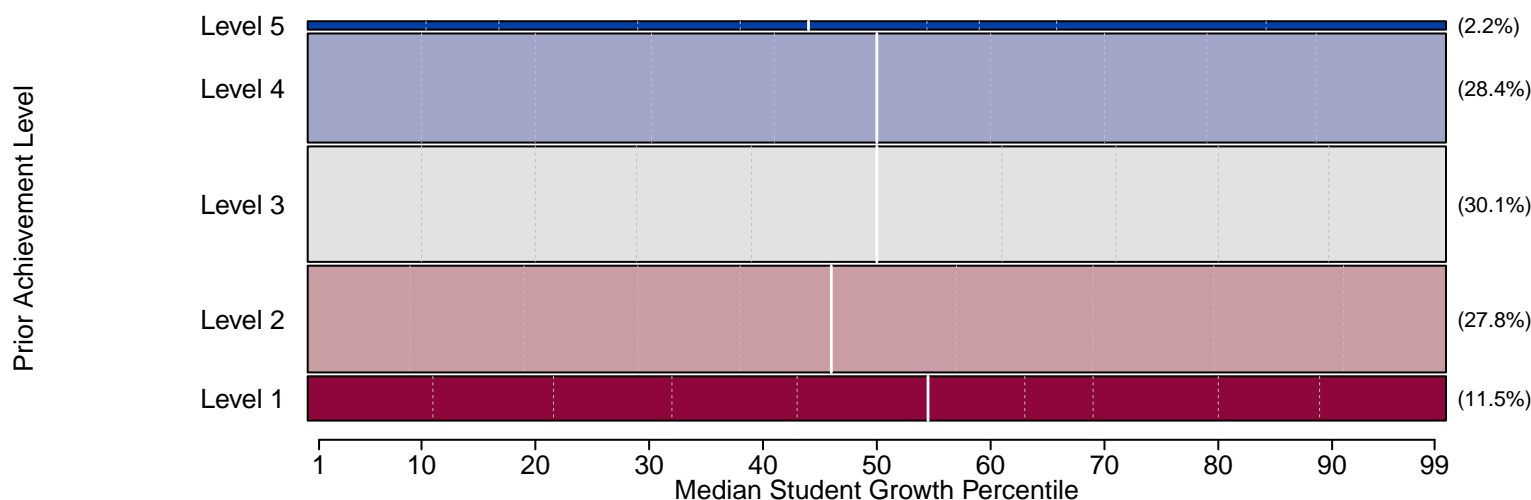# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Algebra II SGP, Grade EOCT (N = 1,144)

SGP Deciles by Prior Achievement Level (Geometry)

Prior Achievement Level	
Level 5	(2.2%)
Level 4	(28.4%)
Level 3	(30.1%)
Level 2	(27.8%)
Level 1	(11.5%)

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:	[−4.19,−1.96]	96.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
	[−1.96,−1.65]	27.3	45.5	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
Highest OSS:	[1.9,2.07]	0.0	0.0	0.0	7.4	3.7	11.1	3.7	7.4	11.1	18.5	18.5	18.5	N = 27
	[2.07,3.55]	0.0	0.0	0.0	0.0	0.0	7.4	11.1	14.8	18.5	11.1	7.4	29.6	N = 27

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/[−4.31,−1.47)	10.84	10.84	12.05	10.84	10.84	9.64	13.25	7.23	6.02	8.43	(7.4%)
2nd/[−1.47,−0.95)	10.88	10.20	8.84	9.52	9.52	8.16	10.88	10.20	11.56	10.20	(12.3%)
3rd/[−0.95,−0.66)	7.20	11.20	12.00	8.00	16.00	7.20	8.00	8.80	9.60	12.00	(7.1%)
4th/[−0.66,−0.31)	10.75	7.53	6.45	13.98	7.53	11.83	10.75	8.60	10.75	11.83	(12.5%)
5th/[−0.31,−0.01)	9.09	10.61	11.36	9.85	5.30	13.64	11.36	12.88	9.09	6.82	(9.4%)
6th/[−0.01,0.31)	8.14	10.47	9.30	4.65	13.95	4.65	8.14	11.63	16.28	12.79	(9.7%)
7th/[0.31,0.64)	11.19	9.09	12.59	11.19	9.79	9.79	9.79	6.29	8.39	11.89	(11%)
8th/[0.64,0.97)	8.18	10.00	6.36	11.82	12.73	11.82	12.73	13.64	5.45	7.27	(9%)
9th/[0.97,1.3)	12.77	10.64	12.77	6.38	6.38	9.57	10.64	6.38	11.70	12.77	(10.3%)
10th/[1.3,2.82]	10.08	9.30	9.30	10.08	11.63	10.08	8.53	10.85	11.63	8.53	(11.3%)

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

QQ–Plot: Student Growth Percentiles