



## *Tax Compliance and Gender: Evidence from Field Experiment In Ethiopia*

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This review verifies the reproducibility of the exhibits included in the paper “*Tax Compliance and Gender: Evidence from Field Experiment In Ethiopia*”.

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### *Main findings*

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
  1. Updating the working directory in line 24 of the do-file "data\_preparation/omaster\_taxation\_gender", and running it.
  2. Updating the working directory in line 27 of the do-file "analysis/main", 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 minutes to run.
- We conducted our reproducibility analysis based on the paper and the outputs shared by the authors.
- **Verification Process and Data Handling:**
  - The reproducibility package relies on restricted data (available only from the authors).
  - The package was verified through virtual verification, as the reviewers did not have direct access to the original data. However, it includes synthetic data that mimics the structure of the original dataset. This artificial data is provided to demonstrate how the code works, and the resulting outputs differ from those presented in the paper.
  - *data\_hash\_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**

- **Data:** All 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.
- **Dependencies environment:** The reviewers reproduced an existing environment for dependencies using dependency files or an environment metadata file provided by the authors.

### *List of exhibits and reproducibility status*

#### **Results in the Main Section of the Paper**

- **Figure 1** Does not apply.
- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.

### *Reproduction Environment*

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

- OS: Windows 11 Enterprise
- Processor: 13th Gen Intel(R) Core(TM) i7-1365U 1.80GHz
- Memory available: 16.0 GB
- Software version: Stata 16.0 MP