Table 6B. Results from structural equation models for students ever suspended.

Independent variable		Model 1b beta (s.e.)	Model 2b beta (s.e.)
		Dependent variable I: suspension days	
Suspension days	6th->7th	0.384*** (0.004)	0.264*** (0.011)
	7th->8th	0.314*** (0.003)	0.279*** (0.008)
ELA score	6th->7th	-0.220*** (0.024)	-0.196*** (0.026)
	7th->8th	-0.257*** (0.025)	-0.260*** (0.029)
Math score	6th->7th	-0.203*** (0.022)	-0.208*** (0.025)
	7th->8th	-0.241*** (0.024)	-0.271*** (0.027)
ELA score × Suspension days	6th->7th		-0.014* (0.006)
	7th->8th		0.001 (0.004)
Math score × Suspension days	6th->7th		0.001 (0.006)
	7th->8th		0.009* (0.004)
Staying the same school (1 = Yes)	7th	-0.240*** (0.030)	-0.245*** (0.030)
	8th	-0.201*** (0.044)	-0.208*** (0.043)
Female (1 = Yes)	7th	-0.305*** (0.033)	-0.286*** (0.036)
	8th	-0.202*** (0.034)	-0.055 (0.039)
Female × Suspension days	7th		-0.014 (0.010)
	8th		-0.057*** (0.007)
Black American (1 = Yes)	7th	0.776*** (0.040)	0.703*** (0.045)
	8th	0.401*** (0.042)	0.237*** (0.049)
Black American × Suspension days	7th		0.038*** (0.010)
	8th		0.052*** (0.007)
Latino (1 = Yes)	7th	0.013	-0.015

		(0.065)	(0.069)
	8th	0.026 (0.070)	-0.005 (0.075)
Latino × Suspension days	7th		0.023 (0.015)
	8th		0.014 (0.011)
American Indian (1 = Yes)	7th	-0.302 (0.283)	0.290 (0.326)
	8th	-0.105 (0.299)	0.006 (0.355)
American Indian × Suspension days	7th		-0.319*** (0.089)
	8th		-0.031 (0.075)
Asian American (1 = Yes)	7th	-0.951*** (0.200)	-0.604** (0.218)
	8th	-0.816*** (0.212)	-0.428 (0.235)
Asian American × Suspension days	7th		-0.289*** (0.075)
	8th		-0.182** (0.061)
Other race (1 = Yes)	7th	0.335*** (0.064)	0.204** (0.072)
	8th	0.156* (0.068)	-0.088 (0.078)
Other race × Suspension days	7th		0.074*** (0.017)
	8th		0.087*** (0.013)
Free and reduced-lunch plan (1 = Yes)	7th	0.727*** (0.034)	0.575*** (0.038)
	8th	0.647*** (0.036)	0.554*** (0.041)
Free and reduced-lunch plan × Suspension days	7th		0.115*** (0.011)
	8th		0.043*** (0.009)
Limited English proficiency (1 = Yes)	7th	-0.199* (0.084)	-0.189* (0.084)
	8th	-0.322*** (0.087)	-0.320*** (0.087)
Special education (1 = Yes)	7th	-0.012 (0.044)	-0.011 (0.044)

	8th	-0.008 (0.046)	-0.009 (0.046)
Charter school (1 = Yes)	7th	-0.186* (0.078)	-0.170* (0.078)
	8th	-0.349*** (0.080)	-0.341*** (0.080)
Magnet school (1 = Yes)	7th	-0.323** (0.104)	-0.316** (0.104)
	8th	-0.700*** (0.114)	-0.686*** (0.114)
Catholic school (1 = Yes)	7th	-2.206*** (0.318)	-2.188*** (0.317)
	8th	-2.412*** (0.312)	-2.395*** (0.312)
Other private school (1 = Yes)	7th	-1.687*** (0.346)	-1.638*** (0.346)
	8th	-2.204*** (0.309)	-2.211*** (0.309)
Other public school (1 = Yes)	7th	1.278*** (0.284)	1.262*** (0.284)
	8th	0.572* (0.277)	0.542* (0.277)
School total enrollment (in 1,000 students)	7th	0.798*** (0.046)	0.804*** (0.046)
	8th	0.602*** (0.044)	0.607*** (0.044)
Constant	7th	0.853*** (0.048)	0.991*** (0.050)
	8th	1.245*** (0.060)	1.303*** (0.062)
Independent variable		Dependent variable II: ELA score	
ELA score	6th->7th	0.569*** (0.003)	0.574*** (0.003)
	7th->8th	0.484*** (0.003)	0.501*** (0.004)
Math score	6th->7th	0.165*** (0.003)	0.165*** (0.003)
	7th->8th	0.180*** (0.003)	0.180*** (0.003)
Suspension days	6th->7th	-0.002*** (0.001)	-0.004** (0.001)
	7th->8th	-0.005*** (0.000)	-0.010*** (0.001)
ELA score × Suspension days	6th->7th		-0.003*** (0.001)

