750	3.396253	0.366898	-3.6431	9.79312
{9}-{20}	1*30	10*180	4.5417	3.396253	0.183438	-2.1765	11.25979
{10}-{11}	1*60	1*120	6.6583	3.351364	0.049020	0.0290	13.28766
{10}-{12}	1*60	1*180	12.7583	3.351364	0.000215	6.1290	19.38766
{10}-{13}	1*60	5*30	10.5250	3.396253	0.002373	3.8069	17.24312
{10}-{14}	1*60	5*60	5.4000	2.315182	0.021191	0.8203	9.97966
{10}-{15}	1*60	5*120	12.7917	3.396253	0.000248	6.0735	19.50979
{10}-{16}	1*60	5*180	10.4917	3.396253	0.002448	3.7735	17.20979
{10}-{17}	1*60	10*30	14.4083	3.396253	0.000041	7.6902	21.12646
{10}-{18}	1*60	10*60	10.7250	2.315182	0.000009	6.1453	15.30466
{10}-{19}	1*60	10*120	13.2083	3.396253	0.000159	6.4902	19.92646
{10}-{20}	1*60	10*180	14.6750	3.396253	0.000030	7.9569	21.39312
{11}-{12}	1*120	1*180	6.1000	3.351364	0.071001	-0.5293	12.72933
{11}-{13}	1*120	5*30	3.8667	3.396253	0.256970	-2.8515	10.58479
{11}-{14}	1*120	5*60	-1.2583	3.396253	0.711599	-7.9765	5.45979
{11}-{15}	1*120	5*120	6.1333	2.315182	0.009054	1.5537	10.71299
{11}-{16}	1*120	5*180	3.8333	3.396253	0.261074	-2.8848	10.55146
{11}-{17}	1*120	10*30	7.7500	3.396253	0.024094	1.0319	14.46812

{11}-{18}	1*120	10*60	4.0667	3.396253	0.233297	-2.6515	10.78479
{11}-{19}	1*120	10*120	6.5500	2.315182	0.005396	1.9703	11.12966
{11}-{20}	1*120	10*180	8.0167	3.396253	0.019717	1.2985	14.73479
{12}-{13}	1*180	5*30	-2.2333	3.396253	0.511948	-8.9515	4.48479
{12}-{14}	1*180	5*60	-7.3583	3.396253	0.032061	-14.0765	-0.64021
{12}-{15}	1*180	5*120	0.0333	3.396253	0.992184	-6.6848	6.75146
{12}-{16}	1*180	5*180	-2.2667	2.315182	0.329349	-6.8463	2.31299
{12}-{17}	1*180	10*30	1.6500	3.396253	0.627894	-5.0681	8.36812
{12}-{18}	1*180	10*60	-2.0333	3.396253	0.550400	-8.7515	4.68479
{12}-{19}	1*180	10*120	0.4500	3.396253	0.894791	-6.2681	7.16812
{12}-{20}	1*180	10*180	1.9167	2.315182	0.409239	-2.6630	6.49632
{13}-{14}	5*30	5*60	-5.1250	3.351364	0.128601	-11.7543	1.50433
{13}-{15}	5*30	5*120	2.2667	3.351364	0.500007	-4.3627	8.89600
{13}-{16}	5*30	5*180	-0.0333	3.351364	0.992079	-6.6627	6.59600
{13}-{17}	5*30	10*30	3.8833	2.315182	0.095844	-0.6963	8.46299
{13}-{18}	5*30	10*60	0.2000	3.396253	0.953130	-6.5181	6.91812
{13}-{19}	5*30	10*120	2.6833	3.396253	0.430894	-4.0348	9.40146
{13}-{20}	5*30	10*180	4.1500	3.396253	0.223910	-2.5681	10.86812
{14}-{15}	5*60	5*120	7.3917	3.351364	0.029145	0.7623	14.02100

{14}-{16}	5*60	5*180	5.0917	3.351364	0.131083	-1.5377	11.72100
{14}-{17}	5*60	10*30	9.0083	3.396253	0.008971	2.2902	15.72646
{14}-{18}	5*60	10*60	5.3250	2.315182	0.023015	0.7453	9.90466
{14}-{19}	5*60	10*120	7.8083	3.396253	0.023070	1.0902	14.52646
{14}-{20}	5*60	10*180	9.2750	3.396253	0.007179	2.5569	15.99312
{15}-{16}	5*120	5*180	-2.3000	3.351364	0.493735	-8.9293	4.32933
{15}-{17}	5*120	10*30	1.6167	3.396253	0.634851	-5.1015	8.33479
{15}-{18}	5*120	10*60	-2.0667	3.396253	0.543892	-8.7848	4.65146
{15}-{19}	5*120	10*120	0.4167	2.315182	0.857451	-4.1630	4.99632
{15}-{20}	5*120	10*180	1.8833	3.396253	0.580153	-4.8348	8.60146
{16}-{17}	5*180	10*30	3.9167	3.396253	0.250899	-2.8015	10.63479
{16}-{18}	5*180	10*60	0.2333	3.396253	0.945330	-6.4848	6.95146
{16}-{19}	5*180	10*120	2.7167	3.396253	0.425205	-4.0015	9.43479
{16}-{20}	5*180	10*180	4.1833	2.315182	0.073053	-0.3963	8.76299
{17}-{18}	10*30	10*60	-3.6833	3.351364	0.273745	-10.3127	2.94600
{17}-{19}	10*30	10*120	-1.2000	3.351364	0.720868	-7.8293	5.42933
{17}-{20}	10*30	10*180	0.2667	3.351364	0.936700	-6.3627	6.89600
{18}-{19}	10*60	10*120	2.4833	3.351364	0.460014	-4.1460	9.11266
{18}-{20}	10*60	10*180	3.9500	3.351364	0.240668	-2.6793	10.57933



{19}-{20}	10*120	10*180	1.4667	3.351364	0.662368	-5.1627	8.09600
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**u. STR (%)**

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=2.0883, p=.02170

Type V decomposition

Cell No.	Concentration	Time Point	STR-Vel - Mean	STR-Vel - Std.Err.	STR-Vel - -95.00%	STR-Vel - +95.00%	N
1	C	30	57.30000	4.010253	49.36732	65.23268	12
2	C	60	59.85000	4.010253	51.91732	67.78268	12
3	C	120	57.13333	4.010253	49.20066	65.06601	12
4	C	180	58.87500	4.010253	50.94232	66.80768	12
5	0.1	30	60.17500	4.010253	52.24232	68.10768	12
6	0.1	60	64.40833	4.010253	56.47566	72.34101	12

<b>7</b>	0.1	120	59.70000	4.010253	51.76732	67.63268	12
<b>8</b>	0.1	180	55.10833	4.010253	47.17566	63.04101	12
<b>9</b>	1	30	51.96667	4.010253	44.03399	59.89934	12
<b>10</b>	1	60	66.25833	4.010253	58.32566	74.19101	12
<b>11</b>	1	120	54.86667	4.010253	46.93399	62.79934	12
<b>12</b>	1	180	50.92500	4.010253	42.99232	58.85768	12
<b>13</b>	5	30	52.31667	4.010253	44.38399	60.24934	12
<b>14</b>	5	60	57.94167	4.010253	50.00899	65.87434	12
<b>15</b>	5	120	49.51667	4.010253	41.58399	57.44934	12
<b>16</b>	5	180	53.40000	4.010253	45.46732	61.33268	12
<b>17</b>	10	30	44.75000	4.010253	36.81732	52.68268	12
<b>18</b>	10	60	50.79167	4.010253	42.85899	58.72434	12
<b>19</b>	10	120	47.47500	4.010253	39.54232	55.40768	12

20	10	180	48.75833	4.010253	40.82566	56.69101	12
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LSD test; variable STR-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-2.5500	3.990051	0.523872	-10.4427	5.34271
{1}-{3}	C*30	C*120	0.1667	3.990051	0.966745	-7.7260	8.05938
{1}-{4}	C*30	C*180	-1.5750	3.990051	0.693678	-9.4677	6.31771
{1}-{5}	C*30	0.1*30	-2.8750	3.010290	0.341294	-8.8297	3.07965
{1}-{6}	C*30	0.1*60	-7.1083	4.117557	0.086625	-15.2533	1.03660
{1}-{7}	C*30	0.1*120	-2.4000	4.117557	0.560975	-10.5449	5.74493
{1}-{8}	C*30	0.1*180	2.1917	4.117557	0.595431	-5.9533	10.33660
{1}-{9}	C*30	1*30	5.3333	3.010290	0.078752	-0.6213	11.28799
{1}-{10}	C*30	1*60	-8.9583	4.117557	0.031363	-17.1033	-0.81340
{1}-{11}	C*30	1*120	2.4333	4.117557	0.555554	-5.7116	10.57827
{1}-{12}	C*30	1*180	6.3750	4.117557	0.123957	-1.7699	14.51993

{1}-{13}	C*30	5*30	4.9833	3.010290	0.100212	-0.9713	10.93799
{1}-{14}	C*30	5*60	-0.6417	4.117557	0.876400	-8.7866	7.50327
{1}-{15}	C*30	5*120	7.7833	4.117557	0.060913	-0.3616	15.92827
{1}-{16}	C*30	5*180	3.9000	4.117557	0.345286	-4.2449	12.04493
{1}-{17}	C*30	10*30	12.5500	3.010290	0.000055	6.5953	18.50465
{1}-{18}	C*30	10*60	6.5083	4.117557	0.116356	-1.6366	14.65327
{1}-{19}	C*30	10*120	9.8250	4.117557	0.018447	1.6801	17.96993
{1}-{20}	C*30	10*180	8.5417	4.117557	0.039980	0.3967	16.68660
{2}-{3}	C*60	C*120	2.7167	3.990051	0.497153	-5.1760	10.60938
{2}-{4}	C*60	C*180	0.9750	3.990051	0.807333	-6.9177	8.86771
{2}-{5}	C*60	0.1*30	-0.3250	4.117557	0.937208	-8.4699	7.81993
{2}-{6}	C*60	0.1*60	-4.5583	3.010290	0.132353	-10.5130	1.39632
{2}-{7}	C*60	0.1*120	0.1500	4.117557	0.970995	-7.9949	8.29493
{2}-{8}	C*60	0.1*180	4.7417	4.117557	0.251578	-3.4033	12.88660
{2}-{9}	C*60	1*30	7.8833	4.117557	0.057712	-0.2616	16.02827
{2}-{10}	C*60	1*60	-6.4083	3.010290	0.035127	-12.3630	-0.45368
{2}-{11}	C*60	1*120	4.9833	4.117557	0.228340	-3.1616	13.12827
{2}-{12}	C*60	1*180	8.9250	4.117557	0.031987	0.7801	17.06993
{2}-{13}	C*60	5*30	7.5333	4.117557	0.069572	-0.6116	15.67827

{2}-{14}	C*60	5*60	1.9083	3.010290	0.527219	-4.0463	7.86299
{2}-{15}	C*60	5*120	10.3333	4.117557	0.013297	2.1884	18.47827
{2}-{16}	C*60	5*180	6.4500	4.117557	0.119634	-1.6949	14.59493
{2}-{17}	C*60	10*30	15.1000	4.117557	0.000354	6.9551	23.24493
{2}-{18}	C*60	10*60	9.0583	3.010290	0.003139	3.1037	15.01299
{2}-{19}	C*60	10*120	12.3750	4.117557	0.003175	4.2301	20.51993
{2}-{20}	C*60	10*180	11.0917	4.117557	0.007983	2.9467	19.23660
{3}-{4}	C*120	C*180	-1.7417	3.990051	0.663185	-9.6344	6.15105
{3}-{5}	C*120	0.1*30	-3.0417	4.117557	0.461397	-11.1866	5.10327
{3}-{6}	C*120	0.1*60	-7.2750	4.117557	0.079569	-15.4199	0.86993
{3}-{7}	C*120	0.1*120	-2.5667	3.010290	0.395408	-8.5213	3.38799
{3}-{8}	C*120	0.1*180	2.0250	4.117557	0.623680	-6.1199	10.16993
{3}-{9}	C*120	1*30	5.1667	4.117557	0.211772	-2.9783	13.31160
{3}-{10}	C*120	1*60	-9.1250	4.117557	0.028396	-17.2699	-0.98007
{3}-{11}	C*120	1*120	2.2667	3.010290	0.452807	-3.6880	8.22132
{3}-{12}	C*120	1*180	6.2083	4.117557	0.134003	-1.9366	14.35327
{3}-{13}	C*120	5*30	4.8167	4.117557	0.244194	-3.3283	12.96160
{3}-{14}	C*120	5*60	-0.8083	4.117557	0.844666	-8.9533	7.33660
{3}-{15}	C*120	5*120	7.6167	3.010290	0.012574	1.6620	13.57132

{3}-{16}	C*120	5*180	3.7333	4.117557	0.366225	-4.4116	11.87827
{3}-{17}	C*120	10*30	12.3833	4.117557	0.003155	4.2384	20.52827
{3}-{18}	C*120	10*60	6.3417	4.117557	0.125917	-1.8033	14.48660
{3}-{19}	C*120	10*120	9.6583	3.010290	0.001675	3.7037	15.61299
{3}-{20}	C*120	10*180	8.3750	4.117557	0.043958	0.2301	16.51993
{4}-{5}	C*180	0.1*30	-1.3000	4.117557	0.752713	-9.4449	6.84493
{4}-{6}	C*180	0.1*60	-5.5333	4.117557	0.181306	-13.6783	2.61160
{4}-{7}	C*180	0.1*120	-0.8250	4.117557	0.841506	-8.9699	7.31993
{4}-{8}	C*180	0.1*180	3.7667	3.010290	0.213051	-2.1880	9.72132
{4}-{9}	C*180	1*30	6.9083	4.117557	0.095757	-1.2366	15.05327
{4}-{10}	C*180	1*60	-7.3833	4.117557	0.075241	-15.5283	0.76160
{4}-{11}	C*180	1*120	4.0083	4.117557	0.332098	-4.1366	12.15327
{4}-{12}	C*180	1*180	7.9500	3.010290	0.009265	1.9953	13.90465
{4}-{13}	C*180	5*30	6.5583	4.117557	0.113603	-1.5866	14.70327
{4}-{14}	C*180	5*60	0.9333	4.117557	0.821030	-7.2116	9.07827
{4}-{15}	C*180	5*120	9.3583	4.117557	0.024655	1.2134	17.50327
{4}-{16}	C*180	5*180	5.4750	3.010290	0.071215	-0.4797	11.42965
{4}-{17}	C*180	10*30	14.1250	4.117557	0.000805	5.9801	22.26993
{4}-{18}	C*180	10*60	8.0833	4.117557	0.051733	-0.0616	16.22827

{4}-{19}	C*180	10*120	11.4000	4.117557	0.006440	3.2551	19.54493
{4}-{20}	C*180	10*180	10.1167	3.010290	0.001017	4.1620	16.07132
{5}-{6}	0.1*30	0.1*60	-4.2333	3.990051	0.290640	-12.1260	3.65938
{5}-{7}	0.1*30	0.1*120	0.4750	3.990051	0.905420	-7.4177	8.36771
{5}-{8}	0.1*30	0.1*180	5.0667	3.990051	0.206381	-2.8260	12.95938
{5}-{9}	0.1*30	1*30	8.2083	3.010290	0.007265	2.2537	14.16299
{5}-{10}	0.1*30	1*60	-6.0833	4.117557	0.141947	-14.2283	2.06160
{5}-{11}	0.1*30	1*120	5.3083	4.117557	0.199585	-2.8366	13.45327
{5}-{12}	0.1*30	1*180	9.2500	4.117557	0.026335	1.1051	17.39493
{5}-{13}	0.1*30	5*30	7.8583	3.010290	0.010086	1.9037	13.81299
{5}-{14}	0.1*30	5*60	2.2333	4.117557	0.588462	-5.9116	10.37827
{5}-{15}	0.1*30	5*120	10.6583	4.117557	0.010719	2.5134	18.80327
{5}-{16}	0.1*30	5*180	6.7750	4.117557	0.102268	-1.3699	14.91993
{5}-{17}	0.1*30	10*30	15.4250	3.010290	0.000001	9.4703	21.37965
{5}-{18}	0.1*30	10*60	9.3833	4.117557	0.024281	1.2384	17.52827
{5}-{19}	0.1*30	10*120	12.7000	4.117557	0.002485	4.5551	20.84493
{5}-{20}	0.1*30	10*180	11.4167	4.117557	0.006364	3.2717	19.56160
{6}-{7}	0.1*60	0.1*120	4.7083	3.990051	0.240115	-3.1844	12.60105
{6}-{8}	0.1*60	0.1*180	9.3000	3.990051	0.021280	1.4073	17.19271

