

Mental Health and Labor - Working Paper

Overview

Replication Package for the working paper on mental health and its impact on labor. The package includes the code and external scripts needed to replicate all results. Please set the global variable `mh_root` in the file `code/main.do` to the path in which you stored the replication package. Then, simply run `code/main.do`

Data Availability

- ☒ No data can be made publicly available.

Please contact the one of the authors of the paper for access to the data:

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Data Sources

We use experimentally collected data for this project. Data was collected as part of an ongoing RCT.

- **data/generated/Pilot_3_Census_Reshaped_Analysis**
- **data/generated/Pilot_3_MH_Census_Study**
- **data/generated/Pilot_3_Attrition**

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. Appropriate permission are documented in the LICENSE.txt file.

Instructions for Replicators

New users should follow these steps to run the package successfully:

- Users must first have access to all data files if they are not included in the reproducibility package. They should place them in the data/generated with the file names listed above folder.
- Update the following files with your directory paths
 - code/main.do
 - Update the global variable mh_root with the path to the directory in which this replication package is saved
- Run the main.do file.

List of Exhibits

☒ All tables and figures in the paper

Exhibit Name	Output filename	Script	Note
Figure 1. Distribution of Mental Health Scores Among Female Participants	plot/fig.1.2.mh_distribution_preview.png	code/figures/fig_1.2_mh_distribution_all.do	Found in manuscript/plot
Figure 2. Mental Health and Work Offer Refusal Rates	plot/refuse_work_sem.pdf	code/figures/fig_3_refuse_work.do	Found in manuscript/plot
Figure A.1. Take up of Work	plot/fig_4_work_completion_vertical.jpg	code/figures/fig_4_work_completion.do	Found in manuscript/plot
Figure A.2. Job offer and labor supply	plot/fig_2_3_panel.pdf	code/figures/fig_2_labor_outcomes.do	Found in manuscript/plot
Table 1. Screening Process and Survey Administration Details	–	–	A latex table found inside the document
Table 2. Study Timeline	–	–	A latex table found inside the document
Table 3. Summary Statistics – Phase 1	table/updated/table_g.1_mh_hh_summary	code/tables/table_s_g_summary_stats_census.do	Found in manuscript/table/updated
Table 4. Summary Statistics – Phase 2	table/updated/table_i.1_mh_h	code/tables/table_s_i_summary_stat	Found in manuscript/t

Exhibit Name	Output filename	Script	Note
	h_summary	s_study.do	able/updated
Table 5. Correlation between Mental Health and Willingness to Work	table/updated/table_a.5_mh_signup	code/tables/table_s_a_mental_health_and_offer_accept.do	Found in manuscript/table/updated
Table 6. Association between Depression and Reasons for Work Refusal	table/updated/table_b.3_mh_signup_reason	code/tables/table_s_b_refusal_reason_controls.do	Found in manuscript/table/updated
Table 7. Work Offers, Labor Supply, Income and Mental Health	table/updated/table_c.5_mh_work_bl	code/tables/table_s_c_work_mh_bldo	Found in manuscript/table/updated
Table 8. Association between Baseline Mental Health and Quit Rate	table/updated/table_h.0_mh_quit	code/tables/table_s_h_mh_quit.do	Found in manuscript/table/updated
Table A.1. Response Rates of Phone Surveys and Endline	table/updated/table_j_survey_response	code/tables/table_s_j_survey_response_rate.do	Found in manuscript/table/updated
Table A.2. Association between Alternate Mental Health Measures and Work Offer Acceptance	table/updated/table_a.3_mh_signup	code/tables/table_s_a_mental_health_and_offer_accept.do	Found in manuscript/table/updated
Table A.3. Correlation between Mental Health and Willingness to Work (without additional controls)	table/updated/table_a.1_mh_signup	code/tables/table_s_a_mental_health_and_offer_accept.do	Found in manuscript/table/updated
Table A.4. Correlation between Mental Health and Willingness to Work (with additional SES controls)	table/updated/table_aa.7_mh_signup_cov1	code/tables/table_s_aa_mh_offer_control_comparison.do	Found in manuscript/table/updated
Table A.5. Correlation between Mental Health and Willingness to Work (with additional controls from Phase 2)	table/updated/table_ab.1_mh_signup_cs_bl	code/tables/table_s_ab_mh_offer_subsample.do	Found in manuscript/table/updated
Table A.6. Work Offers, Labor	table/updated/	code/tables/table	Found in

Exhibit Name	Output filename	Script	Note
Supply, Income and Alternate Mental Health Measures	table_c.8_mh_work_bl	s_c_work_mh_bl.do	manuscript/table/updated
Table A.7. Work Offers, Labor Supply, Income and Short-Form Mental Health Measures	table/updated/table_c.1_mh_work_bl	code/tables/table_s_c_work_mh_bl.do	Found in manuscript/table/updated
Table A.8. Work Offers, Labor Supply, Income and Mental Health (without additional controls)	table/updated/table_c.7_mh_work_bl	code/tables/table_s_c_work_mh_bl.do	Found in manuscript/table/updated
Table B.1. Association between Mental Health and Work Offer Acceptance for Others	table/updated/table_a.6_mh_signup_others	code/tables/table_s_a_mental_health_and_offer_accept.do	Found in manuscript/table/updated
Table B.2. Association between Alternate Mental Health Measures and Work Offer Acceptance for Others	table/updated/table_a.4_mh_signup_others	code/tables/table_s_a_mental_health_and_offer_accept.do	Found in manuscript/table/updated
Table B.3. Association between Depression and Reasons for Work Refusal for Others	table/updated/table_b.4_mh_signup_reason_other	code/tables/table_s_b_refusal_reason_controls.do	Found in manuscript/table/updated

Requirements

Computational Requirements

No special instructions are required. Please ensure Stata is installed, the data is available and run code/main.do as instructed above

Software Requirements

- **Stata version 17**
 - estout
 - reghdfe
 - fstools
 - egenmore
 - grc1leg2
 - blindschemes
 - swindex

Note: all requirements are included in this replication package. Only Stata installation is required to run the replication code

Memory and Runtime and Storage Requirements

The requirements needed to run code in this replication package are minimal. Most modern machines should work

- 25 Mb Disk space
- 8 GB RAM
- < 2 minutes run time (tested on M3 MacBook Pro)

Code Description

- `code/main.do` sets up file paths, and runs all table and figure `.do` described below
- `code/tables/*.do` generates various tables included in the manuscript. See [List of Exhibits](#) for a full list
 - `code/tables/table_constants.do`: contains globals used by individual table scripts that make the tables. If running tables individually, make sure to run this `do` file at least once before.
- `code/figures/*.do` generates various figures included in the manuscript. See [List of Exhibits](#) for a full list

Folder Structure

- `code`: contains all scripts.
 - `code/tables`: contains `.do` files that make tables
 - `code/figures.do`: contains `.do` files that make figures
- `external_scripts`: contains stata packages and custom code needed to generate the tables and figures
- `manuscript`: contains the manuscript `.tex` file
 - `manuscript/table/updated`: Contains output files generated by the table-related `.do` files
 - *empty until running table .do files*
 - `manuscript/plot`: Contains output files generated by the figure-related `.do` files
 - *empty until running figure .do files*