## Overview

The code in this replication package constructs the analysis file from the data generated by the author (Oh 2023) using Stata.

To produce all the figures and tables in the paper:

i) open the Master.do file in Stata and change the working directory to the location of the base folder

ii) run the Master.do file

The replicator should expect the code to run for about <5 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.

### Summary of Availability

* All data **are** publicly available.

### Details on each Data Source

The project combines six main data sources listed below. Data were collected via in-person surveys using paper instruments. The data was double entered using the Cylon software (https://github.com/cylondata/cylon), by two different data entry officers, to reduce errors. The survey folder contains the relevant questionnaires, listed below:

1. Main experiment choice data on job take-up (script available in online appendix)

2. Follow-up survey data from main experiment (jobtakeup\_questionnaire.pdf)

3. Supplementary experiment choice data on bonus wage (script available in online appendix)

4. Follow-up survey data from supplementary experiment (bonuswage\_questionnaire.pdf)

5. Background survey data from Task Survey (task\_questionnaire.pdf)

6. Background survey data from Rank Survey (rank\_questionnaire.pdf)

## Dataset list

The survey and experiment data used to support the findings of this study have been deposited in the AEA Data and Code Repository (https://doi.org/10.3886/E184161V1). The data were collected by the authors, and are available under a Creative Commons Non-commercial license.

The data in the package are organized as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data.Name | Data.Files | Location | Provided | Citation |
| Job take-up and associated survey data | choice\_jobtakeup.dta | data/ | TRUE | Oh (2023) |
| Bonus wage take-up and associated survey data | choice\_bonuswage.dta | data/ | TRUE | Oh (2023) |
| Task survey data | task\_survey.dta | data/ | TRUE | Oh (2023) |
| Rank survey data | rank\_survey.dta | data/ | TRUE | Oh (2023) |

## 

Running the replication codes will produce the following output data, also available in the package:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data.Name | Data.Files | Location | Provided | Citation |
| Cleaned job take-up wide data | choice\_jobtakeup\_wide.dta | data/ | TRUE | Oh (2023) |
| Cleaned job take-up long data | choice\_jobtakeup\_analysis.dta | data/ | TRUE | Oh (2023) |
| Cleaned bonus wage take-up data | choice\_bonuswage\_analysis.dta | data/ | TRUE | Oh (2023) |

## Computational requirements

### Software Requirements

* Stata (code was last run with version 14)
  + estout (as of 2018-05-12)

#### Summary

Approximate time needed to reproduce the analyses on a standard 2023 desktop machine:

* ☐ <10 minutes

#### Details

The code was last run on a 2.6 GHz 6-Core Intel Core i7 laptop with 32 GB of RAM.

## Description of programs/code

All the codes for analysis are in the code folder. There are 7 stata files, run sequentially.

* Master.do - set folder path and run all the do files below to produce tables and figures.
* 1\_job\_takeup\_clean.do - clean the main experiment data and save: choice\_jobtakeup\_wide.dta and choice\_jobtakeup\_analysis.dta
* 2\_job\_takeup\_analyze.do - make tables/figures using cleaned data from the main experiment
* 3\_bonus\_takeup\_clean.do - clean the supplementary experiment data and save: choice\_bonuswage\_analysis.dta
* 4\_bonus\_takeup\_analyze.do - make tables/figures using cleaned data from the supplementary experiment
* 5\_task\_survey.do - clean and analyze task survey data
* 6\_rank\_survey.do - clean and analyze rank survey data

## Instructions to Replicators

To produce all the figures and tables in the paper:

1. added a "config.do" file in the same directory as the master.do file (~/code) and include it at the beginning of the master.do file
2. locate the global rootdir in the "0\_master\_do.do" and change it to the location of the base folder of the replication package
3. add the required packages "estout" and "esttab" to the "config.do" files.
4. run the Master.do file to run all steps in sequence

## List of tables and programs

The provided code reproduces:

* All tables and figures in the paper

The codes should produce the results identical to those provided in the paper. Some tables are manually produced based on the results produced by the codes. The codes do not produce some of the legends included in the figures. The size of the axis labels may appear larger and closer to the axis than in the paper due to formatting changes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Figure/Table # | Program | Line Number | Output file | Note |
| Table 1 | 5\_task\_survey.do, 6\_rank\_survey.do | 170, 86 | tab\_ranking.tex | Manually created |
| Table 2 | 2\_job\_takeup\_analyze.do | 385 | tab\_takeup\_main.tex |  |
| Table 3 | 2\_job\_takeup\_analyze.do | 456 | tab\_social\_image.tex |  |
| Table 4 | 4\_bonus\_takeup\_analyze.do | 115 | tab\_price.tex |  |
| OA Table A1 | 6\_rank\_survey.do | 95 | tab\_ranking\_reg.tex |  |
| OA Table A2 | 5\_task\_survey.do | 182 | tab\_task\_info\_edit.tex | Manually created |
| OA Table A3 | 2\_job\_takeup\_analyze.do | 508 | tab\_summary.tex |  |
| OA Table A4 | 2\_job\_takeup\_analyze.do | 603 | tab\_robust\_other.tex |  |
| OA Table A5 | 2\_job\_takeup\_analyze.do | 658 | tab\_takeup\_main\_register.tex |  |
| OA Table A6 | 2\_job\_takeup\_analyze.do | 722 | tab\_app\_completion.tex |  |
| OA Table A7 | 2\_job\_takeup\_analyze.do | 792 | tab\_sensitive.tex |  |
| OA Table A8 | 4\_bonus\_takeup\_analyze.do | 178 | tab\_balance.tex |  |
| OA Table A9 | 5\_task\_survey.do | 237 | tab\_experience.tex |  |
| OA Table A10 | 4\_bonus\_takeup\_analyze.do | 268 | tab\_price\_experience.tex |  |
| OA Table A11 | 4\_bonus\_takeup\_analyze.do | 334 | tab\_joint\_count.tex |  |
| OA Table A12 | 4\_bonus\_takeup\_analyze.do | 440 | tab\_price\_prediction.tex |  |
| Figure 1 | 2\_job\_takeup\_analyze.do | 31 | fig\_cont\_ci.pdf, fig\_iden\_ci.pdf | No legend |
| Figure 2 | 2\_job\_takeup\_analyze.do | 164 | fig\_combined.pdf | No legend |
| Figure 3 | 2\_job\_takeup\_analyze.do | 273 | fig\_reason\_cont.pdf, fig\_reason\_iden.pdf |  |
| Figure 4 | 4\_bonus\_takeup\_analyze.do | 26 | fig\_pricelin\_cont\_v2.pdf, fig\_pricelin\_iden\_v2.pdf, fig\_price\_histogram\_cont.pdf, fig\_price\_histogram\_iden.pdf | No legend |
| OA Figure A1 | - | - | - | Not from data |
| OA Figure A2 | 6\_rank\_survey.do | 203 | fig\_ranking\_spread.pdf, fig\_ranking\_match.pdf |  |
| OA Figure A3 | 5\_task\_survey.do | 351 | fig\_opinion.pdf |  |

## References

Oh, Suanna. 2023. “Replication data for: Does Identity Affect Labor Supply?” American Economic Association [publisher], Inter-university Consortium for Political and Social Research [distributor]. https://doi.org/10.3886/E184161V1.