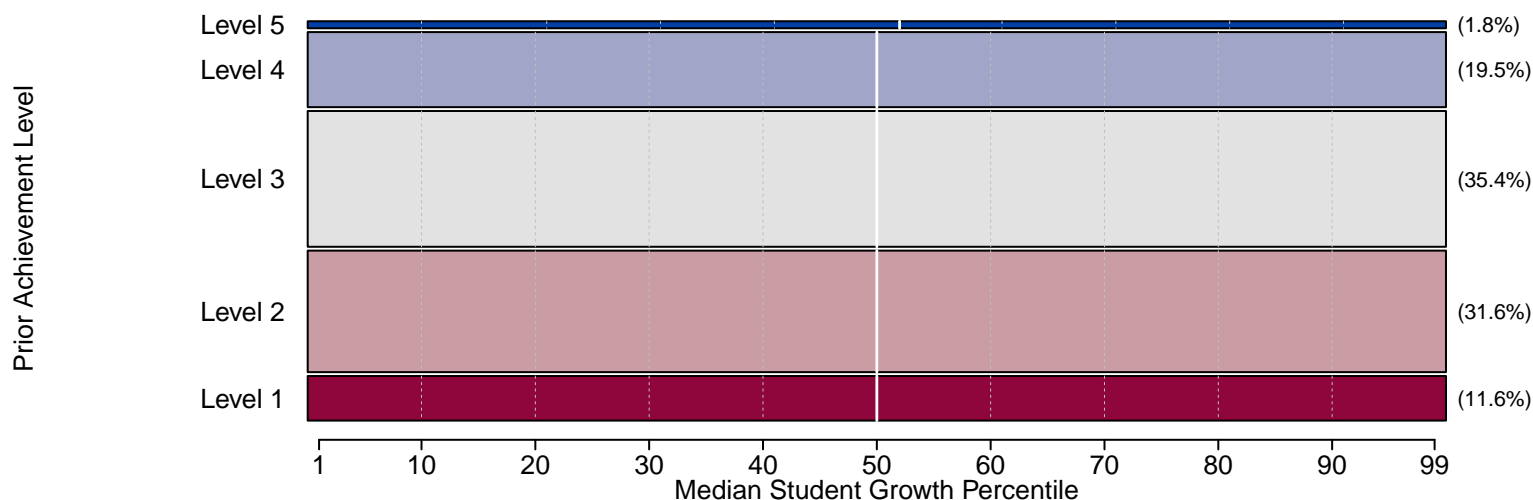


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016.2 Mathematics SGP, Grade 8 (N = 312,787)

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 = 138	
	Highest OSS: [5.415,6.08]	0.0	0.0	0.0	0.0	0.0	0.0	8.3	8.3	4.2	20.8	4.2	54.2	N = 24	
	[6.08,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	6.1	87.9	N = 33	

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/[-10,-1.444]	9.30	9.77	10.40	10.20	9.53	10.24	10.12	9.97	10.06	10.42	(9.7%)
2nd/[-1.444,-1.026]	10.02	10.07	9.86	9.85	10.47	9.77	9.90	9.73	9.78	10.55	(10.1%)
3rd/[-1.026,-0.7184]	9.51	10.37	9.71	9.85	10.02	9.94	9.98	10.21	10.01	10.41	(10.2%)
4th/[-0.7184,-0.4566]	8.98	10.18	9.88	10.25	9.98	9.91	10.14	10.09	10.17	10.42	(9.9%)
5th/[-0.4566,-0.2072]	9.97	9.80	10.08	9.82	9.76	10.07	9.88	9.95	10.00	10.67	(10%)
6th/[-0.2072,0.0481]	9.34	9.63	9.94	10.11	10.16	10.30	10.06	10.12	9.89	10.45	(10%)
7th/[0.0481,0.3196]	9.10	9.96	9.97	10.18	10.01	9.70	10.06	10.10	10.07	10.85	(10%)
8th/[0.3196,0.6481]	9.63	10.09	10.21	9.70	10.01	10.08	9.75	10.02	10.13	10.38	(10%)
9th/[0.6481,1.116]	10.01	10.24	9.89	9.97	9.83	10.12	10.11	9.76	9.85	10.21	(10%)
10th/[1.116,15]	9.24	9.91	10.02	10.12	10.13	9.89	10.00	10.07	10.00	10.61	(10%)

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

QQ-Plot: Student Growth Percentiles

