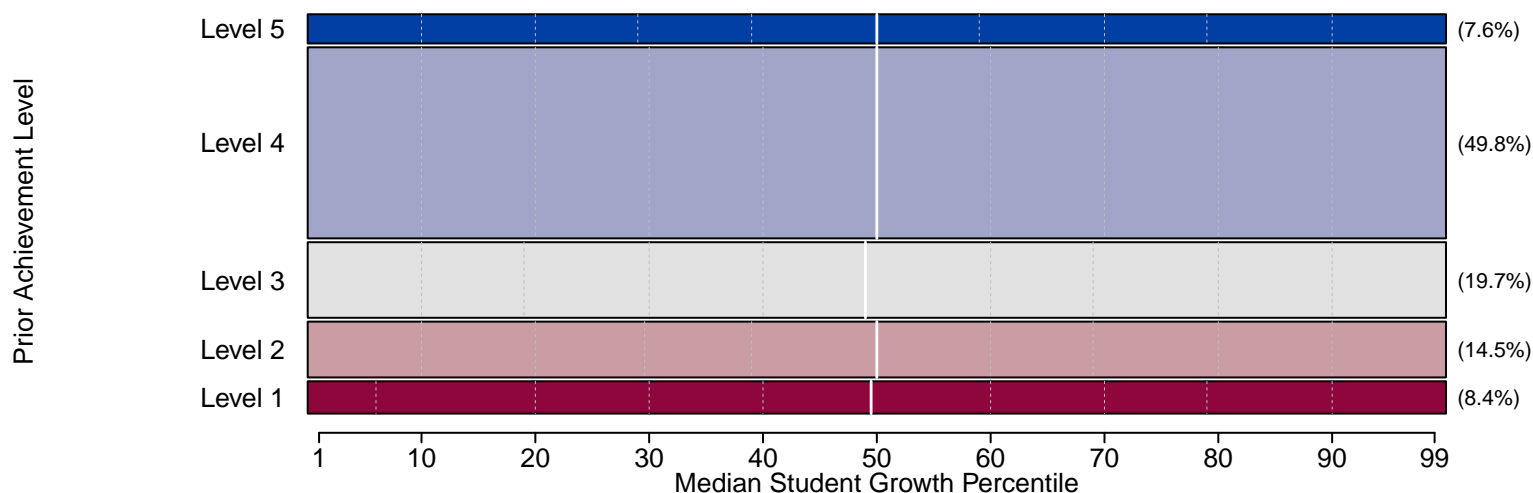# Student Growth Percentile Goodness–of–Fit Descriptives

2016–2017.2 Algebra II SS SGP, Grade EOCT (N = 13,572)

SGP Deciles by Prior Achievement Level (Algebra I SS)

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

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]	83.6	14.4	2.1	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	0.0	46.4	0.0	10.1	43.5	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)	12.28	7.31	9.57	10.70	9.87	10.02	10.10	10.78	8.82	10.55	(9.8%)
2nd/[702,719)	9.83	10.59	10.44	9.76	9.83	9.98	11.05	8.61	9.76	10.14	(9.7%)
3rd/[719,734)	9.27	9.34	10.21	9.49	10.28	10.86	8.98	10.14	10.50	10.93	(10.2%)
4th/[734,746)	9.56	10.61	9.26	10.99	10.53	7.98	11.51	10.61	9.48	9.48	(9.8%)
5th/[746,757)	9.10	9.73	11.62	8.89	9.59	9.87	10.29	9.38	10.01	11.48	(10.5%)
6th/[757,766)	9.76	9.84	6.90	10.32	10.95	12.22	9.60	9.76	10.00	10.63	(9.3%)
7th/[766,775)	10.55	10.55	10.63	10.93	7.46	10.70	8.97	9.42	10.40	10.40	(9.8%)
8th/[775,786)	8.37	10.40	11.51	9.49	10.68	8.51	10.47	10.82	9.42	10.33	(10.6%)
9th/[786,800)	9.55	9.26	9.62	10.62	10.77	9.12	10.70	9.83	9.91	10.62	(10.3%)
10th/[800,850]	9.99	10.20	9.77	9.62	9.84	10.35	10.06	11.14	9.19	9.84	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution