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Data article

Dataset on retail outlet product prices for Botswana, Lesotho and South Africa

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ARTICLE INFO

Article history:

Received 20 December 2017

Received in revised form

1 May 2018

Accepted 3 May 2018

Available online 8 May 2018

Keywords:

Retail products

Consumer prices

Southern Africa

ABSTRACT

The data presented in this article are related to the research article entitled “Closer monetary union and product market integration in emerging economies: Evidence from the Common Monetary Area in Southern Africa” (M. A. Nchake, L. Edwards, N. Rankin, 2017) [1]. This article describes the monthly retail product prices used in the compilation of the consumer price index of Lesotho, South Africa and Botswana, and collected by the statistical offices in the respective countries. The data are provided at the product level and vary across cities and across time. Each individual product has information on the date (month and year), city, product and unit codes, units of measurements and, in some cases, brand name of that product. The data is made publicly available to enable replication analysis or to extend on the existing results.

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<https://doi.org/10.1016/j.dib.2018.05.006>

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Specifications Table

| | |
|-----------------------------------|---|
| Subject area | International economics, Private Enterprise Development |
| More specific subject area | Retail firms and micro price data |
| Type of data | Tables and metric variables |
| How data was acquired | The data were collected from the statistical offices of Botswana, Lesotho and South Africa. |
| Data format | Analysed |
| Experimental factors | Three datasets (for Lesotho, Botswana and South Africa) were combined in order to compare the level retail price differences over two specific periods. |
| Experimental features | The data were compared between the two periods which coincide with the periods before and after the introduction of macroeconomic policy shock in Botswana. |
| Data source location | Lesotho Bureau of Statistics, Botswana Central Statistical Office, Statistics South Africa. |
| Data accessibility | Data is available in this article. |

Value of the data

- The data underscores the significance of analysing price disparities at a micro level across countries can unpack some important insights on heterogeneity in the level of product prices across cities, even within narrowly defined products.
- The described study is important for the analysis of product market integration across countries.
- The time-dimension of the data provide further information on how changes in transaction costs affect retail prices over time in the Southern African region.
- The availability of data allows for re-use and replicability of the results thereof.

1. Data, experimental design, materials and methods

1.1. Data

The data provided is based on retail product prices underlying the consumer price index (CPI) in Botswana, Lesotho and South Africa, provided at the product level and varies across cities and across time.

Each product has several price records and has information on the date (month and year), city, product and unit codes and units of measurements of that product.

The data presented in this article covers the two periods (June 2004- May 2006) and (January 2007 – December 2008) for each of the three countries.

1.2. Experimental design, materials and methods

The data represent a quasi-experiment of two large macroeconomic policy reforms that were introduced in Botswana in May 2005 and in January 2008 [1]. The design is such that the retail product prices were observed a year before and after the introduction of each of the policy reforms [2]. A very detailed concordance of these products describes names, units and in some cases, brands using the product lists obtained from the Botswana, Lesotho and SA statistical offices. A set of regions in the three countries where the price data for the selected products were available for all periods were then identified (Table 1). Finally, the data accounts for the differences in tax rates on goods and services (sales tax and Value added tax) and exchange rates between Botswana and Lesotho and South Africa.

Table 1
presents the descriptions of the retail products.