{6}-{9}	0.1*60	1*30	12.4417	4.117557	0.003020	4.2967	20.58660
{6}-{10}	0.1*60	1*60	-1.8500	3.010290	0.539904	-7.8047	4.10465
{6}-{11}	0.1*60	1*120	9.5417	4.117557	0.022026	1.3967	17.68660
{6}-{12}	0.1*60	1*180	13.4833	4.117557	0.001351	5.3384	21.62827
{6}-{13}	0.1*60	5*30	12.0917	4.117557	0.003916	3.9467	20.23660
{6}-{14}	0.1*60	5*60	6.4667	3.010290	0.033525	0.5120	12.42132
{6}-{15}	0.1*60	5*120	14.8917	4.117557	0.000424	6.7467	23.03660
{6}-{16}	0.1*60	5*180	11.0083	4.117557	0.008454	2.8634	19.15327
{6}-{17}	0.1*60	10*30	19.6583	4.117557	0.000005	11.5134	27.80327
{6}-{18}	0.1*60	10*60	13.6167	3.010290	0.000013	7.6620	19.57132
{6}-{19}	0.1*60	10*120	16.9333	4.117557	0.000068	8.7884	25.07827
{6}-{20}	0.1*60	10*180	15.6500	4.117557	0.000219	7.5051	23.79493
{7}-{8}	0.1*120	0.1*180	4.5917	3.990051	0.251904	-3.3010	12.48438
{7}-{9}	0.1*120	1*30	7.7333	4.117557	0.062569	-0.4116	15.87827
{7}-{10}	0.1*120	1*60	-6.5583	4.117557	0.113603	-14.7033	1.58660
{7}-{11}	0.1*120	1*120	4.8333	3.010290	0.110751	-1.1213	10.78799
{7}-{12}	0.1*120	1*180	8.7750	4.117557	0.034933	0.6301	16.91993
{7}-{13}	0.1*120	5*30	7.3833	4.117557	0.075241	-0.7616	15.52827
{7}-{14}	0.1*120	5*60	1.7583	4.117557	0.670051	-6.3866	9.90327



{7}-{15}	0.1*120	5*120	10.1833	3.010290	0.000945	4.2287	16.13799
{7}-{16}	0.1*120	5*180	6.3000	4.117557	0.128401	-1.8449	14.44493
{7}-{17}	0.1*120	10*30	14.9500	4.117557	0.000403	6.8051	23.09493
{7}-{18}	0.1*120	10*60	8.9083	4.117557	0.032304	0.7634	17.05327
{7}-{19}	0.1*120	10*120	12.2250	3.010290	0.000083	6.2703	18.17965
{7}-{20}	0.1*120	10*180	10.9417	4.117557	0.008849	2.7967	19.08660
{8}-{9}	0.1*180	1*30	3.1417	4.117557	0.446829	-5.0033	11.28660
{8}-{10}	0.1*180	1*60	-11.1500	4.117557	0.007668	-19.2949	-3.00507
{8}-{11}	0.1*180	1*120	0.2417	4.117557	0.953286	-7.9033	8.38660
{8}-{12}	0.1*180	1*180	4.1833	3.010290	0.166966	-1.7713	10.13799
{8}-{13}	0.1*180	5*30	2.7917	4.117557	0.498964	-5.3533	10.93660
{8}-{14}	0.1*180	5*60	-2.8333	4.117557	0.492591	-10.9783	5.31160
{8}-{15}	0.1*180	5*120	5.5917	4.117557	0.176779	-2.5533	13.73660
{8}-{16}	0.1*180	5*180	1.7083	3.010290	0.571340	-4.2463	7.66299
{8}-{17}	0.1*180	10*30	10.3583	4.117557	0.013080	2.2134	18.50327
{8}-{18}	0.1*180	10*60	4.3167	4.117557	0.296390	-3.8283	12.46160
{8}-{19}	0.1*180	10*120	7.6333	4.117557	0.065993	-0.5116	15.77827
{8}-{20}	0.1*180	10*180	6.3500	3.010290	0.036796	0.3953	12.30465
{9}-{10}	1*30	1*60	-14.2917	3.990051	0.000478	-22.1844	-6.39895

{9}-{11}	1*30	1*120	-2.9000	3.990051	0.468631	-10.7927	4.99271
{9}-{12}	1*30	1*180	1.0417	3.990051	0.794448	-6.8510	8.93438
{9}-{13}	1*30	5*30	-0.3500	3.010290	0.907617	-6.3047	5.60465
{9}-{14}	1*30	5*60	-5.9750	4.117557	0.149123	-14.1199	2.16993
{9}-{15}	1*30	5*120	2.4500	4.117557	0.552853	-5.6949	10.59493
{9}-{16}	1*30	5*180	-1.4333	4.117557	0.728317	-9.5783	6.71160
{9}-{17}	1*30	10*30	7.2167	3.010290	0.017915	1.2620	13.17132
{9}-{18}	1*30	10*60	1.1750	4.117557	0.775813	-6.9699	9.31993
{9}-{19}	1*30	10*120	4.4917	4.117557	0.277323	-3.6533	12.63660
{9}-{20}	1*30	10*180	3.2083	4.117557	0.437266	-4.9366	11.35327
{10}-{11}	1*60	1*120	11.3917	3.990051	0.005000	3.4990	19.28438
{10}-{12}	1*60	1*180	15.3333	3.990051	0.000188	7.4406	23.22605
{10}-{13}	1*60	5*30	13.9417	4.117557	0.000935	5.7967	22.08660
{10}-{14}	1*60	5*60	8.3167	3.010290	0.006550	2.3620	14.27132
{10}-{15}	1*60	5*120	16.7417	4.117557	0.000082	8.5967	24.88660
{10}-{16}	1*60	5*180	12.8583	4.117557	0.002202	4.7134	21.00327
{10}-{17}	1*60	10*30	21.5083	4.117557	0.000001	13.3634	29.65327
{10}-{18}	1*60	10*60	15.4667	3.010290	0.000001	9.5120	21.42132
{10}-{19}	1*60	10*120	18.7833	4.117557	0.000011	10.6384	26.92827

{10}-{20}	1*60	10*180	17.5000	4.117557	0.000040	9.3551	25.64493
{11}-{12}	1*120	1*180	3.9417	3.990051	0.325022	-3.9510	11.83438
{11}-{13}	1*120	5*30	2.5500	4.117557	0.536787	-5.5949	10.69493
{11}-{14}	1*120	5*60	-3.0750	4.117557	0.456511	-11.2199	5.06993
{11}-{15}	1*120	5*120	5.3500	3.010290	0.077832	-0.6047	11.30465
{11}-{16}	1*120	5*180	1.4667	4.117557	0.722261	-6.6783	9.61160
{11}-{17}	1*120	10*30	10.1167	4.117557	0.015310	1.9717	18.26160
{11}-{18}	1*120	10*60	4.0750	4.117557	0.324149	-4.0699	12.21993
{11}-{19}	1*120	10*120	7.3917	3.010290	0.015371	1.4370	13.34632
{11}-{20}	1*120	10*180	6.1083	4.117557	0.140329	-2.0366	14.25327
{12}-{13}	1*180	5*30	-1.3917	4.117557	0.735912	-9.5366	6.75327
{12}-{14}	1*180	5*60	-7.0167	4.117557	0.090718	-15.1616	1.12827
{12}-{15}	1*180	5*120	1.4083	4.117557	0.732871	-6.7366	9.55327
{12}-{16}	1*180	5*180	-2.4750	3.010290	0.412457	-8.4297	3.47965
{12}-{17}	1*180	10*30	6.1750	4.117557	0.136086	-1.9699	14.31993
{12}-{18}	1*180	10*60	0.1333	4.117557	0.974217	-8.0116	8.27827
{12}-{19}	1*180	10*120	3.4500	4.117557	0.403615	-4.6949	11.59493
{12}-{20}	1*180	10*180	2.1667	3.010290	0.472949	-3.7880	8.12132
{13}-{14}	5*30	5*60	-5.6250	3.990051	0.160963	-13.5177	2.26771

{13}-{15}	5*30	5*120	2.8000	3.990051	0.484073	-5.0927	10.69271
{13}-{16}	5*30	5*180	-1.0833	3.990051	0.786424	-8.9760	6.80938
{13}-{17}	5*30	10*30	7.5667	3.010290	0.013153	1.6120	13.52132
{13}-{18}	5*30	10*60	1.5250	4.117557	0.711704	-6.6199	9.66993
{13}-{19}	5*30	10*120	4.8417	4.117557	0.241768	-3.3033	12.98660
{13}-{20}	5*30	10*180	3.5583	4.117557	0.389054	-4.5866	11.70327
{14}-{15}	5*60	5*120	8.4250	3.990051	0.036614	0.5323	16.31771
{14}-{16}	5*60	5*180	4.5417	3.990051	0.257079	-3.3510	12.43438
{14}-{17}	5*60	10*30	13.1917	4.117557	0.001701	5.0467	21.33660
{14}-{18}	5*60	10*60	7.1500	3.010290	0.018979	1.1953	13.10465
{14}-{19}	5*60	10*120	10.4667	4.117557	0.012179	2.3217	18.61160
{14}-{20}	5*60	10*180	9.1833	4.117557	0.027417	1.0384	17.32827
{15}-{16}	5*120	5*180	-3.8833	3.990051	0.332207	-11.7760	4.00938
{15}-{17}	5*120	10*30	4.7667	4.117557	0.249100	-3.3783	12.91160
{15}-{18}	5*120	10*60	-1.2750	4.117557	0.757316	-9.4199	6.86993
{15}-{19}	5*120	10*120	2.0417	3.010290	0.498814	-3.9130	7.99632
{15}-{20}	5*120	10*180	0.7583	4.117557	0.854162	-7.3866	8.90327
{16}-{17}	5*180	10*30	8.6500	4.117557	0.037564	0.5051	16.79493
{16}-{18}	5*180	10*60	2.6083	4.117557	0.527525	-5.5366	10.75327

{16}-{19}	5*180	10*120	5.9250	4.117557	0.152529	-2.2199	14.06993
{16}-{20}	5*180	10*180	4.6417	3.010290	0.125484	-1.3130	10.59632
{17}-{18}	10*30	10*60	-6.0417	3.990051	0.132370	-13.9344	1.85105
{17}-{19}	10*30	10*120	-2.7250	3.990051	0.495836	-10.6177	5.16771
{17}-{20}	10*30	10*180	-4.0083	3.990051	0.316936	-11.9010	3.88438
{18}-{19}	10*60	10*120	3.3167	3.990051	0.407342	-4.5760	11.20938
{18}-{20}	10*60	10*180	2.0333	3.990051	0.611182	-5.8594	9.92605
{19}-{20}	10*120	10*180	-1.2833	3.990051	0.748239	-9.1760	6.60938

### v. WOB (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=3.0027, p=.00096$

Type V decomposition

Cell No.	Concentration	Time Point	WOB-Vel - Mean	WOB-Vel - Std.Err.	WOB-Vel - -95.00%	WOB-Vel - +95.00%	N
1	C	30	54.98333	2.345809	50.34309	59.62358	12
2	C	60	55.17500	2.345809	50.53476	59.81524	12

<b>3</b>	C	120	51.32500	2.345809	46.68476	55.96524	12
<b>4</b>	C	180	54.97500	2.345809	50.33476	59.61524	12
<b>5</b>	0.1	30	53.89167	2.345809	49.25142	58.53191	12
<b>6</b>	0.1	60	57.73333	2.345809	53.09309	62.37358	12
<b>7</b>	0.1	120	57.95000	2.345809	53.30976	62.59024	12
<b>8</b>	0.1	180	48.14167	2.345809	43.50142	52.78191	12
<b>9</b>	1	30	52.84167	2.345809	48.20142	57.48191	12
<b>10</b>	1	60	57.50000	2.345809	52.85976	62.14024	12
<b>11</b>	1	120	56.30833	2.345809	51.66809	60.94858	12
<b>12</b>	1	180	47.38333	2.345809	42.74309	52.02358	12
<b>13</b>	5	30	51.95000	2.345809	47.30976	56.59024	12
<b>14</b>	5	60	55.84167	2.345809	51.20142	60.48191	12
<b>15</b>	5	120	50.40000	2.345809	45.75976	55.04024	12

<b>16</b>	5	180	50.61667	2.345809	45.97642	55.25691	12
<b>17</b>	10	30	53.05833	2.345809	48.41809	57.69858	12
<b>18</b>	10	60	54.08333	2.345809	49.44309	58.72358	12
<b>19</b>	10	120	50.20000	2.345809	45.55976	54.84024	12
<b>20</b>	10	180	46.94167	2.345809	42.30142	51.58191	12

LSD test; variable WOB-Vel (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
<b>{1}-{2}</b>	C*30	C*60	-0.19167	3.038482	0.949798	-6.2021	5.81875
<b>{1}-{3}</b>	C*30	C*120	3.65833	3.038482	0.230744	-2.3521	9.66875
<b>{1}-{4}</b>	C*30	C*180	0.00833	3.038482	0.997816	-6.0021	6.01875
<b>{1}-{5}</b>	C*30	0.1*30	1.09167	2.106675	0.605190	-3.0755	5.25888
<b>{1}-{6}</b>	C*30	0.1*60	-2.75000	3.038482	0.367084	-8.7604	3.26042

{1}-{7}	C*30	0.1*120	-2.96667	3.038482	0.330670	-8.9771	3.04375
{1}-{8}	C*30	0.1*180	6.84167	3.038482	0.025995	0.8312	12.85208
{1}-{9}	C*30	1*30	2.14167	2.106675	0.311199	-2.0255	6.30888
{1}-{10}	C*30	1*60	-2.51667	3.038482	0.409016	-8.5271	3.49375
{1}-{11}	C*30	1*120	-1.32500	3.038482	0.663496	-7.3354	4.68542
{1}-{12}	C*30	1*180	7.60000	3.038482	0.013599	1.5896	13.61042
{1}-{13}	C*30	5*30	3.03333	2.106675	0.152272	-1.1339	7.20055
{1}-{14}	C*30	5*60	-0.85833	3.038482	0.778012	-6.8688	5.15208
{1}-{15}	C*30	5*120	4.58333	3.038482	0.133835	-1.4271	10.59375
{1}-{16}	C*30	5*180	4.36667	3.038482	0.153050	-1.6438	10.37708
{1}-{17}	C*30	10*30	1.92500	2.106675	0.362508	-2.2422	6.09221
{1}-{18}	C*30	10*60	0.90000	3.038482	0.767542	-5.1104	6.91042
{1}-{19}	C*30	10*120	4.78333	3.038482	0.117823	-1.2271	10.79375
{1}-{20}	C*30	10*180	8.04167	3.038482	0.009119	2.0312	14.05208
{2}-{3}	C*60	C*120	3.85000	3.038482	0.207358	-2.1604	9.86042
{2}-{4}	C*60	C*180	0.20000	3.038482	0.947619	-5.8104	6.21042
{2}-{5}	C*60	0.1*30	1.28333	3.038482	0.673449	-4.7271	7.29375
{2}-{6}	C*60	0.1*60	-2.55833	2.106675	0.226765	-6.7255	1.60888
{2}-{7}	C*60	0.1*120	-2.77500	3.038482	0.362758	-8.7854	3.23542



{2}-{8}	C*60	0.1*180	7.03333	3.038482	0.022170	1.0229	13.04375
{2}-{9}	C*60	1*30	2.33333	3.038482	0.443902	-3.6771	8.34375
{2}-{10}	C*60	1*60	-2.32500	2.106675	0.271760	-6.4922	1.84221
{2}-{11}	C*60	1*120	-1.13333	3.038482	0.709752	-7.1438	4.87708
{2}-{12}	C*60	1*180	7.79167	3.038482	0.011457	1.7812	13.80208
{2}-{13}	C*60	5*30	3.22500	3.038482	0.290453	-2.7854	9.23542
{2}-{14}	C*60	5*60	-0.66667	2.106675	0.752158	-4.8339	3.50055
{2}-{15}	C*60	5*120	4.77500	3.038482	0.118459	-1.2354	10.78542
{2}-{16}	C*60	5*180	4.55833	3.038482	0.135950	-1.4521	10.56875
{2}-{17}	C*60	10*30	2.11667	3.038482	0.487266	-3.8938	8.12708
{2}-{18}	C*60	10*60	1.09167	2.106675	0.605190	-3.0755	5.25888
{2}-{19}	C*60	10*120	4.97500	3.038482	0.103943	-1.0354	10.98542
{2}-{20}	C*60	10*180	8.23333	3.038482	0.007629	2.2229	14.24375
{3}-{4}	C*120	C*180	-3.65000	3.038482	0.231802	-9.6604	2.36042
{3}-{5}	C*120	0.1*30	-2.56667	3.038482	0.399796	-8.5771	3.44375
{3}-{6}	C*120	0.1*60	-6.40833	3.038482	0.036828	-12.4188	-0.39792
{3}-{7}	C*120	0.1*120	-6.62500	2.106675	0.002054	-10.7922	-2.45779
{3}-{8}	C*120	0.1*180	3.18333	3.038482	0.296704	-2.8271	9.19375
{3}-{9}	C*120	1*30	-1.51667	3.038482	0.618503	-7.5271	4.49375

