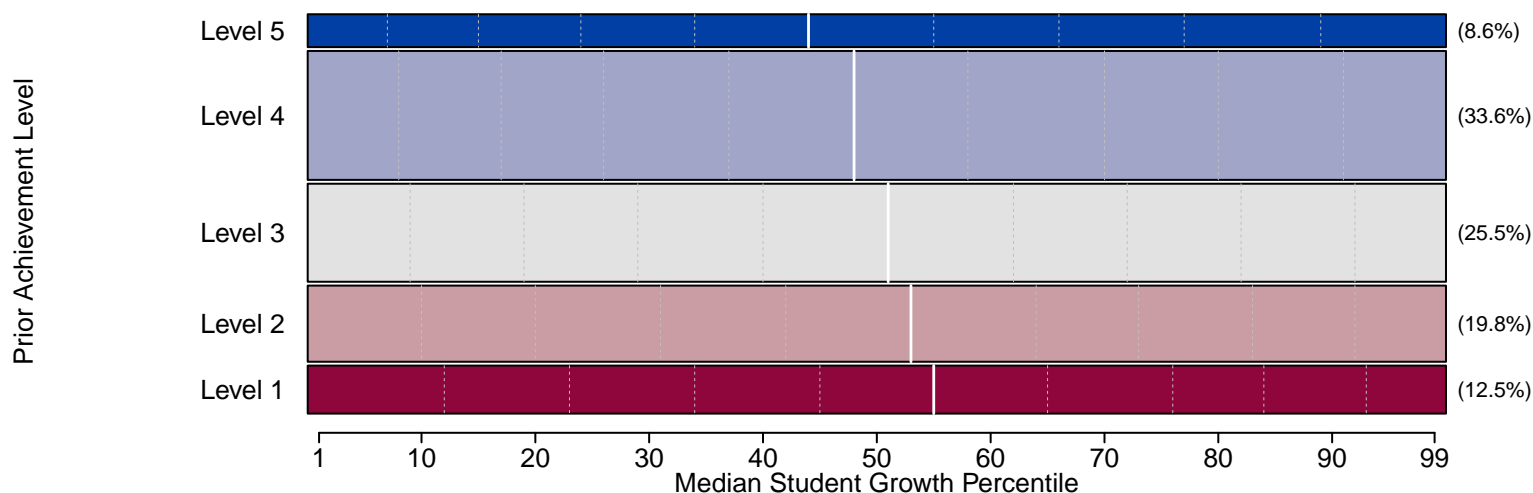


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP SIMEX, Grade 4 (N = 402,745)

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:													N = 48
	[-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	
	(-15,-4.58]	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 = 15
	Highest OSS:													N = 17
	[4.92,4.99]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	88.2	
	[4.99,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	97.6	N = 42

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,-1.54]	7.96	8.66	8.85	9.05	9.92	9.20	9.40	10.71	11.91	14.35	(10%)
2nd/[-1.54,-1.08]	9.20	8.81	9.36	8.73	9.36	9.56	9.66	9.75	11.55	14.02	(10%)
3rd/[-1.08,-0.713]	10.13	10.02	9.96	8.85	8.93	9.66	9.15	9.50	11.16	12.63	(9.9%)
4th/[-0.713,-0.394]	10.71	9.95	9.95	9.72	8.28	10.02	8.63	10.12	10.42	12.19	(9.9%)
5th/[-0.394,-0.0803]	10.89	10.35	9.23	9.63	9.29	9.09	8.94	10.32	10.07	12.18	(10.1%)
6th/[-0.0803,0.21]	10.62	10.37	9.07	9.12	9.87	9.39	9.26	9.33	10.22	12.74	(10.1%)
7th/[0.21,0.518]	11.43	10.46	9.73	9.38	9.29	8.93	8.52	9.43	10.92	11.91	(10%)
8th/[0.518,0.837]	12.54	11.10	9.76	9.24	9.72	9.36	8.70	8.54	9.69	11.35	(9.7%)
9th/[0.837,1.31]	13.24	10.99	10.37	10.06	9.17	8.66	9.41	8.39	9.32	10.39	(10.1%)
10th/[1.31,15]	13.27	11.51	10.85	9.67	9.67	8.90	8.63	9.38	8.37	9.75	(10.3%)

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

QQ-Plot: Student Growth Percentiles