| Lesotho | Botswana | South Africa | South African sourced products | Product types |
|---|---|--|--------------------------------|---------------|
| Soft drink, Coca-Cola, 340 ml can | Coca Cola, 340 ml can | Coca-Cola Soft Drink, 340 ml can | Yes | ** |
| Candles, Newden, packet of six | Candles, packet of six | White Candles, packet of six | Yes | |
| Wine (Non-Sparkling), White JC Leroux, 750 ml | Cane Spirit, (Mainstay), 750 ml | White Wine - South African, 750 ml | Yes | ** |
| Women's footwear, Ladies' dress shoes | Ladies flat working shoes, size 6 | Court shoes - Genuine leather upper, pair | No | |
| Peanut Butter, Blackcat, 410 g | Peanut Butter, 400 g | Peanut Butter, 410 g | Yes | ** |
| Electric Kettle; material-plastic | Kettle (4 cups, not electric) | Kettle, each | Yes | |
| Cake flour, 2.5 kg | White bread flour, 2.5 kgs | Cake flour, 2.5 Kg | Yes | ** |
| ¹ Bed, Base and mattress | Double bed with mattress, (Sealy Posture) | Double Bed base with inner-spring Mattress | Yes | |
| Green beans, 500 g | Beans, 500 g | Beans, 500 g | No | * |
| Cabbage, 1 kg | Cabbage, 1 kg | Cabbage, 1 kg | No | * |
| Bread, white, one loaf | Bread, one white loaf, not sliced | Loaf of white bread, 700 g | No | * |
| Sugar, white, 2.5 kg | Sugar, white, 2 kg | Sugar, white, 2.5 kg | Yes | ** |
| Peas, Koo canned, 410 g | Tinned peas, 410 g | Peas, 410 g | Yes | ** |
| Cereal, cornflakes, 500 g | Corn Flakes, 500 g box (Kellogg's) | Cereal Flakes (e.g. Corn Flakes), 500 g | Yes | ** |
| Biscuits, Marie blue label, 200 g | Biscuits, (Eet-Sum-More), 200 g | Marie Biscuits, 200 g | Yes | * |
| Oil, sunflower, 750 ml | Sunflower cooking oil, 750 ml bottle | Sunflower oil, 750 ml | Yes | ** |
| Macaroni, Fattis and Monis, 500 g | Spaghetti, 500 g | Macaroni, 500 g | Yes | ** |
| Jik, (bleach), 750 ml | Bleach, (JIK), 750 ml | Bleach, 750 ml | Yes | |

¹ Prices are collected from SA furniture chain stores *Perishables products **Non-perishable products.

* Non-perishable products.

** Perishables products.

Table A1, in the Appendix A, presents summary statistics (mean, median and standard deviation) of the natural log of the monthly retail price by product for each country. Tables A2 and A3 present the mean, median and standard deviation of log prices by month over the two periods for each of the three countries. Tables A4 and A5 presents the summary statistics on the mean absolute values in log differences between South Africa and Lesotho and between South Africa and Botswana for each product in the sample.

This data is important in facilitating analysis of prices at a unit level that enables an understanding of actual pricing conduct at the most basic level. This is important for academic advancement in building macroeconomic models that better incorporate the characteristics of economic agents at the micro level.

Acknowledgements

The collection of this data was financially supported by the Private Enterprise Development in Low-Income Countries (PEDL) Exploratory Research Grant provided by the research initiative of the Centre for Economic Policy Research (CEPR) (grant number 223); the Carnegie foundation New York; and the African Economic Research Consortium (AERC). We also acknowledge the Lesotho Bureau of Statistics, Central Statistics office Botswana and Statistics South Africa for compiling and providing access to their unpublished data.

Appendix A

See Tables A1–A5.

Table A1

Log prices by products in the sample.

