

Replication package for Housing Subsidies for Refugees: Experimental Evidence on Life Outcomes and Social Integration in Jordan.

Data Availability Statement

The data used in this study is **temporarily embargoed** and will be made publicly available in the [World Bank Microdata Library](#) after the paper's publication in a journal. The authors provided the data to the World Bank Reproducibility Verification Team for verification purposes.

Data Collection Overview

The study employs a **Randomized Control Trial (RCT)** involving:

- **2,870 Syrian refugee households**
- **2,146 neighboring host-community households**

The data tracks outcomes across three survey rounds:

1. **Midline:** During program implementation.
2. **Endline:** Immediately after assistance delivery.
3. **Follow-up:** 1.5 years post-assistance.

The datasets collected and analyzed in this study are as follows:

Dataset list

- Baseline & Covariates
 - children_baseline: Household statistics of child ages and distribution.
 - compliance_all: Compliance and assignment data for sample
 - covariates_compliance: control variables and assignment for sample
 - duplicateWeights: Sample cross round weights
- Localities
 - Localities_wKey: Geographic location of sample plus assignment
 - Localities: Geographic location of sample w/o assignment
 - LocalitiesAssignment_Complete: Localities plus assignment
 - LocalitiesAssignment_Quartile: Localities plus quartile assignment
 - SampleList_Final_deid: Locality and assignment with ID
- Predictions
 - clean_panel_A_final: Responses from first forecasting survey

- clean_panel_B: Responses from second forecasting survey
- means_coef_A: Means of coefficients from first forecasting survey
- means_coef_B: Means of coefficients from second forecasting survey
- Survey Data
 - F2F_outcomes: Outcomes from face to face survey round
 - PooledAll: Pooled outcomes across rounds
 - PS_all_outcomes: Outcomes from phone survey
 - PS_controls_clean: Control variables from phone survey
 - RCT_PS2_all_outcomes: Outcomes from phone survey 2
 - Section12_14_16_18_modified:
 - Section12_14_16_18:
- Neighbor Survey
 - NS_het: Heterogeneity data for neighbor sample
 - NS_sample_deidentified: Outcomes from neighbor sample survey
 - NS_T1: Subset of neighbor sample outcomes
 - NS_T3: Subset of neighbor sample outcomes
 - NS_T5: Subset of neighbor sample outcomes
 - NS_T11: Subset of neighbor sample outcomes
 - NS_T12: Subset of neighbor sample outcomes

Computational requirements

This section documents the software and packages required to run the replication package.

Software

1. Stata
2. R and RStudio
3. Python

Packages

Stata

```
ssc install project
ssc install unique
```

R

Managed using `renv.lock` file. Required libraries are self-documented in the `.renv.lock` file. See section on R setup for details.

Python

Managed using python virtual environment `venv` and `requirements.txt`. See section on python setup for details.

Instructions to replicators

Download the project

Data Directory

The data required for this replication package is **temporarily embargoed**, and as a result, the next steps cannot be executed until access to the data is granted. Once access has been provided, please follow the instructions below to replicate the analysis:

1. **Download the datasets**
2. **Configure the data directory:**
 - Navigate to the root of the project folder.
 - Copy the contents of the `.env.template` file into a new file called `.env`.
3. In the newly created `.env` file, set the `DATA_PATH` variable to the location of the downloaded dataset.
 - For example, if the dataset is located in `C:\Users\username\Dropbox\SRLS`, set the variable as follows:

```
DATA_PATH=C:\Users\username\Dropbox\SRLS
```

Stata

This replication package is largely written in Stata. It uses the `project` module. To run the Stata replication code:

1. Please install the required packages (`project`, and `unique`) using `ssc install project` and `ssc install unique` if it's not already installed
2. Open Stata and run `project, setup`. This will open a pop-up window for choosing the 'master do-file'
3. Navigate to the project directory and select `srls_rct_analytical_replication.do` as the project's master do file
4. Run the master do-file in Stata using `project srls_rct_analytical_replication, build`. Make sure the data directories are correctly setup as outlined in the 'Data Directory' section

R

1. Open the RStudio project by clicking on the `srls_rct_analytical_replication.Rproj` (located in the project directory). This should automatically activate `renv` environment.
 - Alternatively, you can manually install the packages by running `renv::activate()` followed by `renv::restore()`.
2. Open the files `code/R/Fig3_PanelA.R` and `code/R/Fig3_PanelB.R` in RStudio and run using the “Source” button.

