



Explaining Gender Differences in Economic Outcomes in Burkina Faso

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Mahin Tariq, Luis Eduardo San Martin

reproducibility@worldbank.org

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This review verifies the reproducibility of the exhibits included in the paper “*Explaining Gender Differences in Economic Outcomes in Burkina Faso*”.

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. Changing the file paths in the main do file
 2. Adding the command `set varabbrev on` to the main do-file to enable the use of abbreviated variable names
 3. Installing the Stata packages `oaxaca`, `outreg2`, `unique`, and `winsor2`.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 30 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors on May 24th 2024 via email.
- All exhibits reproduced.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available but are not included in the reproducibility package.
 - **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 and this is not 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** Reproduced
- **Table 1A** Reproduced Values for "Percent gap" are missing from the code output.
- **Table 1B-Labor Force Regression Decomposition** Reproduced
- **Table 1B-Monthly Wage Decomposition** Reproduced
- **Table 1B-Monthly Business Revenues Regression Decomposition** Reproduced
- **Table 1B-Agric. Output Regression Decomposition** Reproduced
- **Table 2** Reproduced. Significance stars are missing from the code output.
- **Table 3** Reproduced
- **Table 4** Reproduced
- **Table 5** Reproduced
- **Table 6** Reproduced

Results in the Annex

- **Table 1** Reproduced
- **Table 2** Reproduced.
- **Table 3** Reproduced
- **Table 4** Reproduced
- **Table 5** Reproduced
- **Table 6** Reproduced
- **Table 7** Reproduced
- **Table 8** Reproduced
- **Table 9** Reproduced

Reproduction Environment

Paper exhibits were reproduced in two computers with the following specifications:

- Computer 1:
 - OS: Windows 11 Enterprise

- Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz
- Memory available: 15.7 GB
- Software version: Stata 18 MP
- Computer 2:
 - OS: Windows 11 Enterprise
 - Processor: 11th Gen Intel(R) Core(TM) i5-1145G7 @ 2.60GHz 1.50 GHz
 - Memory available: 15.7 GB
 - Software version: Stata 18 MP