| Product description | Botswana | | | Lesotho | | | South Africa | | |
|---|----------------|--------|--------------------|----------------|--------|--------------------|----------------|--------|--------------------|
| | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation |
| First period (June 2004 - May 2006) | | | | | | | | | |
| Bed, Base and mattress | 7.734 | 7.802 | 0.308 | 7.964 | 7.958 | 0.217 | 7.836 | 7.852 | 0.304 |
| Biscuits, Marie blue label, 200 g | 1.952 | 1.943 | 0.064 | 1.968 | 1.969 | 0.065 | 1.395 | 1.384 | 0.161 |
| Bread, white, One loaf | 1.443 | 1.434 | 0.081 | 1.2 | 1.219 | 0.121 | 1.517 | 1.545 | 0.128 |
| Cabbage, 1 kg | 2.152 | 2.154 | 0.102 | 2.117 | 2.138 | 0.09 | 2.117 | 2.099 | 0.121 |
| Cakeflour, 2.5 kg | 3.301 | 3.302 | 0.075 | 2.412 | 2.412 | 0.068 | 2.52 | 2.484 | 0.144 |
| Candles, Newden, packet of six | 1.709 | 1.703 | 0.124 | 1.500 | 1.501 | 0.113 | 1.709 | 1.641 | 0.222 |
| Cereal, cornflakes, 500 g | 2.93 | 2.928 | 0.105 | 2.648 | 2.671 | 0.162 | 2.691 | 2.707 | 0.124 |
| Electric Kettle; material-plastic | 3.608 | 3.610 | 0.144 | 3.565 | 3.525 | 0.257 | 4.793 | 4.787 | 0.237 |
| Frozen green beans, 500 g | 1.904 | 1.905 | 0.104 | 1.502 | 1.51 | 0.063 | 1.628 | 1.646 | 0.198 |
| Jik, 750 ml | 2.118 | 2.119 | 0.098 | 2.031 | 2.034 | 0.064 | 1.778 | 1.811 | 0.224 |
| Macaroni, Fattis and Monis,500 g | 1.69 | 1.696 | 0.078 | 1.695 | 1.696 | 0.058 | 1.635 | 1.620 | 0.130 |
| Oil, Sunflower, 750 ml | 2.162 | 2.167 | 0.076 | 1.993 | 1.990 | 0.067 | 1.918 | 1.886 | 0.123 |
| Peanut butter, blackcat, 410 g | 2.37 | 2.375 | 0.068 | 2.329 | 2.327 | 0.045 | 2.213 | 2.223 | 0.117 |
| Peas, Koo canned, 410 g | 1.974 | 1.966 | 0.071 | 1.413 | 1.379 | 0.164 | 1.770 | 1.829 | 0.214 |
| Soft drink, Coca-Cola, 340 ml can | 1.442 | 1.437 | 0.056 | 1.652 | 1.662 | 0.044 | 1.416 | 1.386 | 0.06 |
| Sugar, white, 2.5 kg | 2.686 | 2.68 | 0.062 | 2.515 | 2.510 | 0.051 | 2.559 | 2.587 | 0.083 |
| Wine (Non-Spackling), White JC Leroux, 750 ml | 3.716 | 3.746 | 0.206 | 2.592 | 2.565 | 0.207 | 2.904 | 2.913 | 0.239 |
| Women's footwear, Ladies' dress shoes | 4.573 | 4.555 | 0.187 | 4.592 | 4.605 | 0.323 | 5.277 | 5.296 | 0.401 |
| Second period (January 2007 – December 2008) | | | | | | | | | |
| Bed, Base and mattress | 8.246 | 8.274 | 0.291 | 7.819 | 7.856 | 0.415 | 7.907 | 7.899 | 0.249 |
| Biscuits, Marie blue label, 200 g | 2.215 | 2.178 | 0.206 | 2.158 | 2.14 | 0.144 | 1.589 | 1.579 | 0.22 |
| Bread, white, One loaf | 1.809 | 1.766 | 0.242 | 1.517 | 1.458 | 0.136 | 1.774 | 1.754 | 0.197 |
| Cabbage, 1 kg | 2.336 | 2.322 | 0.163 | 2.146 | 2.165 | 0.125 | 2.224 | 2.216 | 0.129 |
| Cakeflour,2.5 kg | 3.538 | 3.498 | 0.228 | 2.667 | 2.611 | 0.218 | 2.700 | 2.649 | 0.252 |
| Candles, Newden, packet of six | 2.293 | 2.226 | 0.278 | 2.049 | 1.999 | 0.257 | 2.338 | 2.332 | 0.236 |
| Cereal, cornflakes, 500 g | 3.092 | 3.079 | 0.183 | 2.818 | 2.833 | 0.192 | 2.780 | 2.777 | 0.092 |
| Electric Kettle; material-plastic | 4.738 | 4.719 | 0.197 | 3.688 | 3.807 | 0.351 | 4.934 | 4.875 | 0.355 |
| Frozen green beans, 500 g | 2.411 | 2.398 | 0.184 | 2.230 | 2.247 | 0.128 | 2.034 | 2.014 | 0.198 |
| Jik, 750 ml | 2.089 | 2.059 | 0.194 | 1.949 | 1.935 | 0.158 | 1.907 | 1.862 | 0.201 |
| Macaroni, Fattis and Monis, 500 g | 2.668 | 2.567 | 0.300 | 2.386 | 2.250 | 0.358 | 2.352 | 2.267 | 0.343 |
| Oil, Sunflower,750 ml | 2.609 | 2.587 | 0.146 | 2.503 | 2.504 | 0.137 | 2.464 | 2.475 | 0.134 |
| Peanut butter, blackcat, 410 g | 2.161 | 2.151 | 0.150 | 1.602 | 1.568 | 0.278 | 1.930 | 1.982 | 0.24 |
| Peas, Koo canned,410 g | 1.629 | 1.609 | 0.105 | 1.771 | 1.777 | 0.084 | 1.455 | 1.448 | 0.056 |

