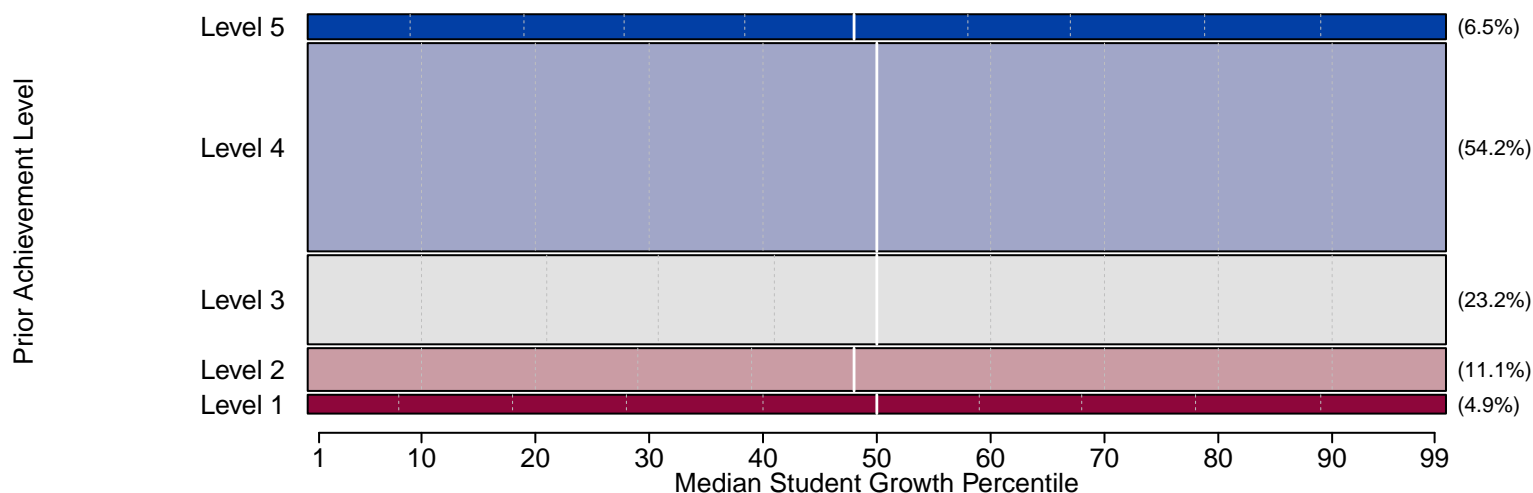# Student Growth Percentile Goodness–of–Fit Descriptives

2015–2016.2 Geometry SS SGP, Grade EOCT (N = 5,934)

SGP Deciles by Prior Achievement Level (Mathematics SS)

Prior Achievement Level	Percent
Level 5	(6.5%)
Level 4	(54.2%)
Level 3	(23.2%)
Level 2	(11.1%)
Level 1	(4.9%)

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:	[650,675]	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 = 22
	[675,683]	66.7	18.2	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
Highest OSS:	[793,797)	0.0	0.0	0.0	0.0	0.0	4.2	4.2	4.2	8.3	12.5	16.7	50.0	N = 24
	[797,821]	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3	13.3	13.3	13.3	53.3	N = 30

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	Percent
1st/[650,714)	9.45	10.48	9.97	9.62	10.48	10.48	10.65	9.79	9.97	9.11	(9.8%)
2nd/[714,730)	10.41	9.39	10.07	10.58	10.24	9.39	8.19	10.24	10.07	11.43	(9.9%)
3rd/[730,742)	9.50	10.88	9.15	9.67	11.23	8.12	11.05	9.15	10.71	10.54	(9.8%)
4th/[742,750)	9.89	8.29	10.69	9.41	9.57	11.96	9.57	10.37	10.69	9.57	(10.6%)
5th/[750,759)	6.77	11.84	12.35	11.00	9.64	8.29	11.00	11.00	7.28	10.83	(10%)
6th/[759,766)	10.55	10.91	8.36	9.09	9.27	11.45	9.64	9.45	10.73	10.55	(9.3%)
7th/[766,774)	10.97	9.68	8.39	10.16	11.13	9.84	9.03	8.39	10.97	11.45	(10.4%)
8th/[774,782)	9.86	10.04	10.39	8.78	8.42	9.50	9.86	12.37	11.11	9.68	(9.4%)
9th/[782,795)	9.20	9.67	7.64	12.32	11.54	10.45	10.30	8.89	9.36	10.61	(10.8%)
10th/[795,850]	9.67	9.83	12.00	9.00	9.33	9.67	10.33	10.50	9.67	10.00	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution