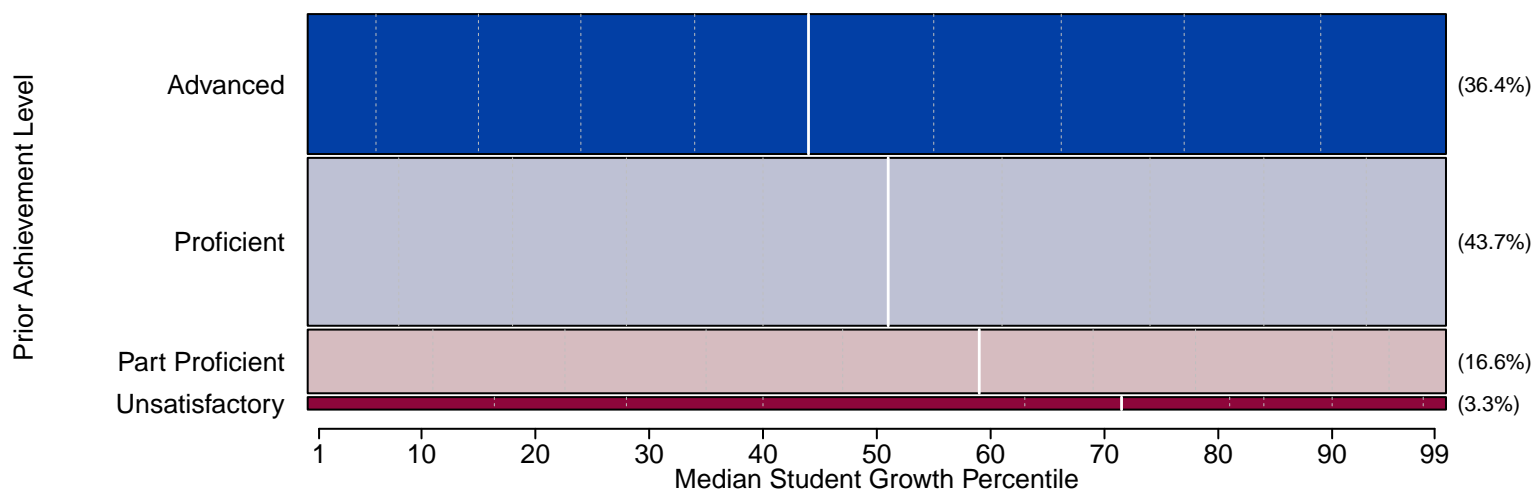


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, 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:	[180,304]	44.0	16.0	8.0	8.0	8.0	4.0	4.0	0.0	4.0	0.0	0.0	4.0	N = 25
		[304,330]	16.0	12.0	4.0	24.0	16.0	8.0	4.0	4.0	0.0	8.0	0.0	4.0	N = 25
	Highest OSS:	[686,708]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	40.0	56.0	N = 25
		[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	76.0	N = 25

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	
Prior Scale Score Decile/Range*	1st/[150,381]	8.10	4.05	9.76	7.38	8.33	6.43	9.05	10.95	12.38	23.57	(9.9%)
	2nd/[381,419]	9.00	10.43	8.77	7.82	6.87	9.72	11.61	8.77	6.16	20.85	(9.9%)
	3rd/[419,442]	10.39	8.94	7.97	7.00	12.80	7.49	9.66	7.73	12.08	15.94	(9.8%)
	4th/[442,463]	11.03	7.67	10.79	9.83	8.63	7.19	7.91	10.31	12.71	13.91	(9.8%)
	5th/[463,483]	11.72	10.57	8.28	7.13	7.13	9.43	10.11	10.11	11.26	14.25	(10.2%)
	6th/[483,502]	12.62	12.62	10.05	10.98	7.48	10.05	8.18	6.78	9.58	11.68	(10.1%)
	7th/[502,522]	14.11	11.72	10.05	9.57	8.37	9.81	7.89	10.53	8.85	9.09	(9.8%)
	8th/[522,552]	13.73	10.07	11.21	9.38	8.47	9.38	8.47	11.21	6.86	11.21	(10.3%)
	9th/[552,591]	15.93	10.07	12.88	7.96	11.24	7.03	6.79	8.90	8.90	10.30	(10.1%)
	10th/[591,700]	16.63	9.84	10.77	8.20	11.71	7.73	10.54	7.03	8.90	8.67	(10.1%)

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

QQ-Plot: Student Growth Percentiles

