



## *Unraveling the Factors behind Women's Empowerment in the Labor Market in Colombia*

*Third Submission: RR\_COL\_2023\_65\_v03*

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This review verifies the reproducibility of the exhibits included in the paper "*Unraveling the Factors behind Women's Empowerment in the Labor Market in Colombia*".

### **Contents in this review:**

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

### *Main findings*

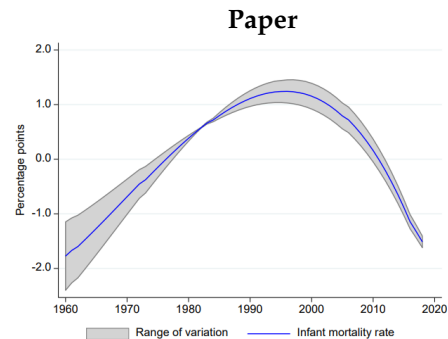
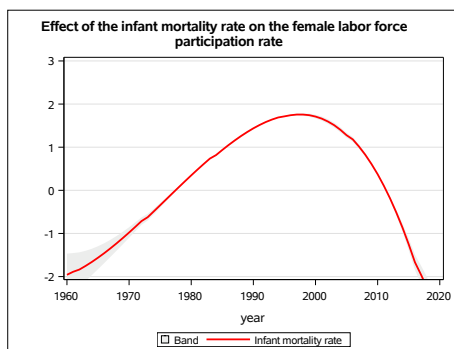
- Paper exhibits were attempted to be reproduced in a computer with the following specifications:
  - OS: Windows 11 Enterprise
  - Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz
  - Memory available: 15.7 GB
  - Software version: SAS Studio (SAS OnDemand for Academics)
- The code was successfully executed on a new computer after:
  1. Changing the file path.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results
- The code takes approximately 3 minute to run.
- All the figures were verified on the verifier's machine except for Figure 9. For this figure, the verifier conducted a virtual verification on the author's machine.
- **Reproducibility Summary:**
  - **Data:** All data sources are publicly available and included in the package.
  - **Code:** All code files (from cleaning to analysis) are included in the package.
  - **Outputs:** All outputs are generated by code included in the reproducibility package.
  - **Reproducibility verification:** Reviewers had access to the same materials in the public package.

## List of exhibits and reproducibility status

### Results in the Main Section of the Paper

- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6** Reproduced.
- **Figure 7** Reproduced.
- **Figure 8** Reproduced.
- **Figure 9** Reproduced. Although there were some discrepancies in the output figures as below, figure 9 could be verified virtually on the author's local machine.

### Generated by code on verifier's machine



- **Figure 10** Reproduced.
- **Figure 11** Reproduced.
- **Figure 12** Reproduced.
- **Figure 13** Reproduced.
- **Figure 14** Reproduced.
- **Figure 15** Reproduced.
- **Figure 16** Reproduced.

### Results in the Annex

- **Table A1.1** Not Applicable.

- **Table A1.2** Reproduced.
- **Figure 2.1** Reproduced.
- **Table A3.1** Reproduced.