Readme file to **"Sex, Power, and Adolescence: Intimate Partner Violence and Sexual Behaviors"**

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Overview

The replication materials consist of this README and data files and do files needed for replication. After download, we suggest organizing the files into three folders within the same folder directory for the code to execute:

1. "data": contains datasets
2. "do": contains the STATA code needed to reproduce the exhibits from the paper
3. "output": stores the results produced by the replication

Software:

The replication requires the use of STATA. This code was run with STATA/SE 18.5 using a Mac.

General Description:

Data Files

There are four data files needed to generate the main results of the paper. The data in these files were collected by the researchers in 2016 and 2018 in partnership with BRAC Maendeleo. Tanzania All files are in STATA (.dta) format.

1. **girls-replication-data.dta:** Girls' replication data used in replicating most tables/figures
2. **girls_partners_replication_data.dta**: Girls' replication data with information about past partnerships used for Table 4
3. **boys_replication_data.dta:** Boys' replication data for replicating Tables 2, A1, and A7
4. **dataforfigureA2.dta:** Data used for Figure A2

In addition, Table A5 uses data from the Tanzania 2015-2016 Demographic and Health Surveys data that can be obtained from https://dhsprogram.com/methodology/survey/survey-display-485.cfm. We use the women's individual file (TZIR7AFL.dta).

Code Files

There are four .do files needed to generate the paper exhibits:

1. **0_run_all.do:** Once the user has organized the folders into a directory as described above, set the directory path in this do file. This do fille will execute the do files that generate the main exhibits (2a_main_paper_exhibits.do) and appendix exhibits (2b_appendix_exhibits.do) in one click.
2. **1_set_directory.do:** will allow the user to set the directory only and then subsequently run the main exhibits (2a_main_paper_exhibits.do) and appendix exhibits (2b_appendix_exhibits.do) separately.
3. **2a_main_paper_exhibits.do:** generates the exhibits from the main paper
4. **2b_appendix_exhibits.do:** generates the exhibits from the appendix.

Instructions:

The replicator should

1. In run_all.do, enter the local path of this folder and run the file.

The tables will be generated as .tex files and the figure will be generated in a PDF. All files will be saved in the output folder.

2. To run only main_paper_exhibits.do or only appendix_exhibits.do individually, you can set the computer directory in set_directory.do to initialize the directory, and then execute parts or the whole of the code in main_paper_exhibits.do or appendix_exhibits.do

Variable descriptions

Column 1 gives the variable name in the datasets, column 2 gives the variable description, in columns 3-5, an x indicates the variables is present in the corresponding dataset.

Variables	Description	girls-replication-data	girls-partners-replication-data	boys-replication-data	dataforfigureA2
control_group	Assigned to control (ELA only)	x		x	
treat_boys	Assigned to Boys	x	x	x	
treat_goal	Assigned to Goal	x	x	x	
treat_supply	Assigned to Supply	x	x	x	
treat_boys_goal	Boys x Goal	x	x	x	
treat_supply_goal	Supply x Goal	x	x	x	
ipv_12mo	Experienced physical, sexual, or psychological IPV in past year	x	x		
ipv_often	Experienced physical, sexual, or psychological IPV often in past year	x	x		
endline	=1 if data is from endline	x	x	x	

Variables	Description	girls-replication-data	girls-partners-replication-data	boys-replication-data	dataforfigureA2
panel_bal	=1 if participant was observed once at baseline =2 if participant was observed at both endline and baseline	x	x	x	
Branch	Branch region of Tanzania	x			
clubs	Categorical variable for ELA clubs	x	x		
region	Categorical variable for region in Tanzania	x	x	x	
treat	1=control, 2=Supply, 3=Boys	x	x	x	x
age_bl	Age at baseline	x	x		
grs_anyboy_enr	Partner enrolled in soccer	x			
had_sex_bl	Had sex at baseline	x			
momtalk_sex_never_bl	Never talked to mom about sex at baseline	x	x		
phq2_ih_bl	Depressive episode risk marker from PHQ-2 at baseline	x			
self_eff_std_bl	Self efficacy z-score at baseline	x			
electricity	Household has electricity	x		x	
Enrolled_bl	Enrolled in school at baseline	x		x	
hhm_number_bl	Number of household members at baseline	x	x	x	
has_partner_bl	Has partner at baseline	x			
married_coh	Married or cohabiting with partner	x	x	x	
partner_past2yr_bl	Had a partner in the past two years at baseline	x			
own_house_bl	Household owned house at baseline	x	x	x	

