



Maternal Mental Health and its Influence on Children's Early Development: Evidence from Khyber Pakhtunkhwa, Pakistan

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This review verifies the reproducibility of the exhibits included in the paper " *Maternal Mental Health and its Influence on Children's Early Development: Evidence from Khyber Pakhtunkhwa, Pakistan*".

Contents in this review:

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Main findings

- The code was successfully executed on a new computer after:
 1. Updating directory in main.do.
- 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 the package.
- All the exhibits reproduced.
- **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 reproducibility package does not use external dependencies.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Table 1** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 2** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 3** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 4** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 5** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 6** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 7** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 8** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 9** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 10** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Table 11** Reproduced. The output was not exported through code, and was instead verified directly in the results window.
- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6** All the values reproduced. The values shown in the figure were cross-checked with the code output directly in the results window.
- **Figure 7** Reproduced.
- **Figure 8** Reproduced.

Reproduction Environment

- Paper exhibits were reproduced in a computer with the following specifications:
 - OS: Windows 10 Enterprise
 - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz 2.90 GHz (2 processors)
 - Memory available: 32 GB
 - Software version: Stata version 18 MP