{3}-{10}	C*120	1*60	-6.17500	3.038482	0.044133	-12.1854	-0.16458
{3}-{11}	C*120	1*120	-4.98333	2.106675	0.019461	-9.1505	-0.81612
{3}-{12}	C*120	1*180	3.94167	3.038482	0.196808	-2.0688	9.95208
{3}-{13}	C*120	5*30	-0.62500	3.038482	0.837346	-6.6354	5.38542
{3}-{14}	C*120	5*60	-4.51667	3.038482	0.139535	-10.5271	1.49375
{3}-{15}	C*120	5*120	0.92500	2.106675	0.661321	-3.2422	5.09221
{3}-{16}	C*120	5*180	0.70833	3.038482	0.816029	-5.3021	6.71875
{3}-{17}	C*120	10*30	-1.73333	3.038482	0.569335	-7.7438	4.27708
{3}-{18}	C*120	10*60	-2.75833	3.038482	0.365638	-8.7688	3.25208
{3}-{19}	C*120	10*120	1.12500	2.106675	0.594228	-3.0422	5.29221
{3}-{20}	C*120	10*180	4.38333	3.038482	0.151500	-1.6271	10.39375
{4}-{5}	C*180	0.1*30	1.08333	3.038482	0.722007	-4.9271	7.09375
{4}-{6}	C*180	0.1*60	-2.75833	3.038482	0.365638	-8.7688	3.25208
{4}-{7}	C*180	0.1*120	-2.97500	3.038482	0.329318	-8.9854	3.03542
{4}-{8}	C*180	0.1*180	6.83333	2.106675	0.001495	2.6661	11.00055
{4}-{9}	C*180	1*30	2.13333	3.038482	0.483850	-3.8771	8.14375
{4}-{10}	C*180	1*60	-2.52500	3.038482	0.407470	-8.5354	3.48542
{4}-{11}	C*180	1*120	-1.33333	3.038482	0.661513	-7.3438	4.67708
{4}-{12}	C*180	1*180	7.59167	2.106675	0.000443	3.4245	11.75888

{4}-{13}	C*180	5*30	3.02500	3.038482	0.321284	-2.9854	9.03542
{4}-{14}	C*180	5*60	-0.86667	3.038482	0.775915	-6.8771	5.14375
{4}-{15}	C*180	5*120	4.57500	3.038482	0.134537	-1.4354	10.58542
{4}-{16}	C*180	5*180	4.35833	2.106675	0.040514	0.1911	8.52555
{4}-{17}	C*180	10*30	1.91667	3.038482	0.529264	-4.0938	7.92708
{4}-{18}	C*180	10*60	0.89167	3.038482	0.769633	-5.1188	6.90208
{4}-{19}	C*180	10*120	4.77500	3.038482	0.118459	-1.2354	10.78542
{4}-{20}	C*180	10*180	8.03333	2.106675	0.000210	3.8661	12.20055
{5}-{6}	0.1*30	0.1*60	-3.84167	3.038482	0.208337	-9.8521	2.16875
{5}-{7}	0.1*30	0.1*120	-4.05833	3.038482	0.183964	-10.0688	1.95208
{5}-{8}	0.1*30	0.1*180	5.75000	3.038482	0.060629	-0.2604	11.76042
{5}-{9}	0.1*30	1*30	1.05000	2.106675	0.619021	-3.1172	5.21721
{5}-{10}	0.1*30	1*60	-3.60833	3.038482	0.237145	-9.6188	2.40208
{5}-{11}	0.1*30	1*120	-2.41667	3.038482	0.427836	-8.4271	3.59375
{5}-{12}	0.1*30	1*180	6.50833	3.038482	0.034032	0.4979	12.51875
{5}-{13}	0.1*30	5*30	1.94167	2.106675	0.358380	-2.2255	6.10888
{5}-{14}	0.1*30	5*60	-1.95000	3.038482	0.522137	-7.9604	4.06042
{5}-{15}	0.1*30	5*120	3.49167	3.038482	0.252573	-2.5188	9.50208
{5}-{16}	0.1*30	5*180	3.27500	3.038482	0.283070	-2.7354	9.28542

{5}-{17}	0.1*30	10*30	0.83333	2.106675	0.693062	-3.3339	5.00055
{5}-{18}	0.1*30	10*60	-0.19167	3.038482	0.949798	-6.2021	5.81875
{5}-{19}	0.1*30	10*120	3.69167	3.038482	0.226546	-2.3188	9.70208
{5}-{20}	0.1*30	10*180	6.95000	3.038482	0.023768	0.9396	12.96042
{6}-{7}	0.1*60	0.1*120	-0.21667	3.038482	0.943261	-6.2271	5.79375
{6}-{8}	0.1*60	0.1*180	9.59167	3.038482	0.001977	3.5812	15.60208
{6}-{9}	0.1*60	1*30	4.89167	3.038482	0.109807	-1.1188	10.90208
{6}-{10}	0.1*60	1*60	0.23333	2.106675	0.911976	-3.9339	4.40055
{6}-{11}	0.1*60	1*120	1.42500	3.038482	0.639855	-4.5854	7.43542
{6}-{12}	0.1*60	1*180	10.35000	3.038482	0.000873	4.3396	16.36042
{6}-{13}	0.1*60	5*30	5.78333	3.038482	0.059170	-0.2271	11.79375
{6}-{14}	0.1*60	5*60	1.89167	2.106675	0.370853	-2.2755	6.05888
{6}-{15}	0.1*60	5*120	7.33333	3.038482	0.017173	1.3229	13.34375
{6}-{16}	0.1*60	5*180	7.11667	3.038482	0.020667	1.1062	13.12708
{6}-{17}	0.1*60	10*30	4.67500	3.038482	0.126296	-1.3354	10.68542
{6}-{18}	0.1*60	10*60	3.65000	2.106675	0.085505	-0.5172	7.81721
{6}-{19}	0.1*60	10*120	7.53333	3.038482	0.014424	1.5229	13.54375
{6}-{20}	0.1*60	10*180	10.79167	3.038482	0.000531	4.7812	16.80208
{7}-{8}	0.1*120	0.1*180	9.80833	3.038482	0.001572	3.7979	15.81875

{7}-{9}	0.1*120	1*30	5.10833	3.038482	0.095086	-0.9021	11.11875
{7}-{10}	0.1*120	1*60	0.45000	3.038482	0.882490	-5.5604	6.46042
{7}-{11}	0.1*120	1*120	1.64167	2.106675	0.437216	-2.5255	5.80888
{7}-{12}	0.1*120	1*180	10.56667	3.038482	0.000686	4.5562	16.57708
{7}-{13}	0.1*120	5*30	6.00000	3.038482	0.050393	-0.0104	12.01042
{7}-{14}	0.1*120	5*60	2.10833	3.038482	0.488978	-3.9021	8.11875
{7}-{15}	0.1*120	5*120	7.55000	2.106675	0.000475	3.3828	11.71721
{7}-{16}	0.1*120	5*180	7.33333	3.038482	0.017173	1.3229	13.34375
{7}-{17}	0.1*120	10*30	4.89167	3.038482	0.109807	-1.1188	10.90208
{7}-{18}	0.1*120	10*60	3.86667	3.038482	0.205409	-2.1438	9.87708
{7}-{19}	0.1*120	10*120	7.75000	2.106675	0.000340	3.5828	11.91721
{7}-{20}	0.1*120	10*180	11.00833	3.038482	0.000414	4.9979	17.01875
{8}-{9}	0.1*180	1*30	-4.70000	3.038482	0.124300	-10.7104	1.31042
{8}-{10}	0.1*180	1*60	-9.35833	3.038482	0.002520	-15.3688	-3.34792
{8}-{11}	0.1*180	1*120	-8.16667	3.038482	0.008120	-14.1771	-2.15625
{8}-{12}	0.1*180	1*180	0.75833	2.106675	0.719447	-3.4089	4.92555
{8}-{13}	0.1*180	5*30	-3.80833	3.038482	0.212288	-9.8188	2.20208
{8}-{14}	0.1*180	5*60	-7.70000	3.038482	0.012440	-13.7104	-1.68958
{8}-{15}	0.1*180	5*120	-2.25833	3.038482	0.458655	-8.2688	3.75208

{8}-{16}	0.1*180	5*180	-2.47500	2.106675	0.242175	-6.6422	1.69221
{8}-{17}	0.1*180	10*30	-4.91667	3.038482	0.108021	-10.9271	1.09375
{8}-{18}	0.1*180	10*60	-5.94167	3.038482	0.052640	-11.9521	0.06875
{8}-{19}	0.1*180	10*120	-2.05833	3.038482	0.499324	-8.0688	3.95208
{8}-{20}	0.1*180	10*180	1.20000	2.106675	0.569905	-2.9672	5.36721
{9}-{10}	1*30	1*60	-4.65833	3.038482	0.127641	-10.6688	1.35208
{9}-{11}	1*30	1*120	-3.46667	3.038482	0.255969	-9.4771	2.54375
{9}-{12}	1*30	1*180	5.45833	3.038482	0.074718	-0.5521	11.46875
{9}-{13}	1*30	5*30	0.89167	2.106675	0.672796	-3.2755	5.05888
{9}-{14}	1*30	5*60	-3.00000	3.038482	0.325285	-9.0104	3.01042
{9}-{15}	1*30	5*120	2.44167	3.038482	0.423084	-3.5688	8.45208
{9}-{16}	1*30	5*180	2.22500	3.038482	0.465300	-3.7854	8.23542
{9}-{17}	1*30	10*30	-0.21667	2.106675	0.918240	-4.3839	3.95055
{9}-{18}	1*30	10*60	-1.24167	3.038482	0.683461	-7.2521	4.76875
{9}-{19}	1*30	10*120	2.64167	3.038482	0.386205	-3.3688	8.65208
{9}-{20}	1*30	10*180	5.90000	3.038482	0.054296	-0.1104	11.91042
{10}-{11}	1*60	1*120	1.19167	3.038482	0.695549	-4.8188	7.20208
{10}-{12}	1*60	1*180	10.11667	3.038482	0.001128	4.1062	16.12708
{10}-{13}	1*60	5*30	5.55000	3.038482	0.070024	-0.4604	11.56042

{10}-{14}	1*60	5*60	1.65833	2.106675	0.432587	-2.5089	5.82555
{10}-{15}	1*60	5*120	7.10000	3.038482	0.020961	1.0896	13.11042
{10}-{16}	1*60	5*180	6.88333	3.038482	0.025118	0.8729	12.89375
{10}-{17}	1*60	10*30	4.44167	3.038482	0.146171	-1.5688	10.45208
{10}-{18}	1*60	10*60	3.41667	2.106675	0.107226	-0.7505	7.58388
{10}-{19}	1*60	10*120	7.30000	3.038482	0.017674	1.2896	13.31042
{10}-{20}	1*60	10*180	10.55833	3.038482	0.000692	4.5479	16.56875
{11}-{12}	1*120	1*180	8.92500	3.038482	0.003908	2.9146	14.93542
{11}-{13}	1*120	5*30	4.35833	3.038482	0.153829	-1.6521	10.36875
{11}-{14}	1*120	5*60	0.46667	3.038482	0.878171	-5.5438	6.47708
{11}-{15}	1*120	5*120	5.90833	2.106675	0.005800	1.7411	10.07555
{11}-{16}	1*120	5*180	5.69167	3.038482	0.063253	-0.3188	11.70208
{11}-{17}	1*120	10*30	3.25000	3.038482	0.286745	-2.7604	9.26042
{11}-{18}	1*120	10*60	2.22500	3.038482	0.465300	-3.7854	8.23542
{11}-{19}	1*120	10*120	6.10833	2.106675	0.004379	1.9411	10.27555
{11}-{20}	1*120	10*180	9.36667	3.038482	0.002498	3.3562	15.37708
{12}-{13}	1*180	5*30	-4.56667	3.038482	0.135242	-10.5771	1.44375
{12}-{14}	1*180	5*60	-8.45833	3.038482	0.006163	-14.4688	-2.44792
{12}-{15}	1*180	5*120	-3.01667	3.038482	0.322614	-9.0271	2.99375

{12}-{16}	1*180	5*180	-3.23333	2.106675	0.127225	-7.4005	0.93388
{12}-{17}	1*180	10*30	-5.67500	3.038482	0.064020	-11.6854	0.33542
{12}-{18}	1*180	10*60	-6.70000	3.038482	0.029182	-12.7104	-0.68958
{12}-{19}	1*180	10*120	-2.81667	3.038482	0.355619	-8.8271	3.19375
{12}-{20}	1*180	10*180	0.44167	2.106675	0.834263	-3.7255	4.60888
{13}-{14}	5*30	5*60	-3.89167	3.038482	0.202512	-9.9021	2.11875
{13}-{15}	5*30	5*120	1.55000	3.038482	0.610817	-4.4604	7.56042
{13}-{16}	5*30	5*180	1.33333	3.038482	0.661513	-4.6771	7.34375
{13}-{17}	5*30	10*30	-1.10833	2.106675	0.599698	-5.2755	3.05888
{13}-{18}	5*30	10*60	-2.13333	3.038482	0.483850	-8.1438	3.87708
{13}-{19}	5*30	10*120	1.75000	3.038482	0.565633	-4.2604	7.76042
{13}-{20}	5*30	10*180	5.00833	3.038482	0.101669	-1.0021	11.01875
{14}-{15}	5*60	5*120	5.44167	3.038482	0.075598	-0.5688	11.45208
{14}-{16}	5*60	5*180	5.22500	3.038482	0.087847	-0.7854	11.23542
{14}-{17}	5*60	10*30	2.78333	3.038482	0.361323	-3.2271	8.79375
{14}-{18}	5*60	10*60	1.75833	2.106675	0.405424	-2.4089	5.92555
{14}-{19}	5*60	10*120	5.64167	3.038482	0.065577	-0.3688	11.65208
{14}-{20}	5*60	10*180	8.90000	3.038482	0.004006	2.8896	14.91042
{15}-{16}	5*120	5*180	-0.21667	3.038482	0.943261	-6.2271	5.79375



{15}-{17}	5*120	10*30	-2.65833	3.038482	0.383224	-8.6688	3.35208
{15}-{18}	5*120	10*60	-3.68333	3.038482	0.227590	-9.6938	2.32708
{15}-{19}	5*120	10*120	0.20000	2.106675	0.924509	-3.9672	4.36721
{15}-{20}	5*120	10*180	3.45833	3.038482	0.257108	-2.5521	9.46875
{16}-{17}	5*180	10*30	-2.44167	3.038482	0.423084	-8.4521	3.56875
{16}-{18}	5*180	10*60	-3.46667	3.038482	0.255969	-9.4771	2.54375
{16}-{19}	5*180	10*120	0.41667	3.038482	0.891137	-5.5938	6.42708
{16}-{20}	5*180	10*180	3.67500	2.106675	0.083407	-0.4922	7.84221
{17}-{18}	10*30	10*60	-1.02500	3.038482	0.736397	-7.0354	4.98542
{17}-{19}	10*30	10*120	2.85833	3.038482	0.348571	-3.1521	8.86875
{17}-{20}	10*30	10*180	6.11667	3.038482	0.046141	0.1062	12.12708
{18}-{19}	10*60	10*120	3.88333	3.038482	0.203474	-2.1271	9.89375
{18}-{20}	10*60	10*180	7.14167	3.038482	0.020235	1.1312	13.15208
{19}-{20}	10*120	10*180	3.25833	3.038482	0.285517	-2.7521	9.26875

### w. ALH ( $\mu\text{m/s}$ )

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 132)=2.0429, p=.02514$

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>ALH-Others - Mean</b>	<b>ALH-Others - Std.Err.</b>	<b>ALH-Others - -95.00%</b>	<b>ALH-Others - +95.00%</b>	<b>N</b>
1	C	30	1.341667	0.166794	1.011731	1.671603	12
2	C	60	1.791667	0.166794	1.461731	2.121603	12
3	C	120	1.708333	0.166794	1.378397	2.038269	12
4	C	180	1.683333	0.166794	1.353397	2.013269	12
5	0.1	30	1.500000	0.166794	1.170064	1.829936	12
6	0.1	60	1.733333	0.166794	1.403397	2.063269	12
7	0.1	120	1.483333	0.166794	1.153397	1.813269	12
8	0.1	180	1.375000	0.166794	1.045064	1.704936	12
9	1	30	1.433333	0.166794	1.103397	1.763269	12
10	1	60	1.766667	0.166794	1.436731	2.096603	12
11	1	120	1.366667	0.166794	1.036731	1.696603	12

12	1	180	1.050000	0.166794	0.720064	1.379936	12
13	5	30	1.225000	0.166794	0.895064	1.554936	12
14	5	60	1.675000	0.166794	1.345064	2.004936	12
15	5	120	1.066667	0.166794	0.736731	1.396603	12
16	5	180	1.333333	0.166794	1.003397	1.663269	12
17	10	30	1.241667	0.166794	0.911731	1.571603	12
18	10	60	1.391667	0.166794	1.061731	1.721603	12
19	10	120	1.000000	0.166794	0.670064	1.329936	12
20	10	180	1.258333	0.166794	0.928397	1.588269	12

