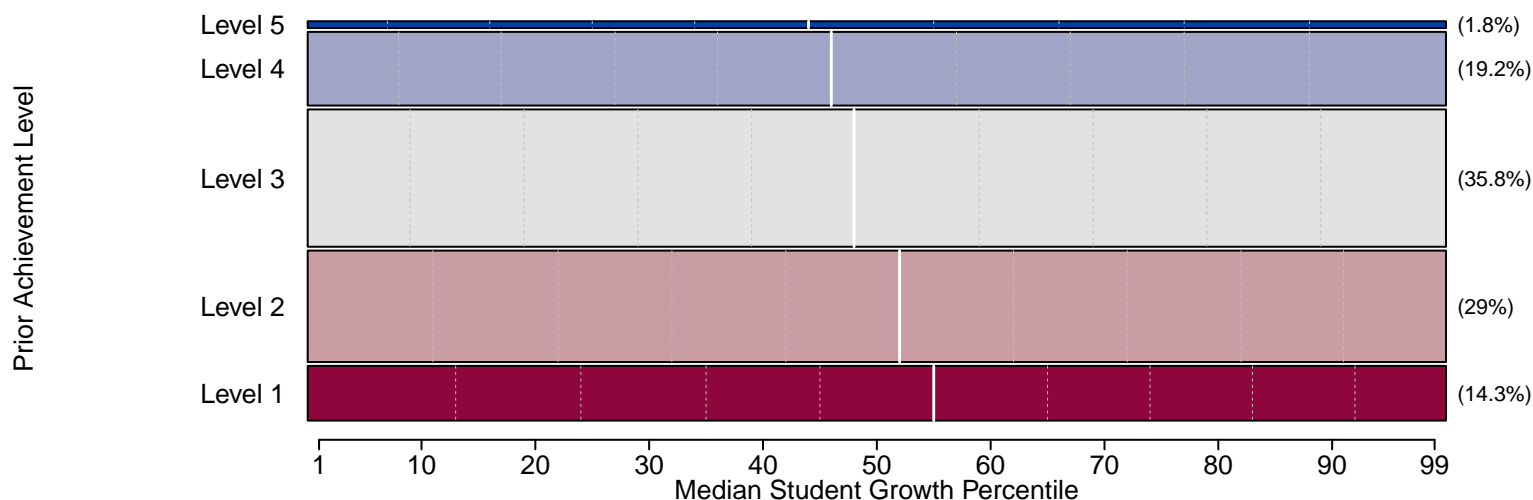


Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Mathematics SGP SIMEX Ranked, Grade 8 (N = 248,714)

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: [-15]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 50	
	Highest OSS: [4.676,5.092]	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	6.7	10.0	23.3	53.3	N = 30	
	[5.092,6.522]	0.0	0.0	0.0	2.7	0.0	0.0	0.0	5.4	8.1	8.1	8.1	67.6	N = 37	

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 Score Decile/Range	1st/[-15,-1.619]	7.00	8.34	8.94	9.09	9.95	10.78	10.44	11.35	11.29	12.82	(9.5%)
	2nd/[-1.619,-1.208]	7.98	9.26	9.49	10.03	9.79	10.26	10.23	10.53	10.70	11.73	(9.8%)
	3rd/[-1.208,-0.8394]	7.95	9.21	9.43	9.36	9.94	9.81	10.79	10.20	10.72	12.58	(10.1%)
	4th/[-0.8394,-0.5599]	8.44	9.35	9.59	10.10	9.87	10.24	10.25	10.31	10.65	11.22	(9.8%)
	5th/[-0.5599,-0.3012]	9.10	9.82	9.65	10.32	9.85	9.93	10.44	10.01	10.10	10.78	(10.2%)
	6th/[-0.3012,-0.0458]	9.98	10.14	10.49	10.10	9.83	9.83	9.86	9.77	9.76	10.23	(10%)
	7th/[-0.0458,0.2545]	10.27	10.63	10.42	10.48	10.15	9.77	9.84	9.74	9.39	9.33	(10.1%)
	8th/[0.2545,0.5886]	10.84	11.32	10.88	9.54	9.74	9.88	9.83	9.12	9.13	9.72	(10%)
	9th/[0.5886,1.028]	11.52	11.10	10.21	10.23	9.70	9.53	9.64	9.58	9.24	9.24	(10.1%)
	10th/[1.028,15]	11.35	10.94	10.67	10.90	10.06	9.87	9.48	9.28	8.90	8.55	(10.2%)

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

QQ-Plot: Student Growth Percentiles

