



Moving beyond time poverty: Measuring women's and men's time-use agency

First Submission: RR_MWI_2026_542

Eric Sabiti

reproducibility@worldbank.org

March 16, 2026

This review verifies the reproducibility of the exhibits included in the paper "*a really cool title*".

Contents in this review:

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

Main findings

- **Every exhibit of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Changing the paths in the main do file and running the script.
- 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 in their reproducibility package.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: forthcoming data.
 - Reviewers used forthcoming data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The data is forthcoming on the World Bank Microdata Library.
 - *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 data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** All data is not yet publicly available but is expected to be made available through the World Bank Microdata Library 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

- **Table 1** Results reproduced, but table or figure includes manual changes from code output. The table was reproduced by using the results in the Stata console, saved to the log file Table1.log. The values are shown sequentially for the female and then for the male. Note: Unpaid work: care work is rounded to .004, while it should be .005 (or .01 like with the other values), but since this is below the .01 threshold, we consider this does not jeopardize reproducibility.
- **Table 2a** Results reproduced, but table or figure includes manual changes from code output. The tables were reproduced by using the results in the Stata console, saved to the log file Table2.log. The values are shown sequentially for the female and then sequentially for the male.
- **Table 2b** Results reproduced, but table or figure includes manual changes from code output. The tables were reproduced by using the results in the Stata console, saved to the log file Table2.log. The values are shown sequentially for the female and then sequentially for the male.
- **Table 3** Results reproduced, but table or figure includes manual changes from code output. The results are shown in the Stata console saved to the log file Table3.log, and pasted in an Excel file to create the figure shown in the paper. Note: Variables "community" and "schooling" are included in the Stata console but not in the manuscript; this does not affect reproducibility.
- **Table 4** Results reproduced, but table or figure includes manual changes from code output. The tables were reproduced by using the results in the Stata console, saved to the log file Table4.log. The values are shown sequentially for the female and then sequentially for the male.
- **Table 5a** Results reproduced, but table or figure includes manual changes from code output. Table 5a in the manuscript was reviewed against Table 5A_cfw, Table 5A_look, and Table 5A_want; the values were manually copied. In addition, the values for "Mean of outcome" can be verified in Table 5A.log.
- **Table 5b** Results reproduced, but table or figure includes manual changes from code output. Table 5b in the manuscript was reviewed against Table 5B_leis and Table 5B_sleep. The values were manually copied. In addition, the values for "Mean of outcome" can be verified in Table 5B.log.
- **Figure 1** Results reproduced, but table or figure includes manual changes from code output. The results are shown in the Stata console, saved to the log file "Figure 1", and pasted in an Excel file "Figure 1" to create the figure shown in the paper.
- **Figure 2** Results reproduced, but table or figure includes manual changes from code output. The results are shown in the Stata console saved to the log file "Figure 2" and pasted in an Excel file "Figure 2" to create the figure shown in the paper.

- **Table 6** Results reproduced, but table or figure includes manual changes from code output. The values were verified using the Table 6 log file by comparing the first two coefficients and their corresponding p-values, as well as the R-squared and the number of observations, and manually matching them with the values reported in the manuscript.

Results in the Annex

- **Table A1** Results reproduced, but table or figure includes manual changes from code output. Reviewed against TableA1.log. The values were manually copied.
- **Figure A1** Did not reproduce.
- **Figure A2** Reproduced. Verified against Appendix_Figure_A2_1 and Appendix_Figure_A2_2.
- **Figure A3** Reproduced. Verified against Appendix_Figure_A3_1, Appendix_Figure_A3_2 and Appendix_Figure_A3_3.
- **Table A1** Did not reproduce.
- **Table A3** Did not reproduce. Table A2 is not in the manuscript.
- **Table A4** Results reproduced, but table or figure includes manual changes from code output. Reviewed against TableA4.log. The values were manually copied.
- **Figure A4** Reproduced. Verified against Appendix_Figure_A4_1, Appendix_Figure_A4_2, Appendix_Figure_A4_3 and Appendix_Figure_A4_4.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Core(TM) Ultra 5 125U 1.30 GHz
- Memory available: 15.5 GB
- Software version: Stata 19.0 MP