



The Lasting Effects of Working while in School: A Long-Term Follow-Up

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This review verifies the reproducibility of the exhibits included in the paper " *The Lasting Effects of Working while in School: A Long-Term Follow-Up*".

Contents in this review:

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

Main findings

- **Every exhibit has been reproduced accurately.**
- As the package relies on strictly confidential data, the replicators did not have direct access to the data. The verification was therefore conducted by running the code on the authors' computer on July 29, 2025. The process was executed on a clean environment, including the creation of an ado folder to manage dependencies. The verification steps were as follows:
 1. The authors updated the file paths in the main do-files and executed the full workflow (0_cleaning_master.do and 0_analysis_master.do).
 2. Note that the cleaning do-files contain personally identifiable information (PII); therefore, it is not included in the reproducibility package. Only the portion of the code that uses the cleaned data to generate the figures in the paper is provided. More details are included in the README file included the package.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 50 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by mail on July 29th.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on two types of data:
 1. **Accessible data** – Publicly available but not included directly in the reproducibility package.
 2. **Restricted data** – Contains personally identifiable information (PII) and is therefore not shared.

- The reviewers did not have access to any portion of the underlying data during the verification process.
- The file `data_hash_report.csv` provides the SHA256 hashes of all files in the data folder to support data integrity checks. Researchers who obtain access to the restricted data can use this file to verify that the dataset has not been altered.
- **Reproducibility Summary:**
 - **Data:** Data is restricted and has not been included in the reproducibility package. For more details, please refer to the README file.
 - **Code:** Some code files are restricted (details provided in the README file).
 - **Outputs:** All outputs are generated by code included in the reproducibility package.
 - **Reproducibility verification:** Reviewers verified the package via virtual verification and did not have access to the data.
 - **Dependencies environment:** The reviewers created a new environment for dependencies using the latest versions available for each dependency at the moment of the review in the author's computer.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Table 1** Reproduced.
- **Table 2** Reproduced.

For the Appendix, we did not review every exhibit. Instead, we randomly selected 10 exhibits from the remaining datasets to assess the appendix. Our review was based on those 10 exhibits. Since they were chosen randomly, we are operating under the assumption that if all randomly selected exhibits are reproducible, then the rest should be as well. The seed used to generate the random selection was 5689342, the Stata version used was 18, and the exhibits selected were: 1 (Table A1), 2 (Table A2), 3 (Table A3), 4 (Table A4), 5 (Table A5), 7 (Table A7), 8 (figure A1), 11 (Table A9), 12 (Table A10), 13 (Table 11).

Results in the Annex

- **Table A1** Reproduced.
- **Table A2** Reproduced.
- **Table A3** Reproduced.
- **Table A4** Reproduced.
- **Table A5** Reproduced.

- **Table A7** Reproduced.
- **Figure A1** Reproduced.
- **Table A9** Reproduced.
- **Table A10** Reproduced.
- **Table A11** Reproduced.

Reproduction Environment

- Paper exhibits were reproduced in a computer with the following specifications:
 - OS: Windows 11 Enterprise
 - Memory available: 32 GB
 - Software version: Stata version 18 MP