

Changes in SEL: First Report

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Test 1: Smarter Balanced ELA

Model Comparison

Test 2: Smarter Balanced Math

Model Comparison

Table 1: Smarter Balanced ELA

	Scaled Test Score			
	(1)	(2)	(3)	(4)
$SEL_{GM,t-1}$	0.544** (0.254)	7.832*** (0.298)	3.149*** (0.258)	3.694*** (0.247)
$SEL_{SA,t-1}$	-0.033 (0.233)	-2.772*** (0.273)	-1.839*** (0.234)	-1.975*** (0.223)
$SEL_{SE,t-1}$	-0.363** (0.147)	0.516*** (0.164)	0.124 (0.142)	0.415*** (0.133)
$SEL_{SM,t-1}$	0.835*** (0.228)	8.116*** (0.265)	4.544*** (0.227)	5.397*** (0.213)
$SEL_{GM,t-2}$		3.614*** (0.332)	1.978*** (0.286)	
$SEL_{SA,t-2}$		-3.285*** (0.293)	-1.490*** (0.252)	
$SEL_{SE,t-2}$		1.187*** (0.193)	0.720*** (0.166)	
$SEL_{SM,t-2}$		4.890*** (0.292)	2.676*** (0.247)	
$TEST_{t-1}$			0.566*** (0.004)	0.570*** (0.004)
$TEST_{t-2}$		0.765*** (0.003)	0.317*** (0.004)	0.322*** (0.004)
Constant		644.362*** (6.435)	331.266*** (5.538)	307.224*** (5.271)
Individual Fixed Effects	X			
Observations	183,575	72,278	72,226	73,563
R ²	0.0003	0.674	0.758	0.758
Adjusted R ²	-1.534	0.674	0.758	0.758

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 2: Smarter Balanced Math

	Scaled Test Score			
	(1)	(2)	(3)	(4)
$SEL_{GM,t-1}$	2.017*** (0.245)	7.347*** (0.318)	2.973*** (0.273)	3.263*** (0.262)
$SEL_{SA,t-1}$	-0.094 (0.226)	-2.976*** (0.292)	-1.929*** (0.248)	-2.173*** (0.237)
$SEL_{SE,t-1}$	0.238 (0.145)	1.768*** (0.178)	0.847*** (0.152)	1.018*** (0.143)
$SEL_{SM,t-1}$	0.753*** (0.223)	7.719*** (0.283)	4.329*** (0.240)	5.169*** (0.226)
$SEL_{GM,t-2}$		2.289*** (0.353)	0.663** (0.301)	
$SEL_{SA,t-2}$		-4.297*** (0.314)	-2.032*** (0.267)	
$SEL_{SE,t-2}$		1.359*** (0.209)	0.671*** (0.180)	
$SEL_{SM,t-2}$		4.594*** (0.303)	2.967*** (0.258)	
$TEST_{t-1}$			0.661*** (0.004)	0.664*** (0.004)
$TEST_{t-2}$		0.916*** (0.003)	0.351*** (0.005)	0.357*** (0.005)
Constant		258.594*** (7.187)	0.782 (6.131)	-19.044*** (5.851)
Individual Fixed Effects	X			
Observations	183,424	72,170	72,102	73,439
R ²	0.001	0.690	0.772	0.772
Adjusted R ²	-1.532	0.690	0.772	0.772

Note:

*p<0.1; **p<0.05; ***p<0.01