



Raising Children Alone in Latin America and the Caribbean: Strong Mothers and Weak Social Assistance

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This review verifies the reproducibility of the exhibits included in the paper “*Raising Children Alone in Latin America and the Caribbean: Strong Mothers and Weak Social Assistance*”.

Contents in this review:

1. Main findings
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Main findings

- **Every exhibit in the main section and the annex of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Changing the main directory.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 1.5 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on February 12th.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 2 types of data: limited-access (available to World Bank Group employees), and restricted data (available only from the authors).
 - Reviewers used limited-access and restricted 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 limited-access/restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** All 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.
- **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** Results reproduced, but table or figure includes manual changes from code output.
- **Figure 2** Results reproduced, but table or figure includes manual changes from code output.
- **Figure 3** Results reproduced, but table or figure includes manual changes from code output.
- **Figure 4a** Reproduced.
- **Figure 4b** Reproduced.
- **Table 1 Panel A** Reproduced.
- **Table 1 Panel B** Reproduced.
- **Table 1 Panel C** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.

Results in the Annex

- **Table A1** Reproduced.
- **Table A2** Reproduced.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Core(TM) Ultra 7 165U @ 2.60GHz
- Memory available: 18 GB
- Software version: Stata 19.5 MP