Table 6A. Results from structural equation models (with school mobility).

		Model 1	Model 2
Independent variable		beta (s.e.)	beta (s.e.)
		Dependent variable I: s	suspension days
	6th >7th	0.535***	0.416***
Suspension days	om->/m	(0.002)	(0.005)
Suspension days	7th Sth	0.442***	0.424***
	/tii-/6tii	(0.001)	(0.004)
	6th->7th	-0.095***	-0.094***
ELA score	oui->/tii	(0.005)	(0.005)
LLA SCOIC	7th-\Sth	-0.109***	-0.107***
	/tii-/6tii	(0.006)	(0.006)
	6th->7th	-0.109***	-0.114***
Math score	oth->/th	(0.005)	(0.005)
Wath score	7th-\Sth	-0.130***	-0.143***
	/ 111-/011	(0.006)	(0.006)
	6th->7th		-0.007**
ELA score × Suspension days	oth->/th		(0.003)
LLA score × Suspension days	7th-\Sth		-0.002
	7th >0th		(0.002)
	6th->7th		0.006*
Math score × Suspension days	oth->/th		(0.003)
What see > Suspension days	7th->8th		0.017***
	7th >0th		(0.002)
	7th	-0.084***	-0.086***
Staying the same school $(1 = Yes)$, 411	(0.007)	(0.007)
staying the same sensor (1 = 1 es)	8th	-0.230***	-0.233***
	Oth	(0.013)	(0.013)
	7th	-0.224***	-0.231***
Female (1 = Yes)	, 411	(0.007)	(0.007)
	8th	-0.220***	-0.210***
	6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 7th->8th 7th 8th 7th 8th 7th 8th 7th 8th 7th 8th 7th 8th 7th	(0.008)	(0.008)
	7th		0.007
Female × Suspension days	, 021		(0.005)
a control of the property of t	8th		-0.024***
			(0.003)
	7th	0.689***	0.668***
Black American (1 = Yes)	, ===	(0.013)	(0.013)
	, ,	0.506***	0.478***
		(0.013)	(0.014)
	7th		0.023***
Black American × Suspension days			(0.004)
· ·	8th		0.026***
		0.007	(0.003)
Latino (1 = Yes)	7th	0.025	0.026

		(0.016)	(0.016)
	8th	0.047**	0.043*
		(0.017)	(0.017)
		(0.017)	0.011
	7th		(0.007)
Latino × Suspension days			0.010
	8th		(0.005)
		-0.171*	-0.050
	7th	(0.072)	(0.075)
American Indian (1 = Yes)		-0.106	-0.096
	8th	(0.076)	(0.079)
		(0.0, 0)	-0.227***
	7th		(0.040)
American Indian × Suspension days	0.1		0.011
	8th		(0.032)
	7.1	-0.305***	-0.252***
	7th	(0.033)	(0.033)
Asian American $(1 = Yes)$	0.1	-0.232***	-0.155***
	8th	(0.035)	(0.035)
		/	-0.279***
	7th		(0.034)
Asian American × Suspension days	0.1		-0.186***
	8th		(0.027)
	7.1	0.215***	0.177***
	7th	(0.018)	(0.018)
Other race $(1 = Yes)$	0.1	0.171***	0.111***
	8th	(0.019)	(0.019)
	7.1	,	0.073***
	7th		(0.008)
Other race × Suspension days	0.1		0.069***
	8th		(0.006)
	7.1	0.344***	0.311***
Francisco de la describación de la Maria	7th	(0.008)	(0.008)
Free and reduced-lunch plan $(1 = Yes)$	041.	0.314***	0.301***
	8th	(0.008)	(0.009)
	7+h		0.128***
Free and reduced-lunch plan ×	7th		(0.005)
Suspension days	O+la		0.029***
- ,	8th		(0.004)
	746	-0.139***	-0.135***
Limited English profisionsy (1 – Vas)	7th	(0.021)	(0.021)
Limited English proficiency (1 = Yes)	041-	-0.173***	-0.171***
	8th	(0.021)	(0.021)
Special advection (1 – Vec)	7th	0.060***	0.061***
Special education $(1 = Yes)$	7th	(0.013)	(0.013)