Table A1 (continued)

| Product description | Botswana | | | Lesotho | | | South Africa | | |
|---|----------------|--------|--------------------|----------------|--------|--------------------|----------------|--------|--------------------|
| | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation |
| Soft drink, Coca-Cola, 340 ml can | 2.084 | 2.063 | 0.233 | 1.664 | 1.652 | 0.118 | 1.937 | 1.968 | 0.237 |
| Sugar, white, 2.5 kg | 2.892 | 2.877 | 0.112 | 2.708 | 2.71 | 0.145 | 2.693 | 2.687 | 0.08 |
| Wine (Non-Sparkling), White JC Leroux, 750 ml | 2.834 | 2.822 | 0.147 | 3.038 | 2.867 | 0.502 | 3.296 | 3.296 | 0.227 |
| Women's footwear, Ladies' dress shoes | 4.386 | 4.526 | 0.603 | 4.752 | 4.776 | 0.499 | 5.420 | 5.521 | 0.340 |

Notes: The data are extracted from the price database that is used to construct the Consumer price index (CPI) for each country and are consistent throughout the whole period.

Table A2

Log prices by across time for the period June 2004 – May 2006.

| Month | Botswana | | | Lesotho | | | South africa | | |
|----------------|----------------|--------|--------------------|----------------|--------|--------------------|----------------|--------|--------------------|
| | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation |
| May 2004 | 2.763 | 2.214 | 1.470 | 2.517 | 2.094 | 1.556 | 2.397 | 1.962 | 1.458 |
| June 2004 | 2.756 | 2.209 | 1.471 | 2.529 | 2.114 | 1.592 | 2.430 | 1.986 | 1.518 |
| July 2004 | 2.759 | 2.217 | 1.471 | 2.529 | 2.063 | 1.586 | 2.428 | 2.014 | 1.516 |
| August 2004 | 2.787 | 2.246 | 1.473 | 2.506 | 2.073 | 1.566 | 2.428 | 2.006 | 1.520 |
| September 2004 | 2.775 | 2.230 | 1.474 | 2.516 | 2.075 | 1.569 | 2.420 | 1.957 | 1.526 |
| October 2004 | 2.768 | 2.216 | 1.477 | 2.517 | 2.068 | 1.562 | 2.410 | 1.949 | 1.517 |
| November 2004 | 2.758 | 2.205 | 1.471 | 2.516 | 2.070 | 1.568 | 2.415 | 1.944 | 1.515 |
| December 2004 | 2.760 | 2.210 | 1.472 | 2.524 | 2.071 | 1.567 | 2.425 | 1.949 | 1.523 |
| January 2005 | 2.776 | 2.216 | 1.473 | 2.511 | 2.089 | 1.556 | 2.421 | 1.944 | 1.518 |
| February 2005 | 2.767 | 2.213 | 1.472 | 2.485 | 2.061 | 1.582 | 2.426 | 1.987 | 1.519 |
| March 2005 | 2.792 | 2.226 | 1.470 | 2.456 | 2.031 | 1.494 | 2.419 | 1.987 | 1.517 |
| April 2005 | 2.787 | 2.280 | 1.473 | 2.508 | 2.063 | 1.580 | 2.416 | 2.010 | 1.511 |
| May 2005 | 2.691 | 2.131 | 1.473 | 2.508 | 2.081 | 1.556 | 2.421 | 2.006 | 1.513 |
| June 2005 | 2.705 | 2.137 | 1.475 | 2.524 | 2.080 | 1.553 | 2.422 | 2.027 | 1.515 |
| July 2005 | 2.707 | 2.147 | 1.472 | 2.495 | 2.046 | 1.58 | 2.389 | 2.020 | 1.461 |
| August 2005 | 2.707 | 2.135 | 1.470 | 2.491 | 2.059 | 1.543 | 2.383 | 2.027 | 1.456 |
| September 2005 | 2.703 | 2.129 | 1.473 | 2.515 | 2.070 | 1.549 | 2.424 | 1.997 | 1.479 |
| October 2005 | 2.719 | 2.146 | 1.473 | 2.495 | 2.048 | 1.559 | 2.418 | 2.027 | 1.464 |
| November 2005 | 2.706 | 2.128 | 1.477 | 2.506 | 2.063 | 1.546 | 2.295 | 1.987 | 1.331 |
| December 2005 | 2.702 | 2.107 | 1.495 | 2.513 | 2.088 | 1.545 | 2.287 | 2.000 | 1.326 |
| January 2006 | 2.691 | 2.112 | 1.497 | 2.518 | 2.086 | 1.542 | 2.322 | 2.010 | 1.390 |
| February 2006 | 2.698 | 2.117 | 1.499 | 2.525 | 2.090 | 1.557 | 2.329 | 2.006 | 1.387 |
| March 2006 | 2.713 | 2.135 | 1.496 | 2.523 | 2.082 | 1.555 | 2.654 | 2.027 | 1.696 |
| April 2006 | 2.720 | 2.146 | 1.501 | 2.518 | 2.076 | 1.560 | 2.665 | 1.964 | 1.736 |
| May 2006 | 2.764 | 2.170 | 1.501 | 2.515 | 2.076 | 1.556 | 2.618 | 1.970 | 1.646 |
| June 2006 | 2.788 | 2.191 | 1.502 | 2.518 | 2.051 | 1.560 | 2.605 | 1.963 | 1.634 |

