Reducing student absences at scale by targeting parents' misbeliefs
Supplemental Analyses
May 30, 2019

A) Average treatment effect by level of pre-treatment absences

Supplemental analyses show a directional, but non-significant, difference in average (pooled) treatment effect by tercile of pre-treatment absences, defined as the total number of absences prior to the first mailing round (10/11/14).

Marginal effects of treatment on absences, by tercile of pre-treatment absences

	N	# pre-treat absences	Marginal effect of pooled treatment [SE]
Bottom tercile	13,409	0 days	-0.75 [0.23]
Middle tercile	7,072	1 day	-0.77 [0.32]
Highest tercile	7,599	2 to 22 days	-1.29 [0.31]

B) Average treatment effect by school level

We find no significant difference in the effect of pooled treatment by school level (elementary, middle, high school).

Marginal effects of treatment on absences, by school level

	N	Grade levels	Marginal effect of pooled treatment [SE]
Elementary school	15,648	1-6	-1.03 [0.21]
Middle school	4,114	7-8	-1.05 [0.40]
High school	8,318	9-12	-0.73 [0.28]