



The Impact of Mobile Money Levy on Household Welfare: Evidence from Tanzania

First Submission: RR_TZA_2025_423

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This review verifies the reproducibility of the exhibits included in the paper “*The Impact of Mobile Money Levy on Household Welfare: Evidence from Tanzania*”.

Contents in this review:

1. Main findings
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Main findings

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Changing the global path in *oo_master.do*.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by SharePoint on September 17th, 2025.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: accessible data.
 - Reviewers used data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The data is available at the data URL included in the README.
 - Reviewers verified that the limited-access data matches what was provided by the authors; results of this verification are documented in the file *comparison_report.csv*.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the accessible data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**

- **Data:** All data sources are publicly available but not all are included in the reproducibility package.
- **Code:** All code files (from cleaning to analysis) are included in the reproducibility package.
- **Outputs:** All outputs are generated by code included in the reproducibility package.
- **Dependencies environment:** The reviewers created a new environment using the latest versions of dependencies available at the moment of the review.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Table 1 Reproduced.** The exhibit was compared against *new_sum.tex*.
- **Table 2 Reproduced.** The exhibit was compared against *ae_wcov.tex*.
- **Table 3 Reproduced.** The exhibit was compared against *ae_nocov.tex*.
- **Table 4 Reproduced.** The exhibit was compared against *ae_pannocov.tex*.
- **Table 5 Reproduced.** The exhibit was compared against *ae_panwcv.tex*.
- **Table 6 Reproduced.** The exhibit was compared against *robust_cov.tex*.
- **Table 7 Reproduced.** The exhibit was compared against *trimester.tex*.
- **Table 8 Reproduced.** The exhibit was compared against *hf_wcov.tex*.
- **Table 9 Reproduced.** The exhibit was compared against *food_dd.tex*.
- **Table 10 Reproduced.** The exhibit was compared against *match.tex*.

Results in the Annex

- **Table 11 Reproduced.** The exhibit was compared against *attri.tex*.

Reproduction Environment

Paper exhibits were reproduced on a computer with the following specifications:

- OS: Windows 11 Enterprise, version 23H2
- Processor: INTEL(R) XEON(R) PLATINUM 8562Y+ 2.80 GHz (2 processors)
- Memory available: 64 GB
- Software version: Stata 18.5 MP-Parallel Edition