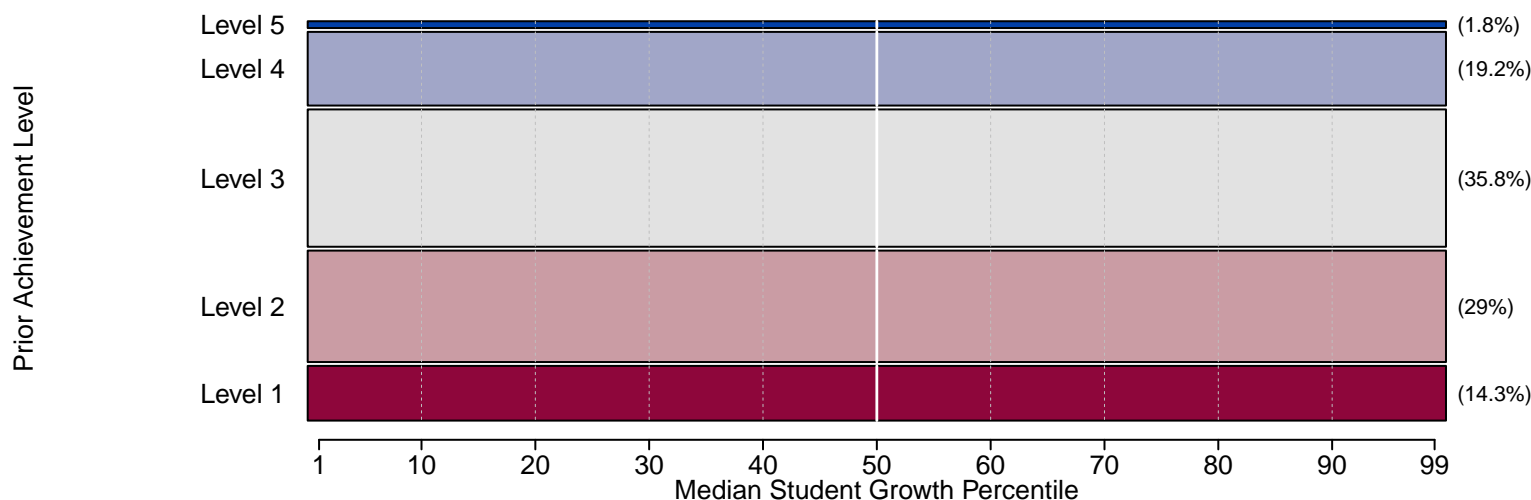


Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Mathematics SGP, 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	3.3	10.0	23.3	56.7	N = 30
	[5.092,6.522]	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	10.8	5.4	10.8	70.3	N = 37

Student Growth Percentile Range

Prior 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/[-15,-1.619]	9.23	9.64	9.92	9.84	10.14	10.28	10.02	10.39	10.08	10.47	(9.5%)
2nd/[-1.619,-1.208]	10.13	10.60	10.24	10.19	9.88	9.92	9.83	9.61	9.66	9.95	(9.8%)
3rd/[-1.208,-0.8394]	9.47	10.08	9.98	9.84	9.88	9.93	10.12	9.57	9.92	11.22	(10.1%)
4th/[-0.8394,-0.5599]	9.49	10.03	10.04	9.93	10.02	9.97	9.89	10.08	10.07	10.48	(9.8%)
5th/[-0.5599,-0.3012]	9.54	9.95	9.87	10.03	9.91	9.76	10.22	10.01	9.98	10.74	(10.2%)
6th/[-0.3012,-0.0458]	9.48	9.78	10.03	9.95	9.93	10.06	9.80	10.20	10.14	10.62	(10%)
7th/[-0.0458,0.2545]	9.18	9.72	10.00	10.35	10.20	10.13	10.00	10.05	10.11	10.25	(10.1%)
8th/[0.2545,0.5886]	9.50	10.17	10.12	9.77	9.78	10.06	10.12	9.78	9.78	10.90	(10%)
9th/[0.5886,1.028]	9.96	10.05	9.89	9.87	9.82	9.65	9.78	10.16	10.10	10.71	(10.1%)
10th/[1.028,15]	9.35	9.98	9.97	10.10	10.07	10.19	9.99	10.04	9.95	10.37	(10.2%)

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

QQ-Plot: Student Growth Percentiles

