



## *Preparatory School Years and Maternal Employment in Romania*

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This review verifies the reproducibility of the exhibits included in the paper “*Preparatory School Years and Maternal Employment in Romania*”.

### **Contents in this review:**

1. Main findings
2. Reproducibility assessment
3. List of exhibits and reproducibility status

### *Main findings*

- The code used restricted data that could not be shared with the reviewers. The review took place virtually and the reviewers verified that the code ran on the computer of one of the authors.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results, as demonstrated by the lack of change between one run and the next in the GitHub repository the authors shared.
- The code takes approximately 3 hours to run.
- Every exhibit has been reproduced accurately.

### *Reproducibility assessment*

- The data utilized in this research paper was subject to restrictions, preventing it from being shared directly with the verification team. To ensure reproducibility of the findings presented in the main section of the paper, we conducted two virtual verification sessions on December 4th and 5th, 2023.
- The code was reproduced in a computer with the following specifications:
  - OS: Microsoft Windows Server 2019 Standard 10
  - Processor: Intel(R) Xeon(R) CPU @ 2.20GHz, 16 Core(s)
  - Memory available: 15.7 GB
  - Software version: Stata version 12
- During these sessions, one of the paper’s authors executed the code on their computer. Given that the code requires approximately two to three hours to complete its run, direct observation of the entire process was not feasible. Instead, following the execution, we provided the verification team with access to our GitHub Repository along with detailed logs. This allowed the verifiers to effectively compare and cross-reference the results generated by the code with those exhibited in the paper.

*List of exhibits and reproducibility status***Results in the Main Section of the Paper**

- **Figure 1** Does not show analysis results.
- **Table 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Table 2** Reproduced. Minor difference in Logit Standard error code: 0.00906 vs paper: 0.00905, but this does not compromise reproducibility.
- **Table 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.
- **Table 7** Reproduced.

**Results in the Annex**

- **Table A1** Reproduced.
- **Figure A1** Reproduced.
- **Figure A2** Reproduced.
- **Table A2** Reproduced.
- **Table A3** Reproduced.
- **Table A4** Reproduced.
- **Table A5** Reproduced.
- **Figure A3** Reproduced.
- **Table A6** Reproduced.
- **Figure A4** Reproduced.
- **Table B1** Reproduced.
- **Table B2** Reproduced.

- Table B3 Reproduced.
- Table B4 Reproduced.
- Table B5 Reproduced.
- Table B6 Reproduced.
- Table B7 Reproduced.
- Table B8 Reproduced.
- Table B9 Reproduced.
- Table B10 Reproduced.
- Table B11 Reproduced.