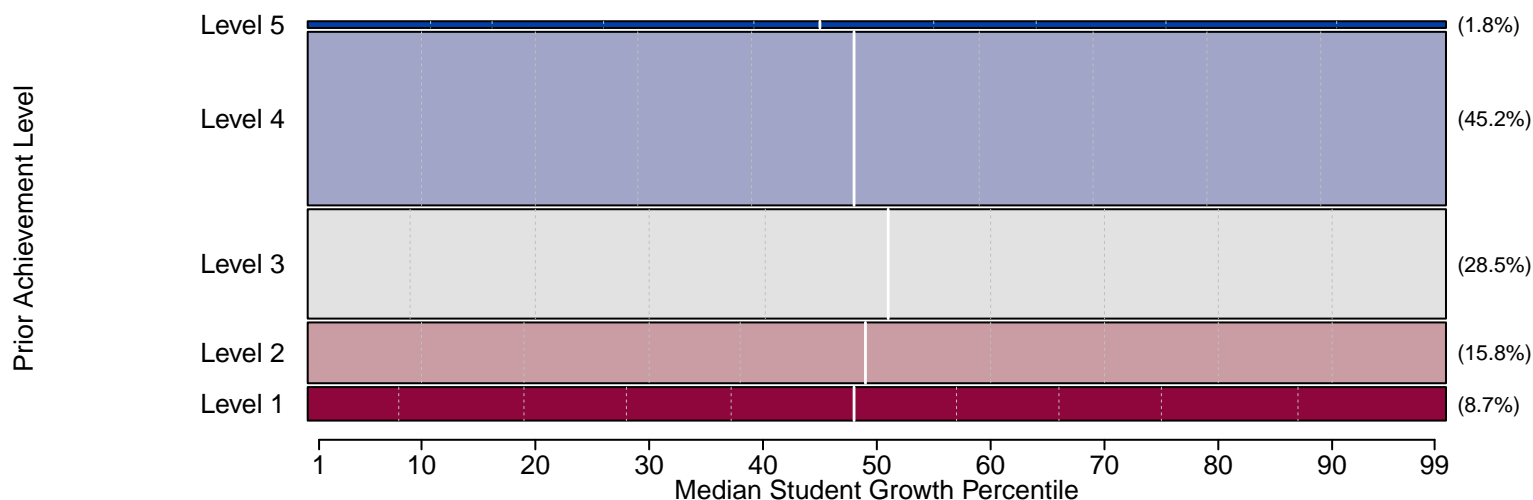


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.1 Algebra I SGP, Grade EOCT (N = 3,367)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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,-2.14]	77.1	11.4	5.7	2.9	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	N = 35
	[-2.14,-1.85]	40.0	28.6	25.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 35
Highest OSS:	[2.29,2.47]	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	12.0	28.0	20.0	32.0	N = 25
	[2.47,3.69]	0.0	0.0	7.7	0.0	0.0	3.8	0.0	0.0	3.8	7.7	19.2	57.7	N = 26

## 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/[-4.24,-0.79]	10.85	10.85	9.09	9.97	9.09	10.85	10.56	9.97	7.92	10.85	(9.7%)
2nd/[-0.79,-0.31]	8.61	10.39	10.09	9.50	11.28	11.28	10.98	8.31	11.28	8.31	(9.7%)
3rd/[-0.31,0.04]	12.40	9.09	11.29	12.40	11.02	9.37	7.71	11.29	7.71	7.71	(10.5%)
4th/[0.04,0.3]	8.30	12.46	10.38	8.65	6.57	10.03	10.03	11.07	12.11	10.38	(9.7%)
5th/[0.3,0.55]	9.94	8.43	8.73	10.24	9.64	9.94	10.84	9.04	10.84	12.35	(9.9%)
6th/[0.55,0.78]	8.33	8.91	8.91	12.07	13.51	9.48	10.63	9.20	9.77	9.20	(10.3%)
7th/[0.78,1.01]	8.70	11.14	11.96	10.33	8.70	9.51	10.60	10.33	7.88	10.87	(10%)
8th/[1.01,1.26]	10.49	7.87	10.82	8.52	11.15	9.51	9.84	9.18	11.15	11.48	(10%)
9th/[1.26,1.6]	11.02	12.43	11.02	9.60	9.04	10.73	7.63	9.89	9.89	8.76	(10.1%)
10th/[1.6,4.25]	9.73	9.12	10.03	10.33	9.73	9.73	11.25	9.42	10.64	10.03	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

