



Reproducible Research Repository

LSMS-ISA harmonised panel v.1.1

First Submission: RR_SSA_2024_242

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This review verifies the reproducibility of the datasets in “*LSMS-ISA harmonised panel v.1.1*”.

Contents in this review:

1. Main findings
2. List of datasets and reproducibility status
3. Reproduction Environment

Main findings

- The code was successfully executed on a new computer after:
 1. Downloading the Input Data and placing it in the folders as indicated in the README file
 2. Updating directory paths in the MASTER.do file
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 hours to run.
- We conducted our reproducibility analysis based on the released data and code as of April 5, 2025.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available but they are not included in the reproducibility package.
 - **Code:** All code files are available at the release link.
 - **Outputs:** All outputs are generated by code included in the release.
 - **Reproducibility verification:** Reviewers verified all data access information by requesting data and conducting reproducibility verification from requested data.
 - **Dependencies environment:** The reviewers created a new environment using the latest versions of dependencies available at the moment of the review.

List of datasets and reproducibility status

- **Household_dataset** Reproduced.
- **Individual_dataset** Reproduced.
- **Plot_dataset** Reproduced with inconsistencies. Some variables in the dataset display some minor instability. More details can be found in the comparison_results.txt file included in the reproducibility package
- **Plotcrop_dataset** Reproduced.

Reproduction Environment

- The datasets were reproduced on a computer with the following specifications:
 - OS: Windows 10 Enterprise 22H2
 - Processor: Intel(R) Xeon(R) CPU E7- 4860 @ 2.27GHz 2.26 GHz (2 processors)
 - Memory available: 32 GB
 - Software version: Stata 18.0 MP