LSD test; variable ALH-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	-0.450000	0.219219	0.042073	-0.88364	-0.016363
{1}-{3}	C*30	C*120	-0.366667	0.219219	0.096774	-0.80030	0.066970
{1}-{4}	C*30	C*180	-0.341667	0.219219	0.121494	-0.77530	0.091970
{1}-{5}	C*30	0.1*30	-0.158333	0.158394	0.319325	-0.47165	0.154986
{1}-{6}	C*30	0.1*60	-0.391667	0.219647	0.076858	-0.82615	0.042817
{1}-{7}	C*30	0.1*120	-0.141667	0.219647	0.520064	-0.57615	0.292817
{1}-{8}	C*30	0.1*180	-0.033333	0.219647	0.879609	-0.46782	0.401151
{1}-{9}	C*30	1*30	-0.091667	0.158394	0.563761	-0.40499	0.221653
{1}-{10}	C*30	1*60	-0.425000	0.219647	0.055139	-0.85948	0.009484
{1}-{11}	C*30	1*120	-0.025000	0.219647	0.909554	-0.45948	0.409484
{1}-{12}	C*30	1*180	0.291667	0.219647	0.186507	-0.14282	0.726151
{1}-{13}	C*30	5*30	0.116667	0.158394	0.462697	-0.19665	0.429986
{1}-{14}	C*30	5*60	-0.333333	0.219647	0.131511	-0.76782	0.101151
{1}-{15}	C*30	5*120	0.275000	0.219647	0.212781	-0.15948	0.709484
{1}-{16}	C*30	5*180	0.008333	0.219647	0.969793	-0.42615	0.442817
{1}-{17}	C*30	10*30	0.100000	0.158394	0.528912	-0.21332	0.413319
{1}-{18}	C*30	10*60	-0.050000	0.219647	0.820280	-0.48448	0.384484
{1}-{19}	C*30	10*120	0.341667	0.219647	0.122216	-0.09282	0.776151

{1}-{20}	C*30	10*180	0.083333	0.219647	0.705003	-0.35115	0.517817
{2}-{3}	C*60	C*120	0.083333	0.219219	0.704455	-0.35030	0.516970
{2}-{4}	C*60	C*180	0.108333	0.219219	0.622002	-0.32530	0.541970
{2}-{5}	C*60	0.1*30	0.291667	0.219647	0.186507	-0.14282	0.726151
{2}-{6}	C*60	0.1*60	0.058333	0.158394	0.713255	-0.25499	0.371653
{2}-{7}	C*60	0.1*120	0.308333	0.219647	0.162737	-0.12615	0.742817
{2}-{8}	C*60	0.1*180	0.416667	0.219647	0.060015	-0.01782	0.851151
{2}-{9}	C*60	1*30	0.358333	0.219647	0.105189	-0.07615	0.792817
{2}-{10}	C*60	1*60	0.025000	0.158394	0.874829	-0.28832	0.338319
{2}-{11}	C*60	1*120	0.425000	0.219647	0.055139	-0.00948	0.859484
{2}-{12}	C*60	1*180	0.741667	0.219647	0.000964	0.30718	1.176151
{2}-{13}	C*60	5*30	0.566667	0.219647	0.010977	0.13218	1.001151
{2}-{14}	C*60	5*60	0.116667	0.158394	0.462697	-0.19665	0.429986
{2}-{15}	C*60	5*120	0.725000	0.219647	0.001240	0.29052	1.159484
{2}-{16}	C*60	5*180	0.458333	0.219647	0.038841	0.02385	0.892817
{2}-{17}	C*60	10*30	0.550000	0.219647	0.013498	0.11552	0.984484
{2}-{18}	C*60	10*60	0.400000	0.158394	0.012741	0.08668	0.713319
{2}-{19}	C*60	10*120	0.791667	0.219647	0.000442	0.35718	1.226151
{2}-{20}	C*60	10*180	0.533333	0.219647	0.016524	0.09885	0.967817

{3}-{4}	C*120	C*180	0.025000	0.219219	0.909378	-0.40864	0.458637
{3}-{5}	C*120	0.1*30	0.208333	0.219647	0.344613	-0.22615	0.642817
{3}-{6}	C*120	0.1*60	-0.025000	0.219647	0.909554	-0.45948	0.409484
{3}-{7}	C*120	0.1*120	0.225000	0.158394	0.157818	-0.08832	0.538319
{3}-{8}	C*120	0.1*180	0.333333	0.219647	0.131511	-0.10115	0.767817
{3}-{9}	C*120	1*30	0.275000	0.219647	0.212781	-0.15948	0.709484
{3}-{10}	C*120	1*60	-0.058333	0.219647	0.790979	-0.49282	0.376151
{3}-{11}	C*120	1*120	0.341667	0.158394	0.032812	0.02835	0.654986
{3}-{12}	C*120	1*180	0.658333	0.219647	0.003256	0.22385	1.092817
{3}-{13}	C*120	5*30	0.483333	0.219647	0.029511	0.04885	0.917817
{3}-{14}	C*120	5*60	0.033333	0.219647	0.879609	-0.40115	0.467817
{3}-{15}	C*120	5*120	0.641667	0.158394	0.000087	0.32835	0.954986
{3}-{16}	C*120	5*180	0.375000	0.219647	0.090121	-0.05948	0.809484
{3}-{17}	C*120	10*30	0.466667	0.219647	0.035483	0.03218	0.901151
{3}-{18}	C*120	10*60	0.316667	0.219647	0.151754	-0.11782	0.751151
{3}-{19}	C*120	10*120	0.708333	0.158394	0.000017	0.39501	1.021653
{3}-{20}	C*120	10*180	0.450000	0.219647	0.042469	0.01552	0.884484
{4}-{5}	C*180	0.1*30	0.183333	0.219647	0.405411	-0.25115	0.617817
{4}-{6}	C*180	0.1*60	-0.050000	0.219647	0.820280	-0.48448	0.384484

{4}-{7}	C*180	0.1*120	0.200000	0.219647	0.364192	-0.23448	0.634484
{4}-{8}	C*180	0.1*180	0.308333	0.158394	0.053704	-0.00499	0.621653
{4}-{9}	C*180	1*30	0.250000	0.219647	0.257104	-0.18448	0.684484
{4}-{10}	C*180	1*60	-0.083333	0.219647	0.705003	-0.51782	0.351151
{4}-{11}	C*180	1*120	0.316667	0.219647	0.151754	-0.11782	0.751151
{4}-{12}	C*180	1*180	0.633333	0.158394	0.000106	0.32001	0.946653
{4}-{13}	C*180	5*30	0.458333	0.219647	0.038841	0.02385	0.892817
{4}-{14}	C*180	5*60	0.008333	0.219647	0.969793	-0.42615	0.442817
{4}-{15}	C*180	5*120	0.616667	0.219647	0.005750	0.18218	1.051151
{4}-{16}	C*180	5*180	0.350000	0.158394	0.028851	0.03668	0.663319
{4}-{17}	C*180	10*30	0.441667	0.219647	0.046384	0.00718	0.876151
{4}-{18}	C*180	10*60	0.291667	0.219647	0.186507	-0.14282	0.726151
{4}-{19}	C*180	10*120	0.683333	0.219647	0.002285	0.24885	1.117817
{4}-{20}	C*180	10*180	0.425000	0.158394	0.008226	0.11168	0.738319
{5}-{6}	0.1*30	0.1*60	-0.233333	0.219219	0.289098	-0.66697	0.200304
{5}-{7}	0.1*30	0.1*120	0.016667	0.219219	0.939512	-0.41697	0.450304
{5}-{8}	0.1*30	0.1*180	0.125000	0.219219	0.569507	-0.30864	0.558637
{5}-{9}	0.1*30	1*30	0.066667	0.158394	0.674519	-0.24665	0.379986
{5}-{10}	0.1*30	1*60	-0.266667	0.219647	0.226890	-0.70115	0.167817

{5}-{11}	0.1*30	1*120	0.133333	0.219647	0.544871	-0.30115	0.567817
{5}-{12}	0.1*30	1*180	0.450000	0.219647	0.042469	0.01552	0.884484
{5}-{13}	0.1*30	5*30	0.275000	0.158394	0.084866	-0.03832	0.588319
{5}-{14}	0.1*30	5*60	-0.175000	0.219647	0.427038	-0.60948	0.259484
{5}-{15}	0.1*30	5*120	0.433333	0.219647	0.050601	-0.00115	0.867817
{5}-{16}	0.1*30	5*180	0.166667	0.219647	0.449330	-0.26782	0.601151
{5}-{17}	0.1*30	10*30	0.258333	0.158394	0.105284	-0.05499	0.571653
{5}-{18}	0.1*30	10*60	0.108333	0.219647	0.622680	-0.32615	0.542817
{5}-{19}	0.1*30	10*120	0.500000	0.219647	0.024433	0.06552	0.934484
{5}-{20}	0.1*30	10*180	0.241667	0.219647	0.273226	-0.19282	0.676151
{6}-{7}	0.1*60	0.1*120	0.250000	0.219219	0.256180	-0.18364	0.683637
{6}-{8}	0.1*60	0.1*180	0.358333	0.219219	0.104518	-0.07530	0.791970
{6}-{9}	0.1*60	1*30	0.300000	0.219647	0.174316	-0.13448	0.734484
{6}-{10}	0.1*60	1*60	-0.033333	0.158394	0.833644	-0.34665	0.279986
{6}-{11}	0.1*60	1*120	0.366667	0.219647	0.097419	-0.06782	0.801151
{6}-{12}	0.1*60	1*180	0.683333	0.219647	0.002285	0.24885	1.117817
{6}-{13}	0.1*60	5*30	0.508333	0.219647	0.022195	0.07385	0.942817
{6}-{14}	0.1*60	5*60	0.058333	0.158394	0.713255	-0.25499	0.371653
{6}-{15}	0.1*60	5*120	0.666667	0.219647	0.002897	0.23218	1.101151



{6}-{16}	0.1*60	5*180	0.400000	0.219647	0.070856	-0.03448	0.834484
{6}-{17}	0.1*60	10*30	0.491667	0.219647	0.026867	0.05718	0.926151
{6}-{18}	0.1*60	10*60	0.341667	0.158394	0.032812	0.02835	0.654986
{6}-{19}	0.1*60	10*120	0.733333	0.219647	0.001094	0.29885	1.167817
{6}-{20}	0.1*60	10*180	0.475000	0.219647	0.032378	0.04052	0.909484
{7}-{8}	0.1*120	0.1*180	0.108333	0.219219	0.622002	-0.32530	0.541970
{7}-{9}	0.1*120	1*30	0.050000	0.219647	0.820280	-0.38448	0.484484
{7}-{10}	0.1*120	1*60	-0.283333	0.219647	0.199325	-0.71782	0.151151
{7}-{11}	0.1*120	1*120	0.116667	0.158394	0.462697	-0.19665	0.429986
{7}-{12}	0.1*120	1*180	0.433333	0.219647	0.050601	-0.00115	0.867817
{7}-{13}	0.1*120	5*30	0.258333	0.219647	0.241661	-0.17615	0.692817
{7}-{14}	0.1*120	5*60	-0.191667	0.219647	0.384460	-0.62615	0.242817
{7}-{15}	0.1*120	5*120	0.416667	0.158394	0.009538	0.10335	0.729986
{7}-{16}	0.1*120	5*180	0.150000	0.219647	0.495859	-0.28448	0.584484
{7}-{17}	0.1*120	10*30	0.241667	0.219647	0.273226	-0.19282	0.676151
{7}-{18}	0.1*120	10*60	0.091667	0.219647	0.677111	-0.34282	0.526151
{7}-{19}	0.1*120	10*120	0.483333	0.158394	0.002754	0.17001	0.796653
{7}-{20}	0.1*120	10*180	0.225000	0.219647	0.307534	-0.20948	0.659484
{8}-{9}	0.1*180	1*30	-0.058333	0.219647	0.790979	-0.49282	0.376151

{8}-{10}	0.1*180	1*60	-0.391667	0.219647	0.076858	-0.82615	0.042817
{8}-{11}	0.1*180	1*120	0.008333	0.219647	0.969793	-0.42615	0.442817
{8}-{12}	0.1*180	1*180	0.325000	0.158394	0.042162	0.01168	0.638319
{8}-{13}	0.1*180	5*30	0.150000	0.219647	0.495859	-0.28448	0.584484
{8}-{14}	0.1*180	5*60	-0.300000	0.219647	0.174316	-0.73448	0.134484
{8}-{15}	0.1*180	5*120	0.308333	0.219647	0.162737	-0.12615	0.742817
{8}-{16}	0.1*180	5*180	0.041667	0.158394	0.792917	-0.27165	0.354986
{8}-{17}	0.1*180	10*30	0.133333	0.219647	0.544871	-0.30115	0.567817
{8}-{18}	0.1*180	10*60	-0.016667	0.219647	0.939630	-0.45115	0.417817
{8}-{19}	0.1*180	10*120	0.375000	0.219647	0.090121	-0.05948	0.809484
{8}-{20}	0.1*180	10*180	0.116667	0.158394	0.462697	-0.19665	0.429986
{9}-{10}	1*30	1*60	-0.333333	0.219219	0.130765	-0.76697	0.100304
{9}-{11}	1*30	1*120	0.066667	0.219219	0.761523	-0.36697	0.500304
{9}-{12}	1*30	1*180	0.383333	0.219219	0.082680	-0.05030	0.816970
{9}-{13}	1*30	5*30	0.208333	0.158394	0.190694	-0.10499	0.521653
{9}-{14}	1*30	5*60	-0.241667	0.219647	0.273226	-0.67615	0.192817
{9}-{15}	1*30	5*120	0.366667	0.219647	0.097419	-0.06782	0.801151
{9}-{16}	1*30	5*180	0.100000	0.219647	0.649659	-0.33448	0.534484
{9}-{17}	1*30	10*30	0.191667	0.158394	0.228418	-0.12165	0.504986

{9}-{18}	1*30	10*60	0.041667	0.219647	0.849837	-0.39282	0.476151
{9}-{19}	1*30	10*120	0.433333	0.219647	0.050601	-0.00115	0.867817
{9}-{20}	1*30	10*180	0.175000	0.219647	0.427038	-0.25948	0.609484
{10}-{11}	1*60	1*120	0.400000	0.219219	0.070314	-0.03364	0.833637
{10}-{12}	1*60	1*180	0.716667	0.219219	0.001376	0.28303	1.150304
{10}-{13}	1*60	5*30	0.541667	0.219647	0.014943	0.10718	0.976151
{10}-{14}	1*60	5*60	0.091667	0.158394	0.563761	-0.22165	0.404986
{10}-{15}	1*60	5*120	0.700000	0.219647	0.001795	0.26552	1.134484
{10}-{16}	1*60	5*180	0.433333	0.219647	0.050601	-0.00115	0.867817
{10}-{17}	1*60	10*30	0.525000	0.219647	0.018252	0.09052	0.959484
{10}-{18}	1*60	10*60	0.375000	0.158394	0.019360	0.06168	0.688319
{10}-{19}	1*60	10*120	0.766667	0.219647	0.000656	0.33218	1.201151
{10}-{20}	1*60	10*180	0.508333	0.219647	0.022195	0.07385	0.942817
{11}-{12}	1*120	1*180	0.316667	0.219219	0.150962	-0.11697	0.750304
{11}-{13}	1*120	5*30	0.141667	0.219647	0.520064	-0.29282	0.576151
{11}-{14}	1*120	5*60	-0.308333	0.219647	0.162737	-0.74282	0.126151
{11}-{15}	1*120	5*120	0.300000	0.158394	0.060412	-0.01332	0.613319
{11}-{16}	1*120	5*180	0.033333	0.219647	0.879609	-0.40115	0.467817
{11}-{17}	1*120	10*30	0.125000	0.219647	0.570259	-0.30948	0.559484

{11}-{18}	1*120	10*60	-0.025000	0.219647	0.909554	-0.45948	0.409484
{11}-{19}	1*120	10*120	0.366667	0.158394	0.022162	0.05335	0.679986
{11}-{20}	1*120	10*180	0.108333	0.219647	0.622680	-0.32615	0.542817
{12}-{13}	1*180	5*30	-0.175000	0.219647	0.427038	-0.60948	0.259484
{12}-{14}	1*180	5*60	-0.625000	0.219647	0.005143	-1.05948	-0.190516
{12}-{15}	1*180	5*120	-0.016667	0.219647	0.939630	-0.45115	0.417817
{12}-{16}	1*180	5*180	-0.283333	0.158394	0.075943	-0.59665	0.029986
{12}-{17}	1*180	10*30	-0.191667	0.219647	0.384460	-0.62615	0.242817
{12}-{18}	1*180	10*60	-0.341667	0.219647	0.122216	-0.77615	0.092817
{12}-{19}	1*180	10*120	0.050000	0.219647	0.820280	-0.38448	0.484484
{12}-{20}	1*180	10*180	-0.208333	0.158394	0.190694	-0.52165	0.104986
{13}-{14}	5*30	5*60	-0.450000	0.219219	0.042073	-0.88364	-0.016363
{13}-{15}	5*30	5*120	0.158333	0.219219	0.471412	-0.27530	0.591970
{13}-{16}	5*30	5*180	-0.108333	0.219219	0.622002	-0.54197	0.325304
{13}-{17}	5*30	10*30	-0.016667	0.158394	0.916359	-0.32999	0.296653
{13}-{18}	5*30	10*60	-0.166667	0.219647	0.449330	-0.60115	0.267817
{13}-{19}	5*30	10*120	0.225000	0.219647	0.307534	-0.20948	0.659484
{13}-{20}	5*30	10*180	-0.033333	0.219647	0.879609	-0.46782	0.401151
{14}-{15}	5*60	5*120	0.608333	0.219219	0.006322	0.17470	1.041970

