Readme for the replication package of

The Good Wife? Reputation Dynamics and Financial Decision-Making Inside the Household

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Overview

This package contains the replication package for "The Good Wife? Reputation Dynamics and Financial Decision-Making Inside the Household" by Nina Buchmann, Pascaline Dupas, and Roberta Ziparo. It contains all data and code necessary for replicating the tables and figures in the paper. The data files are in Stata (.dta), and the replication code was written in Stata. Replication of the tables and figures will take approximately 10 minutes.

Data Availability and Provenance Statements

Statement about Rights

- ☑ I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.
- ☑ I certify that the author(s) of the manuscript have documented permission to redistribute/publish the data contained within this replication package.

Summary of Availability

☑ All data **are** publicly available.
☐ Some data **cannot be made** publicly available.
☐ **No data can be made** publicly available.

Details on each Data Source

Data.Name	Data.Files	Location	Provided	Citation
"Bed net reuse data"	bednets.dta	Data/Raw	TRUE	Dupas (2017)
"Clorin reuse data"	clorin.dta	Data/Raw	TRUE	Ashraf et al. (2019)
"Survey/experimental data"	experiment12.dta; experiment3.dta	Data/Raw	TRUE	Buchmann, Dupas, and Ziparo (2024)

Bed net reuse data

`bednets.dta` is a subset of the the larger data used in Dupas (2009) that can be found at Dupas (2017). Specifically, it contains data on bednet uptake from an experiment in Kenya in 2007. While some metadata in the dataset may be slightly different (e.g., creation date, file name), the actual data in the datafile, "bednets.dta," is identical to the data in the the "PandP_data.dta" file within Dupas (2017). The two files are the same dataset, they only differ in metadata.

Clorin reuse data

`clorin.dta` is a subset of the the larger data used in Asraf et al. (2010) that can be found at Ashraf et al. (2019). Specifically, it contains data on takeup of a water treatment product from an experiment in Zambia. It is equivalent to the "clorin_clean.dta" datafile in Ashraf et al. (2019).

Survey data

The survey/experimental data from this study, along with the survey instruments used to collect it, have been deposited in the AEA ICPSR Database with doi https://doi.org/10.3886/E209322V1. The data were collected by the authors, and are available under a CC0 license.

The data was collected on two different samples:

- **Transfer and signaling experiments**: data from 1,093 married monogamous couples sampled from 36 villages in Neno district, Southern Malawi. The data was collected between May and July 2019. It contains data from three sources:
  - An hour-long survey administered separately to the husband and the wife, including questions on household demographics, schooling, and employment, as well as a module on expenditures and budget decisions inside the household, recent transfers from the husband to the wife, and financial

literacy. It also included math questions to test respondents' ability to solve everyday math problems, as well as 12 Raven's Progressive Matrices.

  - Data collected as part of the transfer experiment from the *husbands*
  - Data collected as part of the signaling experiment from the *wives*

  Datafiles:

  - `experiment12.dta`

- **Market experiment**: data collected from 675 married women in monogamous relationships, recruited while they were shopping at one of six local markets in Zomba district in July 2019. Includes 2 data sources:

  - Survey data on household demographics, schooling, and employment, as well as a module on expenditures and budget decisions inside the household, recent transfers from the husband to the wife.
  - Data collected as part of the market experiment.

  Datafiles:

  - `experiment3.dta`

Dataset list

The following datasets are part of the full replication package. All variables are further described in "codebook.xlsx"

Data file	Source	Notes	Provided
`Raw/bednets.dta`	Bet nets reuse		Yes
`Raw/Clorin.dta`	Clorin reuse		Yes
`Raw/experiment12.dta`	Survey + experimental data		Yes
`Raw/experiment3.dta`	Survey + experimental data		Yes
`Clean/experiment3_cleaned.dta`	Survey + experimental data	Generated in replication using "3_clean_experiment3.do"	Yes
`Clean/experiment12_cleaned.dta`	Survey + experimental data	Generated in replication using "2_clean_experiment12.do"	Yes

Data file	Source	Notes	Provided
`Clean/RF_parameters.dta`	Survey + experimental data	Generated in replication using "7_analysis_experiment3.do." Contains random forest parameters.	Yes

Computational requirements

Software Requirements

The replication code was written in Stata 16. The code was last run on a blank environment on September 22 2024 with the following software:

- Stata (code was last run with version 16)
  - `sutex2` (as of 2024-09-22)
  - `binscatter` (as of 2024-09-22)
  - `scheme-burd` (as of 2024-09-22)
  - `rforest` (as of 2024-09-22)
  - `estout` (as of 2024-09-22)
  - `coefplot` (as of 2024-09-22)
  - Running "`0_Main.do`" check that all packages are installed locally and install them if not.
- Mac M1 with MacOS Sonoma 14.3.1

Memory and Runtime Requirements

Summary Approximate time needed to reproduce the analyses on a standard (CURRENT YEAR) desktop machine:

☑ <10 minutes
☐ 10-60 minutes
☐ 1-2 hours
☐ 2-8 hours
☐ 8-24 hours
☐ 1-3 days
☐ 3-14 days
☐ > 14 days
☐ Not feasible to run on a desktop machine, as described below.

