



Women at Work: Evidence from a Randomized Experiment in Urban Djibouti

Third Submission: RR_WLD_2024_159

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This review verifies the reproducibility of the exhibits included in the paper “*Women at Work: Evidence from a Randomized Experiment in Urban Djibouti*”.

Contents in this review:

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

Main findings

- The code was successfully executed on a new computer after:
 1. Stata: Changing the file paths in the main do file.
 2. R: opening the Rproject and running the main script two times. One for each experiment (endline, midline).
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 17 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by mail on October 7th.
- Every exhibit has been reproduced accurately. Please see more details in the List of exhibits and reproducibility status
- **Reproducibility Summary:**
 - **Data:** Some data is restricted and has not been included in the reproducibility package. For more details, please refer to the README file.
 - **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.
 - **Reproducibility verification:** Reviewers used data provided directly by the authors to conduct the reproducibility verification; not all are included in the public reproducibility package.
 - **Dependencies environment:** The reviewers created a new environment for dependencies using the latest versions available for each dependency at the moment of the review.

*List of exhibits and reproducibility status***Results in the Main Section of the Paper**

- **Figure 1** Does not show analysis results.
- **Figure 2 Reproduced.** The color of the figure in Stata is slightly different, but we consider this figure to be completely reproducible.
- **Figure 3 Reproduced.** The color of the figure in Stata is slightly different, but we consider this figure to be completely reproducible.
- **Figure 4 Reproduced.** The color of the figure in Stata is slightly different, but we consider this figure to be completely reproducible.
- **Figure 5 Reproduced.**
- **Figure A1** Does not show analysis results.
- **Table 1 Reproduced.** The exhibit was compared against Table1_all.txt.
- **Table 2 Reproduced.** Panel A was compared against Table2_mid.txt. Panel B was compared against Table2_end.txt.
- **Table 3 Reproduced.** Panel A was compared against Table3_mid_delegation.txt. Panel B was compared against Table3_mid_takeup_del.txt.
- **Table 4 Reproduced.** "Midline Survey" section was compared against Table4_mid.txt. "Endline Survey" section was compared against Table4_end.txt.
- **Table 5 Reproduced.** "Midline Survey" section was compared against Table5_mid.txt. "Endline Survey" section was compared against Table5_end.txt.
- **Table 6 Reproduced.** "Midline Survey" section was compared against Table6_mid.txt. "Endline Survey" section was compared against Table6_end.txt.
- **Table 7 Reproduced.** "Midline Survey" section was compared against Table7_mid.txt. "Endline Survey" section was compared against Table7_end.txt.
- **Table 8 Reproduced.** "Midline Survey" section was compared against Table8_mid.txt. "Endline Survey" section was compared against Table8_end.txt.
- **Table 9 Reproduced.** "Midline Survey" section was compared against Table9_mid.txt. "Endline Survey" section was compared against Table9_end.txt.
- **Table 10 Reproduced.** Reviewed using the results created in results/DjiboutiMidline/results_djibouti.docx for Panel A and B and results/DjiboutiEndline/results_djibouti.docx for Panel C and D.
- **Table 11 Reproduced.** Reviewed using the results created in results/DjiboutiMidline/results_djibouti.docx.

Results in the Annex

- **Table A1 Reproduced.** Table was compared against TableA12_attrition.txt and TableA12_women.txt.
- **Table A2 Reproduced.** Table was compared against TableA12_attrition.txt and TableA12_men.txt.
- **Table A3 Reproduced.** Table was compared against TableA34_attrition.txt, TableA34_m_hh.txt and TableA34_m_labor.txt.
- **Table A4 Reproduced.** Table was compared against TableA34_attrition.txt, TableA34__m_hh.txt and TableA34_m_labor.txt
- **Table A5 Reproduced.** "Midline Survey" section was compared against TableA5_mid.txt. "Endline Survey" section was compared against TableA5_end.txt.
- **Table B1 Reproduced.** "Panel A" was compared against TableB1A.txt. "Panel B" was compared against TableB1B.txt.
- **Table B2 Reproduced.** "Panel A" was compared against TableB2A.txt. "Panel B" was compared against TableB2B.txt. "Panel C" was compared against TableB2C.txt.

Reproduction Environment

- Paper exhibits were reproduced in a computer with the following specifications:
 - OS: Windows 11 Enterprise
 - Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz
 - Memory available: 15.7 GB
 - Software version: Stata version 18