{14}-{16}	5*60	5*180	0.341667	0.219219	0.121494	-0.09197	0.775304
{14}-{17}	5*60	10*30	0.433333	0.219647	0.050601	-0.00115	0.867817
{14}-{18}	5*60	10*60	0.283333	0.158394	0.075943	-0.02999	0.596653
{14}-{19}	5*60	10*120	0.675000	0.219647	0.002574	0.24052	1.109484
{14}-{20}	5*60	10*180	0.416667	0.219647	0.060015	-0.01782	0.851151
{15}-{16}	5*120	5*180	-0.266667	0.219219	0.225988	-0.70030	0.166970
{15}-{17}	5*120	10*30	-0.175000	0.219647	0.427038	-0.60948	0.259484
{15}-{18}	5*120	10*60	-0.325000	0.219647	0.141351	-0.75948	0.109484
{15}-{19}	5*120	10*120	0.066667	0.158394	0.674519	-0.24665	0.379986
{15}-{20}	5*120	10*180	-0.191667	0.219647	0.384460	-0.62615	0.242817
{16}-{17}	5*180	10*30	0.091667	0.219647	0.677111	-0.34282	0.526151
{16}-{18}	5*180	10*60	-0.058333	0.219647	0.790979	-0.49282	0.376151
{16}-{19}	5*180	10*120	0.333333	0.219647	0.131511	-0.10115	0.767817
{16}-{20}	5*180	10*180	0.075000	0.158394	0.636637	-0.23832	0.388319
{17}-{18}	10*30	10*60	-0.150000	0.219219	0.495019	-0.58364	0.283637
{17}-{19}	10*30	10*120	0.241667	0.219219	0.272295	-0.19197	0.675304
{17}-{20}	10*30	10*180	-0.016667	0.219219	0.939512	-0.45030	0.416970
{18}-{19}	10*60	10*120	0.391667	0.219219	0.076290	-0.04197	0.825304
{18}-{20}	10*60	10*180	0.133333	0.219219	0.544087	-0.30030	0.566970

{19}-{20}	10*120	10*180	-0.258333	0.219219	0.240747	-0.69197	0.175304
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### x. BCF (Hz)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=1.0062, p=.44696

Type V decomposition

Cell No.	Concentration	Time Point	BCF-Others - Mean	BCF-Others - Std.Err.	BCF-Others - -95.00%	BCF-Others - +95.00%	N
1	C	30	9.95833	1.634203	6.72572	13.19095	12
2	C	60	13.90000	1.634203	10.66738	17.13262	12
3	C	120	11.31667	1.634203	8.08405	14.54928	12
4	C	180	11.15000	1.634203	7.91738	14.38262	12
5	0.1	30	10.85000	1.634203	7.61738	14.08262	12
6	0.1	60	14.10000	1.634203	10.86738	17.33262	12

<b>7</b>	0.1	120	10.79167	1.634203	7.55905	14.02428	12
<b>8</b>	0.1	180	8.28333	1.634203	5.05072	11.51595	12
<b>9</b>	1	30	9.28333	1.634203	6.05072	12.51595	12
<b>10</b>	1	60	13.09167	1.634203	9.85905	16.32428	12
<b>11</b>	1	120	8.83333	1.634203	5.60072	12.06595	12
<b>12</b>	1	180	7.53333	1.634203	4.30072	10.76595	12
<b>13</b>	5	30	7.81667	1.634203	4.58405	11.04928	12
<b>14</b>	5	60	11.91667	1.634203	8.68405	15.14928	12
<b>15</b>	5	120	6.18333	1.634203	2.95072	9.41595	12
<b>16</b>	5	180	7.70833	1.634203	4.47572	10.94095	12
<b>17</b>	10	30	6.00000	1.634203	2.76738	9.23262	12
<b>18</b>	10	60	8.35000	1.634203	5.11738	11.58262	12
<b>19</b>	10	120	5.67500	1.634203	2.44238	8.90762	12

20	10	180	5.11667	1.634203	1.88405	8.34928	12
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LSD test; variable BCF-Others (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

Comparisons Cell {#1}-{#2}	1st - Mean	2nd - Mean	Mean - Differ.	Standard - Error	p	-95.00% - Cnf.Lmt	+95.00% - Cnf.Lmt
{1}-{2}	C*30	C*60	-3.94167	2.000107	0.050847	-7.89808	0.01474
{1}-{3}	C*30	C*120	-1.35833	2.000107	0.498244	-5.31474	2.59808
{1}-{4}	C*30	C*180	-1.19167	2.000107	0.552328	-5.14808	2.76474
{1}-{5}	C*30	0.1*30	-0.89167	1.258579	0.479902	-3.38126	1.59793
{1}-{6}	C*30	0.1*60	-4.14167	2.000107	0.040333	-8.09808	-0.18526
{1}-{7}	C*30	0.1*120	-0.83333	2.000107	0.677615	-4.78974	3.12308
{1}-{8}	C*30	0.1*180	1.67500	2.000107	0.403850	-2.28141	5.63141
{1}-{9}	C*30	1*30	0.67500	1.258579	0.592641	-1.81459	3.16459
{1}-{10}	C*30	1*60	-3.13333	2.000107	0.119606	-7.08974	0.82308
{1}-{11}	C*30	1*120	1.12500	2.000107	0.574750	-2.83141	5.08141
{1}-{12}	C*30	1*180	2.42500	2.000107	0.227511	-1.53141	6.38141



{1}-{13}	C*30	5*30	2.14167	1.258579	0.091174	-0.34793	4.63126
{1}-{14}	C*30	5*60	-1.95833	2.000107	0.329315	-5.91474	1.99808
{1}-{15}	C*30	5*120	3.77500	2.000107	0.061302	-0.18141	7.73141
{1}-{16}	C*30	5*180	2.25000	2.000107	0.262656	-1.70641	6.20641
{1}-{17}	C*30	10*30	3.95833	1.258579	0.002052	1.46874	6.44793
{1}-{18}	C*30	10*60	1.60833	2.000107	0.422771	-2.34808	5.56474
{1}-{19}	C*30	10*120	4.28333	2.000107	0.034066	0.32692	8.23974
{1}-{20}	C*30	10*180	4.84167	2.000107	0.016851	0.88526	8.79808
{2}-{3}	C*60	C*120	2.58333	2.000107	0.198753	-1.37308	6.53974
{2}-{4}	C*60	C*180	2.75000	2.000107	0.171483	-1.20641	6.70641
{2}-{5}	C*60	0.1*30	3.05000	2.000107	0.129672	-0.90641	7.00641
{2}-{6}	C*60	0.1*60	-0.20000	1.258579	0.873983	-2.68959	2.28959
{2}-{7}	C*60	0.1*120	3.10833	2.000107	0.122559	-0.84808	7.06474
{2}-{8}	C*60	0.1*180	5.61667	2.000107	0.005739	1.66026	9.57308
{2}-{9}	C*60	1*30	4.61667	2.000107	0.022542	0.66026	8.57308
{2}-{10}	C*60	1*60	0.80833	1.258579	0.521819	-1.68126	3.29793
{2}-{11}	C*60	1*120	5.06667	2.000107	0.012473	1.11026	9.02308
{2}-{12}	C*60	1*180	6.36667	2.000107	0.001817	2.41026	10.32308
{2}-{13}	C*60	5*30	6.08333	2.000107	0.002840	2.12692	10.03974

{2}-{14}	C*60	5*60	1.98333	1.258579	0.117454	-0.50626	4.47293
{2}-{15}	C*60	5*120	7.71667	2.000107	0.000178	3.76026	11.67308
{2}-{16}	C*60	5*180	6.19167	2.000107	0.002398	2.23526	10.14808
{2}-{17}	C*60	10*30	7.90000	2.000107	0.000127	3.94359	11.85641
{2}-{18}	C*60	10*60	5.55000	1.258579	0.000021	3.06041	8.03959
{2}-{19}	C*60	10*120	8.22500	2.000107	0.000068	4.26859	12.18141
{2}-{20}	C*60	10*180	8.78333	2.000107	0.000023	4.82692	12.73974
{3}-{4}	C*120	C*180	0.16667	2.000107	0.933716	-3.78974	4.12308
{3}-{5}	C*120	0.1*30	0.46667	2.000107	0.815874	-3.48974	4.42308
{3}-{6}	C*120	0.1*60	-2.78333	2.000107	0.166386	-6.73974	1.17308
{3}-{7}	C*120	0.1*120	0.52500	1.258579	0.677256	-1.96459	3.01459
{3}-{8}	C*120	0.1*180	3.03333	2.000107	0.131762	-0.92308	6.98974
{3}-{9}	C*120	1*30	2.03333	2.000107	0.311198	-1.92308	5.98974
{3}-{10}	C*120	1*60	-1.77500	2.000107	0.376449	-5.73141	2.18141
{3}-{11}	C*120	1*120	2.48333	1.258579	0.050570	-0.00626	4.97293
{3}-{12}	C*120	1*180	3.78333	2.000107	0.060740	-0.17308	7.73974
{3}-{13}	C*120	5*30	3.50000	2.000107	0.082458	-0.45641	7.45641
{3}-{14}	C*120	5*60	-0.60000	2.000107	0.764661	-4.55641	3.35641
{3}-{15}	C*120	5*120	5.13333	1.258579	0.000078	2.64374	7.62293

{3}-{16}	C*120	5*180	3.60833	2.000107	0.073500	-0.34808	7.56474
{3}-{17}	C*120	10*30	5.31667	2.000107	0.008827	1.36026	9.27308
{3}-{18}	C*120	10*60	2.96667	2.000107	0.140391	-0.98974	6.92308
{3}-{19}	C*120	10*120	5.64167	1.258579	0.000016	3.15207	8.13126
{3}-{20}	C*120	10*180	6.20000	2.000107	0.002367	2.24359	10.15641
{4}-{5}	C*180	0.1*30	0.30000	2.000107	0.881000	-3.65641	4.25641
{4}-{6}	C*180	0.1*60	-2.95000	2.000107	0.142615	-6.90641	1.00641
{4}-{7}	C*180	0.1*120	0.35833	2.000107	0.858089	-3.59808	4.31474
{4}-{8}	C*180	0.1*180	2.86667	1.258579	0.024352	0.37707	5.35626
{4}-{9}	C*180	1*30	1.86667	2.000107	0.352378	-2.08974	5.82308
{4}-{10}	C*180	1*60	-1.94167	2.000107	0.333433	-5.89808	2.01474
{4}-{11}	C*180	1*120	2.31667	2.000107	0.248845	-1.63974	6.27308
{4}-{12}	C*180	1*180	3.61667	1.258579	0.004731	1.12707	6.10626
{4}-{13}	C*180	5*30	3.33333	2.000107	0.097970	-0.62308	7.28974
{4}-{14}	C*180	5*60	-0.76667	2.000107	0.702104	-4.72308	3.18974
{4}-{15}	C*180	5*120	4.96667	2.000107	0.014274	1.01026	8.92308
{4}-{16}	C*180	5*180	3.44167	1.258579	0.007105	0.95207	5.93126
{4}-{17}	C*180	10*30	5.15000	2.000107	0.011130	1.19359	9.10641
{4}-{18}	C*180	10*60	2.80000	2.000107	0.163882	-1.15641	6.75641

{4}-{19}	C*180	10*120	5.47500	2.000107	0.007048	1.51859	9.43141
{4}-{20}	C*180	10*180	6.03333	1.258579	0.000004	3.54374	8.52293
{5}-{6}	0.1*30	0.1*60	-3.25000	2.000107	0.106566	-7.20641	0.70641
{5}-{7}	0.1*30	0.1*120	0.05833	2.000107	0.976777	-3.89808	4.01474
{5}-{8}	0.1*30	0.1*180	2.56667	2.000107	0.201648	-1.38974	6.52308
{5}-{9}	0.1*30	1*30	1.56667	1.258579	0.215414	-0.92293	4.05626
{5}-{10}	0.1*30	1*60	-2.24167	2.000107	0.264419	-6.19808	1.71474
{5}-{11}	0.1*30	1*120	2.01667	2.000107	0.315165	-1.93974	5.97308
{5}-{12}	0.1*30	1*180	3.31667	2.000107	0.099643	-0.63974	7.27308
{5}-{13}	0.1*30	5*30	3.03333	1.258579	0.017325	0.54374	5.52293
{5}-{14}	0.1*30	5*60	-1.06667	2.000107	0.594719	-5.02308	2.88974
{5}-{15}	0.1*30	5*120	4.66667	2.000107	0.021149	0.71026	8.62308
{5}-{16}	0.1*30	5*180	3.14167	2.000107	0.118635	-0.81474	7.09808
{5}-{17}	0.1*30	10*30	4.85000	1.258579	0.000181	2.36041	7.33959
{5}-{18}	0.1*30	10*60	2.50000	2.000107	0.213535	-1.45641	6.45641
{5}-{19}	0.1*30	10*120	5.17500	2.000107	0.010753	1.21859	9.13141
{5}-{20}	0.1*30	10*180	5.73333	2.000107	0.004832	1.77692	9.68974
{6}-{7}	0.1*60	0.1*120	3.30833	2.000107	0.100488	-0.64808	7.26474
{6}-{8}	0.1*60	0.1*180	5.81667	2.000107	0.004266	1.86026	9.77308

{6}-{9}	0.1*60	1*30	4.81667	2.000107	0.017413	0.86026	8.77308
{6}-{10}	0.1*60	1*60	1.00833	1.258579	0.424474	-1.48126	3.49793
{6}-{11}	0.1*60	1*120	5.26667	2.000107	0.009468	1.31026	9.22308
{6}-{12}	0.1*60	1*180	6.56667	2.000107	0.001314	2.61026	10.52308
{6}-{13}	0.1*60	5*30	6.28333	2.000107	0.002075	2.32692	10.23974
{6}-{14}	0.1*60	5*60	2.18333	1.258579	0.085117	-0.30626	4.67293
{6}-{15}	0.1*60	5*120	7.91667	2.000107	0.000123	3.96026	11.87308
{6}-{16}	0.1*60	5*180	6.39167	2.000107	0.001746	2.43526	10.34808
{6}-{17}	0.1*60	10*30	8.10000	2.000107	0.000087	4.14359	12.05641
{6}-{18}	0.1*60	10*60	5.75000	1.258579	0.000011	3.26041	8.23959
{6}-{19}	0.1*60	10*120	8.42500	2.000107	0.000047	4.46859	12.38141
{6}-{20}	0.1*60	10*180	8.98333	2.000107	0.000015	5.02692	12.93974
{7}-{8}	0.1*120	0.1*180	2.50833	2.000107	0.212022	-1.44808	6.46474
{7}-{9}	0.1*120	1*30	1.50833	2.000107	0.452116	-2.44808	5.46474
{7}-{10}	0.1*120	1*60	-2.30000	2.000107	0.252248	-6.25641	1.65641
{7}-{11}	0.1*120	1*120	1.95833	1.258579	0.122105	-0.53126	4.44793
{7}-{12}	0.1*120	1*180	3.25833	2.000107	0.105680	-0.69808	7.21474
{7}-{13}	0.1*120	5*30	2.97500	2.000107	0.139289	-0.98141	6.93141
{7}-{14}	0.1*120	5*60	-1.12500	2.000107	0.574750	-5.08141	2.83141

{7}-{15}	0.1*120	5*120	4.60833	1.258579	0.000362	2.11874	7.09793
{7}-{16}	0.1*120	5*180	3.08333	2.000107	0.125569	-0.87308	7.03974
{7}-{17}	0.1*120	10*30	4.79167	2.000107	0.017992	0.83526	8.74808
{7}-{18}	0.1*120	10*60	2.44167	2.000107	0.224350	-1.51474	6.39808
{7}-{19}	0.1*120	10*120	5.11667	1.258579	0.000082	2.62707	7.60626
{7}-{20}	0.1*120	10*180	5.67500	2.000107	0.005268	1.71859	9.63141
{8}-{9}	0.1*180	1*30	-1.00000	2.000107	0.617926	-4.95641	2.95641
{8}-{10}	0.1*180	1*60	-4.80833	2.000107	0.017604	-8.76474	-0.85192
{8}-{11}	0.1*180	1*120	-0.55000	2.000107	0.783757	-4.50641	3.40641
{8}-{12}	0.1*180	1*180	0.75000	1.258579	0.552256	-1.73959	3.23959
{8}-{13}	0.1*180	5*30	0.46667	2.000107	0.815874	-3.48974	4.42308
{8}-{14}	0.1*180	5*60	-3.63333	2.000107	0.071552	-7.58974	0.32308
{8}-{15}	0.1*180	5*120	2.10000	2.000107	0.295662	-1.85641	6.05641
{8}-{16}	0.1*180	5*180	0.57500	1.258579	0.648519	-1.91459	3.06459
{8}-{17}	0.1*180	10*30	2.28333	2.000107	0.255685	-1.67308	6.23974
{8}-{18}	0.1*180	10*60	-0.06667	2.000107	0.973461	-4.02308	3.88974
{8}-{19}	0.1*180	10*120	2.60833	2.000107	0.194470	-1.34808	6.56474
{8}-{20}	0.1*180	10*180	3.16667	1.258579	0.013066	0.67707	5.65626
{9}-{10}	1*30	1*60	-3.80833	2.000107	0.059078	-7.76474	0.14808

