

# **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.

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## **1. Folder structure**

### **/do**

Stata code.

- **0\_setup.do**

Master file. Defines paths, loads/installers 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.

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## /graphs

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

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## /tables

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

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## 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.

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## 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.

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#### **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.