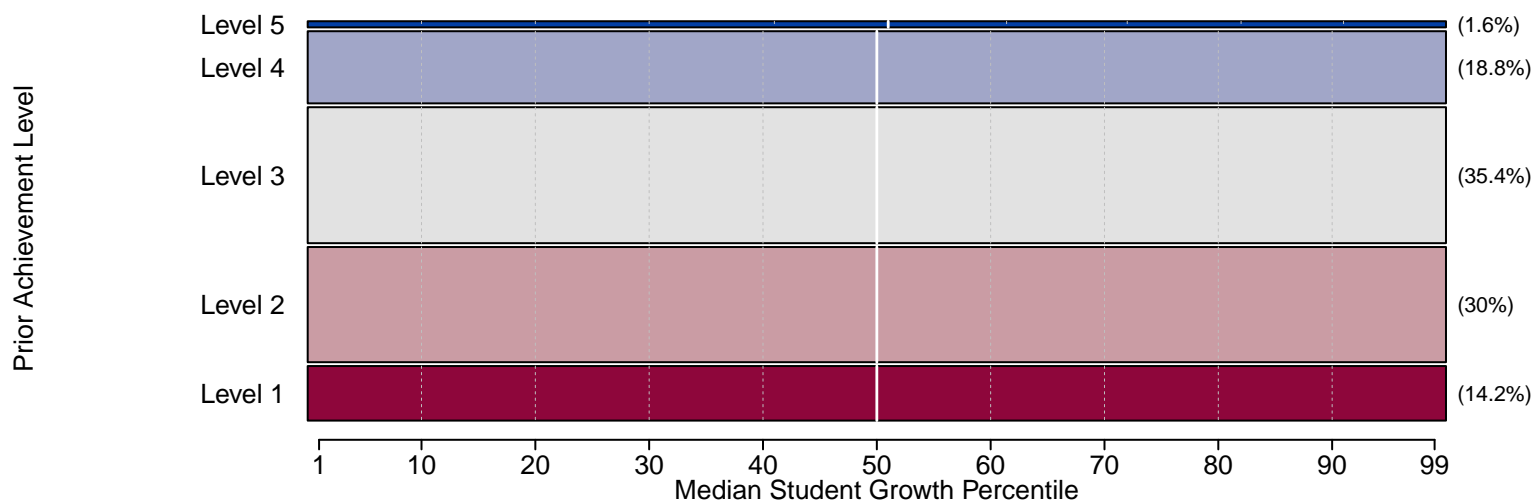


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SS SGP, Grade 8 (N = 290,655)

SGP Deciles by Prior Achievement Level (Mathematics SS)



Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		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	
Lowest OSS:	[650]	74.7	19.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 4828
Highest OSS:	[850]	0.0	0.0	0.0	0.7	2.1	1.8	3.0	4.8	11.4	20.3	17.4	38.6	N = 438

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/[650,695]	10.12	9.65	9.95	10.00	9.97	9.93	9.96	9.84	9.97	10.61	(9.7%)
2nd/[695,706]	9.39	10.29	10.36	10.07	9.85	9.78	9.86	10.26	9.85	10.30	(9.5%)
3rd/[706,714]	9.57	10.09	9.78	9.87	10.02	10.13	9.74	9.86	10.20	10.74	(10.1%)
4th/[714,721]	9.32	9.90	10.13	9.88	9.75	10.23	10.28	9.86	10.23	10.41	(8.5%)
5th/[721,729]	9.70	10.14	10.14	10.10	10.10	9.69	9.86	9.84	9.71	10.73	(12%)
6th/[729,734]	9.47	9.74	9.69	10.26	9.97	10.26	10.15	10.40	9.83	10.24	(7.7%)
7th/[734,742]	9.85	10.08	9.95	9.83	9.87	9.82	9.91	10.06	10.24	10.39	(11.2%)
8th/[742,751]	9.40	10.04	10.15	10.15	10.14	10.17	10.07	9.68	9.62	10.60	(10.8%)
9th/[751,762]	9.45	10.01	9.99	9.66	9.74	9.58	9.90	10.06	10.45	11.15	(10%)
10th/[762,850]	9.63	10.06	9.91	10.14	10.10	10.17	10.09	9.95	9.86	10.10	(10.3%)

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

QQ-Plot: Student Growth Percentiles

