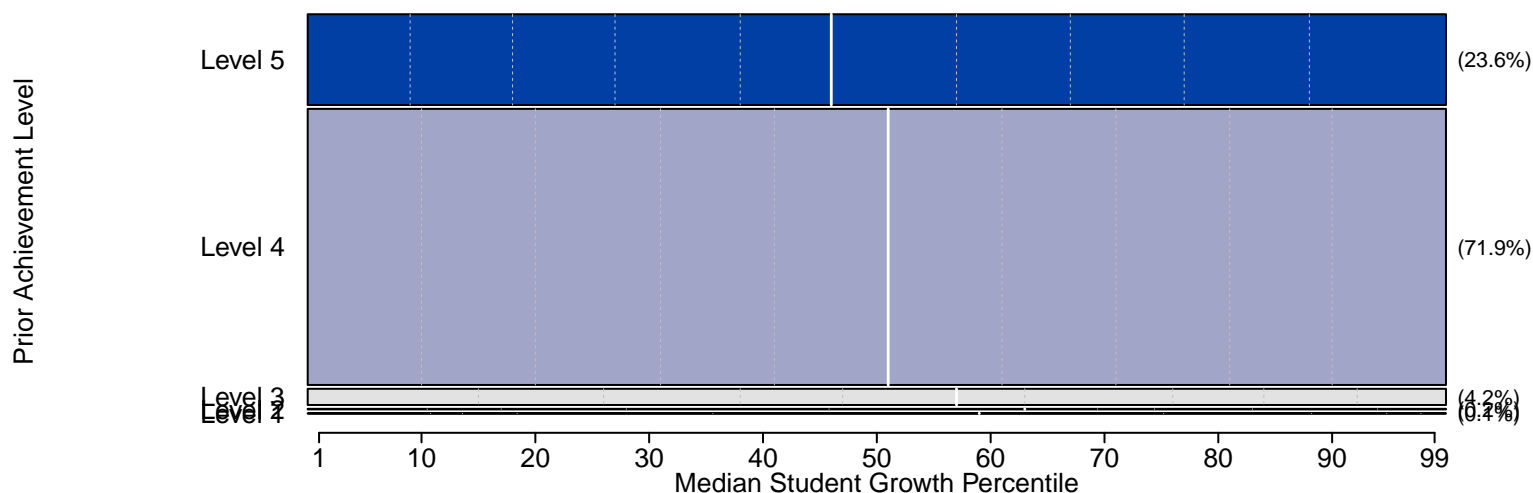


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Geometry SGP SIMEX Ranked, Grade EOCT (N = 7,809)

## 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: [-2.785, -0.7727]	61.9	9.5	19.0	4.8	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	N = 21
[-0.7727, -0.5164]	40.6	18.8	15.6	15.6	3.1	0.0	0.0	0.0	3.1	0.0	0.0	3.1	N = 32
Highest OSS: [3.593, 3.834]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	12.5	29.2	4.2	50.0	N = 24
[3.834, 5.216]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	21.6	64.9	N = 37

## 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/[-2.079, 0.7071]	7.12	9.20	10.36	8.68	9.84	9.97	10.88	9.72	11.92	12.31	(9.9%)
2nd/[0.7071, 1.037]	8.77	8.90	9.94	9.42	9.29	10.06	10.97	9.16	12.13	11.35	(9.9%)
3rd/[1.037, 1.264]	9.00	8.48	9.25	9.77	8.87	11.83	10.54	10.54	9.13	12.60	(10%)
4th/[1.264, 1.449]	8.56	10.96	9.89	9.49	8.96	10.56	8.29	12.57	9.22	11.50	(9.6%)
5th/[1.449, 1.63]	8.44	7.81	10.20	11.46	11.21	9.70	10.33	9.70	9.32	11.84	(10.2%)
6th/[1.63, 1.806]	11.33	10.42	10.17	9.78	9.65	10.94	10.68	8.24	9.27	9.52	(10%)
7th/[1.806, 1.997]	9.44	9.95	9.31	10.59	9.31	9.95	9.57	11.10	10.33	10.46	(10%)
8th/[1.997, 2.254]	11.92	11.15	10.38	11.54	9.10	7.69	9.87	9.10	10.64	8.59	(10%)
9th/[2.254, 2.635]	9.76	9.51	10.76	8.76	13.14	11.39	9.01	9.64	8.64	9.39	(10.2%)
10th/[2.635, 7.13]	10.85	12.72	9.85	10.47	10.85	8.35	9.60	9.48	9.98	7.86	(10.3%)

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

## QQ-Plot: Student Growth Percentiles

