

Replication Files for “The Long-Term Impacts of Low-Achieving Childhood Peers: Evidence from Project STAR” by Jan Bietenbeck

This document briefly describes the steps necessary to replicate the figures and tables in the published paper and in Online Appendix C using the included data files and programs.

Data sources

The empirical analysis is based on the Project STAR public use file, which is available at the Harvard Dataverse (Achilles et al., 2008). The dataset “STAR_students.dta” included in this replication archive is taken from this public use file.¹ Please refer to Section 2 and Online Appendix B for a detailed description of the relevant variables in this dataset.

Replication files

All analyses were conducted using Stata version 14.2. Instructions for replication:

- The dataset “STAR_students.dta” contains the original data.
- The “master.do” do-file reproduces all results contained in the paper and in Online Appendix C. At the top of this file, please set the working directory to the directory in which the replication files are stored on your computer.
- The “master.do” do-file first calls “clean_data.do”, which creates the variables used in the later regression analyses. The cleaned data are saved as “STAR_students_clean.dta”.
- The “master.do” do-file then calls a series of other do-files which reproduce the results in the paper; in particular, “figure1.do” reproduces the results in Figure 1, “table1.do” reproduces the results in Table 1, and so on and so forth.
- For convenience, “master.do” saves all the output in the log-file “Bietenbeck_results.txt”.

References

Achilles, C.M., Helen Pate Bain, Fred Bellott, Jayne Boyd-Zaharias, Jeremy Finn, John Folger, John Johnston, and Elizabeth Word (2008). “Tennessee's Student Teacher Achievement Ratio

1 Diane Whitmore Schanzenbach made a slightly different version of the same public use file available to me. As described in Online Appendix B, the main difference in her version is that it also contains CTBS scores for students who were not on grade level. These additional test scores are included in the file provided here.

(STAR) project”, <https://hdl.handle.net/1902.1/10766>, Harvard Dataverse, V1,
UNF:3:Ji2Q+9HCCZAbw3csOdMNdA== [fileUNF]