{9}-{11}	1*30	1*120	0.45000	2.000107	0.822337	-3.50641	4.40641
{9}-{12}	1*30	1*180	1.75000	2.000107	0.383189	-2.20641	5.70641
{9}-{13}	1*30	5*30	1.46667	1.258579	0.245985	-1.02293	3.95626
{9}-{14}	1*30	5*60	-2.63333	2.000107	0.190255	-6.58974	1.32308
{9}-{15}	1*30	5*120	3.10000	2.000107	0.123556	-0.85641	7.05641
{9}-{16}	1*30	5*180	1.57500	2.000107	0.432425	-2.38141	5.53141
{9}-{17}	1*30	10*30	3.28333	1.258579	0.010135	0.79374	5.77293
{9}-{18}	1*30	10*60	0.93333	2.000107	0.641525	-3.02308	4.88974
{9}-{19}	1*30	10*120	3.60833	2.000107	0.073500	-0.34808	7.56474
{9}-{20}	1*30	10*180	4.16667	2.000107	0.039160	0.21026	8.12308
{10}-{11}	1*60	1*120	4.25833	2.000107	0.035107	0.30192	8.21474
{10}-{12}	1*60	1*180	5.55833	2.000107	0.006248	1.60192	9.51474
{10}-{13}	1*60	5*30	5.27500	2.000107	0.009359	1.31859	9.23141
{10}-{14}	1*60	5*60	1.17500	1.258579	0.352219	-1.31459	3.66459
{10}-{15}	1*60	5*120	6.90833	2.000107	0.000743	2.95192	10.86474
{10}-{16}	1*60	5*180	5.38333	2.000107	0.008034	1.42692	9.33974
{10}-{17}	1*60	10*30	7.09167	2.000107	0.000543	3.13526	11.04808
{10}-{18}	1*60	10*60	4.74167	1.258579	0.000248	2.25207	7.23126
{10}-{19}	1*60	10*120	7.41667	2.000107	0.000306	3.46026	11.37308

{10}-{20}	1*60	10*180	7.97500	2.000107	0.000110	4.01859	11.93141
{11}-{12}	1*120	1*180	1.30000	2.000107	0.516844	-2.65641	5.25641
{11}-{13}	1*120	5*30	1.01667	2.000107	0.612087	-2.93974	4.97308
{11}-{14}	1*120	5*60	-3.08333	2.000107	0.125569	-7.03974	0.87308
{11}-{15}	1*120	5*120	2.65000	1.258579	0.037138	0.16041	5.13959
{11}-{16}	1*120	5*180	1.12500	2.000107	0.574750	-2.83141	5.08141
{11}-{17}	1*120	10*30	2.83333	2.000107	0.158958	-1.12308	6.78974
{11}-{18}	1*120	10*60	0.48333	2.000107	0.809423	-3.47308	4.43974
{11}-{19}	1*120	10*120	3.15833	1.258579	0.013302	0.66874	5.64793
{11}-{20}	1*120	10*180	3.71667	2.000107	0.065363	-0.23974	7.67308
{12}-{13}	1*180	5*30	-0.28333	2.000107	0.887565	-4.23974	3.67308
{12}-{14}	1*180	5*60	-4.38333	2.000107	0.030166	-8.33974	-0.42692
{12}-{15}	1*180	5*120	1.35000	2.000107	0.500879	-2.60641	5.30641
{12}-{16}	1*180	5*180	-0.17500	1.258579	0.889626	-2.66459	2.31459
{12}-{17}	1*180	10*30	1.53333	2.000107	0.444673	-2.42308	5.48974
{12}-{18}	1*180	10*60	-0.81667	2.000107	0.683707	-4.77308	3.13974
{12}-{19}	1*180	10*120	1.85833	2.000107	0.354524	-2.09808	5.81474
{12}-{20}	1*180	10*180	2.41667	1.258579	0.056995	-0.07293	4.90626
{13}-{14}	5*30	5*60	-4.10000	2.000107	0.042355	-8.05641	-0.14359



{13}-{15}	5*30	5*120	1.63333	2.000107	0.415615	-2.32308	5.58974
{13}-{16}	5*30	5*180	0.10833	2.000107	0.956887	-3.84808	4.06474
{13}-{17}	5*30	10*30	1.81667	1.258579	0.151269	-0.67293	4.30626
{13}-{18}	5*30	10*60	-0.53333	2.000107	0.790153	-4.48974	3.42308
{13}-{19}	5*30	10*120	2.14167	2.000107	0.286224	-1.81474	6.09808
{13}-{20}	5*30	10*180	2.70000	2.000107	0.179349	-1.25641	6.65641
{14}-{15}	5*60	5*120	5.73333	2.000107	0.004832	1.77692	9.68974
{14}-{16}	5*60	5*180	4.20833	2.000107	0.037270	0.25192	8.16474
{14}-{17}	5*60	10*30	5.91667	2.000107	0.003668	1.96026	9.87308
{14}-{18}	5*60	10*60	3.56667	1.258579	0.005322	1.07707	6.05626
{14}-{19}	5*60	10*120	6.24167	2.000107	0.002217	2.28526	10.19808
{14}-{20}	5*60	10*180	6.80000	2.000107	0.000892	2.84359	10.75641
{15}-{16}	5*120	5*180	-1.52500	2.000107	0.447146	-5.48141	2.43141
{15}-{17}	5*120	10*30	0.18333	2.000107	0.927106	-3.77308	4.13974
{15}-{18}	5*120	10*60	-2.16667	2.000107	0.280661	-6.12308	1.78974
{15}-{19}	5*120	10*120	0.50833	1.258579	0.686944	-1.98126	2.99793
{15}-{20}	5*120	10*180	1.06667	2.000107	0.594719	-2.88974	5.02308
{16}-{17}	5*180	10*30	1.70833	2.000107	0.394585	-2.24808	5.66474
{16}-{18}	5*180	10*60	-0.64167	2.000107	0.748857	-4.59808	3.31474

{16}-{19}	5*180	10*120	2.03333	2.000107	0.311198	-1.92308	5.98974
{16}-{20}	5*180	10*180	2.59167	1.258579	0.041441	0.10207	5.08126
{17}-{18}	10*30	10*60	-2.35000	2.000107	0.242135	-6.30641	1.60641
{17}-{19}	10*30	10*120	0.32500	2.000107	0.871167	-3.63141	4.28141
{17}-{20}	10*30	10*180	0.88333	2.000107	0.659470	-3.07308	4.83974
{18}-{19}	10*60	10*120	2.67500	2.000107	0.183383	-1.28141	6.63141
{18}-{20}	10*60	10*180	3.23333	2.000107	0.108356	-0.72308	7.18974
{19}-{20}	10*120	10*180	0.55833	2.000107	0.780565	-3.39808	4.51474

### y. Acrosome Reacted Cells (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect: F(12, 132)=1.5475, p=.11509

Type V decomposition

Cell No.	Concentration	Time Point	AR-% - Mean	AR-% - Std.Err.	AR-% - -95.00%	AR-% - +95.00%	N
1	C	30	53.89046	3.959339	46.05850	61.72242	12
2	C	60	52.39318	3.959339	44.56121	60.22514	12

<b>3</b>	C	120	68.28274	3.959339	60.45078	76.11471	12
<b>4</b>	C	180	72.60488	3.959339	64.77291	80.43684	12
<b>5</b>	0.1	30	51.28017	3.959339	43.44820	59.11213	12
<b>6</b>	0.1	60	54.85325	3.959339	47.02128	62.68521	12
<b>7</b>	0.1	120	62.51880	3.959339	54.68684	70.35076	12
<b>8</b>	0.1	180	65.95232	3.959339	58.12035	73.78428	12
<b>9</b>	1	30	40.71463	3.959339	32.88267	48.54660	12
<b>10</b>	1	60	56.49360	3.959339	48.66164	64.32556	12
<b>11</b>	1	120	65.01059	3.959339	57.17863	72.84256	12
<b>12</b>	1	180	69.61596	3.959339	61.78400	77.44793	12
<b>13</b>	5	30	50.43880	3.959339	42.60684	58.27077	12
<b>14</b>	5	60	59.22364	3.959339	51.39168	67.05561	12
<b>15</b>	5	120	66.26950	3.959339	58.43754	74.10147	12

<b>16</b>	5	180	71.80990	3.959339	63.97794	79.64187	12
<b>17</b>	10	30	58.30764	3.959339	50.47568	66.13961	12
<b>18</b>	10	60	64.57703	3.959339	56.74507	72.40900	12
<b>19</b>	10	120	70.82364	3.959339	62.99167	78.65560	12
<b>20</b>	10	180	73.29175	3.959339	65.45979	81.12372	12

LSD test; variable AR-% (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b> <b>Cell {#1}-{#2}</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
{1}-{2}	C*30	C*60	1.4973	5.170662	0.772598	-8.7308	11.7254
{1}-{3}	C*30	C*120	-14.3923	5.170662	0.006168	-24.6204	-4.1642
{1}-{4}	C*30	C*180	-18.7144	5.170662	0.000420	-28.9425	-8.4863
{1}-{5}	C*30	0.1*30	2.6103	4.123210	0.527781	-5.5458	10.7664
{1}-{6}	C*30	0.1*60	-0.9628	5.388808	0.858475	-11.6224	9.6968

{1}-{7}	C*30	0.1*120	-8.6283	5.388808	0.111732	-19.2879	2.0313
{1}-{8}	C*30	0.1*180	-12.0619	5.388808	0.026876	-22.7215	-1.4023
{1}-{9}	C*30	1*30	13.1758	4.123210	0.001746	5.0197	21.3319
{1}-{10}	C*30	1*60	-2.6031	5.388808	0.629850	-13.2627	8.0565
{1}-{11}	C*30	1*120	-11.1201	5.388808	0.041019	-21.7797	-0.4605
{1}-{12}	C*30	1*180	-15.7255	5.388808	0.004140	-26.3851	-5.0659
{1}-{13}	C*30	5*30	3.4517	4.123210	0.404034	-4.7045	11.6078
{1}-{14}	C*30	5*60	-5.3332	5.388808	0.324142	-15.9928	5.3264
{1}-{15}	C*30	5*120	-12.3790	5.388808	0.023183	-23.0386	-1.7194
{1}-{16}	C*30	5*180	-17.9194	5.388808	0.001144	-28.5790	-7.2598
{1}-{17}	C*30	10*30	-4.4172	4.123210	0.285990	-12.5733	3.7389
{1}-{18}	C*30	10*60	-10.6866	5.388808	0.049431	-21.3462	-0.0270
{1}-{19}	C*30	10*120	-16.9332	5.388808	0.002070	-27.5928	-6.2736
{1}-{20}	C*30	10*180	-19.4013	5.388808	0.000449	-30.0609	-8.7417
{2}-{3}	C*60	C*120	-15.8896	5.170662	0.002575	-26.1176	-5.6615
{2}-{4}	C*60	C*180	-20.2117	5.170662	0.000147	-30.4398	-9.9836
{2}-{5}	C*60	0.1*30	1.1130	5.388808	0.836687	-9.5466	11.7726
{2}-{6}	C*60	0.1*60	-2.4601	4.123210	0.551770	-10.6162	5.6960
{2}-{7}	C*60	0.1*120	-10.1256	5.388808	0.062448	-20.7852	0.5340

{2}-{8}	C*60	0.1*180	-13.5591	5.388808	0.013062	-24.2187	-2.8995
{2}-{9}	C*60	1*30	11.6785	5.388808	0.032015	1.0190	22.3381
{2}-{10}	C*60	1*60	-4.1004	4.123210	0.321812	-12.2565	4.0557
{2}-{11}	C*60	1*120	-12.6174	5.388808	0.020708	-23.2770	-1.9578
{2}-{12}	C*60	1*180	-17.2228	5.388808	0.001744	-27.8824	-6.5632
{2}-{13}	C*60	5*30	1.9544	5.388808	0.717429	-8.7052	12.6140
{2}-{14}	C*60	5*60	-6.8305	4.123210	0.099978	-14.9866	1.3257
{2}-{15}	C*60	5*120	-13.8763	5.388808	0.011125	-24.5359	-3.2167
{2}-{16}	C*60	5*180	-19.4167	5.388808	0.000444	-30.0763	-8.7571
{2}-{17}	C*60	10*30	-5.9145	5.388808	0.274401	-16.5741	4.7451
{2}-{18}	C*60	10*60	-12.1839	4.123210	0.003705	-20.3400	-4.0277
{2}-{19}	C*60	10*120	-18.4305	5.388808	0.000833	-29.0901	-7.7709
{2}-{20}	C*60	10*180	-20.8986	5.388808	0.000165	-31.5582	-10.2390
{3}-{4}	C*120	C*180	-4.3221	5.170662	0.404724	-14.5502	5.9059
{3}-{5}	C*120	0.1*30	17.0026	5.388808	0.001987	6.3430	27.6622
{3}-{6}	C*120	0.1*60	13.4295	5.388808	0.013937	2.7699	24.0891
{3}-{7}	C*120	0.1*120	5.7639	4.123210	0.164480	-2.3922	13.9201
{3}-{8}	C*120	0.1*180	2.3304	5.388808	0.666115	-8.3292	12.9900
{3}-{9}	C*120	1*30	27.5681	5.388808	0.000001	16.9085	38.2277

{3}-{10}	C*120	1*60	11.7891	5.388808	0.030451	1.1295	22.4487
{3}-{11}	C*120	1*120	3.2721	4.123210	0.428857	-4.8840	11.4283
{3}-{12}	C*120	1*180	-1.3332	5.388808	0.804979	-11.9928	9.3264
{3}-{13}	C*120	5*30	17.8439	5.388808	0.001198	7.1843	28.5035
{3}-{14}	C*120	5*60	9.0591	5.388808	0.095109	-1.6005	19.7187
{3}-{15}	C*120	5*120	2.0132	4.123210	0.626169	-6.1429	10.1694
{3}-{16}	C*120	5*180	-3.5272	5.388808	0.513907	-14.1868	7.1324
{3}-{17}	C*120	10*30	9.9751	5.388808	0.066393	-0.6845	20.6347
{3}-{18}	C*120	10*60	3.7057	5.388808	0.492868	-6.9539	14.3653
{3}-{19}	C*120	10*120	-2.5409	4.123210	0.538797	-10.6970	5.6152
{3}-{20}	C*120	10*180	-5.0090	5.388808	0.354316	-15.6686	5.6506
{4}-{5}	C*180	0.1*30	21.3247	5.388808	0.000123	10.6651	31.9843
{4}-{6}	C*180	0.1*60	17.7516	5.388808	0.001267	7.0920	28.4112
{4}-{7}	C*180	0.1*120	10.0861	5.388808	0.063465	-0.5735	20.7457
{4}-{8}	C*180	0.1*180	6.6526	4.123210	0.109037	-1.5036	14.8087
{4}-{9}	C*180	1*30	31.8902	5.388808	0.000000	21.2307	42.5498
{4}-{10}	C*180	1*60	16.1113	5.388808	0.003331	5.4517	26.7709
{4}-{11}	C*180	1*120	7.5943	5.388808	0.161107	-3.0653	18.2539
{4}-{12}	C*180	1*180	2.9889	4.123210	0.469797	-5.1672	11.1450

{4}-{13}	C*180	5*30	22.1661	5.388808	0.000068	11.5065	32.8257
{4}-{14}	C*180	5*60	13.3812	5.388808	0.014276	2.7216	24.0408
{4}-{15}	C*180	5*120	6.3354	5.388808	0.241849	-4.3242	16.9950
{4}-{16}	C*180	5*180	0.7950	4.123210	0.847408	-7.3611	8.9511
{4}-{17}	C*180	10*30	14.2972	5.388808	0.008954	3.6376	24.9568
{4}-{18}	C*180	10*60	8.0278	5.388808	0.138682	-2.6317	18.6874
{4}-{19}	C*180	10*120	1.7812	5.388808	0.741513	-8.8784	12.4408
{4}-{20}	C*180	10*180	-0.6869	4.123210	0.867950	-8.8430	7.4692
{5}-{6}	0.1*30	0.1*60	-3.5731	5.170662	0.490761	-13.8012	6.6550
{5}-{7}	0.1*30	0.1*120	-11.2386	5.170662	0.031524	-21.4667	-1.0106
{5}-{8}	0.1*30	0.1*180	-14.6721	5.170662	0.005264	-24.9002	-4.4441
{5}-{9}	0.1*30	1*30	10.5655	4.123210	0.011516	2.4094	18.7217
{5}-{10}	0.1*30	1*60	-5.2134	5.388808	0.335085	-15.8730	5.4462
{5}-{11}	0.1*30	1*120	-13.7304	5.388808	0.011982	-24.3900	-3.0708
{5}-{12}	0.1*30	1*180	-18.3358	5.388808	0.000884	-28.9954	-7.6762
{5}-{13}	0.1*30	5*30	0.8414	4.123210	0.838624	-7.3148	8.9975
{5}-{14}	0.1*30	5*60	-7.9435	5.388808	0.142844	-18.6031	2.7161
{5}-{15}	0.1*30	5*120	-14.9893	5.388808	0.006202	-25.6489	-4.3297
{5}-{16}	0.1*30	5*180	-20.5297	5.388808	0.000212	-31.1893	-9.8701



