Does evaluation change teacher effort and performance? Quasi-experimental evidence from a policy of retesting students

Notes on Data and Programs

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All data used in this paper were provided to the authors by the North Carolina Education Research Data Archive (NCERDC) at Duke University. Under the terms of our agreement with Duke, we cannot ourselves provide the data to anyone. However, the data are readily available to interested researchers who contact the NCERDC. The NCERDC's website provides helpful information on getting started: https://childandfamilypolicy.duke.edu/research/nc-education-data-center/.

The Stata code file `evaluation-effort-prepare-data.do` creates the paper's main analysis data file.

The inputs for `evaluation-effort-prepare-data.do` are several NCERDC-provided files. (i) Test score data, with file names of the form `eog`g'pub`y'.dta` or `curtest_pub`y'.dta`, where `` `y' `` indexes years and `` `g' `` indexes grade levels (in some years). (ii) Other student characteristics, with file names of the form `accdemopub`y'.dta`, `accdemo_pub`y'.dta`, `mb_`y'_pub.dta`, or `pcaudit_pub`y'.dta`. (iii) Student-teacher linking class rosters, with file names of the form `crs_memb_pub`y'.dta`. Note that the NCERDC provides files in SAS format. We converted SAS .sas7bdat files to Stata .dta files using StatTransfer.

`evaluation-effort-prepare-data.do` also uses a file we created call `proficiency-cut-scores.dta`, which is provided in the .zip archive. This file lists the min and max scores which define each proficiency category or "level." On the topic of proficiency levels, see footnote 21 in the paper; the `proficiency-cut-scores.dta` file contains both four-level and five-level versions for 2014-2016.

The Stata code file `evaluation-effort-analysis.do` creates the paper's figures, tables, and other estimates.