



Safe Spaces to Digital Spaces: Short-term Impacts of Life Skills and Digital Literacy Training for Adolescent Girls in Nigeria

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Anna Fiore

reproducibility@worldbank.org

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This review verifies the reproducibility of the exhibits included in the paper "*Safe Spaces to Digital Spaces: Short-term Impacts of Life Skills and Digital Literacy Training for Adolescent Girls in Nigeria*".

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
3. Reproduction Environment

Main findings

- **Every exhibit in the main section of the 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 in line 30 of the do-file file "master.do"
- 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 by the authors.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on two types of data: accessible (Available on World Bank Microdata Library), and restricted data (embargoed until journal publication is accepted).
 - Reviewers used restricted data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The survey data is available on the Microdata Library. The treatment assignment data is temporarily embargoed and will be made available upon paper publication.
 - *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:** Some data is embargoed but is expected to be made available through the World Bank Micro-data Library in the future.
- **Code:** All code files (from cleaning to analysis) are included in the reproducibility package.
- **Outputs:** Some outputs are generated by code that is not 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

- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.
- **Table 7** Reproduced.
- **Table 8** Reproduced.
- **Table 9** Reproduced.
- **Table 10** Reproduced.
- **Table 11** 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 202344, the Stata version used was 19.5 MP, and the exhibits selected were: Table A4, Figure A3, Figure A4, Table A7, Table B1, Table B3, Table B4, Table B5, Table B7, and Table B9.

- **Table A4** Reproduced.
- **Figure A3** Reproduced.
- **Figure A4** Reproduced.
- **Table A7** Reproduced.

- **Table B1** Reproduced.
- **Table B3** Reproduced.
- **Table B4** Reproduced.
- **Table B5** Reproduced.
- **Table B7** Reproduced.
- **Table B9** Reproduced.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: INTEL(R) XEON(R) GOLD 6226R CPU @ 2.90GHz (2 processors)
- Memory available: 16 GB
- Software version: Stata 19.5 MP