Details The code was last run on **an Apple M1 computer with MacOS version 14.3.1**.

Description of programs/code

All dofiles are located within the "Dofiles" subfolder.

- `main.do` sets globals, installs software, and calls other programs. In order to run a full replication it is the only script that needs to be run. It, in turn, calls:
- `1_motivating_evidence.do`, which creates the graphs from section 2 of the paper.
- `2_clean_experiment12.do` and `3_clean_experiment3.do`, which clean the survey + experimental data and generate the two cleaned experimental datasets.
- `4_summary_statistics.do` produces summary statistic and balance tables.
- `5_analysis_experiment1.do` produces tables and figures from the *transfer* experiment
- `6_analysis_experiment2.do` produces tables and figures from the *signaling* experiment
- `7_analysis_experiment3.do` produces tables and figures from the *market* experiment, as well as generating the RF Parameters generated dataset.
- `8_analysis_heterogeneity.do` produces the heterogeneity graphs from the paper and its appendix.

Instructions to Replicators

- Edit line 5 of `0_Main.do` to adjust the default path.
- Run `0_Main.do`

List of tables and programs

The provided code reproduces:

☐ All numbers provided in text in the paper
☐ All tables and figures in the paper
☑ Selected tables and figures in the paper, as explained and justified below.

The below table lists the tables and figures in the order they appear in the paper, along with the program that produces them. Figures 3, C.1, C.4, C.5, and C.6, and Table C.1 are illustrations not produced by code (thus the answer to the above and their exclusion from the table below). All output is stored in the Output/ folder, with the table/figure file name noting which table/figure it corresponds to in the paper. For tables that are the product of multiple .tex files the subfiles are kept within a folder labeled for the table number.

Figure/Table	Program	Program line
Figure 1	Dofiles/1_motivating_evidence.do	72
Figure 2	Dofiles/1_motivating_evidence.do	185
Table 1	Dofiles/4_summary_statistics.do	27
Figure 4	Dofiles/5_analysis_experiment1.do	175
Figure 5	Dofiles/6_analysis_experiment2.do	353
Figure 6	Dofiles/6_analysis_experiment2.do	353
Figure 7	Dofiles/6_analysis_experiment2.do	353
Figure 8	Dofiles/7_analysis_experiment3.do	387
Figure 9	Dofiles/7_analysis_experiment3.do	387
Figure 10	Dofiles/7_analysis_experiment3.do	387
Figure 11	Dofiles/8_analysis_heterogeneity.do	217
Figure A1	Dofiles/7_analysis_experiment3.do	387
Figure A2	Dofiles/7_analysis_experiment3.do	387
Figure A3	Dofiles/7_analysis_experiment3.do	387
Table A1	Dofiles/5_analysis_experiment1.do	223
Table A2	Dofiles/5_analysis_experiment1.do	129
Table A3	Dofiles/6_analysis_experiment2.do	235
Table A4	Dofiles/7_analysis_experiment3.do	288
Figure C2	Dofiles/6_analysis_experiment2.do	44
Figure C3	Dofiles/6_analysis_experiment2.do	49
Figure C7	Dofiles/8_analysis_heterogeneity.do	217
Figure C8	Dofiles/8_analysis_heterogeneity.do	217
Table C2	Dofiles/4_summary_statistics.do	53-183
Table C3	Dofiles/5_analysis_experiment1.do	262
Table C4	Dofiles/6_analysis_experiment2.do	33
Table C5	Dofiles/6_analysis_experiment2.do	235
Table C6	Dofiles/6_analysis_experiment2.do	235
Table C7	Dofiles/4_summary_statistics.do	53-183
Table C8	Dofiles/4_summary_statistics.do	53-183
Table C9	Dofiles/4_summary_statistics.do	27
Table C10	Dofiles/6_analysis_experiment2.do	235
Table C11	Dofiles/4_summary_statistics.do	53-183

Table 3: Programs

References

Ashraf, Nava, James Berry, and Jesse M. Shapiro. 2010. "Can Higher Prices Stimulate Product Use? Evidence from a Field Experiment in Zambia." American Economic Review, 100 (5): 2383–2413.

Ashraf, Nava, Berry, James, and Shapiro, Jesse M. Replication data for: Can Higher Prices Stimulate Product Use? Evidence from a Field Experiment in Zambia. Nashville, TN: American Economic Association [publisher], 2010.

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Dupas, Pascaline, 2017, "What Matters (and What Does Not) in Households' Decision to Invest in Malaria Prevention", https://doi.org/10.7910/DVN/EH1PI9, Harvard Dataverse, V1, UNF:6:kg1boE0DzVy6yHn1CEKrrA== [fileUNF]