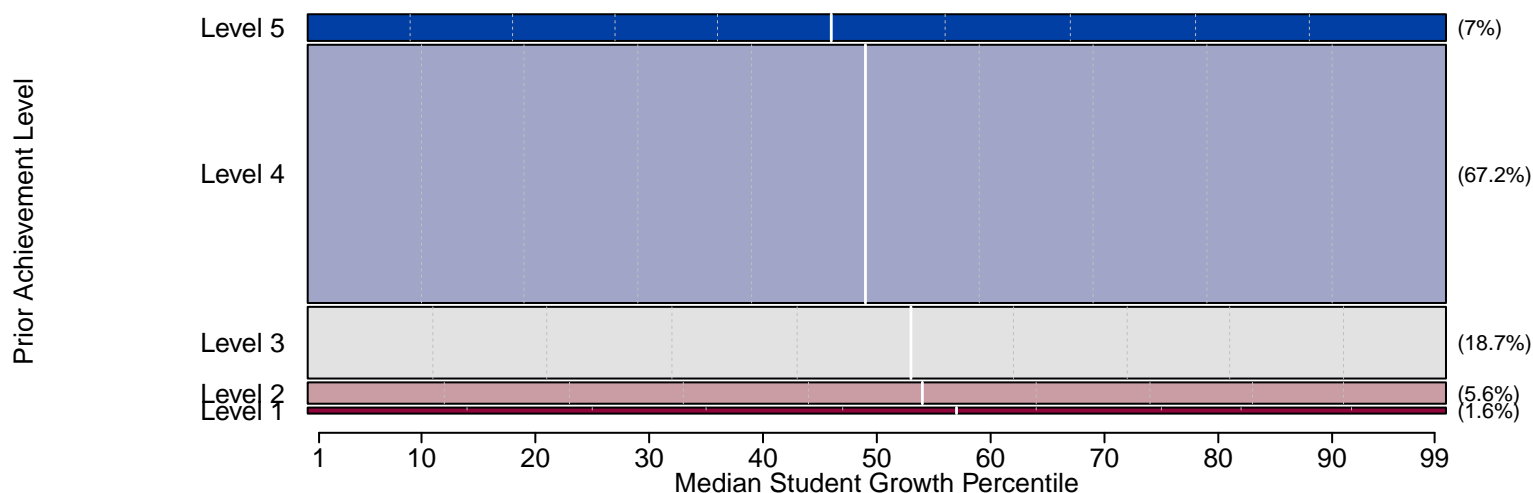


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Geometry SGP SIMEX Ranked, Grade EOCT (N = 32,109)

## SGP Deciles by Prior Achievement Level (Algebra I)



## 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:	[-15,-2.44]	92.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
	[-2.44,-2.11]	67.9	21.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 28
Highest OSS:	[3.02,3.16]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	13.6	13.6	68.2	N = 22
	[3.16,4.88]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	14.3	64.3	N = 28

## 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/[-4.89,-0.21]	7.97	8.58	9.07	9.62	9.75	10.20	10.23	10.82	11.37	12.40	(9.6%)
2nd/[-0.21,0.25]	8.50	9.97	9.25	9.11	9.77	10.37	10.61	10.55	10.40	11.47	(10.2%)
3rd/[0.25,0.52]	9.18	9.28	9.21	10.25	10.77	10.06	9.41	10.18	10.74	10.93	(10.2%)
4th/[0.52,0.75]	8.58	9.98	9.56	10.27	10.34	9.01	10.70	10.53	10.24	10.79	(9.7%)
5th/[0.75,0.98]	9.93	9.74	9.42	10.40	9.82	9.10	11.18	9.50	9.71	11.20	(10.1%)
6th/[0.98,1.17]	9.87	10.36	11.28	9.66	9.13	10.26	9.48	10.05	9.20	10.71	(9.7%)
7th/[1.17,1.39]	9.73	10.88	9.13	10.72	10.45	10.19	9.43	9.76	10.22	9.50	(10.3%)
8th/[1.39,1.64]	10.44	11.12	10.44	9.72	10.08	9.98	9.95	9.17	9.59	9.50	(10.2%)
9th/[1.64,2]	10.28	10.17	11.45	10.02	9.67	10.55	9.06	10.08	9.06	9.65	(10.1%)
10th/[2,7.51]	10.42	10.39	10.63	10.29	10.57	10.70	9.03	9.55	9.52	8.90	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

