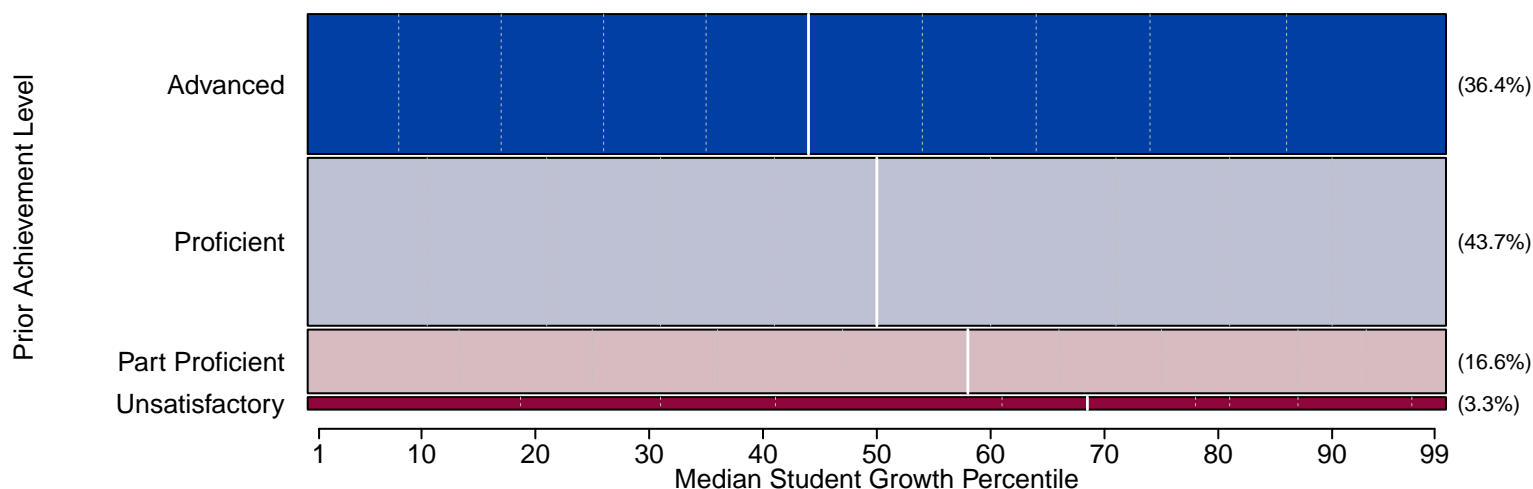


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX Ranked, Grade 4 (N = 4,245)

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:													N = 25
	[180,304]	44.0	0.0	20.0	12.0	8.0	4.0	4.0	4.0	0.0	0.0	0.0	4.0	
	[304,330]	16.0	0.0	16.0	16.0	24.0	8.0	4.0	4.0	8.0	0.0	0.0	4.0	N = 25
	Highest OSS:													N = 25
	[686,708]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	32.0	52.0	
	[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	24.0	68.0	N = 25

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/[150,381]	5.71	5.48	8.33	8.81	9.05	7.62	10.48	14.29	12.14	18.10	(9.9%)
2nd/[381,419]	6.64	10.66	8.53	9.00	8.06	11.85	11.85	8.06	11.37	13.98	(9.9%)
3rd/[419,442]	8.94	7.97	8.21	8.70	13.04	10.87	9.90	6.04	13.77	12.56	(9.8%)
4th/[442,463]	7.91	10.07	9.83	9.83	10.31	8.63	9.83	12.23	11.03	10.31	(9.8%)
5th/[463,483]	9.66	8.97	8.51	9.66	8.05	10.57	10.11	13.10	10.11	11.26	(10.2%)
6th/[483,502]	10.51	9.81	12.38	11.68	9.11	11.92	8.41	7.24	8.64	10.28	(10.1%)
7th/[502,522]	10.77	12.44	11.00	10.53	9.09	11.72	8.37	10.53	8.37	7.18	(9.8%)
8th/[522,552]	10.53	9.84	10.76	12.81	8.70	10.98	10.07	10.07	8.47	7.78	(10.3%)
9th/[552,591]	11.48	12.65	12.65	8.90	12.18	8.20	7.73	10.30	8.67	7.26	(10.1%)
10th/[591,700]	12.41	12.41	8.90	10.77	12.18	9.13	11.94	7.73	7.96	6.56	(10.1%)

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

QQ-Plot: Student Growth Percentiles

