



Land Registration, Input Subsidies, and Agricultural Investment: Experimental Evidence from Women Farmers in Mozambique

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This review verifies the reproducibility of the exhibits included in the paper “*Land Registration, Input Subsidies, and Agricultural Investment: Experimental Evidence from Women Farmers in Mozambique*”.

Contents in this review:

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

Main findings

- **Every exhibit in the main section of the paper and 10 randomly selected exhibits in the appendix were reproduced accurately**
- The code was successfully executed on a new computer after:
 1. Updating the working directory in line 17 of the do-file "o_master", and running it.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 5 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 2 types of data: accessible (Forthcoming on World Bank Microdata Library), and restricted data (embargoed until journal publication is accepted).
 - Reviewers used forthcoming data and restricted data provided directly by the authors to conduct the reproducibility verification.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the forthcoming/accessible/limited-access/restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** Some data is temporarily embargoed by the authors (expected to be made public in the future).

- **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

- **Figure 1** Reproduced.
- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.

Results in the Annex

For the Appendix, we did not review every exhibit. Instead, we randomly selected 10 exhibits from the remaining datasets to assess the appendix. Our review was based on those 10 exhibits. Since they were chosen randomly, we are operating under the assumption that if all randomly selected exhibits are reproducible, then the rest should be as well. The seed used to generate the random selection was 565238, the Stata version used was 19, and the exhibits selected were: Table A1, Table A4, Table A5, Table A7, Table A14, Table A16, Table A17, Table A18, Table A20, Table A21

- **Figure A1** Does not apply
- **Table A1** Reproduced.
- **Table A4** Reproduced.
- **Table A5** Reproduced.
- **Table A7** Reproduced.
- **Table A14** Reproduced.
- **Table A16** Reproduced.
- **Table A17** Reproduced.
- **Table A18** Reproduced.
- **Table A20** Reproduced.
- **Table A21** Reproduced.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: INTEL(R) XEON(R) PLATINUM 8562Y+ 2.80 GHz (4 processors)
- Memory available: 32.0 GB
- Software version: Stata 19.0 MP