README file for Replication Archive of "Unemployment Insurance, Risk, and the Acquisition of Specific Skills: An Experimental Approach"

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See the main text of the paper for a detailed discussion of the data collection process. See the online appendix for a copy of the instructions to participants.

Dataset List

Data file	Source	**Note**	**Provided**
`CESSraw.csv`	Author	Raw lab data	Yes
`AA_19062018_AMT.csv`	Author	Raw mTurk data	Yes
`AhlquistAnsell_UIskills_cleaned.csv`	Author	Cleaned data for analysis	Yes
`NRRbyEmpOECD`	OECD	Data for figure 1	Yes

Computational Requirement

Software Requirement

Replicators should note the following versions for the R packages used in `AhlquistAnsell_UIskills_analysis.R`:

R

- here version 1.0.1
- checkpoint: version 1.0.2
- foreign: version 0.8.84
- MASS: version 7.3.60
- mediation: version 4.5.0
- broom: version 1.0.4
- Ggally: version 2.1.2
- ggpubr: version 0.6.0
- stargazer: version 5.2.3
- readstata13: version 0.10.1
- PropCIs: version 0.3.0

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- DescTools: version 0.99.49
- clusterSEs: version 2.6.5
- tidyverse: version 2.0.0
- cobalt: version 4.5.1
- modelsummary: version 1.4.2
- sandwich: version 3.0.2
- dataMaid: version 1.4.1

Description of Programs/Code

Data Creation:

- Inputs: `CESSraw.csv`, `AA_19062018_AMT.csv`
- Computation: `replication_cleaning.R`
- Output: `AhlquistAnsell_UIskills_cleaned.csv`

Data Analysis:

All figures and tables are created using `AhlquistAnsell_UIskills_analysis.R` program and `AhlquistAnsell_UIskills_cleaned.csv` as the data file. Only Figure 1 requires a different input file, as summarized below.

Analysis Datasets:

Data.file	Note	Output
`AhlquistAnsell_UIskills_cleaned.csv`		Figure 4, Figure 5, Figure 6, Figure 7, Figure 8, Figure 9, Figure 10, Figure 11, Figure 12, Table 3, Table 4, Table 5, Table 6, Table 7, Table 8, Table 9, Table 10, Table 11, Table 12, Table 13,
`NRRbyEmpOECD.csv`		Figure 1

6. List of Tables and Programs

Figure/Table #	Program	Line Number	Input file	Output file	Note
Table 3	AhlquistAnsell_UIskills_analysis.R	**277-376**	`AhlquistAnsell_UIskills_cleaned.csv`	table3.pdf	
Table 4	AhlquistAnsell_UIskills_analysis.R	**255-274**	`AhlquistAnsell_UIskills_cleaned.csv`	table4.pdf	
Table 5	AhlquistAnsell_UIskills_analysis.R	**277-393**	`AhlquistAnsell_UIskills_cleaned.csv`	table5.pdf	
Table 6	AhlquistAnsell_UIskills_analysis.R	**277-427**	`AhlquistAnsell_UIskills_cleaned.csv`	table6.pdf	
Table 7	AhlquistAnsell_UIskills_analysis.R	**277-359**	`AhlquistAnsell_UIskills_cleaned.csv`	table7.pdf	
Table 8	AhlquistAnsell_UIskills_analysis.R	**277-410**	`AhlquistAnsell_UIskills_cleaned.csv`	table8.pdf	
Table 9	AhlquistAnsell_UIskills_analysis.R	**456-471**	`AhlquistAnsell_UIskills_cleaned.csv`	table9.pdf	
Table 10	AhlquistAnsell_UIskills_analysis.R	**499-517**	`AhlquistAnsell_UIskills_cleaned.csv`	table10.pdf	
Table 11	AhlquistAnsell_UIskills_analysis.R	**519-543**	`AhlquistAnsell_UIskills_cleaned.csv`	table11.pdf	
Table 12	AhlquistAnsell_UIskills_analysis.R	**612-638**	`AhlquistAnsell_UIskills_cleaned.csv`	table12.pdf	
Table 13	AhlquistAnsell_UIskills_analysis.R	**715-739**	`AhlquistAnsell_UIskills_cleaned.csv`	table13.pdf	
Figure 1	AhlquistAnsell_UIskills_analysis.R	**61-85**	`NRRbyEmpOECD.csv`	figure1a.pdf figure1b.pdf	
Figure 4	AhlquistAnsell_UIskills_analysis.R	**191-253**	`AhlquistAnsell_UIskills_cleaned.csv`	figure4a.pdf figure4b.pdf figure4c.pdf	
Figure 5	AhlquistAnsell_UIskills_analysis.R	**176-185**	`AhlquistAnsell_UIskills_cleaned.csv`	figure5.pdf	
Figure 6	AhlquistAnsell_UIskills_analysis.R	**437-454, 480-497**	`AhlquistAnsell_UIskills_cleaned.csv`	figure6a.pdf figure6b.pdf	

Figure 7	AhlquistAnsell_UIskills_analysis.R	**576-607**	`AhlquistAnsell_UIskills_cleaned.csv`	figure7.pdf
Figure 8	AhlquistAnsell_UIskills_analysis.R	**555-573**	`AhlquistAnsell_UIskills_cleaned.csv`	figure8.pdf
Figure 9	AhlquistAnsell_UIskills_analysis.R	**669-681**	`AhlquistAnsell_UIskills_cleaned.csv`	figure9.pdf
Figure 10	AhlquistAnsell_UIskills_analysis.R	**684-696**	`AhlquistAnsell_UIskills_cleaned.csv`	figure10.pdf
Figure 11	AhlquistAnsell_UIskills_analysis.R	**699-711**	`AhlquistAnsell_UIskills_cleaned.csv`	figure11.pdf
Figure 12	AhlquistAnsell_UIskills_analysis.R	**642-662**	`AhlquistAnsell_UIskills_cleaned.csv`	figure12.pdf
Figure 13	AhlquistAnsell_UIskills_analysis.R	**745-760**	`AhlquistAnsell_UIskills_cleaned.csv`	figure13.pdf