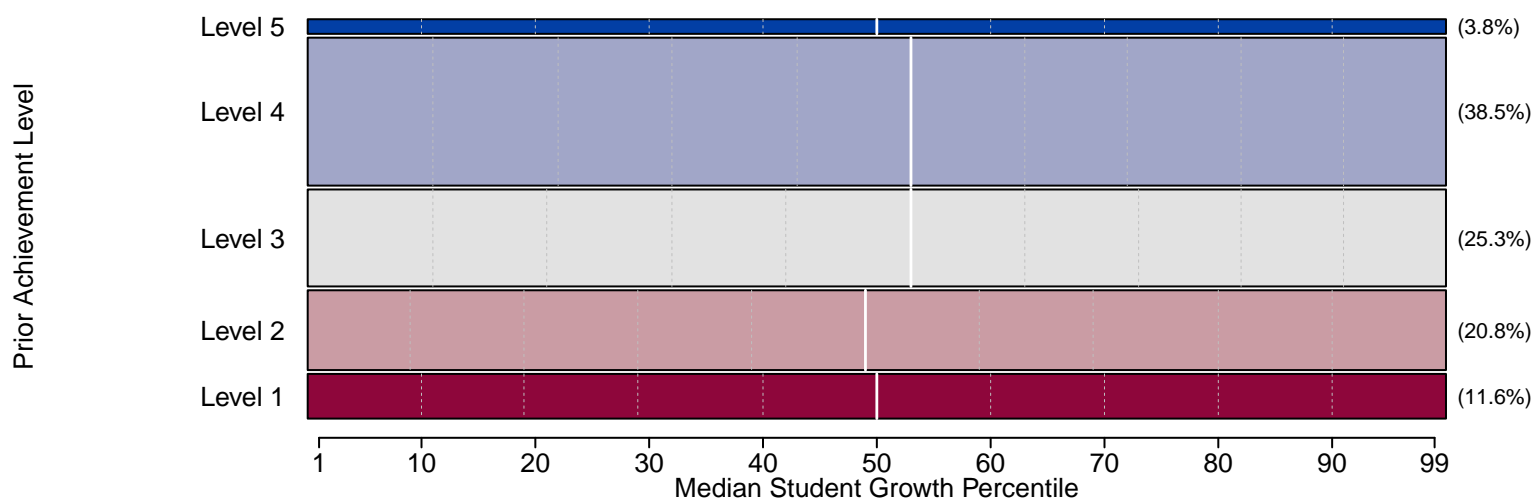# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Geometry SGP, Grade EOCT (N = 114,174)

SGP Deciles by Prior Achievement Level (Algebra I)

Prior Achievement Level	
Level 5	(3.8%)
Level 4	(38.5%)
Level 3	(25.3%)
Level 2	(20.8%)
Level 1	(11.6%)

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:	[−15,−4.3]	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 = 26
	[−4.2959]	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 = 31
Highest OSS:	[3.47,3.84]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4	7.4	81.5	N = 27
	[3.84,5.39]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	10.7	71.4	N = 28

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/[−15,−1.2)	9.94	10.00	10.05	9.68	9.85	10.50	9.80	9.94	9.97	10.27	(9.7%)
2nd/[−1.2,−0.841)	10.46	10.55	10.07	10.08	10.27	9.59	9.99	9.32	9.77	9.88	(9.9%)
3rd/[−0.841,−0.474)	9.63	10.53	10.18	9.98	10.11	9.52	9.45	9.97	9.53	11.10	(9.5%)
4th/[−0.474,−0.147)	9.79	9.24	10.10	9.68	9.22	10.01	10.10	9.60	10.30	11.96	(10.3%)
5th/[−0.147,0.18)	8.73	9.34	9.18	9.90	9.51	9.59	10.23	10.51	10.68	12.35	(10.1%)
6th/[0.18,0.479)	8.61	9.07	9.80	9.40	9.59	9.63	10.08	10.38	11.13	12.32	(10.3%)
7th/[0.479,0.809)	8.58	9.08	9.46	9.46	9.65	9.88	10.05	10.30	11.10	12.43	(10.1%)
8th/[0.809,1.17)	8.43	9.11	8.95	9.67	9.37	10.49	10.19	10.41	10.82	12.55	(9.7%)
9th/[1.17,1.64)	8.38	9.31	9.55	9.97	10.10	10.02	10.42	10.52	10.44	11.30	(10.2%)
10th/[1.64,7.51]	9.15	9.54	9.77	9.91	10.06	9.88	10.24	10.27	10.29	10.89	(10.2%)

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

QQ–Plot: Student Growth Percentiles