

Extensions Write Up

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1 Write Up

Using the data from Muralidharan, et al in "Disrupting Education? Experimental Evidence on Technology-Aided Instruction in India," I estimated whether the ITT effects of the MindSpark program vary across schools. The children in the sample come from 5 different schools in low-income areas in Delhi. I used the same test the authors used when testing heterogeneity between gender, initial test score, or socio-economic status. None of those characteristics caused the results to vary. Similarly, the results do not vary by the school the child belongs to, thus there is not heterogeneity by school. The below table describes the effects of the treatment indicator, the school, and an interaction between the school and the treatment indicator. The coefficient on treatment alone is statistically significant, but combined with the school id is not.

VARIABLES	(1)	(2)
	Endline math score	Endline Hindi score
Treatment	0.24 (0.12)	0.087 (0.090)
School ID	0.056 (0.046)	-0.031 (0.087)
Treatment * School ID	0.047 (0.043)	0.055 (0.026)
Baseline math score	0.57 (0.048)	
Baseline Hindi score		0.69 (0.033)
Constant	0.16 (0.14)	0.25 (0.26)
Observations	528	530
R-squared	0.396	0.473
Number of strata	19	19

Robust standard errors in parentheses