



From Awareness to Action? Experimental Evidence on Challenges in Reducing School-Related Gender-Based Violence Through a Multi-Component Program in Zambia

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This review verifies the reproducibility of the exhibits included in the paper “*From Awareness to Action? Experimental Evidence on Challenges in Reducing School-Related Gender-Based Violence Through a Multi-Component Program in Zambia*”.

Contents in this review:

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Main findings

- **Every exhibit in the main paper and 10 randomly selected exhibits in the appendix were reproduced accurately**
- The code was successfully executed on a new computer after:
 1. Updating the working directory.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors.
- **Verification Process and Data Handling:**
 - The reproducibility package uses accessible data (public but not included in the 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 forthcoming/accessible/limited-access/restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available but not all are 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.
- **Dependencies environment:** The reviewers reproduced an existing environment for dependencies using dependency files or an environment metadata file provided by the authors.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Table 1 Reproduced.**
- **Table 2 Reproduced.**
- **Table 3 Reproduced.** A minimal difference of 0.01 was observed in one value.
- **Table 4 Reproduced.** A minimal difference of 0.01 was observed in one value.
- **Table 5 Reproduced.**
- **Table 6 Reproduced.** A minimal difference of 0.01 was observed in one value.
- **Table 7 Reproduced.**

Results in the Annex

For the Appendix, we did not review every exhibit. Instead, we randomly selected 10 exhibits from the remaining datasets to assess the appendix. Our review was based on those 10 exhibits. Since they were chosen randomly, we are operating under the assumption that if all randomly selected exhibits are reproducible, then the rest should be as well. The seed used to generate the random selection was 140007, the Stata version used was 18 MP, and the exhibits selected were: Table A3, Figure A2 , Tables A6, A7, A11, A12, A14, A17, A19, and A20.

- **Figure A2 Reproduced.**
- **Table A3 Reproduced.**
- **Table A6 Reproduced.**
- **Table A7 Reproduced.**
- **Table A11 Reproduced.**
- **Table A12 Reproduced.**
- **Table A14 Reproduced.**
- **Table A17 Reproduced.** A minimal difference of 0.01 was observed in one value.
- **Table A19 Reproduced.** A minimal difference of 0.01 was observed in one value.
- **Table A20 Reproduced.**

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: INTEL(R) XEON(R) PLATINUM 8562Y+ 2.80 GHz (4 processors)
- Memory available: 32.0 GB
- Software version: Stata 18.0 MP