Notes: The dates included in the sample are selected based on the two macroeconomic policy shocks in Botswana in 2005 and in 2008.

Table A3
Log prices by across time for the period January 2007 – December 2008.

| Month | Botswana | | | Lesotho | | | South africa | | |
|----------------|----------------|--------|--------------------|----------------|--------|--------------------|----------------|--------|--------------------|
| | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation | Simple average | Median | Standard deviation |
| January 2007 | 2.861 | 2.330 | 1.537 | 2.712 | 2.172 | 1.641 | 2.647 | 2.038 | 1.631 |
| February 2007 | 2.887 | 2.372 | 1.561 | 2.652 | 2.151 | 1.596 | 2.641 | 2.066 | 1.631 |
| March 2007 | 2.897 | 2.378 | 1.561 | 2.646 | 2.138 | 1.588 | 2.652 | 2.073 | 1.608 |
| April 2007 | 2.907 | 2.408 | 1.552 | 2.606 | 2.159 | 1.488 | 2.690 | 2.080 | 1.608 |
| May 2007 | 2.904 | 2.403 | 1.553 | 2.636 | 2.176 | 1.528 | 2.734 | 2.102 | 1.671 |
| June 2007 | 2.898 | 2.400 | 1.525 | 2.679 | 2.184 | 1.580 | 2.743 | 2.115 | 1.644 |
| July 2007 | 2.916 | 2.407 | 1.575 | 2.668 | 2.180 | 1.535 | 2.732 | 2.161 | 1.598 |
| August 2007 | 2.921 | 2.425 | 1.563 | 2.673 | 2.234 | 1.491 | 2.732 | 2.172 | 1.625 |
| September 2007 | 2.914 | 2.429 | 1.563 | 2.697 | 2.262 | 1.504 | 2.763 | 2.196 | 1.578 |
| October 2007 | 2.906 | 2.43 | 1.558 | 2.666 | 2.235 | 1.457 | 2.831 | 2.230 | 1.601 |
| November 2007 | 2.932 | 2.457 | 1.554 | 2.721 | 2.242 | 1.505 | 2.874 | 2.286 | 1.623 |
| December 2007 | 2.931 | 2.465 | 1.526 | 2.769 | 2.272 | 1.530 | 2.914 | 2.401 | 1.620 |
| January 2008 | 2.992 | 2.541 | 1.522 | 2.747 | 2.300 | 1.464 | 2.849 | 2.291 | 1.583 |
| February 2008 | 3.047 | 2.543 | 1.535 | 2.696 | 2.280 | 1.443 | 2.856 | 2.302 | 1.550 |
| March 2008 | 3.077 | 2.608 | 1.503 | 2.782 | 2.307 | 1.488 | 2.910 | 2.397 | 1.540 |
| April 2008 | 3.060 | 2.592 | 1.477 | 2.769 | 2.318 | 1.474 | 2.924 | 2.432 | 1.508 |
| May 2008 | 3.074 | 2.630 | 1.465 | 2.802 | 2.351 | 1.436 | 2.996 | 2.482 | 1.550 |
| June 2008 | 3.105 | 2.643 | 1.466 | 2.842 | 2.373 | 1.436 | 2.952 | 2.456 | 1.527 |
| July 2008 | 3.104 | 2.644 | 1.473 | 2.898 | 2.451 | 1.436 | 3.010 | 2.484 | 1.527 |
| August 2008 | 3.127 | 2.660 | 1.469 | 2.906 | 2.460 | 1.428 | 2.998 | 2.554 | 1.478 |
| September 2008 | 3.163 | 2.687 | 1.472 | 2.910 | 2.464 | 1.416 | 3.014 | 2.624 | 1.451 |
| October 2008 | 3.264 | 2.829 | 1.465 | 2.945 | 2.520 | 1.449 | 3.058 | 2.579 | 1.492 |
| November 2008 | 3.279 | 2.877 | 1.457 | 2.967 | 2.579 | 1.448 | 3.072 | 2.624 | 1.494 |
| December 2008 | 3.262 | 2.871 | 1.424 | 2.986 | 2.623 | 1.449 | 3.020 | 2.624 | 1.427 |

