

Fig. S1. The simple effects of treatment density in Study 1 are nearly the same whether or not the slopes are adjusted for additional covariates used in the full model (i.e., contrasts for race, gender, treatment condition and their two-way interactions). The left panel displays raw data and does not adjust the slopes associated with treatment density for the covariates beyond baseline grade. The right panel displays slopes that are adjusted for covariates. Figure 2 of the main text overlaid the covariate-adjusted slopes from the right panel on the scatterplot from left panel to create a more informative plot. In the raw plot the simple effect of treatment density is $\gamma = 0.41$, 95% CI = [0.21, 0.60], $t(43) = 4.21$, for students with low baseline grades and $\gamma = 0.12$, 95% CI = [-0.07, 0.31], $t(43) = 1.23$, for students with high baseline grades. In the covariate-adjusted plot, the simple effect of treatment density is $\gamma = 0.36$, 95% CI = [0.16, 0.56], $t(43) = 3.69$, for students with low baseline grades and $\gamma = 0.08$, 95% CI = [-0.11, 0.27], $t(43) = 0.81$, for students with high baseline grades.

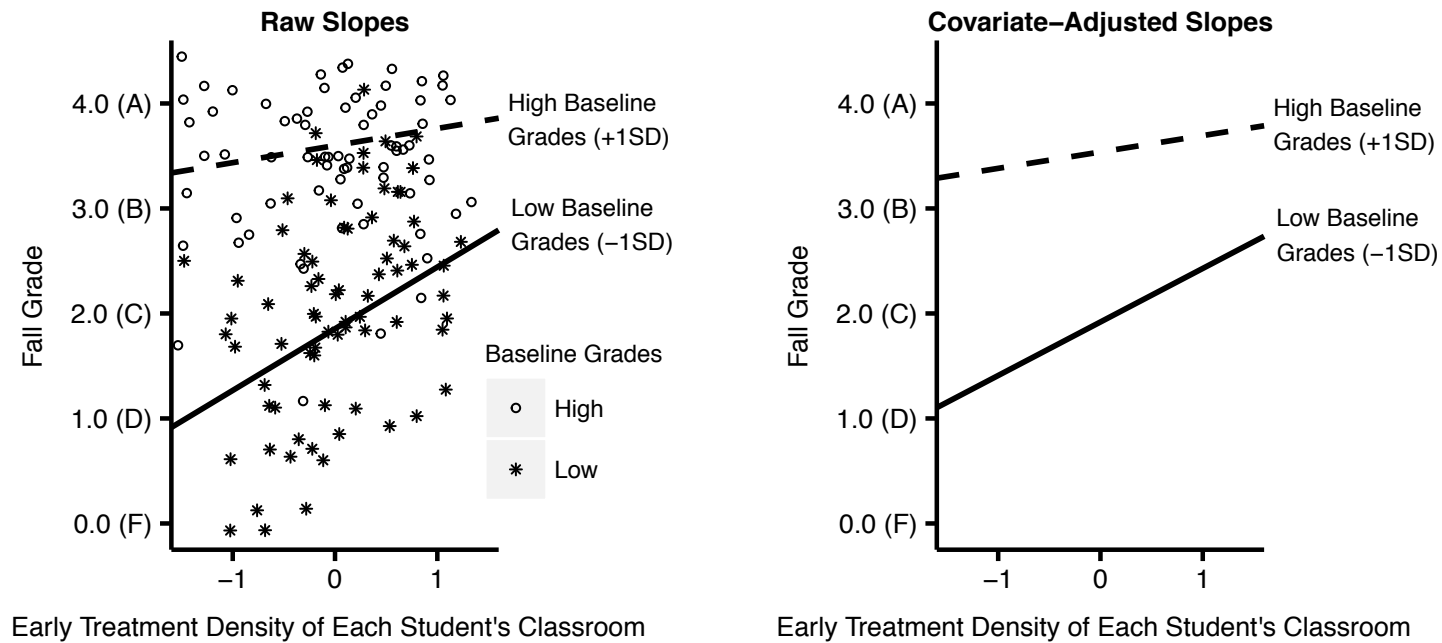


Fig. S2. The simple effects of early treatment density in Study 2 are nearly the same whether or not the slopes are adjusted for additional covariates used in the full model (i.e., contrasts for race, gender, treatment condition and the two-way interactions of race and condition contrasts). The left panel displays raw data and does not adjust the slopes associated with early treatment density for the covariates beyond baseline grade. The right panel displays slopes that are adjusted for covariates. Figure 3 of the main text overlaid the covariate-adjusted slopes from the right panel on the scatterplot from left panel to create a more informative plot. In the raw plot the simple effect of early treatment density is $\gamma = 0.59$, 95% CI = [0.29, 0.88], $t(13) = 4.33$, for students with low baseline grades and $\gamma = 0.16$, 95% CI = [-0.12, 0.45], $t(13) = 1.23$, for students with high baseline grades. In the covariate-adjusted plot, the simple effect of early treatment density is $\gamma = 0.51$, 95% CI = [0.20, 0.82], $t(13) = 3.60$, for students with low baseline grades and $\gamma = 0.16$, 95% CI = [-0.14, 0.45], $t(13) = 1.13$, for students with high baseline grades.