README

The main dataset for this paper is the 2010-2011 Tanzania National Panel Survey, downloaded from the World Bank Microdata Catalogue. (http://microdata.worldbank.org/index.php/catalog/1050)

I also merge in selected variables from the 2008-2009 Tanzania National Panel Survey, downloaded from the same source. (http://microdata.worldbank.org/index.php/catalog/76)

To replicate the tables and figures for this paper, first create a main project folder (called "TZ ITNs" in the provided do files), and subfolders "2010-11 data" and "2008-09 data" and "constructed data". Within constructed data, also create a folders called "2008" and "2010." Then set the directory to match the filepaths on your computer, and run the master data creation do file. Next run the do files to create main tables, main figures, and appendix figures and tables.

2010-2011 data:

This do files begins by merging sections A, B, C, and D of the NPS household questionnaire. Next it reshapes and merges three sections of the governance module (Sections H1-H3). Next the file merges the household-level consumption aggregates to the governance module, to various linking files which contain unique ids to enable merging across dataset levels, to the NPS community level questionnaires, and to the geovariables datafile, while also creating variables to be used for analysis as needed. These household and community level variables are then merged to the individual-level variables from sections A-D of the household roster. We then merge in several household and community-level variables from the 2008-09 NPS survey. This dataset has been separately created by the do file called "create 2008 data for merge," which is called at the top of the data creation master do file. The next step is to merge in district names; the NPS datafiles include GPS points but do not have district names, so the district location of each observation was generated by projecting the survey cluster GPS locations onto a shapefile of Tanzanian districts using the ArcGIS software package. We then create all additional variables needed for the analysis. The final file with all relevant data merged and all variables for analysis created is saved as "for_analysis.dta."

2008 data:

In a separate do file ("create 2008 data for merge"), we prepare 2008 data, including bed net ownership, leader approval, leader vote intention, and village leader partisanship. This do file is run at the top of the data creation master do file.

Malaria data:

Measures of district-level malaria prevalence are taken from Chaki et al 2013; see appendix for the full reference. The “district malaria prep” do file inputs this data from Excel into Stata, cleans the data, and then generates a set of district names and prevalence estimates which can be merged to the district names in the NPS data. In a number of cases, Chaki et al only provide prevalence estimates for a rural district in cases when a rural district and its town center are administrated as separate council governments (i.e. Singida Urban/Singida Rural; Lindi Urban/Lindi Rural.) In order to facilitate merging, we impute the prevalence for the urban district or town council as equal to the prevalence of the rural “partner” district. In other cases, district names differ between the NPS district names and Chaki et al. because of administrative creation of new districts in recent years. In such cases we impute the old “parent” district prevalence values to newly created split-off districts. We also correct misspellings and alternative district naming conventions. This do file is also run at the top of the data creation master do file.