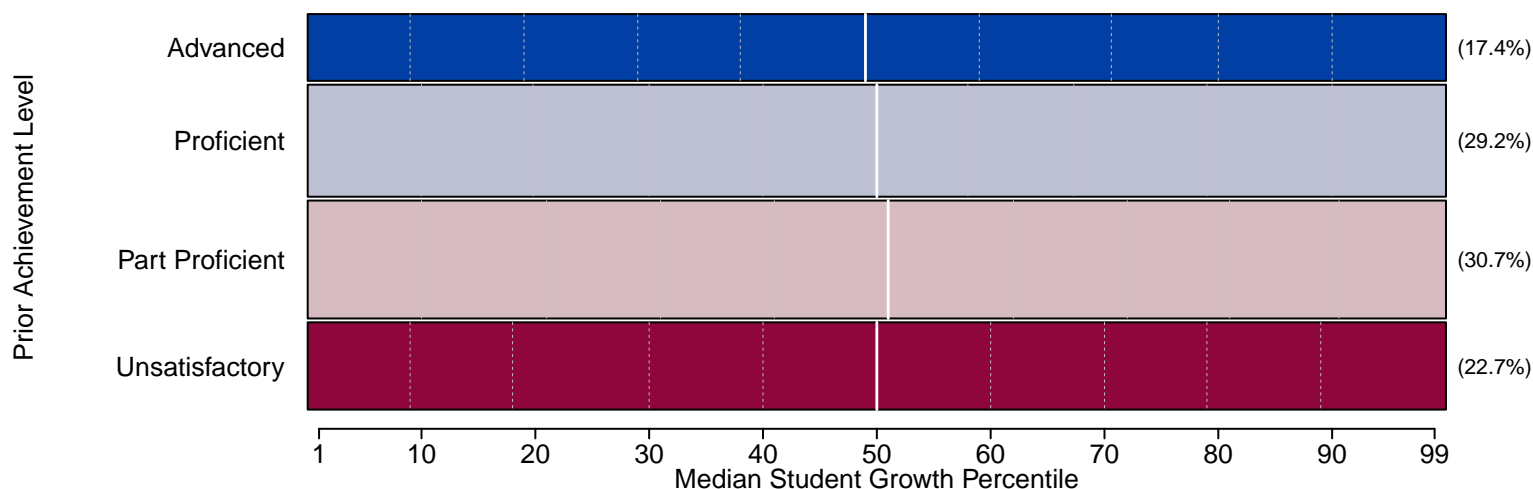


Student Growth Percentile Goodness-of-Fit Descriptives

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

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

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:	[370]	59.4	21.9	9.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
	(370,404]	55.6	0.0	22.2	11.1	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	N = 18
Highest OSS:	[731,744]	7.7	0.0	0.0	0.0	0.0	7.7	11.5	11.5	7.7	26.9	11.5	15.4	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	29.6	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]	12.24	8.71	7.53	11.06	11.06	9.18	9.65	11.53	9.88	9.18	(10%)
2nd/[509,540]	10.10	10.59	9.11	8.13	11.08	10.10	10.34	10.10	9.61	10.84	(9.6%)
3rd/[540,563]	10.38	10.38	9.93	9.03	9.03	9.48	12.19	8.58	11.29	9.71	(10.4%)
4th/[563,580]	9.16	10.60	9.88	10.36	10.12	9.40	10.60	10.36	8.92	10.60	(9.8%)
5th/[580,596]	10.14	7.25	8.21	10.63	11.35	9.42	8.21	11.35	10.14	13.29	(9.7%)
6th/[596,612]	8.04	13.24	10.40	7.57	8.75	10.40	12.77	10.40	9.46	8.98	(10%)
7th/[612,628]	9.34	8.66	10.25	9.57	12.53	10.48	10.71	8.43	10.25	9.79	(10.3%)
8th/[628,646]	10.80	9.20	8.74	9.66	9.20	11.95	8.51	10.80	8.97	12.18	(10.2%)
9th/[646,671]	10.43	12.56	10.66	9.95	10.43	9.95	7.58	9.48	9.24	9.72	(9.9%)
10th/[671,868]	10.28	8.88	10.28	10.51	9.58	9.81	10.05	8.64	10.51	11.45	(10.1%)

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

QQ-Plot: Student Growth Percentiles

