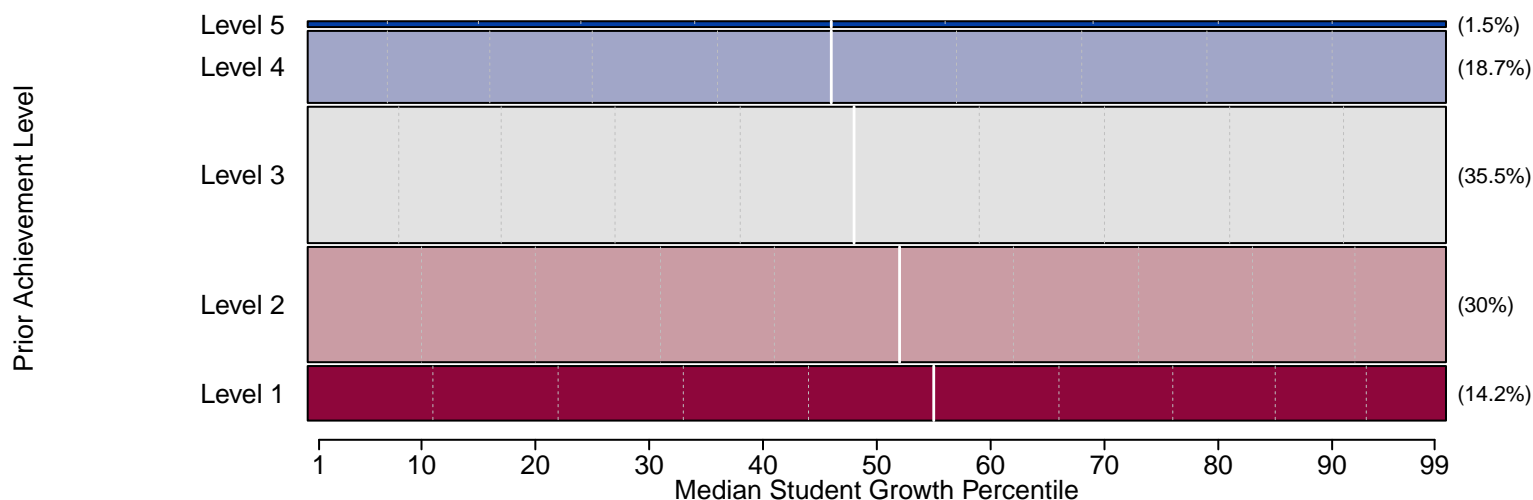


Student Growth Percentile Goodness-of-Fit Descriptives

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

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 = 88
	Highest OSS: [4.96,5.53]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	9.1	13.6	63.6	N = 22
	[5.53,15]	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	12.5	3.1	81.2	N = 32

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,-1.65]	8.33	9.07	8.72	8.53	9.29	9.31	9.78	10.35	11.58	15.06	(9.7%)
2nd/[-1.65,-1.2]	8.88	9.53	9.56	9.62	9.74	9.03	9.93	9.78	10.91	13.03	(9.5%)
3rd/[-1.2,-0.885]	9.81	9.46	9.52	9.40	9.50	9.52	9.57	9.89	10.19	13.13	(10.2%)
4th/[-0.885,-0.599]	9.65	9.48	9.33	9.70	9.33	9.50	10.14	9.62	10.51	12.75	(10.1%)
5th/[-0.599,-0.305]	10.33	10.12	9.72	9.41	9.43	9.13	9.48	9.54	10.14	12.68	(10.4%)
6th/[-0.305,-0.0774]	11.07	10.43	9.39	9.52	9.54	9.39	9.53	9.72	10.02	11.38	(9.2%)
7th/[-0.0774,0.233]	11.97	10.76	9.80	9.48	9.45	9.11	9.33	9.25	9.81	11.04	(10.6%)
8th/[0.233,0.579]	12.67	11.11	10.36	9.27	9.60	9.29	9.20	8.84	8.84	10.83	(10%)
9th/[0.579,1.04]	13.08	10.95	10.02	9.20	9.34	8.77	8.89	9.05	9.40	11.31	(10.1%)
10th/[1.04,5.59]	13.41	11.05	10.13	9.87	9.58	8.87	8.97	9.06	9.06	10.01	(10.1%)

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

QQ-Plot: Student Growth Percentiles

