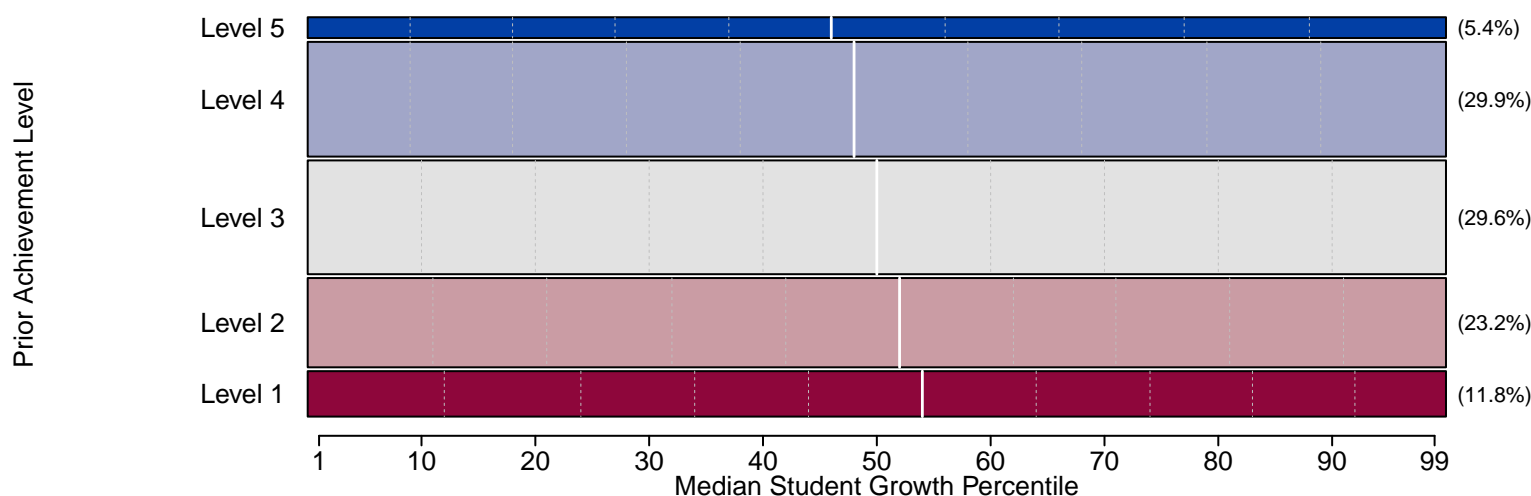


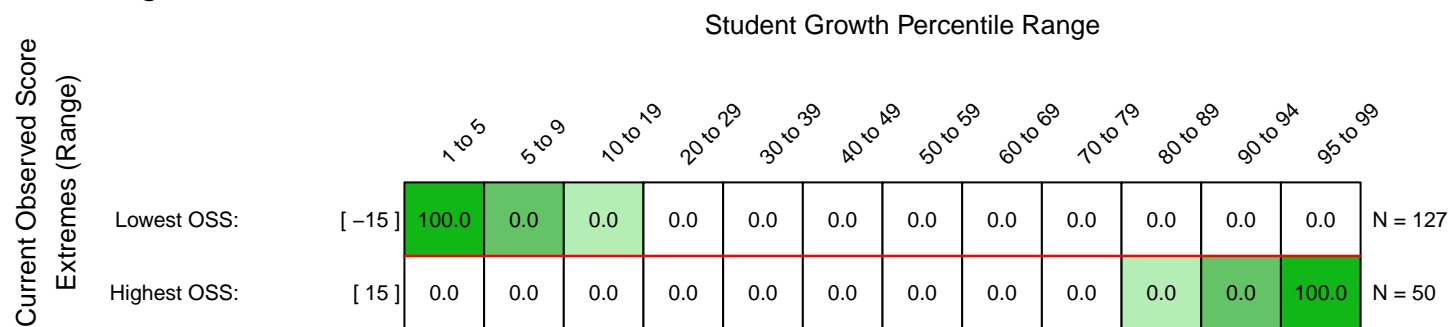
Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP SIMEX Ranked, Grade 6 (N = 383,884)

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test



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, -1.55)	7.31	9.11	9.09	9.59	9.93	10.33	10.45	10.62	11.02	12.56	(9.7%)
2nd/[-1.55, -1.08)	8.19	9.11	9.57	9.56	10.03	10.12	10.18	10.59	10.71	11.93	(10%)
3rd/[-1.08, -0.746)	8.57	9.34	9.66	9.95	9.97	10.05	10.52	10.15	10.30	11.48	(10.2%)
4th/[-0.746, -0.452)	9.54	9.76	9.73	9.98	10.04	9.91	10.23	10.00	10.18	10.63	(9.4%)
5th/[-0.452, -0.152)	9.66	9.48	10.03	10.14	10.11	9.98	10.04	9.81	10.26	10.49	(10.4%)
6th/[-0.152, 0.13)	9.49	10.33	9.91	10.07	10.37	9.64	10.14	10.00	9.90	10.16	(10.2%)
7th/[0.13, 0.441)	9.74	10.48	10.12	9.90	10.23	10.01	9.87	9.79	9.75	10.11	(9.9%)
8th/[0.441, 0.79)	10.51	10.60	10.54	10.09	9.84	9.57	9.41	9.70	9.50	10.25	(10%)
9th/[0.79, 1.26)	11.22	10.33	10.22	9.99	9.72	10.09	9.91	9.79	9.13	9.58	(10.1%)
10th/[1.26, 15]	11.21	10.69	10.84	10.09	10.33	9.81	9.69	9.49	9.10	8.75	(10.1%)

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

QQ-Plot: Student Growth Percentiles

