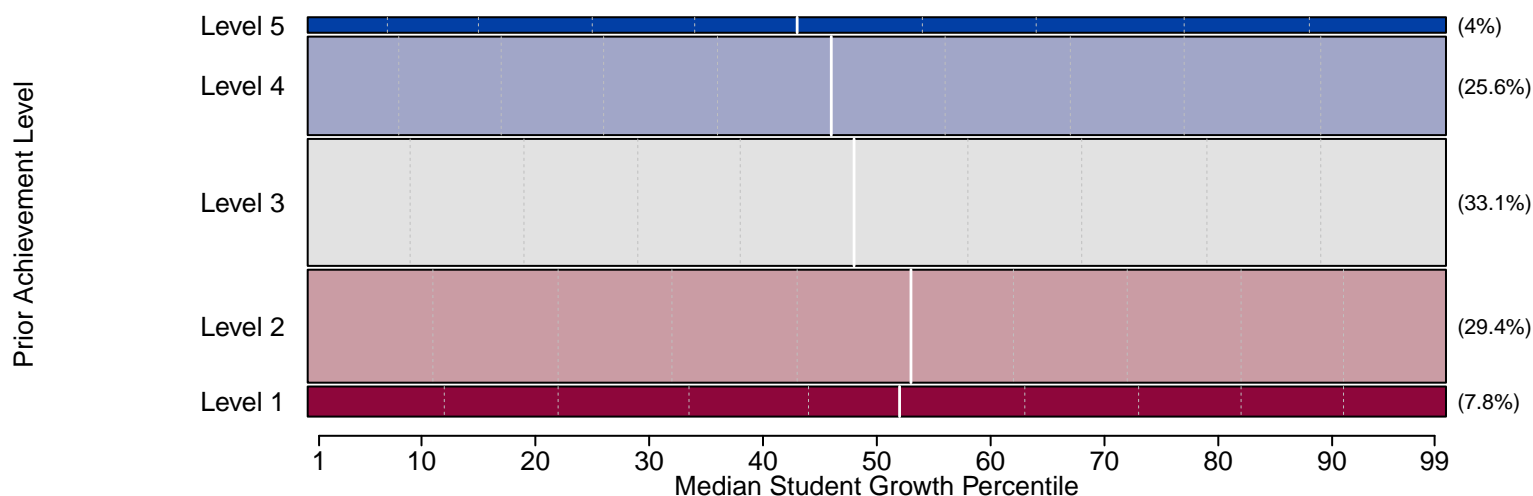# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Algebra II SS SGP SIMEX Ranked, Grade EOCT (N = 79,483)

SGP Deciles by Prior Achievement Level (Geometry SS)

Prior Achievement Level

Level	(%)
Level 5	(4%)
Level 4	(25.6%)
Level 3	(33.1%)
Level 2	(29.4%)
Level 1	(7.8%)

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]	54.5	26.8	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 2235
Highest OSS:	[850]	0.0	0.0	0.0	0.6	4.7	6.5	4.7	8.3	7.7	20.7	10.7	36.1	N = 169

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/[650,701)	4.98	11.08	9.70	10.98	9.22	10.27	10.90	10.45	10.77	11.63	(9.1%)
2nd/[701,712)	8.54	8.70	9.23	9.57	10.02	10.15	9.72	11.44	9.85	12.77	(10.8%)
3rd/[712,720)	8.22	9.51	10.05	9.70	9.61	10.32	9.98	10.60	10.95	11.08	(9.2%)
4th/[720,727)	9.39	9.28	9.74	9.60	9.86	9.78	10.09	10.39	10.60	11.26	(9.6%)
5th/[727,734)	9.81	10.68	10.00	10.08	10.35	9.63	9.85	10.22	9.82	9.57	(9.8%)
6th/[734,741)	9.69	9.69	10.26	10.86	10.17	9.94	10.46	9.16	10.10	9.67	(10.3%)
7th/[741,749)	11.08	11.02	9.84	10.09	9.61	10.11	9.97	9.40	9.00	9.88	(9.6%)
8th/[749,759)	11.49	10.71	10.59	9.80	10.12	9.67	9.40	9.38	9.16	9.67	(11.1%)
9th/[759,771)	12.28	10.89	10.67	9.68	10.30	9.49	9.66	8.98	8.98	9.07	(10.3%)
10th/[771,850]	12.31	11.14	10.74	10.64	9.65	9.44	9.44	9.35	8.59	8.70	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution