

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

Overview

The code in this replication package constructs all tables and figures (except 3 tables and 2 figures) from the working paper using Stata. The package consists of six Stata do-files. All figures and tables but five can be constructed using the code from the primary Stata do-file. Two raw datasets are included in the package, one for the baseline survey and one for the midline survey. The "baseline" and "midline" do files will generate variables needed for analysis, and three new datasets with these variables. The replicator should expect the code to run for 30 minutes or less.

Data Availability Statement

Data cannot be made publicly available. For verification, the package includes data with treatment status, however the Microdata Library includes these data without the treatment status. The midline dataset can be found at <https://microdata.worldbank.org/catalog/8354>; and the baseline dataset can be found at: <https://microdata.worldbank.org/catalog/6239>. These data are identical to those in the package provided to the verification team except for the fact that the baseline dataset in the package includes a treatment status variable.

To merge baseline data from the Microdata Library to one dataset use the following steps:

1. Import the adolescent dataset: use "user" \Adolescent Survey_anon.dta", clear
2. Merge the school dataset: merge m:1 school_id using "user" \School Survey_anon.dta", force nogen keep(master match)
3. Merge the caregiver dataset: merge 1:1 adolescent_id using "user" \Caregiver Survey_anon.dta", force nogen keep(master match)

To merge midline data from the Microdata Library to one dataset use the following steps:

1. Import the adolescent dataset: use "user" \midline_ado_anon_clean.dta", clear
2. Merge the school dataset: merge m:1 sch_code using "user" \midline_school_clean_anon.dta", force nogen keep(master match)

Statement about Rights

I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.

Instructions for Replicators

- Download the two datasets in the replication package and place in the 'Data' folder
- Edit the file path in line 30 in the master.do file to reflect the folder that will be used for replication.
- Install required packages as necessary.
- Run only master.do to generate all tables and results.
- NOTE: 3 tables and two Figure in the online appendix are constructed by hand, and are therefore not included in this package.

Software Requirements

This replication package requires Stata (code was last run with version 14). The Stata do-file will require the following packages to be installed (which the master do file should take care of): winsor; mat2txt; lassopack; pdslaso; ivreg2; ranktest; mtefe; st0085_2; sg97_5; st0043_2

Memory and Storage Requirements

30 minutes

Code Description

Description of code:

This package consists of six Stata do-files. All figures and data in the paper can be generated using only the master.do file. The files and their purposes are as follows:

- Code in master.do, specified directories, installs packages, and generates all figures and tables in the paper. It references baseline.do, midline.do, analysis.do, appendixa.do, and appendixb.do and is the only Stata file that needs to run for the replication.
- Code in baseline.do and midline.do generates the variables and datasets used for analysis from the two raw data files described above. It is called in master.do and does not need to be run separately.
- Code in analysis.do generates 11 tables in the paper. It is called in master.do and does not need to be run separately.
- Code in appendixa.do generates two figures and 5 tables in the online appendix A of the paper. It is called in master.do and does not need to be run separately.
- Code in appendixb.do generates 9 tables in the online appendix B of the paper. It is called in master.do and does not need to be run separately.

List of Exhibits

Figure/Table #	Program	Line Number	Output file	Notes
Table 1	analysis.do	277	Table_1_balance_mat.tex	Balance check table
Table 2	analysis.do	377	Table_2_takeup.tex	Take-up (4 panels combined)
Table 3	analysis.do	518	Table_3_primary.tex	Impacts on primary outcomes (4 panels combined)
Table 4	analysis.do	721	Table_4_Knowledge.tex	Impacts on knowledge (4 panels combined)
Table 5	analysis.do	929	Table_5_SES.tex	Impacts on SES (4 panels combined)
Table 6	analysis.do	1139	Table_6_Digital.tex	Impacts on digital skills (4 panels combined)
Table 7	analysis.do	1345	Table_7_Agency.tex	Impacts on agency (4 panels combined)
Table 8	analysis.do	1552	Table_8_Health.tex	Impacts on health (4 panels combined)
Table 9	analysis.do	1760	Table_9_GBV.tex	Impacts on GBV (4 panels combined)
Table 10	analysis.do	1970	Table_10_support.tex	Impacts on social support (4 panels combined)
Table 11	analysis.do	2181	Table_11_Education.tex	Impacts on education (4 panels combined)
Figure A1	appendixa.do	269	Figure_A1_nigeria_combined_map.png	Generated using PII (dataset not available)
Table A1	appendixa.do	273	Table_A1_intervention.pdf	Manually generated on Microsoft Word
Figure A2	appendixa.do	277	Figure_A2_consort.pdf	Manually generated on Microsoft Word
Table A2	appendixa.do	281	Table_A2_outcomes.pdf	Manually generated on Microsoft Word
Table A3	appendixa.do	285	Table_A2_power.pdf	Manually generated on Microsoft Word
Table A4	appendixa.do	289	Table_a4_primary_cont.tex	Impacts on primary outcomes with varying controls (3 panels combined)
Table A5	appendixa.do	417	Table_a5_time.tex	Impacts on time (4 panels combined)
Table A6	appendixa.do	623	Table_A6_Impacts_spill.tex	MTE analysis (ITT, 2SLS, ATE, ATT, ATU)
Figure A3	appendixa.do	623	mte_panel_1.pdf	MTE graph for Knowledge Index

				(generated within Table A6 section)
Figure A4	appendixa.do	623	mte_panel_2.pdf	MTE graph for SES Index (generated within Table A6 section)
Table A7	appendixa.do	778	Table_a7_selection.tex	Club selection (kitchen sink + LASSO)
Table A8	appendixa.do	845	Table_a8_Impacts_primary_hetero.tex	Heterogeneity analysis (9 panels combined)
Table B1	appendixb.do	278	Table_b1_knowledge_pool.tex	Impacts on knowledge by state + pooled treatment (4 panels combined)
Table B2	appendixb.do	480	Table_b2_SES_pool.tex	Impacts on SES by state + pooled treatment (4 panels combined)
Table B3	appendixb.do	686	Table_b3_Digital_pool.tex	Impacts on digital skills by state + pooled treatment (4 panels combined)
Table B4	appendixb.do	889	Table_b4_Agency_pool.tex	Impacts on agency by state + pooled treatment (4 panels combined)
Table B5	appendixb.do	1090	Table_b5_Health_pool.tex	Impacts on health by state + pooled treatment (4 panels combined)
Table B6	appendixb.do	1291	Table_b6_GBV_pool.tex	Impacts on GBV by state + pooled treatment (4 panels combined)
Table B7	appendixb.do	1494	Table_b7_support_pool.tex	Impacts on social support by state + pooled treatment (4 panels combined)
Table B8	appendixb.do	1694	Table_b8_Education_pool.tex	Impacts on education by state + pooled treatment (4 panels combined)
Table B9	appendixb.do	1895	Table_b9_time_pool.tex	Impacts on time by state + pooled treatment (4 panels combined)

Folder Structure

'Data' includes the two raw datasets and will include the generated datasets; Do files includes all the do files; Tables and Figures includes all the generated Tables and Figures and 3 figures and 2 tables that were manually generated.