

README – Replication Package

Paper: *Food Sourcing and Diets: Evidence from 45 Low- and Middle-Income Countries*

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This replication package allows users to reproduce all figures and tables in the main article, Extended Data, and Supplementary Information. It includes:

- Processed and summary data required for replication (no restricted raw microdata).
- Stata do-files for data preparation and analysis.
- Output folders for graphs and tables.

Running the master script (0_setup.do) with the correct path settings will recreate the full set of empirical results.

1. Folder structure

/do

Stata code.

- **0_setup.do**

Master file. Defines paths, loads/installs required user-written commands, and calls all subsequent do-files in the correct order.

- **/1_dataprep**

Data preparation scripts: Prepares, aggregates, and weights household data and stores it in “./data/graphs and tables/”.

- **/2_output**

Replication scripts for displays:

- Each do-file reproduces one or more figures and/or tables from the article, Extended Data, or SI.
- Scripts only use processed data from data/graphs and tables (and shapefiles from data/aux data for maps).
- Outputs are written to /graphs and /tables.

/data

Data needed to run the replication code.

- **/aux data**
 - Shapefiles used for mapping.
- **/graphs and tables**
 - Processed/summary datasets used directly by the /2_output scripts.

Note: Primary household microdata subject to license or access restrictions are **not** included. Data sources and access instructions are documented in the Supplementary Information of the article.

/graphs

Destination folder for figure outputs generated by /do/2_output.

/tables

Destination folder for table outputs generated by /do/2_output.

2. Software requirements

- Stata (version Stata 17 or higher).
- User-written Stata packages as installed or called in 0_setup.do

All required commands are publicly available; no additional proprietary tools beyond Stata are needed to run the code. Any spreadsheet or text editor can be used to inspect exported outputs.

3. How to run

1. Unzip the replication package, preserving the folder structure.
2. Open do/0_setup.do in Stata.
3. Set the root directory at the top of the file.
4. Ensure the subfolders data, do, graphs, and tables sit directly under \$root.
5. In Stata, run: do "do/0_setup.do"
6. The master script will:
 - Execute all scripts in 2_output to regenerate the figures and tables.
 - Save outputs automatically into /graphs and /tables.

4. Notes on reproducibility

- All estimates are constructed using the survey-weighting and methods described in the paper.
- Users needing access to the underlying microdata should request data directly from the original providers.