



Psychological Barriers to Participation in the Labor Market: Evidence from Rural Ghana

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This review verifies the reproducibility of the exhibits included in the paper “*Psychological Barriers to Participation in the Labor Market: Evidence from Rural Ghana*”.

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
3. Reproduction Environment

Main findings

- **Every exhibit in the main section of the paper and 10 randomly selected exhibits in the appendix were reproduced accurately**
- The code was successfully executed on a new computer after:
 1. Changing the path in the main.do file and running the code.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on November 5.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: embargoed data (available only from the authors).
 - Reviewers used embargoed-forthcoming data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The data is forthcoming on the World Bank Microdata Library.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the embargoed data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**

- **Data:** All data is temporarily embargoed by the authors (expected to be made public in the future).
- **Code:** All code files (from cleaning to analysis) are included in the reproducibility package.
- **Outputs:** All outputs are generated by code included in the reproducibility package.
- **Dependencies environment:** The reviewers created a new environment using the latest versions of dependencies available at the moment of the review.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** **Reproduced.** Verified against fig.1.2.mh_distribution_preview.png.
- **Figure 2** **Reproduced.** Verified against refuse_work_sem.pdf.
- **Table 1** Does not show analysis results.
- **Table 2** Does not show analysis results.
- **Table 3** **Reproduced.** Verified against table_g.1_mh_hh_summary.tex.
- **Table 4** **Reproduced.** Verified against table_i.1_mh_hh_summary.tex.
- **Table 5** **Reproduced.** Verified against table_a.5_mh_signup.tex.
- **Table 6** **Reproduced.** Verified against table_b.3_mh_signup_reason.tex.
- **Table 7** **Reproduced.** Verified against table_c.5_mh_work_bl.tex.
- **Table 8** **Reproduced.** Verified against table_h.o_mh_quit.tex.

Results in the Annex

For the Appendix, we did not review every exhibit. Instead, we randomly selected 10 exhibits from the remaining datasets to assess the appendix. Our review was based on those 10 exhibits. Since they were chosen randomly, we are operating under the assumption that if all randomly selected exhibits are reproducible, then the rest should be as well. The seed used to generate the random selection was 8952285, the Stata version used was 18, and the exhibits selected were: 1,3,4,5,6,7,8,9,10,12.

- **Figure A.1** **Reproduced.** Verified against fig_4_work_completion_vertical.pdf.
- **Table A.1** **Reproduced.** Verified against table_j_survey_response.tex.
- **Table A.2** **Reproduced.** Verified against table_a.3_mh_signup.tex.
- **Table A.3** **Reproduced.** Verified against table_a.1_mh_signup.tex.
- **Table A.4** **Reproduced.** Verified against table_aa.7_mh_signup_cov1.tex.
- **Table A.5** **Reproduced.** Verified against table_ab.1_mh_signup_cs_bl.tex.
- **Table A.6** **Reproduced.** Verified against table_c.8_mh_work_bl.tex.

- **Table A.7** *Reproduced*. Verified against table_c.1_mh_work_bl.tex
- **Table A.8** *Reproduced*. Verified against table_c.7_mh_work_bl.tex.
- **Table B.2** *Reproduced*. Verified against table_a.4_mh_signup_others.tex.

Reproduction Environment

Paper exhibits were reproduced on a computer with the following specifications:

- OS: macOS Sequoia
- Processor: Apple M4 Pro
- Memory available: 24 GB
- Software version: Stata MP 18.5