

README

2024-04-23

OVERVIEW

The code in this replication package integrates the following data sources using R:

- Policy Experiment from Niger (as published in Bossuroy et al., 2022) 1. Baseline (Data/niger_main_2017.csv)
2. Follow-up 1 (Data/allrounds_NER_hh.csv)
- Mechanism Experiment from Niger 3. Follow-up (Data/niger_endline_final_constructed_2023.csv, constructed from niger_endline_final_2023.csv)
- Descriptive Forecasting Data on Mental Models from a US sample 4. U.S. Forecasting Sample (Data/forecasting_mturk_final_v2_clean.csv)

The code to reproduce all results in the manuscript can be found in one .Rmd file named “NigerEnd_Tables_Final_April2024.R”. This file pulls in cleaning script for the Mechanism Experiment to construct the final dataset (“niger_endline_final_constructed_2023.csv”). It also integrates all other datasets for analyses where needed.

This code recreates all numbers provided in the text as well as: - Table 1 (col 5) (note that cols 3-4 are taken from Bossuroy et al. (2022) Supplementary Materials) - Table 2
- Figures 2 and 5 - Tables S1-S9

Note that Fig. 1, 3, 4, and 6 were manually constructed.

DATA AVAILABILITY

- Policy Experiment from Niger (as published in Bossuroy et al., 2022)

Data from the Policy Experiment’s follow-up survey (as published in Bossuroy et al., 2022) and questionnaires can be found here: <https://microdata.worldbank.org/index.php/catalog/4294> and accompanying code here: <https://github.com/dime-worldbank/niger-asp-reprod>.

- Mechanism Experiment from Niger Questionnaires and codebook will be made available through the World Bank Microdata Library at a later date. Most variables are described in the codebook that can be found here: <https://microdata.worldbank.org/index.php/catalog/4294>.
- Descriptive Data on Mental Models from a US sample Questionnaires and codebook will be made available at a later date. They are temporary embargoed until paper publication.

COMPUTATIONAL REQUIREMENT

Last run with: R version 4.3.1 (2023-06-16) “Beagle Scouts”