Variables	Description	girls-replication-data	girls-partners-replication-data	boys-replication-data	dataforfigureA2
nameboysex_bl	Named a boy who was a sexual partner	x			
hghst_grade_bl	Highest grade at baseline	x	x	x	
own_house	Owns house	x	x	x	
total_partners_bl	Total partners at baseline	x			
attrit	Attrited	x			
prtnr_index	Sexual activity index	x			
useimp1	Uses implant contraceptives	x			
ipv_often_bl	IPV often at baseline	x			
ipv_12mo_bl	IPV in past year at baseline	x			
abstain1	No Sex	x			
no_partner	No Sex Partners	x			
usecondom1	Used condom with last partner	x			
goalabst	Goal is to abstain	x			
goalcond	Goal is to use condom	x			
goaloth	Other Goal	x			
strategy_num	Number of strategies chosen in goal activity	x			
useinj1	Uses injectable contraceptives	x			
useiud1	Uses IUD	x			
achieve_strat	Number of strategies achieved in goal activity	x			
disc_factor_bl	Discount factor at baseline	x			

Variables	Description	girls-replication-data	girls-partners-replication-data	boys-replication-data	dataforfigureA2
risk_tol_ef_bl	High risk tolerance at baseline				
viol_indexbg	Violence attitudes index			x	
knowlindex	Risk perceptions index			x	
partner_indexbg	Sexual activity index			x	
viol_indexbg_bl	Violence attitudes index at baseline			x	
knowlindex_bl	Knowledge index at baseline			x	
partner_indexbg_bl	Sexual activity index at baseline			x	
age	Age		x	x	
hghst_grade	Highest grade attended		x	x	
dadtalk_sex_never	Never talks to dad about sex			x	
dadtalk_sex_never_bl	Never talks to dad about sex at baseline			x	
grs_contact	Contacted by soccer			x	
grs_enroll	Boy enrolled in soccer			x	
old	With same partner as baseline		x		
p_listed	Listed Partner		x		
gs_abstinence_st	=1 if set strategy to remain abstinent				x
gs_faithfulness_st	=1 if set strategy to remain faithful to one partner				x
gs_testing_st	=1 if set strategy to seek HIV/STI testing				x
gs_condom_use_st	=1 if set strategy to use a condom				x

Variables	Description	girls-replication-data	girls-partners-replication-data	boys-replication-data	dataforfigureA2
gs_sexual_background_st	=1 if set strategy to discuss sexual history with partners				x
gs_checkup_health_educ_st	=1 if set strategy to get regular health checks				x
gs_practice_safe_sex_st	=1 if set strategy to practice safe sex				x
gs_no_alcohol_drug_st	=1 if set strategy to abstain from alcohol/drugs				x
gs_no_sharing_sharp_st	=1 if set strategy of not sharing sharp objects				x
gs_no_porn_st	=1 if set strategy to abstain from watching portn				x
gs_no_bad_peer_st	=1 if set strategy to avoid bad peers				x
gs_blood_transfusion_st	=1 if set strategy to avoid blood transfusions				x
gs_good_ethics_behavior_st	=1 if set strategy to engage in good/ethical behavior				x
gs_school_st	=1 if set strategy to focus on school/studying				x
gs_partner_health_educ_st	=1 if set strategy to educate partner on health behaviors				x
gs_reduce_nbpartner_st	=1 if set strategy to have fewer sexual partners				x
gs_others_st	=1 if set other strategy				x