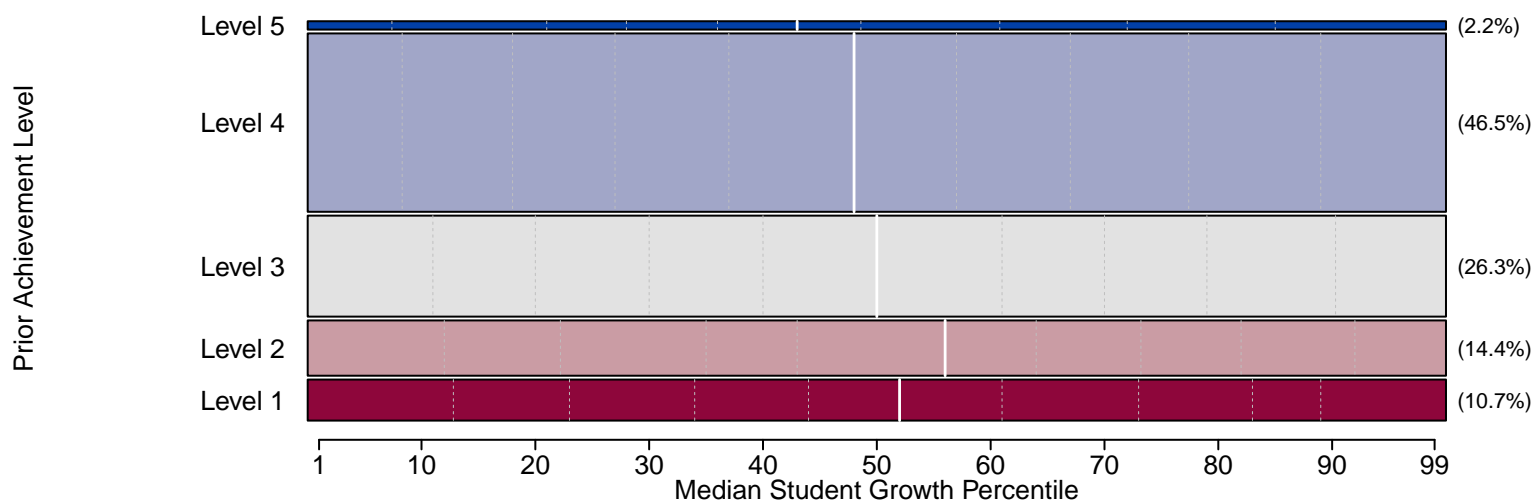


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.1 Algebra I SGP SIMEX Ranked, Grade EOCT (N = 3,453)

## 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,-2.175]	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 = 9
	[-2.175,-1.77]	42.9	34.7	20.4	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 49
	Highest OSS: [2.181,2.392]	0.0	0.0	4.0	4.0	4.0	0.0	8.0	4.0	16.0	12.0	16.0	32.0	N = 25
	[2.392,3.229]	0.0	0.0	0.0	0.0	0.0	3.6	0.0	3.6	10.7	28.6	14.3	39.3	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/[-4.4,-0.9]	7.14	9.32	7.45	11.18	11.49	9.01	8.07	10.56	16.15	9.63	(9.3%)
2nd/[-0.9,-0.35]	7.46	9.12	9.67	8.84	11.88	9.67	9.67	8.29	11.33	14.09	(10.5%)
3rd/[-0.35,0.06]	8.24	10.59	9.71	9.71	7.65	10.29	12.94	10.00	10.88	10.00	(9.8%)
4th/[0.06,0.33]	9.01	10.81	12.31	9.31	8.71	10.51	10.21	10.51	8.11	10.51	(9.6%)
5th/[0.33,0.59]	7.53	13.25	7.23	10.54	10.84	9.04	10.54	11.45	8.73	10.84	(9.6%)
6th/[0.59,0.82]	9.67	9.67	11.05	10.77	8.29	9.39	9.94	10.22	10.50	10.50	(10.6%)
7th/[0.82,1.1]	10.59	11.76	10.88	10.00	10.88	11.18	7.94	8.82	8.82	9.12	(9.7%)
8th/[1.1,1.3]	9.80	7.84	10.36	8.12	11.48	8.96	13.45	10.36	8.12	11.48	(10.3%)
9th/[1.3,1.7]	12.96	10.70	9.30	8.45	10.70	11.27	8.17	8.73	8.17	11.55	(10.3%)
10th/[1.7,4.4]	12.86	11.43	11.71	11.71	9.14	10.29	9.43	9.14	8.86	5.43	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