Notes: The dates included in the sample are selected based on the two macroeconomic policy shocks in Botswana in 2005 and in 2008.

Table A4

Mean absolute log price deviations by products for the period (May 2004–December 2008).

| Product description | June2004-May2006 | | Jan2007-Dec2008 | |
|--|------------------|---------|-----------------|---------|
| | SA-LES | SA-BOTS | SA-LES | SA-BOTS |
| Individual products | | | | |
| Bed, Base and mattress | 0.326 | 0.366 | 0.420 | 0.438 |
| Biscuits, MARIE blue label, 200 g | 0.557 | 0.537 | 0.552 | 0.618 |
| Bread, white, One loaf | 0.361 | 0.139 | 0.272 | 0.144 |
| Cabbage, 1 kg | 0.110 | 0.122 | 0.149 | 0.159 |
| Cakeflour,2.5 kg | 0.148 | 0.759 | 0.086 | 0.822 |
| Candles, Newden, packet of six | 0.256 | 0.172 | 0.131 | 0.222 |
| Cereal, cornflakes,500 g | 0.167 | 0.240 | 0.161 | 0.318 |
| Electric Kettle; material-plastic | 1.206 | 1.219 | 1.239 | 0.339 |
| Green beans, 500 g | 0.273 | 0.347 | 0.217 | 0.379 |
| jik, 750 ml | 0.122 | 0.117 | 0.105 | 0.190 |
| Macaroni, Fattis and Monis,500 g | 0.124 | 0.237 | 0.143 | 0.308 |
| Oil, Sunflower,750 ml | 0.142 | 0.169 | 0.088 | 0.153 |
| Peanut butter, blackcat,410 g | 0.424 | 0.203 | 0.384 | 0.243 |
| Peas, KOO canned,410 g | 0.233 | 0.061 | 0.270 | 0.121 |
| Soft drink, Coca-Cola can,340 ml | 0.201 | 0.289 | 0.320 | 0.216 |
| Sugar, white,2.5 kg | 0.081 | 0.142 | 0.087 | 0.202 |
| Wine (Non-Sparkling), White JC Leroux,750 ml | 0.359 | 0.805 | 0.458 | 0.451 |
| Women's footwear, Ladies' dress shoes | 0.767 | 0.863 | 0.784 | 1.065 |
| Product groups | | | | |
| Alcoholic beverages | 0.359 | 0.805 | 0.458 | 0.451 |
| Non-alcoholic beverages | 0.233 | 0.061 | 0.312 | 0.356 |
| Food | 0.219 | 0.275 | 0.219 | 0.305 |
| Clothing and footwear | 0.767 | 0.863 | 0.784 | 1.065 |
| Household furniture and equipment | 0.522 | 0.619 | 0.793 | 0.387 |
| Household operations | 0.266 | 0.271 | 0.188 | 0.327 |