		0.087***	0.088***
	8th	(0.013)	(0.013)
		-0.015	-0.011
~	7th	(0.025)	(0.025)
Charter school $(1 = Yes)$	0.1	-0.087***	-0.092***
	8th	(0.026)	(0.026)
	7.1.	-0.061	-0.060
Magnet school (1 Ves)	/tn	(0.033)	(0.033)
Magnet school $(1 = Yes)$	Qth	-0.245***	-0.244***
	oui	(0.036)	(0.036)
	7th	-0.100***	-0.111***
Catholic school (1 = Yes)	/ til	(0.017)	(0.017)
Catholic school (1 = 1cs)	8th	-0.155***	-0.157***
	Oth	(0.018)	(0.018)
	7th	-0.134***	-0.145***
Other private school $(1 = Yes)$	/ tii	(0.027)	(0.027)
other private sensor (1 = 168)	8th	-0.219***	-0.222***
	1	(0.028)	(0.028)
	7th	1.147***	1.110***
Other public school $(1 = Yes)$		(0.125)	(0.125)
	,	0.692***	0.685***
		(0.121)	(0.121)
	7th	0.214***	0.214***
School total enrollment (in 1,000		(0.011)	(0.011)
students)	8th	0.159***	0.161***
		(0.011)	(0.011)
	7th	0.197***	0.222***
Constant		(0.011)	(0.011)
	8th	0.445***	0.452***
To de non-deut our Selela		(0.017)	(0.017)
Independent variable		Dependent variable II: I 0.538***	0.540***
	6th->7th		
ELA score			
	7th (0 8th (0 7th (0		
			,
	6th->7th		
Math score			
	7th-> 8 th		
			,
	6th->7th		
Suspension days		`	` /
	7th->8th		
		(3.000)	
ELA score × Suspension days	6th-> 7 th		
Math score	7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 7th->8th	(0.001) 0.524*** (0.001) 0.229*** (0.001) 0.237*** (0.001) -0.008*** (0.000) -0.009*** (0.000)	(0.001) 0.530*** (0.001) 0.229*** (0.001) 0.236*** (0.001) -0.016*** (0.001) -0.022*** (0.001) -0.005*** (0.001)

			-0.011***
	7th-> 8 th		(0.000)
	5.1	0.064***	0.064***
	7th	(0.002)	(0.002)
Staying the same school $(1 = Yes)$	0.1	0.057***	0.055***
	8th	(0.003)	(0.003)
		0.111***	0.111***
	7th	(0.002)	(0.002)
Female (1 = Yes)		0.144***	0.144***
	8th	(0.002)	(0.002)
			-0.001
	7th		(0.001)
Female × Suspension days			-0.004***
	8th		(0.001)
		-0.049***	-0.050***
	7th	(0.003)	(0.003)
Black American (1 = Yes)		-0.048***	-0.051***
	8th	(0.003)	(0.003)
			0.002
	7th		(0.001)
Black American × Suspension days	8th		0.003***
			(0.001)
		0.002	0.002
	7th	(0.004)	(0.004)
Latino (1 = Yes)		-0.005	-0.005
	8th	(0.004)	(0.004)
		(0.001)	0.002
	7th		(0.002)
Latino × Suspension days			0.002
	8th		(0.001)
		-0.010	-0.006
	7th	(0.018)	(0.019)
American Indian (1 = Yes)	0.1	-0.030	-0.011
	8th	(0.019)	(0.019)
	7.1		-0.009
	7th		(0.010)
American Indian × Suspension days	0.1		-0.031***
	8th		(0.008)
	741-	0.063***	0.061***
Asian American (1 Van)	7th	(0.008)	(0.008)
Asian American $(1 = Yes)$	0+h	0.075***	0.069***
	8th	(0.009)	(0.009)
	7+h		0.010
Asian American × Suspension days	days 7th		(0.009)
	8th		0.002

