Community Health Workers As Key Providers of Easy-to-Use Contraceptive Injectables: Evidence from Rural Burundi

Second Submission: RR_BDI_2024_178
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This review verifies the reproducibility of the exhibits included in the paper " *Community Health Workers As Key Providers of Easy-to-Use Contraceptive Injectables: Evidence from Rural Burundi*."

Contents in this review:

1. Main findings

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Main findings

- The code was successfully executed on a new computer after:

  1. Changing the global path directory to the path in the reviewer's computer.

- 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 included in the reproducibility package shared via OneDrive.

- Every exhibit has been reproduced accurately.

- **Reproducibility Summary**:

  - **Data**: Some data is restricted and has not been included in the reproducibility package. For more details, please 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.

  - **Reproducibility verification**: Reviewers used data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The reviewers did not verify if publicly available data matches the data provided by the authors.

  - **Dependencies environment**: The reviewers created a new environment for dependencies using the latest versions available for each dependency 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 exhibit does not include analysis results.

- **Table 1** Reproduced.

- **Figure 2** Reproduced.

- **Table 2** Reproduced with a minor difference in the baseline mean for the column *By CHW*: 0.00 in the paper exhibit versus 0.01 in the code results.

Results in the Appendix

- **Figure A1** Reproduced.

- **Table B1** Reproduced with a minor difference in the baseline mean for the column *By CHW*: 0.00 in the paper exhibit versus 0.01 in the code results.

- **Table B2** Reproduced.

Reproduction Environment

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

- OS: Windows 11 Pro, version 23H2

- Processor: 11th Gen Intel(R) Core(TM) i5-1145G7 @ 2.60GHz 1.50 GHz

- Memory available: 15.7 GB

- Software version: Stata 18.0 MP