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Replication Data for: "Estimating the Technology of Children's Skill Formation,"
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We name the do-files (the first number at the beginning of the file name) to reflect the sequence in which they need to be executed.

The files for running the empirical analysis can be found in "replication_package_JPE\stata_code". This part of the analysis was performed using Stata (version 12).

The file "0a.master_estimation.do" executes the model's estimation. The file "data_prep.do" is run within "0a.master_estimation.do" and cleans the original NLSY-C data. The final data used for the estimation is named "original_data.dta". The file '0b.master_estimation_generalized.do' replicates the estimation algorithm from '0a.master_estimation.do' with a generalized approach that averages the estimates across the three domains of the PIAT score as a robustness analysis. In addition, the do-file generates the following tables and figures:

Table 1
Appendix Tables B8-B10
Appendix Figures F1-F4

The file "1.do_counterfactuals" collects the estimates generated from "0.master_estimation.do" and executes the counterfactual analysis. In addition, this do-file replicates the following Tables and Figures:

Tables 3-4
Figures 1-10
Appendix Figures B1-B2

The files "2.master_CHSsample" and "3.master_new_controls" re-run the estimation algorithm with either different samples (as in Cunha, Heckman, and Schennach, 2010) or with additional controls, respectively. The results are saved and then used in "4.do_additional_figures_tables" to generate the tables.

The file "4.do_additional_figures_tables" collects the results generated in the previous do-files and creates the remaining tables and figures based on the estimation and counterfactual results.

Table 2
Appendix tables B1-B4 and B11-B12 Appendix tables C1-C3

The file "5.do_MC_tablesE1_E3" executes a Monte Carlo exercise of our model based on our estimates. It then creates Appendix Tables E1-E3.