			(0.007)
		0.008	0.009
	7th	(0.004)	(0.005)
Other race $(1 = Yes)$		0.006	0.010*
	7th	(0.005)	(0.005)
	1	(01000)	0.000
	/th		(0.002)
Other race × Suspension days	0.1		-0.002
	8th		(0.001)
	7.1.	-0.092***	-0.092***
	/tn	(0.002)	(0.002)
Free and reduced-lunch plan $(1 = Yes)$	0.1	-0.102***	-0.101***
	8th	(0.002)	(0.002)
	7.1		0.004**
Free and reduced-lunch plan ×	7th		(0.001)
Suspension days	0.1		0.005***
	7th (0 8th (0 7th (1) 8th (1)		(0.001)
	7.1	-0.040***	-0.040***
Limited English and Colons (1 Vec)	/tn	(0.005)	(0.005)
Limited English proficiency $(1 = Yes)$	7th	-0.041***	-0.041***
		(0.005)	(0.005)
		-0.160***	-0.161***
Special education (1 = Yes)	/ til	(0.003)	(0.003)
Special education (1 – 1 es)	Qth	-0.207***	-0.209***
	oui	` ′	(0.003)
	7th	-0.014*	-0.013*
Charter school $(1 = Yes)$	7 111	(0.006)	(0.006)
	8th	-0.007	-0.004
	Oth	(0.006)	(0.006)
	7th	-0.107***	-0.107***
Magnet school $(1 = Yes)$	7 (11	(0.008)	(0.008)
inagnet sensor (1 Tes)	8th	-0.051***	-0.051***
		(0.009)	(0.009)
	7th	0.111***	0.110***
Catholic school $(1 = Yes)$		(0.004)	(0.004)
,	8th	0.108***	0.105***
		(0.004)	(0.004)
	7th	0.055***	0.055***
Other private school $(1 = Yes)$		(0.007)	(0.007)
r(2 250)	8th	0.044***	0.041***
		(0.007)	(0.007)
	7th	-0.147***	-0.150***
Other public school $(1 = Yes)$	/tn	(0.031)	(0.031)
Calci paone senooi (1 – 105)	8th	-0.059	-0.081**
	Jui	(0.030)	(0.030)

		0.012***	0.012***
School total enrollment (in 1,000	7th 8th	(0.003)	(0.003)
students)		0.004	0.003
		(0.003)	(0.003)
		-0.018***	-0.017***
	7th	(0.003)	(0.003)
Constant		-0.043***	-0.041***
	8th	(0.004)	(0.004)
Independent variable		Dependent variable III: math score	
masperaent variable		0.175***	0.175***
	6th->7th	(0.001)	(0.001)
ELA score		0.147***	0.145***
	7th-> 8 th	(0.001)	(0.001)
		0.642***	0.644***
	6th->7th	(0.001)	(0.001)
Math score	_	0.638***	0.645***
	8th 7th 8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 7th->8th	(0.001)	(0.001)
	7th->8th () 6th->7th () 7th->8th () 6th->7th ()	-0.010***	-0.014***
	7th->8th (((0.000)	(0.001)
Suspension days		-0.012***	-0.023***
	7th->8th	(0.000)	(0.001)
		(0.000)	-0.006***
	6th->7th		(0.000)
Math score × Suspension days			-0.011***
	7th->8th		(0.000)
		0.050***	0.050***
	7th	(0.002)	(0.002)
Staying the same school $(1 = Yes)$		0.074***	0.073***
	8th	(0.003)	(0.003)
		-0.051***	-0.050***
	7th	(0.002)	(0.002)
Female (1 = Yes)		-0.033***	-0.030***
	8th	(0.002)	(0.002)
		(0.002)	-0.004***
	7th		(0.001)
Female × Suspension days			-0.007***
	8th		(0.001)
		-0.089***	-0.091***
	7th	(0.003)	(0.003)
Black American (1 = Yes)		-0.088***	-0.087***
	8th	(0.003)	(0.003)
		(0.003)	0.001
	7th		(0.001)
Black American × Suspension days			0.000
	*		(0.001)
Latino (1 = Yes)	7th	-0.012***	-0.012**
Latino (1 – 105)	/ 111	0.012	0.012

		(0.004)	(0.004)
	0.1	-0.014**	-0.012**
	8th	(0.004)	(0.004)
	7.1	/	-0.001
	7th		(0.002)
Latino × Suspension days	0.1		-0.000
	8th		(0.001)
	7.1.	0.004	0.003
American Indian (1 Vac)	/tn	(0.017)	(0.017)
American Indian (1 = Yes)	0415	0.015	0.028
	oui	(0.018)	(0.018)
	7+h		0.000
	/ UI		(0.009)
American Indian × Suspension days	0.1		-0.022**
	7th (68th (7th (7th (7th (7th (7th (7th (7th (7		(0.007)
	1	0.153***	0.151***
	7th	(0.007)	(0.008)
Asian American $(1 = Yes)$	0.1	0.177***	0.171***
	8th	(0.008)	(0.008)
	7.1	/	-0.005
	7/th		(0.008)
Asian American × Suspension days	0.1		-0.004
	8th		(0.006)
	7.1.	-0.023***	-0.022***
Other rese (1 Ves)	/ UI	(0.004)	(0.004)
Other race $(1 = Yes)$	0+h	-0.028***	-0.025***
	oui	(0.004)	(0.004)
	7th		-0.001
Other race × Suspension days	/ tii		(0.002)
Other race × Suspension days	8th		-0.001
	Oth		(0.001)
	7th	-0.078***	-0.077***
Free and reduced-lunch plan (1 = Yes)	, 411	(0.002)	(0.002)
Tree and reduced funen plan (1 168)	8th	-0.088***	-0.087***
		(0.002)	(0.002)
	7th		0.000
Free and reduced-lunch plan ×	-		(0.001)
Suspension days	8th		0.005***
		0.005***	(0.001)
	7th	0.025***	0.024***
Limited English proficiency (1 = Yes)		(0.005)	(0.005)
· ·	8th	-0.015**	
		(0.005)	(0.005)
Special education (1 = Yes)	7th	(0.003)	(0.003)
		(0.003)	(0.003)

