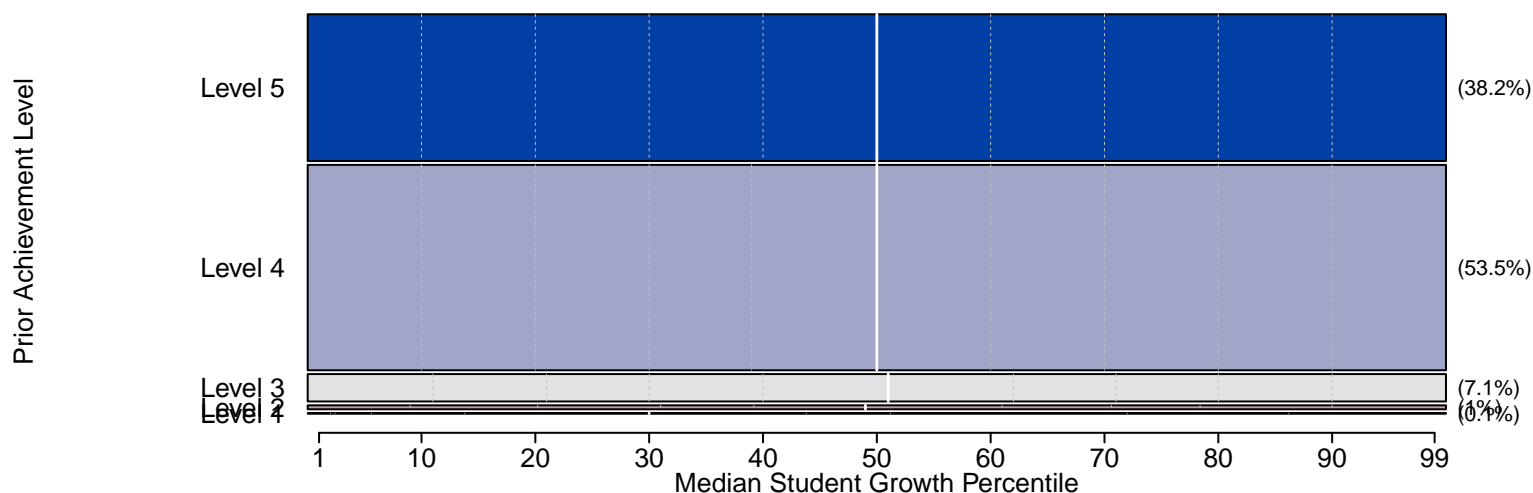


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Algebra I SGP, Grade EOCT (N = 13,479)

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		Student Growth Percentile Range												
		1 to 5	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 94	95 to 99	
Lowest OSS:	[-15,-1.76]	95.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 23
	[-1.76,-1.33]	48.1	37.0	11.1	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
Highest OSS:	[4.58,4.96]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	11.1	11.1	72.2	N = 18
	[4.96,7.13]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	10.3	79.5	N = 39

Student Growth Percentile Range

Prior Scale Score Decile/Range*	Student Growth Percentile Range										
	1 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 99	
1st/[-3.67,0.506]	9.09	9.61	10.06	9.91	9.69	9.09	10.88	10.73	10.13	10.80	(10%)
2nd/[0.506,0.872]	10.43	9.91	9.47	9.62	10.58	10.80	9.99	8.95	9.47	10.80	(10%)
3rd/[0.872,1.12]	9.73	10.84	10.47	9.43	9.80	9.65	9.06	9.80	9.95	11.28	(10%)
4th/[1.12,1.34]	9.87	10.27	8.99	10.83	10.59	10.35	9.87	9.47	10.43	9.31	(9.2%)
5th/[1.34,1.54]	9.03	9.03	11.48	10.50	8.82	9.17	9.87	11.20	10.78	10.15	(10.6%)
6th/[1.54,1.72]	8.56	10.29	10.96	11.19	9.38	9.23	9.61	10.06	10.14	10.59	(9.9%)
7th/[1.72,1.95]	11.18	9.50	9.80	9.87	9.36	10.45	9.43	10.38	9.58	10.45	(10.1%)
8th/[1.95,2.19]	7.99	9.64	10.03	9.48	10.89	10.11	11.99	9.33	9.33	11.21	(9.5%)
9th/[2.19,2.57]	10.01	10.96	8.18	8.98	11.10	10.37	10.23	9.72	10.15	10.30	(10.2%)
10th/[2.57,15]	9.87	9.59	10.86	10.08	9.38	9.87	9.73	9.94	9.66	11.00	(10.5%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ-Plot: Student Growth Percentiles