List of tables and programs

The following table lists the tables in the paper, the corresponding code that produces the table, and the output file(s) generated by the corresponding code. Results in the output files should match the results in the paper tables. Tables are saved in the `results/tables` folder and figures are saved in the `results/figures` folder.

Table	Panel	Code	Output File
Table 1	Panel A	Table1_Balance.do	balance1.tex
Table 1	Panel B	Table1_Balance.do	balance2.tex
Table 1	Panel C	Table1_Balance.do	balance3.tex
Table 2	Panel A	Table2_Predictions.do	predictions_panela.tex
Table 2	Panel B	Table2_Predictions.do	predictions_panelb.tex
Table 3	Panel A	Table3_PanelRetentionandCompliance.do	attrition1.tex
Table 3	Panel B	Table3_PanelRetentionandCompliance.do	takeup.tex
Table 3	Panel C	Table3_PanelRetentionandCompliance.do	attrition2.tex
Figure 3	Panel A	Fig3_PanelA.R	Fig3_PanelA.png
Figure 3	Panel B	Fig3_PanelB.R	Fig3_PanelB.png

Table	Panel	Code	Output File
		R	
Table 4	Panel A	Table4_PooledTE.do	pooled_primary.tex
Table 4	Panel B	Table4_PooledTE.do	pooled_panelb_food.tex, pooled_panelb_credit.tex
Table 5	Panel A	Table5_Midline.do	midline_panel_a.tex
Table 5	Panel B	Table5_Midline.do	midline_panel_b.tex
Table 5	Panel C	Table5_Midline.do	midline_panel_c.tex
Table 5	Panel D	Table5_Midline.do	midline_panel_d.tex
Table 5	Panel E	Table5_Midline.do	midline_panel_e.tex
Table 5	Panel F	Table5_Midline.do	midline_panel_f.tex
Table 6	Panel A	Table6_Endline_Followup.do	endline.tex
Table 6	Panel B	Table6_Endline_Followup.do	followup.tex
Table 7	Panel A	Table7_SocialCohesion.do	mainpaper_sc_primary.tex
Table 7	Panel B	Table7_SocialCohesion.do	mainpaper_sc_social.tex
Table 7	Panel C	Table7_SocialCohesion.do	mainpaper_mentalhealth.tex
Table A.1	Panel A	TableA1.do	tablea1_primary.tex
Table A.1	Panel B	TableA1.do	tablea1_credit.tex, tablea1_food.tex
Table A.2	Panel A	TableA2.do	tablea2_panel_a2
Table A.2	Panel B	TableA2.do	tablea2_panel_b2
Table A.2	Panel C	TableA2.do	tablea2_panel_c2
Table A.2	Panel D	TableA2.do	tablea2_panel_d2
Table A.2	Panel E	TableA2.do	tablea2_panel_e2
Table A.2	Panel F	TableA2.do	tablea2_panel_f2
Table A.3	Panel A	TableA3_Pan	table_a3_endline,

Table	Panel	Code	Output File
		elA.do	q_max_ChoresChildcareFR
Table A.3	Panel B	TableA3_PanelB.do	TableA3_PanelB
Table A.4	Panel A	TableA4.do	table_a4_panela
Table A.4	Panel B	TableA4.do	table_a4_panelb
Table A.4	Panel C	TableA4.do	table_a4_panelc1, table_a4_panelc2
Table B.1	-	TableB1_GenderHeterogeneity.do	endline_het.tex
Table B.2	-	TableB2_NeighborHet.do	Het_socialattitudes.tex
Table C.1	-	TableC1.do	endline_emp_appendix.tex

References

Lars Vilhuber, Connolly, Marie, Koren, Miklós, Llull, Joan, and Morrow, Peter. 2022. "A Template README for Social Science Replication Packages". Zenodo. <https://doi.org/10.5281/zenodo.7293838>.