Note: This table presents the summary statistics on the mean absolute values of the difference in log differences between South Africa and Lesotho and between South Africa and Botswana for each product in the sample. The data are presented for the year before and the year after an exchange rate policy shock in 2005 and a monetary policy shock in 2008, and are aggregated using the monthly price data for each city-pair.

Table A5

Mean absolute log price deviations over time (May 2004–December 2008).

| Date | May2004-April2006 | | January2007-December2008 | | |
|----------------|-------------------|---------|--------------------------|--------|---------|
| | SA-LES | SA-BOTS | Month | SA-LES | SA-BOTS |
| May 2004 | 0.254 | 0.335 | January 2007 | 0.339 | 0.391 |
| June 2004 | 0.25 | 0.339 | February 2007 | 0.316 | 0.389 |
| July 2004 | 0.256 | 0.36 | March 2007 | 0.305 | 0.389 |
| August 2004 | 0.259 | 0.355 | April 2007 | 0.299 | 0.386 |
| September 2004 | 0.25 | 0.347 | May 2007 | 0.321 | 0.38 |
| October 2004 | 0.245 | 0.338 | June 2007 | 0.314 | 0.368 |
| November 2004 | 0.256 | 0.339 | July 2007 | 0.308 | 0.357 |
| December 2004 | 0.258 | 0.347 | August 2007 | 0.314 | 0.376 |
| January 2005 | 0.245 | 0.337 | September 2007 | 0.321 | 0.37 |
| February 2005 | 0.249 | 0.362 | October 2007 | 0.327 | 0.363 |
| March 2005 | 0.254 | 0.357 | November 2007 | 0.313 | 0.367 |
| April 2005 | 0.257 | 0.293 | December 2007 | 0.316 | 0.343 |
| May 2005 | 0.253 | 0.301 | January 2008 | 0.302 | 0.342 |
| June 2005 | 0.255 | 0.309 | February 2008 | 0.311 | 0.33 |
| July 2005 | 0.254 | 0.313 | March 2008 | 0.313 | 0.337 |
| August 2005 | 0.258 | 0.319 | April 2008 | 0.311 | 0.318 |
| September 2005 | 0.252 | 0.324 | May 2008 | 0.32 | 0.325 |

Table A5 (continued)

| Date | May2004-April2006 | | January2007-December2008 | | |
|---------------|-------------------|---------|--------------------------|--------|---------|
| | SA-LES | SA-BOTS | Month | SA-LES | SA-BOTS |
| October 2005 | 0.241 | 0.275 | June 2008 | 0.293 | 0.328 |
| November 2005 | 0.249 | 0.274 | July 2008 | 0.321 | 0.326 |
| December 2005 | 0.24 | 0.272 | August 2008 | 0.299 | 0.304 |
| January 2006 | 0.244 | 0.270 | September 2008 | 0.293 | 0.325 |
| February 2006 | 0.324 | 0.372 | October 2008 | 0.306 | 0.389 |
| March 2006 | 0.315 | 0.371 | November 2008 | 0.309 | 0.386 |
| April 2006 | 0.311 | 0.386 | December 2008 | 0.313 | 0.379 |

Note: This table presents the summary statistics on the mean absolute value of the difference in log product prices between city pairs in South Africa and Lesotho and between city-pairs in South Africa and Botswana for each month over the periods May 2004 – April 2006 and January 2007 to December 2008.

Transparency document. Supporting information

Transparency data associated with this article can be found in the online version at <https://doi.org/10.1016/j.dib.2018.05.006>.

Appendix A. Supporting information

Supplementary data associated with this article can be found in the online version at <https://doi.org/10.1016/j.dib.2018.05.006>.

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