		-0.145***	-0.146***
	8th	(0.003)	(0.003)
		-0.082***	-0.080***
	7th	(0.006)	(0.006)
Charter school $(1 = Yes)$		-0.109***	-0.105***
	8th		
		(0.006)	(0.006)
	7th	-0.112***	-0.111***
Magnet school $(1 = Yes)$		(0.008)	(0.008)
, ,	8th	-0.133***	-0.133***
		(0.008)	(0.008)
	7th	-0.021***	-0.021***
Catholic school $(1 = Yes)$, 122	(0.004)	(0.004)
cathone sensor (1 = 1 es)	8th	-0.018***	-0.021***
	Oth	(0.004)	(0.004)
	7th	-0.016**	-0.017**
Other private school $(1 = Yes)$	/ til	(0.006)	(0.006)
Other private school (1 = 1es)	8th	-0.046***	-0.048***
	oui	(0.007)	(0.007)
	741-	-0.141***	-0.144***
Other west Person (1 Vers)	7th	(0.029)	(0.029)
Other public school $(1 = Yes)$	0.1	-0.118***	-0.147***
	8th	(0.028)	(0.028)
	7.1	0.034***	0.034***
School total enrollment (in 1,000	7th	(0.003)	(0.003)
students)	0.1	0.014***	0.013***
,	8th	(0.003)	(0.003)
		0.050***	0.049***
_	7th	(0.003)	(0.003)
Constant		0.030***	0.031***
	8th	(0.004)	(0.004)
Independent variable		Dependent variable I	, ,
		0.020***	0.021***
	6th->7th	(0.001)	(0.001)
ELA score		0.011***	0.011***
	7th->8th	(0.001)	(0.001)
		-0.030***	-0.031***
	6th->7th	(0.001)	(0.001)
Math score		0.017***	0.017***
	7th->8th		
		(0.001)	(0.001)
	6th->7th		
Suspension days		(0.000)	(0.001)
	7th->8th	-0.008***	-0.009***
		(0.000)	(0.000)
	6th->7th		-0.001
ELA score × Suspension days			(0.001)
	7th->8th		0.000

			(0.000)
			0.002***
	6th->7th		(0.001)
Math score \times Suspension days			-0.001**
	7th (0.002) 8th -0.008 (0.001) 7th 8th -0.019 (0.003) 8th 7th -0.065 (0.002) 7th 8th -0.010 (0.003) 8th 7th 0.006* (0.002) 7th 8th 0.011 (0.009) 7th 8th 0.026* (0.007) 8th 7th 0.020* (0.004) 7th 8th 0.020* (0.004) 7th		(0.000)
	7.1	-0.006***	-0.006***
F 1 (1 W)	/th	(0.002)	(0.002)
Female (1 = Yes)	041-	-0.008***	-0.007***
	8th	(0.001)	(0.001)
	7+b		-0.001
Female × Suspension days	7111		(0.001)
remate × Suspension days	Qth.		-0.004***
	oui		(0.000)
	7th	-0.119***	-0.121***
Black American (1 = Yes)	7 111		(0.003)
Black / illiciteum (1 – 1 cs)	8th	-0.065***	-0.065***
		(0.002)	(0.002)
	7th		0.002*
Black American × Suspension days			(0.001)
	8th 7th (8th		0.001
		0.040444	(0.000)
	7th		-0.012***
Latino (1 = Yes)			(0.003)
, ,	8th		0.006**
		(0.002)	(0.002) 0.005***
	7th		(0.001)
Latino × Suspension days			0.001)
	8th		(0.001)
		0.040**	0.038*
	7th		(0.016)
American Indian $(1 = Yes)$			0.016
	8th	(0.009)	(0.009)
	7.1		0.004
A I. diam C dan dan.	8th 7th 7		(0.008)
American Indian × Suspension days			-0.008*
	oui		(0.004)
	7th	0.026***	0.026***
Asian American $(1 = Yes)$	/ UI	(0.007)	(0.007)
	8th	0.020***	0.019***
	- Juli	(0.004)	(0.004)
	7th		-0.010
Asian American × Suspension days	,		(0.007)
augustian			-0.002
		0.00 (detailed	(0.003)
Other race $(1 = Yes)$	//th	-0.024***	-0.023***