	7th->8th		-0.006*** (0.000)
Staying the same school (1 = Yes)	7th	0.078*** (0.004)	0.078*** (0.004)
	8th	0.057*** (0.006)	0.056*** (0.006)
Female (1 = Yes)	7th	0.066*** (0.004)	0.061*** (0.005)
	8th	0.107*** (0.004)	0.109*** (0.005)
Female × Suspension days	7th		0.003** (0.001)
	8th		-0.001 (0.001)
Black American (1 = Yes)	7th	-0.036*** (0.005)	-0.031*** (0.006)
	8th	-0.031*** (0.005)	-0.028*** (0.006)
Black American × Suspension days	7th		-0.002 (0.001)
	8th		-0.001 (0.001)
Latino (1 = Yes)	7th	0.015 (0.008)	0.018* (0.009)
	8th	0.026** (0.009)	0.027** (0.010)
Latino × Suspension days	7th		-0.002 (0.002)
	8th		-0.001 (0.001)
American Indian (1 = Yes)	7th	-0.017 (0.036)	-0.002 (0.042)
	8th	-0.106** (0.039)	-0.036 (0.046)
American Indian × Suspension days	7th		-0.008 (0.011)
	8th		-0.028** (0.010)
Asian American (1 = Yes)	7th	0.080** (0.026)	0.067* (0.028)
	8th	0.081** (0.028)	0.066* (0.031)
Asian American × Suspension days	7th		0.011 (0.010)
	8th		0.005

			(0.008)
Other race (1 = Yes)	7th	0.011 (0.008)	0.014 (0.009)
	8th	0.019 (0.009)	0.030** (0.010)
Other race × Suspension days	7th		-0.001 (0.002)
	8th		-0.004* (0.002)
Free and reduced-lunch plan (1 = Yes)	7th	-0.078*** (0.004)	-0.077*** (0.005)
	8th	-0.091*** (0.005)	-0.091*** (0.005)
Free and reduced-lunch plan × Suspension days	7th		-0.000 (0.001)
	8th		0.001 (0.001)
Limited English proficiency (1 = Yes)	7th	-0.022* (0.011)	-0.021* (0.011)
	8th	-0.073*** (0.011)	-0.071*** (0.011)
Special education (1 = Yes)	7th	-0.163*** (0.006)	-0.163*** (0.006)
	8th	-0.238*** (0.006)	-0.237*** (0.006)
Charter school (1 = Yes)	7th	0.016 (0.010)	0.016 (0.010)
	8th	0.047*** (0.011)	0.049*** (0.011)
Magnet school (1 = Yes)	7th	-0.121*** (0.013)	-0.121*** (0.014)
	8th	-0.071*** (0.015)	-0.071*** (0.015)
Catholic school (1 = Yes)	7th	0.094* (0.041)	0.095* (0.041)
	8th	0.114** (0.041)	0.114** (0.041)
Other private school (1 = Yes)	7th	-0.004 (0.045)	-0.005 (0.045)
	8th	-0.063 (0.040)	-0.061*** (0.040)
Other public school (1 = Yes)	7th	-0.166*** (0.037)	-0.170*** (0.037)
	8th	-0.126*** (0.036)	-0.134*** (0.036)

