

# README file: The More We Die, The More We Sell? A Simple Test of the Home-Market Effect

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## 1 Description of Data Files

Our data files are described in detail in Section 4 of the text and Appendix B (“Empirical Appendix”).

To construct all final datasets for this analysis, we draw on the IMS MIDAS dataset produced by the firm IMS Health, which is proprietary and cannot be posted online. A more detailed description of this dataset is included in Section 4.1 of the text. Details on data purchase are available here: <https://www.iqvia.com/solutions/commercialization/geographies/midas>.

We include three hand-coded cross-walks in the replication archive, in the folder titled /data/:

1. `gbd_nih_xwalk.dta`: This file is a hand-coded crosswalk between WHO GBD disease codes and NIH institutes or centers.
2. `atc_gbd_xwalk.dta`: This file contains the crosswalk that allows us to link WHO GBD (2012) data to the Anatomic Therapeutic Classes (ATC4). ATC4 codes are found in IMS MIDAS data. This crosswalk also appears in Appendix B.4.
3. `ctry_xwalk.dta`: This file is a hand-coded mapping between different country name formats that appear in IMS MIDAS, WHO, and World Bank datasets.

## 2 Description of Programs Used for Final Results

### Analysis

**analysis\_all.do** This do file calls 18 scripts, which are necessary to obtain all results in this paper. Note that “tab8PPML.do” and “EpsBootstrap.do” respectively take 45+ and 15+ minutes to run. The sub-files are listed below in order, with notes about the data sources they employ and the results that they generate.

1. `miscnumbers.do`: This script calculates miscellaneous numbers that are presented throughout the paper text.
2. `miscfigures.do`: This script creates Figures 4, 5, and B.1.
3. `miscvalidation.do`: This script benchmarks IMS MIDAS data against the Medical Expenditure Panel Survey (MEPS).
4. `tab1.do`: This script creates Table I.
5. `tab2.do`: This script creates Table II.
6. `tab3.do`: This script creates Table III.
7. `tab4.do`: This script creates Table IV.
8. `tab5.do`: This script creates Table V.
9. `tab6.do`: This script creates Table VI.

10. tab7.do: This script creates Table VII.
11. tab7\_FN35.do: This script creates Table VII, as well as the results in Footnote 35.
12. 2004\_robustness\_FN29.do: This script replicates the robustness check that uses 2004 data instead of 2012, as referenced in Footnote 29.
13. tab8.do: This script creates results for columns 3 and 4 of Table VIII.
14. tab8ppml.do: This script creates results for column 2 of Table VIII.
15. tab9.do: This script creates Table IX.
16. tab9\_FN41.do: This script creates results reported in Footnote 41.
17. tab10.do: This script creates Table X.
18. EpsBootstrap.do: This script generates the epsilon (elasticity) estimates with bootstrapping for the confidence intervals reported in Section VI of the text.
19. tabB1.do: This script creates Table B.1.