{5}-{17}	0.1*30	10*30	-7.0275	4.123210	0.090665	-15.1836	1.1286
{5}-{18}	0.1*30	10*60	-13.2969	5.388808	0.014886	-23.9565	-2.6373
{5}-{19}	0.1*30	10*120	-19.5435	5.388808	0.000409	-30.2031	-8.8839
{5}-{20}	0.1*30	10*180	-22.0116	5.388808	0.000076	-32.6712	-11.3520
{6}-{7}	0.1*60	0.1*120	-7.6656	5.170662	0.140588	-17.8936	2.5625
{6}-{8}	0.1*60	0.1*180	-11.0991	5.170662	0.033658	-21.3272	-0.8710
{6}-{9}	0.1*60	1*30	14.1386	5.388808	0.009722	3.4790	24.7982
{6}-{10}	0.1*60	1*60	-1.6404	4.123210	0.691395	-9.7965	6.5158
{6}-{11}	0.1*60	1*120	-10.1573	5.388808	0.061642	-20.8169	0.5022
{6}-{12}	0.1*60	1*180	-14.7627	5.388808	0.007004	-25.4223	-4.1031
{6}-{13}	0.1*60	5*30	4.4144	5.388808	0.414156	-6.2452	15.0740
{6}-{14}	0.1*60	5*60	-4.3704	4.123210	0.291103	-12.5265	3.7857
{6}-{15}	0.1*60	5*120	-11.4163	5.388808	0.036006	-22.0759	-0.7567
{6}-{16}	0.1*60	5*180	-16.9567	5.388808	0.002042	-27.6163	-6.2971
{6}-{17}	0.1*60	10*30	-3.4544	5.388808	0.522613	-14.1140	7.2052
{6}-{18}	0.1*60	10*60	-9.7238	4.123210	0.019827	-17.8799	-1.5677
{6}-{19}	0.1*60	10*120	-15.9704	5.388808	0.003608	-26.6300	-5.3108
{6}-{20}	0.1*60	10*180	-18.4385	5.388808	0.000829	-29.0981	-7.7789
{7}-{8}	0.1*120	0.1*180	-3.4335	5.170662	0.507824	-13.6616	6.7946

{7}-{9}	0.1*120	1*30	21.8042	5.388808	0.000088	11.1446	32.4638
{7}-{10}	0.1*120	1*60	6.0252	5.388808	0.265557	-4.6344	16.6848
{7}-{11}	0.1*120	1*120	-2.4918	4.123210	0.546659	-10.6479	5.6643
{7}-{12}	0.1*120	1*180	-7.0972	5.388808	0.190114	-17.7568	3.5624
{7}-{13}	0.1*120	5*30	12.0800	5.388808	0.026651	1.4204	22.7396
{7}-{14}	0.1*120	5*60	3.2952	5.388808	0.541932	-7.3644	13.9548
{7}-{15}	0.1*120	5*120	-3.7507	4.123210	0.364662	-11.9068	4.4054
{7}-{16}	0.1*120	5*180	-9.2911	5.388808	0.087022	-19.9507	1.3685
{7}-{17}	0.1*120	10*30	4.2112	5.388808	0.435929	-6.4484	14.8708
{7}-{18}	0.1*120	10*60	-2.0582	5.388808	0.703116	-12.7178	8.6014
{7}-{19}	0.1*120	10*120	-8.3048	4.123210	0.046024	-16.4610	-0.1487
{7}-{20}	0.1*120	10*180	-10.7730	5.388808	0.047647	-21.4325	-0.1134
{8}-{9}	0.1*180	1*30	25.2377	5.388808	0.000007	14.5781	35.8973
{8}-{10}	0.1*180	1*60	9.4587	5.388808	0.081536	-1.2009	20.1183
{8}-{11}	0.1*180	1*120	0.9417	5.388808	0.861540	-9.7179	11.6013
{8}-{12}	0.1*180	1*180	-3.6636	4.123210	0.375865	-11.8198	4.4925
{8}-{13}	0.1*180	5*30	15.5135	5.388808	0.004658	4.8539	26.1731
{8}-{14}	0.1*180	5*60	6.7287	5.388808	0.214007	-3.9309	17.3883
{8}-{15}	0.1*180	5*120	-0.3172	5.388808	0.953152	-10.9768	10.3424

{8}-{16}	0.1*180	5*180	-5.8576	4.123210	0.157780	-14.0137	2.2985
{8}-{17}	0.1*180	10*30	7.6447	5.388808	0.158367	-3.0149	18.3043
{8}-{18}	0.1*180	10*60	1.3753	5.388808	0.798957	-9.2843	12.0349
{8}-{19}	0.1*180	10*120	-4.8713	5.388808	0.367658	-15.5309	5.7883
{8}-{20}	0.1*180	10*180	-7.3394	4.123210	0.077372	-15.4956	0.8167
{9}-{10}	1*30	1*60	-15.7790	5.170662	0.002752	-26.0070	-5.5509
{9}-{11}	1*30	1*120	-24.2960	5.170662	0.000006	-34.5240	-14.0679
{9}-{12}	1*30	1*180	-28.9013	5.170662	0.000000	-39.1294	-18.6733
{9}-{13}	1*30	5*30	-9.7242	4.123210	0.019822	-17.8803	-1.5681
{9}-{14}	1*30	5*60	-18.5090	5.388808	0.000793	-29.1686	-7.8494
{9}-{15}	1*30	5*120	-25.5549	5.388808	0.000005	-36.2145	-14.8953
{9}-{16}	1*30	5*180	-31.0953	5.388808	0.000000	-41.7549	-20.4357
{9}-{17}	1*30	10*30	-17.5930	4.123210	0.000038	-25.7491	-9.4369
{9}-{18}	1*30	10*60	-23.8624	5.388808	0.000020	-34.5220	-13.2028
{9}-{19}	1*30	10*120	-30.1090	5.388808	0.000000	-40.7686	-19.4494
{9}-{20}	1*30	10*180	-32.5771	5.388808	0.000000	-43.2367	-21.9175
{10}-{11}	1*60	1*120	-8.5170	5.170662	0.101900	-18.7451	1.7111
{10}-{12}	1*60	1*180	-13.1224	5.170662	0.012316	-23.3504	-2.8943
{10}-{13}	1*60	5*30	6.0548	5.388808	0.263227	-4.6048	16.7144

{10}-{14}	1*60	5*60	-2.7300	4.123210	0.509052	-10.8862	5.4261
{10}-{15}	1*60	5*120	-9.7759	5.388808	0.071932	-20.4355	0.8837
{10}-{16}	1*60	5*180	-15.3163	5.388808	0.005192	-25.9759	-4.6567
{10}-{17}	1*60	10*30	-1.8140	5.388808	0.736929	-12.4736	8.8456
{10}-{18}	1*60	10*60	-8.0834	4.123210	0.052047	-16.2395	0.0727
{10}-{19}	1*60	10*120	-14.3300	5.388808	0.008802	-24.9896	-3.6704
{10}-{20}	1*60	10*180	-16.7982	5.388808	0.002241	-27.4577	-6.1386
{11}-{12}	1*120	1*180	-4.6054	5.170662	0.374725	-14.8335	5.6227
{11}-{13}	1*120	5*30	14.5718	5.388808	0.007752	3.9122	25.2314
{11}-{14}	1*120	5*60	5.7870	5.388808	0.284834	-4.8726	16.4465
{11}-{15}	1*120	5*120	-1.2589	4.123210	0.760601	-9.4150	6.8972
{11}-{16}	1*120	5*180	-6.7993	5.388808	0.209265	-17.4589	3.8603
{11}-{17}	1*120	10*30	6.7029	5.388808	0.215754	-3.9566	17.3625
{11}-{18}	1*120	10*60	0.4336	5.388808	0.935996	-10.2260	11.0932
{11}-{19}	1*120	10*120	-5.8130	4.123210	0.160941	-13.9692	2.3431
{11}-{20}	1*120	10*180	-8.2812	5.388808	0.126752	-18.9408	2.3784
{12}-{13}	1*180	5*30	19.1772	5.388808	0.000519	8.5176	29.8368
{12}-{14}	1*180	5*60	10.3923	5.388808	0.055940	-0.2673	21.0519
{12}-{15}	1*180	5*120	3.3465	5.388808	0.535669	-7.3131	14.0061

{12}-{16}	1*180	5*180	-2.1939	4.123210	0.595555	-10.3501	5.9622
{12}-{17}	1*180	10*30	11.3083	5.388808	0.037768	0.6487	21.9679
{12}-{18}	1*180	10*60	5.0389	5.388808	0.351458	-5.6207	15.6985
{12}-{19}	1*180	10*120	-1.2077	5.388808	0.823020	-11.8673	9.4519
{12}-{20}	1*180	10*180	-3.6758	4.123210	0.374290	-11.8319	4.4803
{13}-{14}	5*30	5*60	-8.7848	5.170662	0.091679	-19.0129	1.4432
{13}-{15}	5*30	5*120	-15.8307	5.170662	0.002668	-26.0588	-5.6026
{13}-{16}	5*30	5*180	-21.3711	5.170662	0.000063	-31.5992	-11.1430
{13}-{17}	5*30	10*30	-7.8688	4.123210	0.058507	-16.0250	0.2873
{13}-{18}	5*30	10*60	-14.1382	5.388808	0.009724	-24.7978	-3.4786
{13}-{19}	5*30	10*120	-20.3848	5.388808	0.000234	-31.0444	-9.7252
{13}-{20}	5*30	10*180	-22.8529	5.388808	0.000042	-33.5125	-12.1934
{14}-{15}	5*60	5*120	-7.0459	5.170662	0.175310	-17.2739	3.1822
{14}-{16}	5*60	5*180	-12.5863	5.170662	0.016263	-22.8143	-2.3582
{14}-{17}	5*60	10*30	0.9160	5.388808	0.865285	-9.7436	11.5756
{14}-{18}	5*60	10*60	-5.3534	4.123210	0.196429	-13.5095	2.8027
{14}-{19}	5*60	10*120	-11.6000	5.388808	0.033168	-22.2596	-0.9404
{14}-{20}	5*60	10*180	-14.0681	5.388808	0.010083	-24.7277	-3.4085
{15}-{16}	5*120	5*180	-5.5404	5.170662	0.285897	-15.7685	4.6877

{15}-{17}	5*120	10*30	7.9619	5.388808	0.141929	-2.6977	18.6215
{15}-{18}	5*120	10*60	1.6925	5.388808	0.753963	-8.9671	12.3521
{15}-{19}	5*120	10*120	-4.5541	4.123210	0.271381	-12.7103	3.6020
{15}-{20}	5*120	10*180	-7.0222	5.388808	0.194803	-17.6818	3.6373
{16}-{17}	5*180	10*30	13.5023	5.388808	0.013440	2.8427	24.1619
{16}-{18}	5*180	10*60	7.2329	5.388808	0.181834	-3.4267	17.8925
{16}-{19}	5*180	10*120	0.9863	5.388808	0.855062	-9.6733	11.6459
{16}-{20}	5*180	10*180	-1.4818	4.123210	0.719876	-9.6380	6.6743
{17}-{18}	10*30	10*60	-6.2694	5.170662	0.227490	-16.4975	3.9587
{17}-{19}	10*30	10*120	-12.5160	5.170662	0.016856	-22.7441	-2.2879
{17}-{20}	10*30	10*180	-14.9841	5.170662	0.004400	-25.2122	-4.7560
{18}-{19}	10*60	10*120	-6.2466	5.170662	0.229174	-16.4747	3.9815
{18}-{20}	10*60	10*180	-8.7147	5.170662	0.094271	-18.9428	1.5134
{19}-{20}	10*120	10*180	-2.4681	5.170662	0.633916	-12.6962	7.7600

## z. Viable cells (%)

Concentration\*Time Point; LS Means (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Current effect:  $F(12, 131)=2.0113, p=.02791$

Type V decomposition

<b>Cell No.</b>	<b>Concentration</b>	<b>Time Point</b>	<b>% Viab - Mean</b>	<b>% Viab - Std.Err.</b>	<b>% Viab - -95.00%</b>	<b>% Viab - +95.00%</b>	<b>N</b>
1	C	30	60.54940	3.531854	53.56255	67.53625	12
2	C	60	49.05713	3.531854	42.07028	56.04398	12
3	C	120	46.18718	3.531854	39.20033	53.17403	12
4	C	180	47.47336	3.531854	40.48651	54.46021	12
5	0.1	30	55.43819	3.531854	48.45135	62.42504	12
6	0.1	60	49.53746	3.531854	42.55061	56.52430	12
7	0.1	120	44.64163	3.531854	37.65478	51.62848	12
8	0.1	180	43.53425	3.531854	36.54740	50.52110	12
9	1	30	54.81168	3.531854	47.82483	61.79853	12
10	1	60	43.33370	3.531854	36.34685	50.32055	12
11	1	120	47.12282	3.531854	40.13597	54.10967	12

<b>12</b>	1	180	40.00631	3.531854	33.01946	46.99316	12
<b>13</b>	5	30	48.96248	3.531854	41.97563	55.94933	12
<b>14</b>	5	60	49.81304	3.531854	42.82619	56.79989	12
<b>15</b>	5	120	44.67130	3.531854	37.68445	51.65815	12
<b>16</b>	5	180	40.36963	3.601975	33.24406	47.49519	11
<b>17</b>	10	30	44.57123	3.531854	37.58438	51.55808	12
<b>18</b>	10	60	45.96033	3.531854	38.97348	52.94718	12
<b>19</b>	10	120	42.81170	3.531854	35.82485	49.79855	12
<b>20</b>	10	180	36.62823	3.531854	29.64138	43.61508	12

LSD test; variable % Viab (Human Results- Final in Analysis - 06Jul2012 - Johan Maartens Results.stw)

Simultaneous confidence intervals

Effect: Concentration\*Time Point

<b>Comparisons</b>	<b>1st - Mean</b>	<b>2nd - Mean</b>	<b>Mean - Differ.</b>	<b>Standard - Error</b>	<b>p</b>	<b>-95.00% - Cnf.Lmt</b>	<b>+95.00% - Cnf.Lmt</b>
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Cell {#1}-{#2}							
{1}-{2}	C*30	C*60	11.4923	3.816309	0.003122	3.9427	19.04184
{1}-{3}	C*30	C*120	14.3622	3.816309	0.000252	6.8126	21.91179
{1}-{4}	C*30	C*180	13.0760	3.816309	0.000818	5.5265	20.62561
{1}-{5}	C*30	0.1*30	5.1112	3.041618	0.095258	-0.9058	11.12825
{1}-{6}	C*30	0.1*60	11.0119	3.816309	0.004572	3.4624	18.56151
{1}-{7}	C*30	0.1*120	15.9078	3.816309	0.000055	8.3582	23.45734
{1}-{8}	C*30	0.1*180	17.0151	3.816309	0.000018	9.4656	24.56472
{1}-{9}	C*30	1*30	5.7377	3.041618	0.061454	-0.2793	11.75476
{1}-{10}	C*30	1*60	17.2157	3.816309	0.000014	9.6661	24.76527
{1}-{11}	C*30	1*120	13.4266	3.816309	0.000598	5.8770	20.97615
{1}-{12}	C*30	1*180	20.5431	3.816309	0.000000	12.9935	28.09266
{1}-{13}	C*30	5*30	11.5869	3.041618	0.000213	5.5699	17.60396
{1}-{14}	C*30	5*60	10.7364	3.816309	0.005660	3.1868	18.28593
{1}-{15}	C*30	5*120	15.8781	3.816309	0.000057	8.3285	23.42767
{1}-{16}	C*30	5*180	20.1798	3.881295	0.000001	12.5016	27.85790
{1}-{17}	C*30	10*30	15.9782	3.041618	0.000001	9.9611	21.99522
{1}-{18}	C*30	10*60	14.5891	3.816309	0.000203	7.0395	22.13863
{1}-{19}	C*30	10*120	17.7377	3.816309	0.000008	10.1881	25.28726

