Reproducible Research Repository

Jobless Development

First Submission: RR_WLD_2025_286

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This review verifies the reproducibility of the exhibits included in the paper *"Jobless Development"*.

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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 the main do-file.
- 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 in the package.
- **Reproducibility Summary**:
  - **Data**: All data is temporarily embargoed by the authors (expected to be made public in the future).
  - **Code**: All code files are temporarily embargoed by the authors (expected to be made public in this repository in the future).
  - **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 included in the public reproducibility package. The reviewers verified whether the publicly available data matches the datasets in the reproducibility package. They noted that, due to periodic updates in the data sources, the datasets no longer match. However, the code runs smoothly, and the results differ as expected.
  - **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** Results reproduced, but the figure includes manual changes from code output and is created in Excel.
- **Figure 2**Results reproduced, but the figure includes manual changes from code output and is created in Excel.
- **Figure 3** Results reproduced, but the figure includes manual changes from code output and is created in Excel.
- **Figure 4** Results reproduced, but the figure includes manual changes from code output and is created in Excel.
- **Table 1** Results reproduced, but the table includes manual changes from code output and is created in Excel.
- **Table 2** Results reproduced, but the table includes manual changes from code output and is created in Excel.
- **Table 3** Results reproduced, but the table includes manual changes from code output and is created in Excel.
- **Table 4** Results reproduced, but the table includes manual changes from code output and is created in Excel.
- **Table 5** Results reproduced, but the table includes manual changes from code output and is created in Excel.
- **Table 6** Results reproduced, but the table includes manual changes from code output and is created in Excel.

Reproduction Environment

- Paper exhibits were reproduced on a computer with the following specifications:
  - OS: Windows 10 Enterprise
  - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz 2.90 GHz (2 processors)
  - Memory available: 32.0 GB
  - Software version: Stata 18.0 MP