



Financial Inclusion and Electricity Uptake: Global Evidence and District-Level Mechanisms

First Submission: RR_WLD_2026_630

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May 22, 2026

This review verifies the reproducibility of the exhibits included in the paper “*Financial Inclusion and Electricity Uptake: Global Evidence and District-Level Mechanisms*”.

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
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Main findings

- **Every exhibit of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the working directory in line 16 of the do-file "Replication.do", 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 1 hour to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on April 13th, 2026.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 3 types of data: open, accessible and limited-access.
 - Open data is included in the public reproducibility package.
 - Reviewers used limited-access data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package.
 - *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 and limited-access can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**

- **Data:** Some data is limited-access and has not been included in the reproducibility package. For more details, refer to the README file.
- **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** Does not apply The figure does not contain analytical output.
- **Figure 2** Reproduced. The figure in the manuscript differs slightly due to formatting.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6** Reproduced.
- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** 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 287900, the Stata version used was 19.5 MP, and the exhibits selected were: Table A2, Figure A1, Figure A4, Figure A7, Table A8, Table A21, Table A23, Table A25, Table A26, Table B1

- **Table A2** Reproduced.
- **Figure A1** Reproduced.
- **Figure A4** Reproduced.
- **Figure A7** Reproduced.
- **Table A8** Reproduced.
- **Table A21** Reproduced.
- **Table A23** Reproduced.

- **Table A25** Reproduced.
- **Table A26** Reproduced.
- **Table B1** 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 (2 processors)
- Memory available: 32.0 GB
- Software version: Stata 19.5 MP