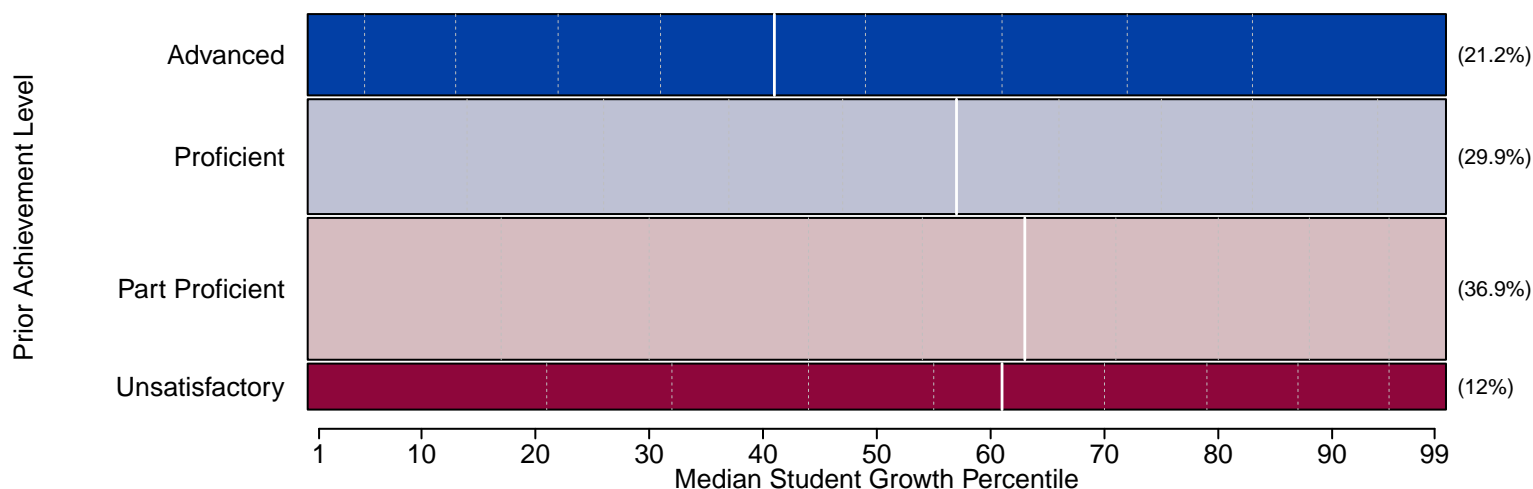


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, Grade 8 (N = 4,123)

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:	[310,421]	26.9	7.7	23.1	15.4	7.7	3.8	7.7	3.8	3.8	0.0	0.0	0.0	N = 26
	[421,445]	7.4	3.7	22.2	29.6	18.5	18.5	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
Highest OSS:	[696,707]	11.5	0.0	7.7	0.0	11.5	15.4	7.7	3.8	11.5	11.5	7.7	11.5	N = 26
	[707,890]	0.0	0.0	3.4	3.4	6.9	3.4	6.9	10.3	20.7	24.1	10.3	10.3	N = 29

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/[280,479]		2.92	6.08	8.76	9.49	10.46	11.44	10.22	11.68	11.92	17.03	(10%)
2nd/[479,506]		3.54	5.81	6.31	6.06	8.08	12.63	13.13	10.61	14.39	19.44	(9.6%)
3rd/[506,525]		4.94	9.63	6.91	8.40	8.64	9.88	12.84	7.90	13.83	17.04	(9.8%)
4th/[525,544]		4.93	6.10	7.04	8.69	9.62	10.09	12.91	11.27	10.56	18.78	(10.3%)
5th/[544,560]		4.61	7.28	9.47	5.34	10.19	9.22	12.14	11.65	11.17	18.93	(10%)
6th/[560,577]		5.50	7.42	6.70	8.61	11.72	10.77	10.77	11.72	12.68	14.11	(10.1%)
7th/[577,595]		6.93	9.16	6.19	9.16	8.91	12.13	10.64	9.90	10.64	16.34	(9.8%)
8th/[595,616]		6.76	9.18	13.04	9.42	11.84	9.66	9.42	10.14	9.18	11.35	(10%)
9th/[616,645]		13.22	9.38	11.54	10.82	9.13	8.89	9.62	9.38	9.38	8.65	(10.1%)
10th/[645,817]		19.48	11.40	11.64	11.40	13.06	6.18	11.16	7.60	4.99	3.09	(10.2%)

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

QQ-Plot: Student Growth Percentiles

