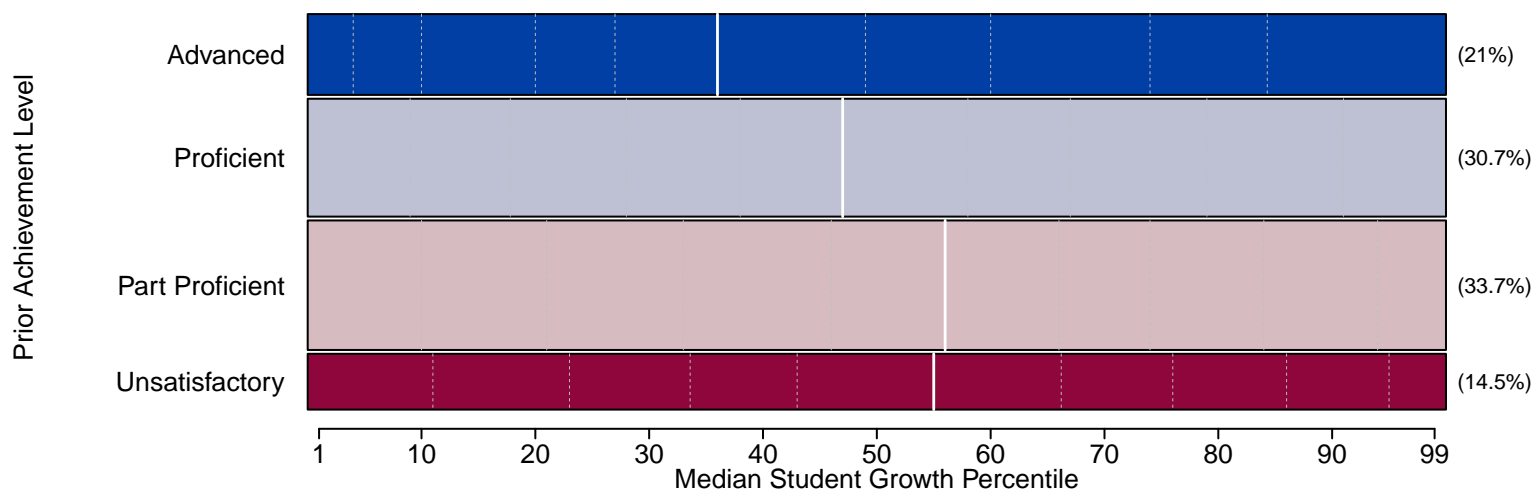


Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX, Grade 8 (N = 4,219)

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:	[310,385]	44.0	8.0	24.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[385,416]	20.0	12.0	8.0	20.0	16.0	16.0	4.0	0.0	4.0	0.0	0.0	0.0	N = 25
Highest OSS:	[696,706]	0.0	0.0	0.0	0.0	9.5	4.8	19.0	14.3	4.8	28.6	9.5	9.5	N = 21
	[706,791]	3.3	0.0	6.7	6.7	3.3	0.0	0.0	13.3	10.0	23.3	10.0	23.3	N = 30

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/[280,467]	7.02	9.69	9.93	9.20	9.44	9.69	11.14	10.65	9.69	13.56	(9.8%)
2nd/[467,502]	8.29	8.06	7.82	9.95	7.58	8.77	9.48	11.37	12.32	16.35	(10%)
3rd/[502,526]	8.55	9.03	7.60	8.31	7.84	9.50	11.16	11.64	12.35	14.01	(10%)
4th/[526,544]	10.19	9.03	7.41	8.80	9.26	9.95	11.81	10.19	8.56	14.81	(10.2%)
5th/[544,561]	10.17	10.42	10.67	5.71	10.67	9.43	8.93	7.20	11.17	15.63	(9.6%)
6th/[561,577]	10.66	10.66	9.24	11.14	11.37	7.11	9.72	8.53	9.48	12.09	(10%)
7th/[577,595]	11.87	10.50	8.68	10.05	9.13	11.19	8.68	8.90	7.53	13.47	(10.4%)
8th/[595,616]	12.41	12.17	9.79	8.83	12.41	8.83	10.74	8.59	8.35	7.88	(9.9%)
9th/[616,643]	15.46	9.37	13.11	8.67	7.73	9.13	7.49	10.07	11.48	7.49	(10.1%)
10th/[643,860]	23.93	8.77	13.51	13.03	7.82	8.06	6.64	7.82	7.35	3.08	(10%)

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

QQ-Plot: Student Growth Percentiles

