README.txt

This folder contains the main, build, analysis, and figure creation code. It also contains the raw data and shell folders for figures and tables shown in the paper. The main analysis was run with Stata17. The randomization and two figures in the paper were create with R version 3.6.2.

To produce all the figures and tables in the paper:

i) open the Master.do file in Stata and change the working directory to the location of the base folder
ii) run the Master.do file
iii) run the summary_figures.R script in R version 3.6.2

The analysis uses data which is all publicly available and collected by the authors via field surveys

------------ Code ------------

-- Main folder --

The do files in the main folder are:

Master.do - runs both the data build and analysis file - products all tables and figures in the table (except two produced by the R file below).

Main.do - runs all data build files for baseline, endline, weekly, and six week follow-ups. This file calls state code in the sub-folder "code" for each of the main data sets.

Main_analysis_nostars.do - produces main and appendix tables / figures for paper

fdr_sharpened_qvalues.do - this is code to run q-value calculation, taken from Anderson (2008). Used in the Main_analysis_nostar file

R files:

summary_figures.R -- runs independently and produces 2 graphs (no additional analysis)

-- Sub-folder --

The code stored in the sub-folder "code" is organized by data source:

0.Randomization: this contains three randomization files:

- pre_fill_200_BLOCK_treatment_assignment.R - randomly pre-assigns households to the main cash, work, or control groups at baseline
- pre_fill_200_CERTIFICATE_randomization.R - randomly pre-assigns households to receive the participation certificate (at week 4 of the experiment)
-pre_fill_200_ENDLINE_randomization.R - randomly pre-assigns households to BDM price draws used at endline

1.Baseline Survey: contains all cleaning and build code for the baseline survey in two sub-folders:
- 1.cleaning - contains seven cleaning do files that cleans raw baseline data
- 2.build - contains one do file that builds main outcome variables

2.Collection: contains all cleaning and build code for the weekly collection survey in two sub-folders:
- 1.cleaning - contains three cleaning do files that cleans raw weekly data
- 2.build - contains one do file that builds main outcome variables and merges in baseline data

3.Endline: contains all cleaning and build code for the endline survey in two sub-folders:
- 1.cleaning - contains six cleaning do files that cleans raw endline data
- 2.build - contains one do file that builds main outcome variables and merges in baseline data

5.Six_Week_Followup: contains all cleaning and build code for the six week follow-up survey in two sub-folders:
- 1.cleaning - contains two cleaning do files that cleans raw six week follow-up data
- 2.build - contains one do file that builds main outcome variables and merges in baseline data

--------- Data ---------

The raw data is stored in the "data" sub-folder and is organized as follows:

0.Randomization: contains the randomization treatment assignment lists (.csv format) for the main treatment and certification treatments:
- pre_200_BLOCK_randomization_list.csv: the main treatment (work, cash, control) randomization assignment
- pre_fill_200_CERTIFICATE_randomization.csv: the certification treatment assignment

1.Baseline: contains the raw baseline data (.csv format) and shell folders for placement of clean and processed .dta files

2.Collection: contains the raw weekly collection data (.csv format) and shell

folders for placement of clean and processed .dta files

3.Endline: contains the raw endline data (.csv format) and shell folders for placement of clean and processed .dta files

5.Six_Week_Followup: contains the raw six week follow-up data (.csv format) and shell folders for placement of clean and processed .dta files

6.Non_Exp_Data: contains non-experimental data on home village gps locations in Myanmar (.dta format)

------- Figures and Tables Folders ---------

"Figures" and "table" folders are shell folders that will populate with figures and tables produced by Main_analysis_nostars.do and summary_figures.R

------ References -----

Anderson, Michael L. 2008. "Multiple Inference and Gender Differences in the Effects of Early Intervention: A Reevaluation of the Abecedarian, Perry Preschool, and Early Training Projects." Journal of the American Statistical Association 103 (484):1481–1495.