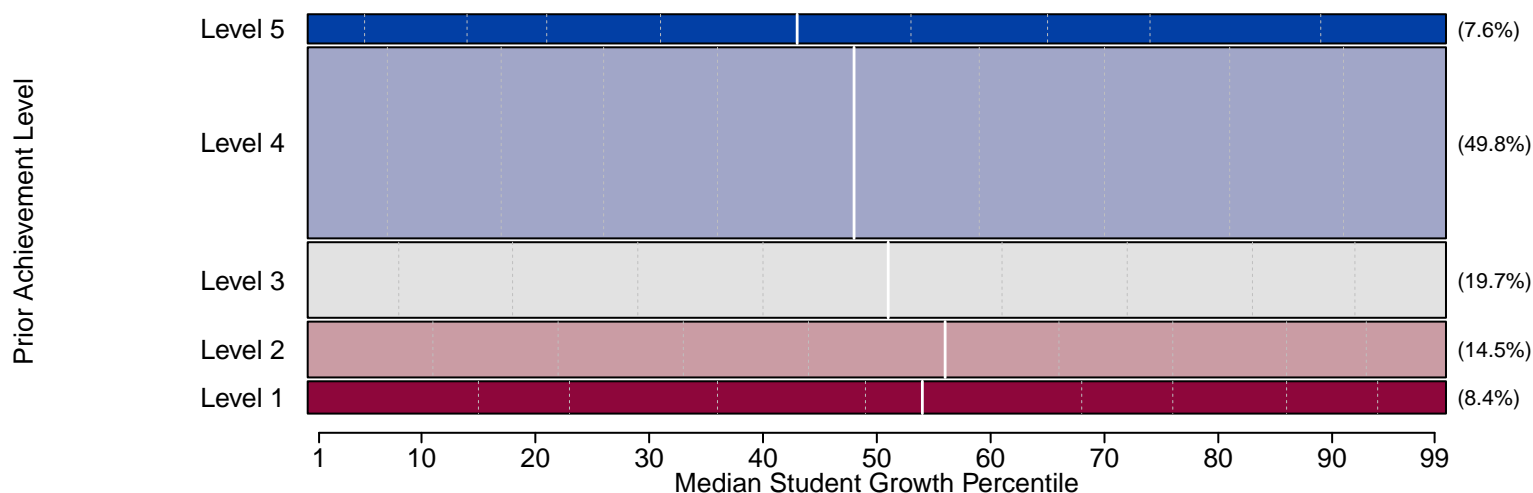# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Algebra II SS SGP SIMEX, Grade EOCT (N = 13,572)

SGP Deciles by Prior Achievement Level (Algebra I SS)

Prior Achievement Level	
Level 5	(7.6%)
Level 4	(49.8%)
Level 3	(19.7%)
Level 2	(14.5%)
Level 1	(8.4%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

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]	27.9	20.2	51.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 341
Highest OSS:	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.3	0.0	7.2	7.2	36.2	N = 69

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/[650,702)	0.00	16.28	8.14	12.21	6.41	10.17	9.12	11.61	11.38	14.69	(9.8%)
2nd/[702,719)	7.77	10.67	6.71	11.89	6.71	11.66	8.69	11.13	10.14	14.63	(9.7%)
3rd/[719,734)	9.27	8.40	9.56	8.11	8.11	10.79	10.64	9.70	10.64	14.77	(10.2%)
4th/[734,746)	10.84	10.46	9.56	9.71	10.01	7.52	8.80	10.61	10.91	11.59	(9.8%)
5th/[746,757)	11.69	10.50	10.99	7.35	8.96	9.17	9.45	9.17	8.54	14.15	(10.5%)
6th/[757,766)	13.25	9.21	7.54	10.40	9.44	9.68	9.37	8.33	9.84	12.94	(9.3%)
7th/[766,775)	14.09	11.76	9.27	9.04	8.14	9.12	7.69	8.29	10.17	12.43	(9.8%)
8th/[775,786)	12.00	10.75	10.82	9.00	10.05	8.37	9.56	8.72	8.93	11.79	(10.6%)
9th/[786,800)	13.64	9.69	10.05	9.98	9.26	8.40	9.55	9.26	8.97	11.20	(10.3%)
10th/[800,850]	14.62	13.02	8.68	9.91	8.83	8.97	11.36	7.38	8.68	8.54	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100