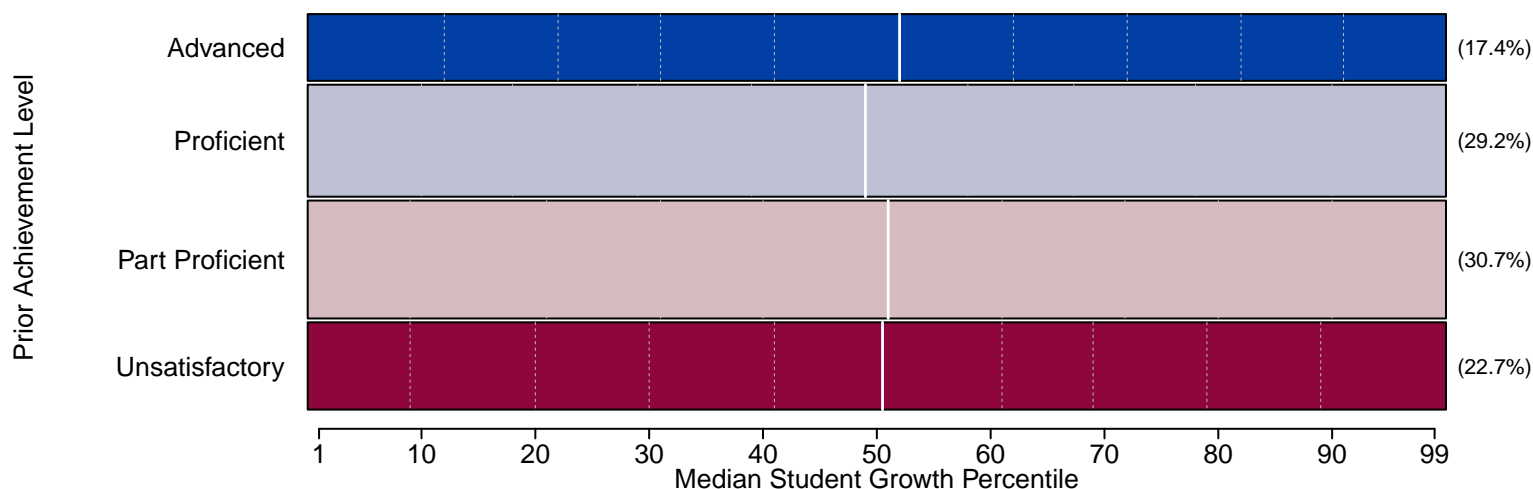


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, 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]	50.0	15.6	18.8	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
		(370,404]	44.4	11.1	22.2	11.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	N = 18
	Highest OSS:	[731,744]	0.0	3.8	0.0	0.0	3.8	3.8	11.5	7.7	11.5	26.9	19.2	N = 26
		[744,851]	0.0	0.0	0.0	0.0	3.7	0.0	3.7	3.7	18.5	18.5	22.2	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]	10.82	8.71	9.41	10.82	10.35	10.82	11.76	9.88	8.71	8.71	(10%)
2nd/[509,540]	9.85	8.87	10.10	7.88	11.08	9.61	10.10	12.32	8.62	11.58	(9.6%)
3rd/[540,563]	11.06	7.45	9.26	9.48	9.48	9.93	12.19	9.48	10.84	10.84	(10.4%)
4th/[563,580]	9.64	8.92	10.84	10.60	10.36	9.40	10.36	9.64	10.84	9.40	(9.8%)
5th/[580,596]	11.35	6.52	9.90	11.35	11.84	7.97	8.45	12.08	9.18	11.35	(9.7%)
6th/[596,612]	9.46	15.60	9.93	7.09	9.22	10.17	12.29	11.58	7.09	7.57	(10%)
7th/[612,628]	10.48	9.11	10.25	10.71	11.85	9.79	9.79	8.66	10.48	8.88	(10.3%)
8th/[628,646]	10.57	10.80	8.74	8.28	9.43	10.34	9.89	11.49	7.59	12.87	(10.2%)
9th/[646,671]	9.48	11.37	10.43	8.53	8.53	11.14	10.19	9.48	9.72	11.14	(9.9%)
10th/[671,868]	7.71	9.11	10.28	10.28	10.75	10.28	8.64	9.81	10.51	12.62	(10.1%)

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

QQ-Plot: Student Growth Percentiles

