

Replication instructions

This document contains the instructions for replicating:

Tougher et al. "Effect of a multifaceted social franchising model on quality and coverage of maternal, newborn, and reproductive health-care services in Uttar Pradesh, India: a quasi-experimental study." *The Lancet Global Health*. (2018) <https://www.sciencedirect.com/science/article/pii/S2214109X17304540>

Files required

Data Sets (obtained by contacting the study authors)

- Contact study authors to obtain the following data sets:
 - Hhsurveydatacompiled (First round of survey data)
 - hh survey data_endline (Second round of survey data)
 - cluster_sky (data set from provider survey indicating actual presence of sky provider, provider-reported dates for intervention activities)
 - SkyTrainDates (data set from implementing partner on dates of activities)

Do Files (available for download from the LSHTM data compass)

1. The following files are required (these files are in the folder `Matrika_Rep\build\code`)
 - 00_master_clean
 - 01_master_data
 - 02_master_data_end
2. To produce the publication tables (these files are in the folder `Matrika_Rep\analysis\code`)
 - 00_master_analysis
 - 01_macros
 - 02_data_management
 - 03_table1&S1
 - 04_tables2_4
 - 05_fwer_adjust
 - 06_Figure3
 - 07_tablesS3_S5
 - 08_fwer_adjust
 - 09_leads_and_lags
 - 10_FiguresS4&S5

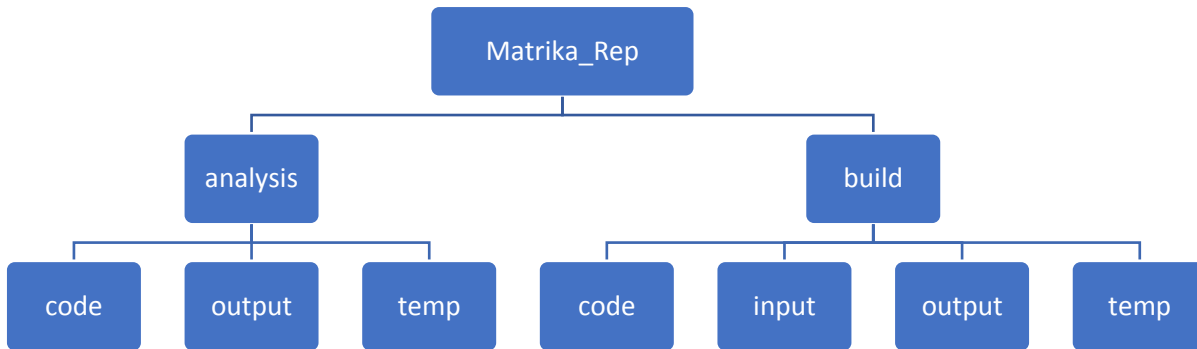
Folder structure:

The files listed above will be contained in a folder called `Matrika_Rep`. The `Matrika_Rep` folder has the directory structure pictured in Figure 1 below. The following is a brief description of the contents of each subfolder after running the analysis file:

- `Matrika_Rep/build` contains all files required to create cleaned versions of each survey round's data sets
 - `Matrika_Rep/analysis/code` contains all do files to clean the original survey data
 - `Matrika_Rep/analysis/input` contains original survey data sets, and required project data from the implementing partner
 - `Matrika_Rep/analysis/output` contains cleaned versions of each survey round data set with the main outcomes and covariates (this folder will initially be empty prior to running the do files)
 - `Matrika_Rep/analysis/temp` contains 'intermediate' data sets created from input data sets, that were required to create the 'final' data sets in the (this folder will initially be empty prior to running the do files)
- `Matrika_Rep/analysis` contains all of the files to create the tables and figures
 - `Matrika_Rep/analysis/code` contains the do files to produce tables and figures

- *Matrika_Rep/analysis/output* contains Figures and Tables
- *Matrika_Rep/analysis/temp* contains log files

Figure 1: Folder structure for Matrika Replication files



Instructions:

1. Download and save the replication files
2. In the files *00_master_clean.do* and *00_master_analysis.do* go to the section called 'set path' and change the directory to match the location where you have saved the *Matrika_Rep* folder.
3. Further instructions and notes are contained in the *00_master_clean.do* and *00_master_analysis.do* files, including descriptions of the sub-do files.