

In a Small Moment: Class Size and Moral Hazard in the Italian Mezzogiorno

by Josh Angrist, Erich Battistin and Daniela Vuri

Standardized test score data used in this study come from INVALSI's testing program in Italian elementary schools for the school years 2009/10, 2010/11 and 2011/12. See www.invalsi.it (in Italian) for a description of the *Servizio Nazionale di Valutazione* (SNV) data. Student and school records were linked to restricted administrative data from the Italian Ministry of Education (MIUR). The dataset **smallmo.dta** (Stata 11.2) enclosed here is limited to the variables used in the analysis, with anonymized school and class identifiers. SNV data, without linked information from MIUR, can be requested at www.invalsi.it.

Stata codes to replicate tables and figures are in the zipped folder **programs_archive.zip**. A short description for each file is provided below. Stata codes are commented, and make explicit reference to the relevant table or figure.

- The file **dofile_publication.do** replicates **all tables** in the manuscript, including the Appendix. It calls the external files **balancing.do** and **sorting.do**.
- **Figure 1** is a map obtained from the score manipulation dummies (`our_CHEAT_math` and `our_CHEAT_ital`).
- **Figure 2** and **Figure 3** are obtained by collapsing raw (`clsize_snv`) and predicted (`clsize_hat`) class size to the grade enrolment (`students`) level.
- The file **graphs_RD_classsize.do** replicates **Figure 4** (it calls the external file **rd_optimal_bwidth.ado**, which is included in the zip folder).
- The file **graphs_RD_score_and_cheat.do** replicates **Figure 5** and **Figure 6**.
- The file **score_gradient.do** replicates **Figure 7**. Item level data used to obtain this figure are in the file **smallmo_item.dta** (Stata 11.2).