School total enrollment (in 1,000 students)	7th	-0.008 (0.006)	-0.008 (0.006)
	8th	-0.025*** (0.006)	-0.026*** (0.006)
Constant	7th	-0.099*** (0.006)	-0.096*** (0.006)
	8th	-0.132*** (0.008)	-0.124*** (0.008)
Independent variable		Dependent variable III: math score	
ELA score	6th->7th	0.193*** (0.003)	0.193*** (0.003)
	7th->8th	0.135*** (0.004)	0.134*** (0.004)
Math score	6th->7th	0.604*** (0.003)	0.608*** (0.003)
	7th->8th	0.580*** (0.003)	0.602*** (0.004)
Suspension days	6th->7th	-0.002*** (0.001)	-0.002 (0.001)
	7th->8th	-0.007*** (0.000)	-0.013*** (0.001)
Math score × Suspension days	6th->7th		-0.002*** (0.001)
	7th->8th		-0.007*** (0.000)
Staying the same school (1 = Yes)	7th	0.068*** (0.004)	0.068*** (0.004)
	8th	0.074*** (0.006)	0.073*** (0.006)
Female (1 = Yes)	7th	-0.079*** (0.004)	-0.079*** (0.005)
	8th	-0.069*** (0.005)	-0.060*** (0.005)
Female × Suspension days	7th		-0.000 (0.001)
	8th		-0.003** (0.001)
Black American (1 = Yes)	7th	-0.088*** (0.005)	-0.087*** (0.006)
	8th	-0.091*** (0.006)	-0.084*** (0.007)
Black American × Suspension days	7th		-0.001 (0.001)
	8th		-0.002 (0.001)
Latino (1 = Yes)	7th	-0.025**	-0.024**

		(0.008)	(0.009)
	8th	0.008 (0.010)	0.013 (0.010)
Latino × Suspension days	7th		-0.000 (0.002)
	8th		-0.001 (0.002)
American Indian (1 = Yes)	7th	-0.023 (0.037)	-0.041 (0.042)
	8th	-0.017 (0.041)	0.037 (0.049)
American Indian × Suspension days	7th		0.009 (0.011)
	8th		-0.022* (0.010)
Asian American (1 = Yes)	7th	0.157*** (0.026)	0.156*** (0.028)
	8th	0.184*** (0.029)	0.179*** (0.032)
Asian American × Suspension days	7th		-0.002 (0.010)
	8th		-0.000 (0.008)
Other race (1 = Yes)	7th	-0.020* (0.008)	-0.014 (0.010)
	8th	-0.036*** (0.009)	-0.034** (0.011)
Other race × Suspension days	7th		-0.003 (0.002)
	8th		-0.001 (0.002)
Free and reduced-lunch plan (1 = Yes)	7th	-0.064*** (0.004)	-0.059*** (0.005)
	8th	-0.075*** (0.005)	-0.075*** (0.006)
Free and reduced-lunch plan × Suspension days	7th		-0.003* (0.001)
	8th		0.001 (0.001)
Limited English proficiency (1 = Yes)	7th	0.031** (0.011)	0.031** (0.011)
	8th	-0.062*** (0.012)	-0.062** (0.012)
Special education (1 = Yes)	7th	-0.035*** (0.006)	-0.035*** (0.006)

	8th	-0.177*** (0.006)	-0.176*** (0.006)
Charter school (1 = Yes)	7th	0.004 (0.010)	0.004 (0.010)
	8th	-0.008 (0.011)	-0.005 (0.011)
Magnet school (1 = Yes)	7th	-0.104*** (0.013)	-0.103*** (0.013)
	8th	-0.106*** (0.016)	-0.107*** (0.016)
Catholic school (1 = Yes)	7th	-0.029 (0.040)	-0.028 (0.041)
	8th	-0.077 (0.043)	-0.076 (0.043)
Other private school (1 = Yes)	7th	-0.148*** (0.045)	-0.149** (0.045)
	8th	-0.203*** (0.043)	-0.204*** (0.043)
Other public school (1 = Yes)	7th	-0.173*** (0.037)	-0.174*** (0.037)
	8th	-0.174*** (0.038)	-0.188*** (0.038)
School total enrollment (in 1,000 students)	7th	0.004 (0.006)	0.004 (0.006)
	8th	-0.017** (0.006)	-0.018** (0.006)
Constant	7th	-0.019*** (0.006)	-0.022*** (0.006)
	8th	-0.046*** (0.008)	-0.038*** (0.009)
N		95,738	95,738
Chi2	Value	72216.64	279749.06
	df	75	133
RMSEA		0.076	0.063
SRMR		0.040	0.021
CFI		0.908	0.925
TLI		0.902	0.933
AIC		568974.5	6176131
BIC		570167.6	6177798

Note. "6th->7th" means independent variable was measured in the 6th grade and dependent variable was measured in the 7th grade. "7th->8th" means independent variable was measured in the 7th grade and dependent variable was measured in the 8th grade. "7th" alone means both independent variable and dependent variable were measured in the 7th grade. "8th" alone means both independent variable and dependent variable were measured in the 8th grade.
*** $p < .001$; ** $p < .01$; * $p < .05$; df, degrees of freedom.