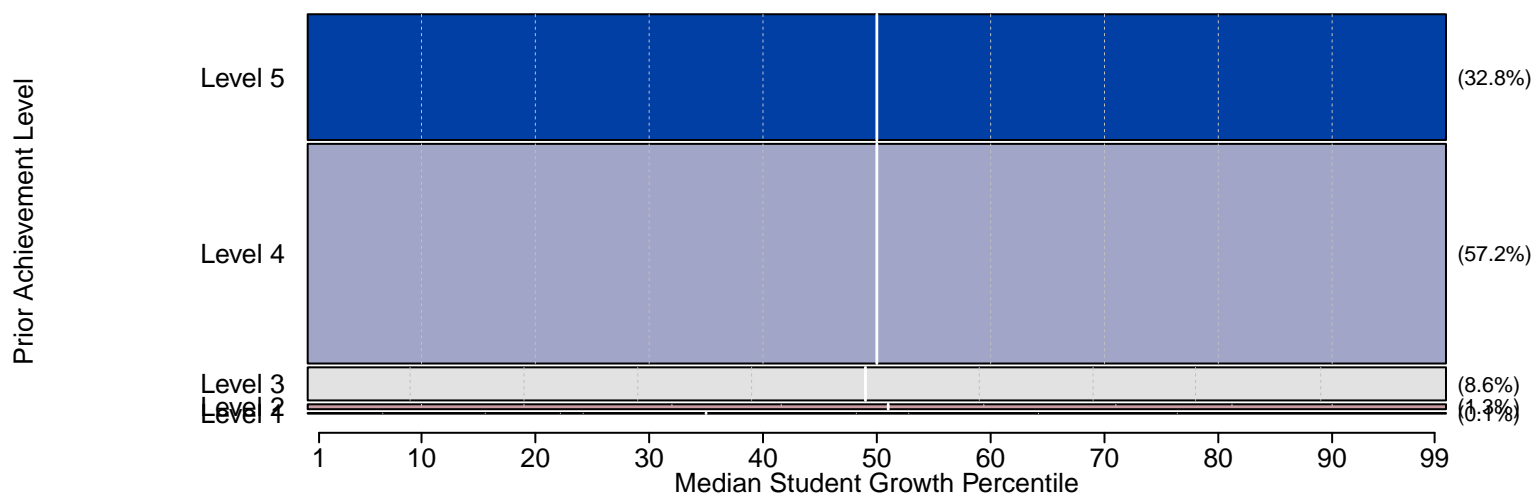# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 Algebra I SS SGP, Grade EOCT (N = 12,884)

SGP Deciles by Prior Achievement Level (Mathematics SS)

Prior Achievement Level:
- Level 5 (32.8%)
- Level 4 (57.2%)
- Level 3 (8.6%)
- Level 2 (1.3%)
- Level 1 (0.1%)

Median Student Growth Percentile

Ceiling / Floor Effects Test

Student Growth Percentile Range

Current Observed Score Extremes (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:	[650,685]	84.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[685,693]	46.2	11.5	23.1	11.5	3.8	0.0	3.8	0.0	0.0	0.0	0.0	0.0	N = 26
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	18.7	20.1	54.5	N = 134

Student Growth Percentile Range

Prior Scale Score Decile/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/[650,749]	9.94	10.36	10.19	9.61	10.36	9.44	10.02	10.36	10.27	9.44	(9.4%)
2nd/[749,760]	10.14	9.75	9.44	10.37	9.20	10.92	9.91	9.67	10.06	10.53	(10%)
3rd/[760,767]	8.26	9.36	11.23	8.85	11.06	11.06	8.94	10.13	8.94	12.17	(9.1%)
4th/[767,773]	8.62	10.60	10.13	11.63	8.62	8.31	11.00	8.78	11.87	10.44	(9.8%)
5th/[773,779]	10.32	9.64	9.44	9.98	8.77	9.24	10.25	9.71	10.59	12.07	(11.5%)
6th/[779,784]	8.21	11.55	9.56	9.72	12.75	10.60	11.08	8.69	8.76	9.08	(9.7%)
7th/[784,789]	11.86	8.40	11.29	8.15	9.72	11.37	8.32	12.93	9.31	8.65	(9.4%)
8th/[789,795]	9.73	10.13	10.05	10.20	9.89	9.65	9.97	10.60	10.68	9.11	(9.9%)
9th/[795,804]	9.54	9.83	8.59	11.07	11.36	10.12	10.27	10.05	8.89	10.27	(10.7%)
10th/[804,850]	8.62	10.46	10.98	9.80	8.47	9.58	9.95	9.58	10.83	11.72	(10.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution