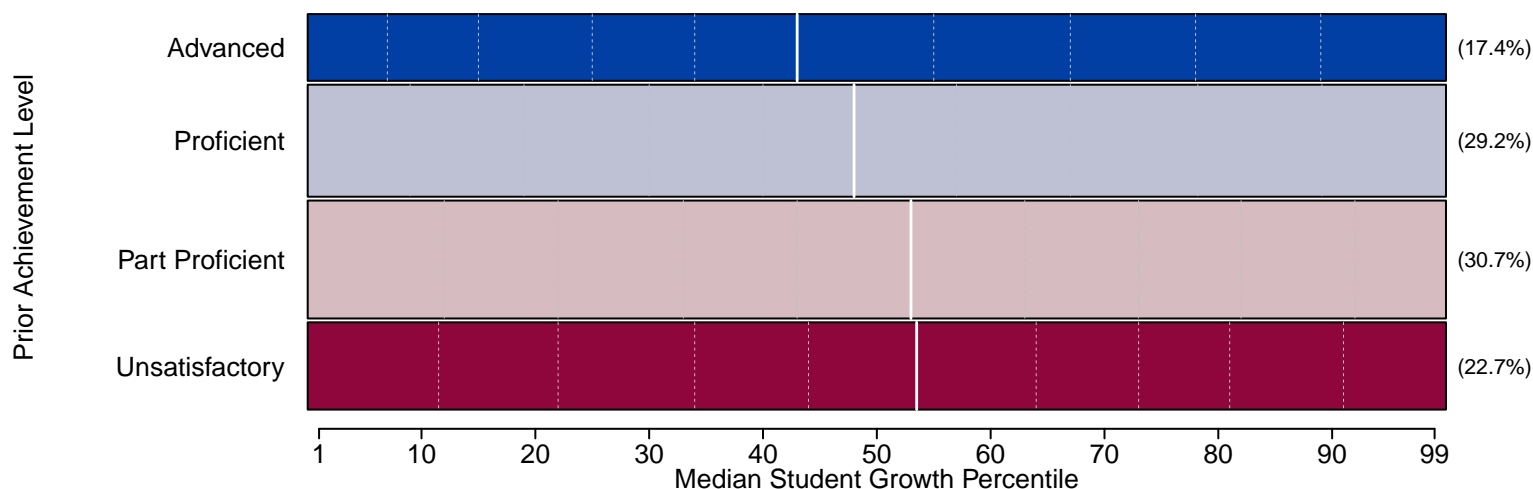


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX Ranked, Grade 10 (N = 4,250)

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

		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	
Current Observed Score Extremes (Range)	Lowest OSS:	[370]	46.9	3.1	25.0	9.4	12.5	3.1	0.0	0.0	0.0	0.0	0.0	N = 32
		(370,404]	27.8	22.2	11.1	22.2	5.6	5.6	0.0	0.0	5.6	0.0	0.0	N = 18
	Highest OSS:	[731,744]	3.8	0.0	0.0	3.8	7.7	0.0	19.2	3.8	7.7	26.9	19.2	N = 26
		[744,851]	0.0	0.0	0.0	0.0	0.0	0.0	7.4	7.4	18.5	25.9	18.5	N = 27

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/[340,509]	7.06	7.06	8.94	12.47	10.35	8.47	10.35	12.47	10.82	12.00	(10%)
2nd/[509,540]	8.87	10.34	8.87	7.64	11.08	8.87	11.08	10.84	10.34	12.07	(9.6%)
3rd/[540,563]	8.58	10.61	9.48	8.80	8.80	11.29	9.71	10.16	11.74	10.84	(10.4%)
4th/[563,580]	6.99	9.88	11.33	10.36	10.12	9.64	10.12	11.08	8.67	11.81	(9.8%)
5th/[580,596]	9.18	7.00	7.73	9.90	12.56	9.18	8.21	12.08	11.35	12.80	(9.7%)
6th/[596,612]	7.09	13.48	8.98	8.98	8.75	10.17	11.35	11.82	9.93	9.46	(10%)
7th/[612,628]	9.11	7.97	10.93	9.79	13.21	8.88	10.93	9.57	9.79	9.79	(10.3%)
8th/[628,646]	12.41	9.43	8.05	10.57	10.11	11.26	8.74	9.66	8.74	11.03	(10.2%)
9th/[646,671]	13.03	13.27	10.43	9.48	11.37	9.00	8.53	6.40	8.77	9.72	(9.9%)
10th/[671,868]	12.62	11.68	9.58	10.75	8.41	10.98	8.88	7.24	10.75	9.11	(10.1%)

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

QQ-Plot: Student Growth Percentiles

