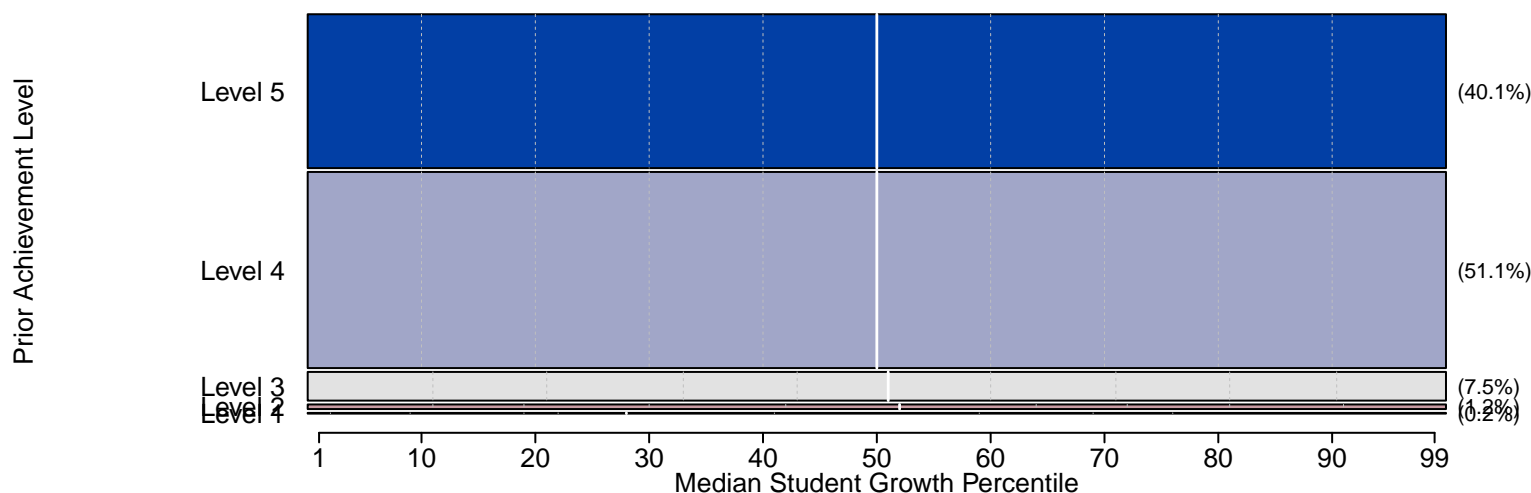


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Algebra I SGP, Grade EOCT (N = 11,734)

## 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: [-4.75,-1.389]	96.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
[-1.389,-1.198]	55.2	20.7	13.8	6.9	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	N = 29
Highest OSS: [4.758,5.119]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4	22.2	66.7	N = 27
[5.119,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	10.3	72.4	N = 29

## 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/[-4.368,0.4538]	8.43	10.00	9.83	9.57	10.87	10.09	9.91	9.48	10.78	11.04	(9.8%)
2nd/[0.4538,0.9075]	11.46	9.01	10.61	10.61	8.93	8.85	9.60	10.45	10.11	10.36	(10.1%)
3rd/[0.9075,1.15]	10.61	11.49	9.47	8.95	8.16	10.61	9.82	10.09	8.77	12.02	(9.7%)
4th/[1.15,1.375]	8.50	10.21	8.67	10.99	9.53	10.56	11.50	9.96	10.56	9.53	(9.9%)
5th/[1.375,1.564]	9.20	10.78	10.34	8.33	11.22	9.82	9.73	10.96	10.96	8.68	(9.7%)
6th/[1.564,1.781]	8.97	9.53	9.13	10.97	10.73	10.81	10.09	9.13	8.33	12.33	(10.6%)
7th/[1.781,1.954]	10.12	10.03	11.11	10.21	11.74	8.67	8.94	9.58	9.39	10.21	(9.4%)
8th/[1.954,2.254]	8.02	9.31	10.69	9.88	10.69	9.88	9.96	9.88	10.28	11.42	(10.5%)
9th/[2.254,2.699]	9.21	10.22	9.38	9.71	7.69	10.22	10.90	10.98	10.47	11.23	(10.1%)
10th/[2.699,15]	10.29	10.03	9.86	9.95	10.63	9.95	9.27	10.12	10.20	9.69	(10%)

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

## QQ-Plot: Student Growth Percentiles