		(0.004)	(0.004)
		-0.019***	-0.017***
	8th	(0.002)	(0.002)
		(0100=)	-0.001
	7th		(0.002)
Other race × Suspension days	0.1		-0.001
	8th		(0.001)
	61 71	-0.048***	-0.048***
	6th->/th	(0.002)	(0.002)
Free and reduced-lunch plan $(1 = Yes)$	7.1 0.1	-0.052***	-0.053***
	/th->8th	(0.001)	(0.001)
	61 . 71		0.002
Free and reduced-lunch plan ×	6th->/th		(0.001)
Suspension days	7.1 . 0.1		0.003***
•	/tn->8tn		(0.000)
	61 . 71	-0.053***	-0.053***
T' '4 1 T 1' 1 C' ' (1 X7)	6th->/th	(0.004)	(0.004)
Limited English proficiency $(1 = Yes)$	741- > 041-	0.018***	0.018***
	8th 7th 8th 6th->7th 7th->8th	(0.002)	(0.002)
	C41- > 741-	-0.022***	-0.022***
Consist advantism (1 - Was)	7th 8th 6th->7th 7th->8th 7th->8th 7th->8th 7th->8th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 6th->7th 7th->8th 7th->8th 7th->8th 7th->8th 7th->8th 6th->7th 7th->8th 7th->8th	(0.003)	(0.003)
Special education $(1 = Yes)$		0.005***	0.005***
		(0.002)	(0.002)
	61 71	0.169***	0.169***
Charten ash as 1 (1 Vas)	otn->/tn	(0.005)	(0.005)
Charter school $(1 = Yes)$	741- > 041-	-0.149***	-0.149***
	6th->7th ((()) 7th->8th (()) 6th->7th 7th->8th 6th->7th 7th->8th (()) 6th->7th 7th->8th (()) 7th->8th (()) 6th->7th (()) 7th->8th (())	(0.003)	(0.003)
	C410 > 7410	0.009	0.009
Magnet school (1 Ves)	otn->/tn	(0.007)	(0.007)
Magnet school $(1 = Yes)$	741- > 041-	-0.167***	-0.167***
	/tn->8tn	(0.004)	(0.004)
	C410 > 7410	0.369***	0.369***
Catholic school (1 – Vas)	oun->/tn	(0.003)	(0.003)
Catholic school $(1 = Yes)$	74h > 94h	-0.001	-0.001
	/tn->8tn	(0.002)	(0.002)
	64h > 74h	0.351***	0.351***
Other private calcul (1 – Vec)	oui->/ui	(0.005)	(0.005)
Other private school $(1 = Yes)$	7th > 9th	-0.046***	-0.047***
	/tii->otii	(0.003)	(0.003)
	6th > 7th	0.201***	0.203***
Other public school (1 – Ves)	011->/tfl	(0.032)	(0.032)
Other public school $(1 = Yes)$	7th > 0th	-0.386***	-0.385***
	/u1->8tfl	(0.015)	(0.015)
School total annullment (in 1 000	6th >7th	0.324***	0.324***
School total enrollment (in 1,000	otn->/th	(0.002)	(0.002)
students)	7th->8th	0.012***	0.012***

		(0.001)	(0.001)
	7th	0.370***	0.371***
Constant	/ UI	(0.002)	(0.002)
Constant	8th	0.944***	0.944***
	oui	(0.001)	(0.001)
N		432,312	432,312
Chi2	Value	293345.96	1.184e+06
	df	166	258
RMSEA		0.064	0.039
SRMR		0.014	0.035
CFI		0.937	0.964
TLI		0.914	0.968
AIC		-7648165	8542446
BIC		-7646344	8545013

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.