{1}-{20}	C*30	10*180	23.9212	3.816309	0.000000	16.3716	31.47073
{2}-{3}	C*60	C*120	2.8699	3.816309	0.453387	-4.6796	10.41952
{2}-{4}	C*60	C*180	1.5838	3.816309	0.678820	-5.9658	9.13334
{2}-{5}	C*60	0.1*30	-6.3811	3.816309	0.096901	-13.9306	1.16850
{2}-{6}	C*60	0.1*60	-0.4803	3.041618	0.874764	-6.4974	5.53672
{2}-{7}	C*60	0.1*120	4.4155	3.816309	0.249375	-3.1341	11.96507
{2}-{8}	C*60	0.1*180	5.5229	3.816309	0.150236	-2.0267	13.07244
{2}-{9}	C*60	1*30	-5.7546	3.816309	0.133992	-13.3041	1.79501
{2}-{10}	C*60	1*60	5.7234	3.041618	0.062095	-0.2936	11.74047
{2}-{11}	C*60	1*120	1.9343	3.816309	0.613111	-5.6153	9.48387
{2}-{12}	C*60	1*180	9.0508	3.816309	0.019167	1.5013	16.60039
{2}-{13}	C*60	5*30	0.0946	3.816309	0.980253	-7.4549	7.64421
{2}-{14}	C*60	5*60	-0.7559	3.041618	0.804118	-6.7730	5.26113
{2}-{15}	C*60	5*120	4.3858	3.816309	0.252554	-3.1637	11.93539
{2}-{16}	C*60	5*180	8.6875	3.881295	0.026890	1.0094	16.36563
{2}-{17}	C*60	10*30	4.4859	3.816309	0.241945	-3.0637	12.03547
{2}-{18}	C*60	10*60	3.0968	3.041618	0.310488	-2.9203	9.11384
{2}-{19}	C*60	10*120	6.2454	3.816309	0.104133	-1.3041	13.79499
{2}-{20}	C*60	10*180	12.4289	3.816309	0.001435	4.8793	19.97846

{3}-{4}	C*120	C*180	-1.2862	3.816309	0.736640	-8.8357	6.26339
{3}-{5}	C*120	0.1*30	-9.2510	3.816309	0.016712	-16.8006	-1.70144
{3}-{6}	C*120	0.1*60	-3.3503	3.816309	0.381614	-10.8998	4.19929
{3}-{7}	C*120	0.1*120	1.5456	3.041618	0.612213	-4.4715	7.56260
{3}-{8}	C*120	0.1*180	2.6529	3.816309	0.488189	-4.8966	10.20250
{3}-{9}	C*120	1*30	-8.6245	3.816309	0.025478	-16.1741	-1.07493
{3}-{10}	C*120	1*60	2.8535	3.816309	0.455977	-4.6961	10.40305
{3}-{11}	C*120	1*120	-0.9356	3.041618	0.758865	-6.9527	5.08140
{3}-{12}	C*120	1*180	6.1809	3.816309	0.107724	-1.3687	13.73044
{3}-{13}	C*120	5*30	-2.7753	3.816309	0.468388	-10.3249	4.77427
{3}-{14}	C*120	5*60	-3.6259	3.816309	0.343813	-11.1754	3.92371
{3}-{15}	C*120	5*120	1.5159	3.041618	0.619053	-4.5012	7.53292
{3}-{16}	C*120	5*180	5.8176	3.881295	0.136313	-1.8606	13.49568
{3}-{17}	C*120	10*30	1.6160	3.816309	0.672674	-5.9336	9.16552
{3}-{18}	C*120	10*60	0.2268	3.816309	0.952691	-7.3227	7.77642
{3}-{19}	C*120	10*120	3.3755	3.041618	0.269134	-2.6416	9.39252
{3}-{20}	C*120	10*180	9.5589	3.816309	0.013480	2.0094	17.10852
{4}-{5}	C*180	0.1*30	-7.9648	3.816309	0.038822	-15.5144	-0.41527
{4}-{6}	C*180	0.1*60	-2.0641	3.816309	0.589521	-9.6137	5.48547

{4}-{7}	C*180	0.1*120	2.8317	3.816309	0.459411	-4.7178	10.38130
{4}-{8}	C*180	0.1*180	3.9391	3.041618	0.197574	-2.0779	9.95615
{4}-{9}	C*180	1*30	-7.3383	3.816309	0.056665	-14.8879	0.21124
{4}-{10}	C*180	1*60	4.1397	3.816309	0.280034	-3.4099	11.68923
{4}-{11}	C*180	1*120	0.3505	3.816309	0.926956	-7.1990	7.90010
{4}-{12}	C*180	1*180	7.4671	3.041618	0.015402	1.4500	13.48410
{4}-{13}	C*180	5*30	-1.4891	3.816309	0.697022	-9.0387	6.06044
{4}-{14}	C*180	5*60	-2.3397	3.816309	0.540890	-9.8893	5.20988
{4}-{15}	C*180	5*120	2.8021	3.816309	0.464120	-4.7475	10.35162
{4}-{16}	C*180	5*180	7.1037	3.122767	0.024542	0.9262	13.28131
{4}-{17}	C*180	10*30	2.9021	3.816309	0.448350	-4.6474	10.45170
{4}-{18}	C*180	10*60	1.5130	3.816309	0.692409	-6.0365	9.06259
{4}-{19}	C*180	10*120	4.6617	3.816309	0.224087	-2.8879	12.21122
{4}-{20}	C*180	10*180	10.8451	3.041618	0.000508	4.8281	16.86217
{5}-{6}	0.1*30	0.1*60	5.9007	3.816309	0.124471	-1.6488	13.45031
{5}-{7}	0.1*30	0.1*120	10.7966	3.816309	0.005404	3.2470	18.34614
{5}-{8}	0.1*30	0.1*180	11.9039	3.816309	0.002230	4.3544	19.45351
{5}-{9}	0.1*30	1*30	0.6265	3.041618	0.837126	-5.3905	6.64356
{5}-{10}	0.1*30	1*60	12.1045	3.816309	0.001887	4.5549	19.65407

{5}-{11}	0.1*30	1*120	8.3154	3.816309	0.031128	0.7658	15.86494
{5}-{12}	0.1*30	1*180	15.4319	3.816309	0.000089	7.8823	22.98146
{5}-{13}	0.1*30	5*30	6.4757	3.041618	0.035123	0.4587	12.49276
{5}-{14}	0.1*30	5*60	5.6252	3.816309	0.142887	-1.9244	13.17472
{5}-{15}	0.1*30	5*120	10.7669	3.816309	0.005528	3.2173	18.31646
{5}-{16}	0.1*30	5*180	15.0686	3.881295	0.000163	7.3904	22.74670
{5}-{17}	0.1*30	10*30	10.8670	3.041618	0.000495	4.8499	16.88401
{5}-{18}	0.1*30	10*60	9.4779	3.816309	0.014272	1.9283	17.02743
{5}-{19}	0.1*30	10*120	12.6265	3.816309	0.001211	5.0769	20.17606
{5}-{20}	0.1*30	10*180	18.8100	3.816309	0.000002	11.2604	26.35953
{6}-{7}	0.1*60	0.1*120	4.8958	3.816309	0.201803	-2.6537	12.44540
{6}-{8}	0.1*60	0.1*180	6.0032	3.816309	0.118122	-1.5464	13.55277
{6}-{9}	0.1*60	1*30	-5.2742	3.816309	0.169317	-12.8238	2.27534
{6}-{10}	0.1*60	1*60	6.2038	3.041618	0.043398	0.1867	12.22080
{6}-{11}	0.1*60	1*120	2.4146	3.816309	0.528023	-5.1349	9.96420
{6}-{12}	0.1*60	1*180	9.5311	3.816309	0.013747	1.9816	17.08072
{6}-{13}	0.1*60	5*30	0.5750	3.816309	0.880474	-6.9746	8.12454
{6}-{14}	0.1*60	5*60	-0.2756	3.041618	0.927945	-6.2926	5.74146
{6}-{15}	0.1*60	5*120	4.8662	3.816309	0.204533	-2.6834	12.41572

{6}-{16}	0.1*60	5*180	9.1678	3.881295	0.019647	1.4897	16.84596
{6}-{17}	0.1*60	10*30	4.9662	3.816309	0.195434	-2.5833	12.51580
{6}-{18}	0.1*60	10*60	3.5771	3.041618	0.241704	-2.4399	9.59417
{6}-{19}	0.1*60	10*120	6.7258	3.816309	0.080339	-0.8238	14.27532
{6}-{20}	0.1*60	10*180	12.9092	3.816309	0.000947	5.3597	20.45879
{7}-{8}	0.1*120	0.1*180	1.1074	3.816309	0.772145	-6.4422	8.65695
{7}-{9}	0.1*120	1*30	-10.1701	3.816309	0.008670	-17.7196	-2.62048
{7}-{10}	0.1*120	1*60	1.3079	3.816309	0.732357	-6.2416	8.85750
{7}-{11}	0.1*120	1*120	-2.4812	3.041618	0.416125	-8.4982	3.53585
{7}-{12}	0.1*120	1*180	4.6353	3.816309	0.226700	-2.9142	12.18489
{7}-{13}	0.1*120	5*30	-4.3209	3.816309	0.259615	-11.8704	3.22871
{7}-{14}	0.1*120	5*60	-5.1714	3.816309	0.177723	-12.7210	2.37816
{7}-{15}	0.1*120	5*120	-0.0297	3.041618	0.992231	-6.0467	5.98737
{7}-{16}	0.1*120	5*180	4.2720	3.881295	0.273061	-3.4061	11.95013
{7}-{17}	0.1*120	10*30	0.0704	3.816309	0.985310	-7.4792	7.61997
{7}-{18}	0.1*120	10*60	-1.3187	3.816309	0.730239	-8.8683	6.23086
{7}-{19}	0.1*120	10*120	1.8299	3.041618	0.548461	-4.1871	7.84697
{7}-{20}	0.1*120	10*180	8.0134	3.816309	0.037667	0.4638	15.56296
{8}-{9}	0.1*180	1*30	-11.2774	3.816309	0.003708	-18.8270	-3.72786

{8}-{10}	0.1*180	1*60	0.2006	3.816309	0.958169	-7.3490	7.75012
{8}-{11}	0.1*180	1*120	-3.5886	3.816309	0.348782	-11.1381	3.96100
{8}-{12}	0.1*180	1*180	3.5279	3.041618	0.248203	-2.4891	9.54499
{8}-{13}	0.1*180	5*30	-5.4282	3.816309	0.157293	-12.9778	2.12134
{8}-{14}	0.1*180	5*60	-6.2788	3.816309	0.102315	-13.8284	1.27078
{8}-{15}	0.1*180	5*120	-1.1371	3.816309	0.766217	-8.6866	6.41252
{8}-{16}	0.1*180	5*180	3.1646	3.122767	0.312735	-3.0130	9.34220
{8}-{17}	0.1*180	10*30	-1.0370	3.816309	0.786263	-8.5865	6.51259
{8}-{18}	0.1*180	10*60	-2.4261	3.816309	0.526072	-9.9757	5.12349
{8}-{19}	0.1*180	10*120	0.7225	3.816309	0.850126	-6.8270	8.27212
{8}-{20}	0.1*180	10*180	6.9060	3.041618	0.024809	0.8890	12.92306
{9}-{10}	1*30	1*60	11.4780	3.816309	0.003158	3.9284	19.02755
{9}-{11}	1*30	1*120	7.6889	3.816309	0.045979	0.1393	15.23843
{9}-{12}	1*30	1*180	14.8054	3.816309	0.000165	7.2558	22.35495
{9}-{13}	1*30	5*30	5.8492	3.041618	0.056643	-0.1678	11.86624
{9}-{14}	1*30	5*60	4.9986	3.816309	0.192552	-2.5509	12.54821
{9}-{15}	1*30	5*120	10.1404	3.816309	0.008862	2.5908	17.68995
{9}-{16}	1*30	5*180	14.4421	3.881295	0.000293	6.7639	22.12018
{9}-{17}	1*30	10*30	10.2405	3.041618	0.000999	4.2234	16.25750

{9}-{18}	1*30	10*60	8.8513	3.816309	0.021924	1.3018	16.40092
{9}-{19}	1*30	10*120	12.0000	3.816309	0.002059	4.4504	19.54955
{9}-{20}	1*30	10*180	18.1834	3.816309	0.000005	10.6339	25.73302
{10}-{11}	1*60	1*120	-3.7891	3.816309	0.322600	-11.3387	3.76045
{10}-{12}	1*60	1*180	3.3274	3.816309	0.384865	-4.2222	10.87696
{10}-{13}	1*60	5*30	-5.6288	3.816309	0.142631	-13.1784	1.92078
{10}-{14}	1*60	5*60	-6.4793	3.041618	0.035022	-12.4964	-0.46230
{10}-{15}	1*60	5*120	-1.3376	3.816309	0.726529	-8.8872	6.21197
{10}-{16}	1*60	5*180	2.9641	3.881295	0.446430	-4.7141	10.64220
{10}-{17}	1*60	10*30	-1.2375	3.816309	0.746248	-8.7871	6.31204
{10}-{18}	1*60	10*60	-2.6266	3.041618	0.389405	-8.6437	3.39041
{10}-{19}	1*60	10*120	0.5220	3.816309	0.891415	-7.0276	8.07156
{10}-{20}	1*60	10*180	6.7055	3.816309	0.081245	-0.8441	14.25503
{11}-{12}	1*120	1*180	7.1165	3.816309	0.064452	-0.4331	14.66609
{11}-{13}	1*120	5*30	-1.8397	3.816309	0.630573	-9.3892	5.70991
{11}-{14}	1*120	5*60	-2.6902	3.816309	0.482107	-10.2398	4.85935
{11}-{15}	1*120	5*120	2.4515	3.041618	0.421708	-3.5655	8.46857
{11}-{16}	1*120	5*180	6.7532	3.881295	0.084219	-0.9249	14.43132
{11}-{17}	1*120	10*30	2.5516	3.816309	0.504926	-4.9980	10.10116



{11}-{18}	1*120	10*60	1.1625	3.816309	0.761146	-6.3871	8.71206
{11}-{19}	1*120	10*120	4.3111	3.041618	0.158747	-1.7059	10.32816
{11}-{20}	1*120	10*180	10.4946	3.816309	0.006804	2.9450	18.04416
{12}-{13}	1*180	5*30	-8.9562	3.816309	0.020434	-16.5057	-1.40661
{12}-{14}	1*180	5*60	-9.8067	3.816309	0.011298	-17.3563	-2.25717
{12}-{15}	1*180	5*120	-4.6650	3.816309	0.223757	-12.2146	2.88457
{12}-{16}	1*180	5*180	-0.3633	3.122767	0.907557	-6.5409	5.81426
{12}-{17}	1*180	10*30	-4.5649	3.816309	0.233794	-12.1145	2.98465
{12}-{18}	1*180	10*60	-5.9540	3.816309	0.121136	-13.5036	1.59554
{12}-{19}	1*180	10*120	-2.8054	3.816309	0.463588	-10.3550	4.74417
{12}-{20}	1*180	10*180	3.3781	3.041618	0.268768	-2.6390	9.39512
{13}-{14}	5*30	5*60	-0.8506	3.816309	0.823980	-8.4001	6.69901
{13}-{15}	5*30	5*120	4.2912	3.816309	0.262886	-3.2584	11.84075
{13}-{16}	5*30	5*180	8.5929	3.881295	0.028564	0.9147	16.27098
{13}-{17}	5*30	10*30	4.3913	3.041618	0.151204	-1.6258	10.40830
{13}-{18}	5*30	10*60	3.0021	3.816309	0.432900	-4.5474	10.55172
{13}-{19}	5*30	10*120	6.1508	3.816309	0.109432	-1.3988	13.70035
{13}-{20}	5*30	10*180	12.3343	3.816309	0.001555	4.7847	19.88382
{14}-{15}	5*60	5*120	5.1417	3.816309	0.180207	-2.4078	12.69131

{14}-{16}	5*60	5*180	9.4434	3.881295	0.016321	1.7653	17.12154
{14}-{17}	5*60	10*30	5.2418	3.816309	0.171934	-2.3078	12.79138
{14}-{18}	5*60	10*60	3.8527	3.041618	0.207523	-2.1643	9.86975
{14}-{19}	5*60	10*120	7.0013	3.816309	0.068836	-0.5482	14.55091
{14}-{20}	5*60	10*180	13.1848	3.816309	0.000742	5.6352	20.73438
{15}-{16}	5*120	5*180	4.3017	3.881295	0.269759	-3.3765	11.97980
{15}-{17}	5*120	10*30	0.1001	3.816309	0.979120	-7.4495	7.64964
{15}-{18}	5*120	10*60	-1.2890	3.816309	0.736078	-8.8386	6.26054
{15}-{19}	5*120	10*120	1.8596	3.041618	0.542005	-4.1574	7.87664
{15}-{20}	5*120	10*180	8.0431	3.816309	0.036976	0.4935	15.59264
{16}-{17}	5*180	10*30	-4.2016	3.881295	0.281007	-11.8797	3.47652
{16}-{18}	5*180	10*60	-5.5907	3.881295	0.152133	-13.2688	2.08742
{16}-{19}	5*180	10*120	-2.4421	3.881295	0.530319	-10.1202	5.23605
{16}-{20}	5*180	10*180	3.7414	3.122767	0.233041	-2.4362	9.91897
{17}-{18}	10*30	10*60	-1.3891	3.816309	0.716451	-8.9387	6.16046
{17}-{19}	10*30	10*120	1.7595	3.816309	0.645524	-5.7900	9.30909
{17}-{20}	10*30	10*180	7.9430	3.816309	0.039351	0.3934	15.49256
{18}-{19}	10*60	10*120	3.1486	3.816309	0.410845	-4.4009	10.69820
{18}-{20}	10*60	10*180	9.3321	3.816309	0.015800	1.7825	16.88167

{19}-{20}	10*120	10*180	6.1835	3.816309	0.107578	-1.3661	13.73304
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