



Minimum wage in Ukraine: Estimating the Impacts of Alternative Reform Options

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Vaishnavi Dhas

reproducibility@worldbank.org

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This review verifies the reproducibility of the exhibits included in the paper “*Minimum wage in Ukraine: Estimating the Impacts of Alternative Reform Options*”.

Contents in this review:

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

Main findings

- **Every exhibit of the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the user number in line 21 and working directory in line 25 of the do-file "Ukraine Minimum Wage Simulations Master", 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 15 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on May 6, 2026.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: restricted data.
 - Reviewers used restricted 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 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 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.** Compared against Kernel density figure Earnings 2.png in the Results folder.
- **Table 2 Reproduced.** Compared against Table 2 in 'Descriptive Statistics Tables 2 to 5.xlsx'.
- **Table 3 Reproduced.** Compared against Table 3 in 'Descriptive Statistics Tables 2 to 5.xlsx'.
- **Table 4 Reproduced.** Compared against Table 4 in 'Descriptive Statistics Tables 2 to 5.xlsx'.
- **Table 5 Reproduced.** Compared against Table 5 in 'Descriptive Statistics Tables 2 to 5.xlsx'.
- **Table 6 Reproduced.** Compared against Table_6.xlsx located in Results/Tables/Table 6.
- **Table 7 Reproduced.** Compared against Table_7.xlsx located in Results/Tables/Table 7.
- **Table 8 Reproduced.** Compared against Table_8.xlsx located in Results/Tables/Table 8.
- **Table 9 Reproduced.** Compared against Table_9.xlsx located in Results/Tables/Table 9.
- **Table 10 Reproduced.** Compared against Table_10.xlsx located in Results/Tables/Table 10.
- **Table 11 Reproduced.** Compared against Table_11.xlsx located in Results/Tables/Table 11.
- **Table 12 Reproduced.** Compared against Table_12.xlsx located in Results/Tables/Table 12.

Results in the Annex

- **Table 1 Reproduced.** Compared against Annex Table_1.xlsx located in Results/Tables/Annex Table 1.
- **Table 2 Reproduced.** Compared against Annex Table_2.xlsx located in Results/Tables/Annex Table 2.
- **Table 3 Reproduced.** Compared against Annex Table_3.xlsx located in Results/Tables/Annex Table 3.
- **Table 4 Reproduced.** Compared against Annex Table_4.xlsx located in Results/Tables/Annex Table 4.
- **Table 5 Reproduced.** Compared against Annex Table_5.xlsx located in Results/Tables/Annex Table 5.
- **Table 6 Reproduced.** Compared against Annex Table_6.xlsx located in Results/Tables/Annex Table 6.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Xeon(R) Gold 5218 CPU @ 2.30GHz (2.30 GHz) (2 processors)
- Memory available: 8.15 GB
- Software version: Stata 19.5 MP