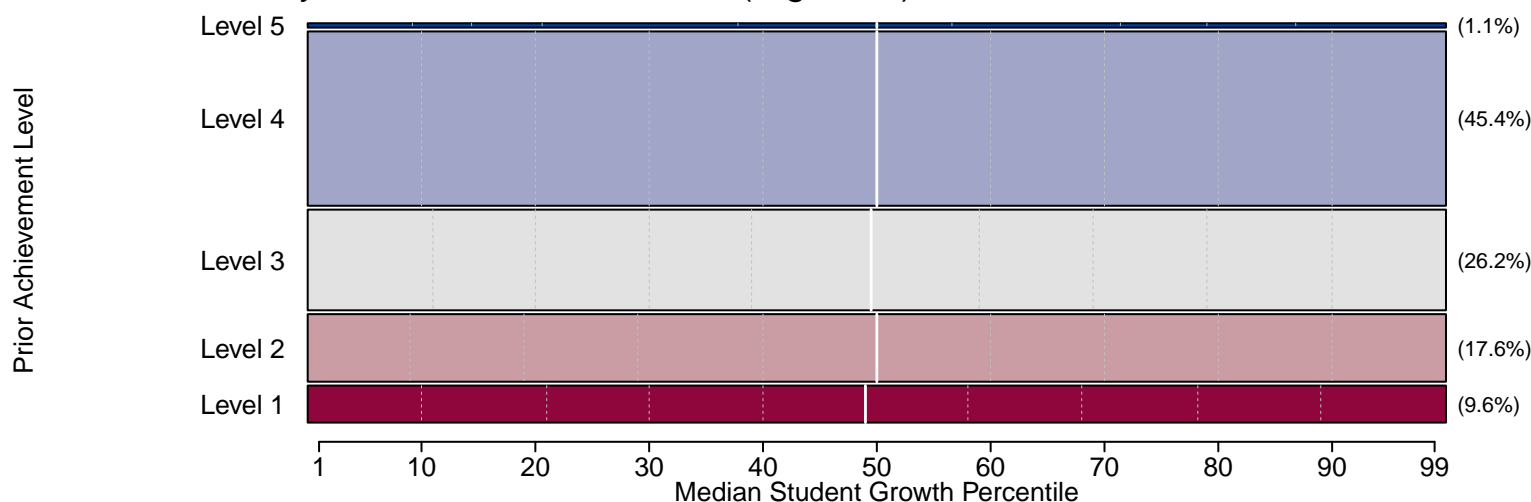# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Algebra II SGP, Grade EOCT (N = 5,546)

SGP Deciles by Prior Achievement Level (Algebra I)

Prior Achievement Level	
Level 5	(1.1%)
Level 4	(45.4%)
Level 3	(26.2%)
Level 2	(17.6%)
Level 1	(9.6%)

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:	[−4.56,−2.99)	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 = 27
	[−2.99,−2.38)	84.4	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
Highest OSS:	[2.02,2.22)	0.0	0.0	4.0	0.0	4.0	0.0	0.0	4.0	8.0	24.0	16.0	40.0	N = 25
	[2.22,2.97]	0.0	0.0	0.0	0.0	12.0	0.0	4.0	0.0	8.0	8.0	12.0	56.0	N = 25

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/[−4.75,−1.16)	9.16	9.72	10.47	10.28	10.84	11.03	9.35	10.09	9.16	9.91	(9.6%)
2nd/[−1.16,−0.71)	10.88	9.73	9.73	9.73	8.40	8.78	10.31	10.88	10.50	11.07	(10.3%)
3rd/[−0.71,−0.3)	9.52	11.13	9.69	9.16	10.77	9.87	10.05	9.87	9.87	10.05	(9.3%)
4th/[−0.3,0.03)	9.64	8.12	9.48	12.18	9.81	10.32	10.32	8.63	10.15	11.34	(10.7%)
5th/[0.03,0.34)	8.41	11.53	11.06	9.97	9.19	10.90	9.03	10.90	10.12	8.88	(9.9%)
6th/[0.34,0.57)	10.34	9.91	9.91	8.19	10.34	8.84	10.78	9.27	9.70	12.72	(9.8%)
7th/[0.57,0.82)	10.12	9.25	9.42	9.95	10.65	10.12	9.95	10.99	9.25	10.30	(10%)
8th/[0.82,1.06)	9.24	10.33	11.23	8.88	9.78	9.06	10.69	9.24	10.14	11.41	(9.6%)
9th/[1.06,1.39)	10.53	10.89	7.99	11.62	8.89	11.25	9.26	10.16	11.25	8.17	(10.6%)
10th/[1.39,4.02]	9.16	9.16	10.95	9.87	10.95	9.69	9.87	10.23	9.34	10.77	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution