Reproducible Research Repository

Do Psychosocial Stimulation, Parental Distress and Early Childhood Education Enrollment Show Different Associations with Early Childhood Development Outcomes for Boys and Girls? Findings from a Phone Survey in Pakistan

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This review verifies the reproducibility of the exhibits included in the paper *"Do Psychosocial Stimulation, Parental Distress and Early Childhood Education Enrollment Show Different Associations with Early Childhood Development Outcomes for Boys and Girls? Findings from a Phone Survey in Pakistan"*.

Contents in this review:

1. Main findings

2. List of exhibits and reproducibility status

3. Reproduction Environment

Main findings

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

    1. Adjusting the file paths
    2. Installing "mimrgns"
    3. Setting the ado folder.
    4. Running the line: sysdir set PLUS "path"

- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.

- The code takes approximately 20 minutes to run.

- We conducted our reproducibility analysis based on the paper shared in the reproducibility package.

- Every exhibit has been reproduced accurately.

- **Reproducibility Summary**:

    - **Data**: All data sources are publicly available but not included in the reproducibility package.
    - **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 had access to the same materials in the public reproducibility package.
    - **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

- **Table 1** Reproduced. The output has been copy-pasted from the Stata result window. Significance stars are missing from the code output

- **Table 2** Reproduced. The output has been copy-pasted from the Stata results window. Significance stars are missing from the code output

- **Figure 1a** Reproduced

- **Figure 1b** Reproduced

- **Figure 2a** Reproduced

- **Figure 2b** Reproduced

- **Figure 3** Reproduced

  Results in the Annex

- **Table 1** Reproduced. The output has been copy-pasted from the Stata results window. Significance stars are missing from the code output

- **Table 2** Reproduced. The output has been copy-pasted from the Stata results window. Significance stars are missing from the code output

Reproduction Environment

- Paper exhibits were 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: Stata version 17