



Closing the Gaps: The Role of Screening Questions and Self-Reporting in Measuring Women's and Youths' Employment and Work

First Submission: PP_SLV_2026_732

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October 8, 2026

This review verifies the reproducibility of the exhibits included in the paper “Closing the Gaps: The Role of Screening Questions and Self-Reporting in Measuring Women's and Youths' Employment and Work”.

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Main findings

- **Every exhibit of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the working directory of the master do-file, and running it.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 5 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 types of data: accessible (public but not included in the reproducibility package)
 - Reviewers used accessible data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the accessible data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available but not all are included in the reproducibility package. For more details, please refer to the README file.

- **Code:** All code files required to execute the replication workflow 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

- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.

Reproduction Environment

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

- OS: Windows (CCSS)
- Processor: AMD EPYC 7763 64-Core Processor, 2445 Mhz, 8 Core(s), 16 Logical Processor(s)
- Memory available: 128 GB
- Software version: Stata 19.5 MP