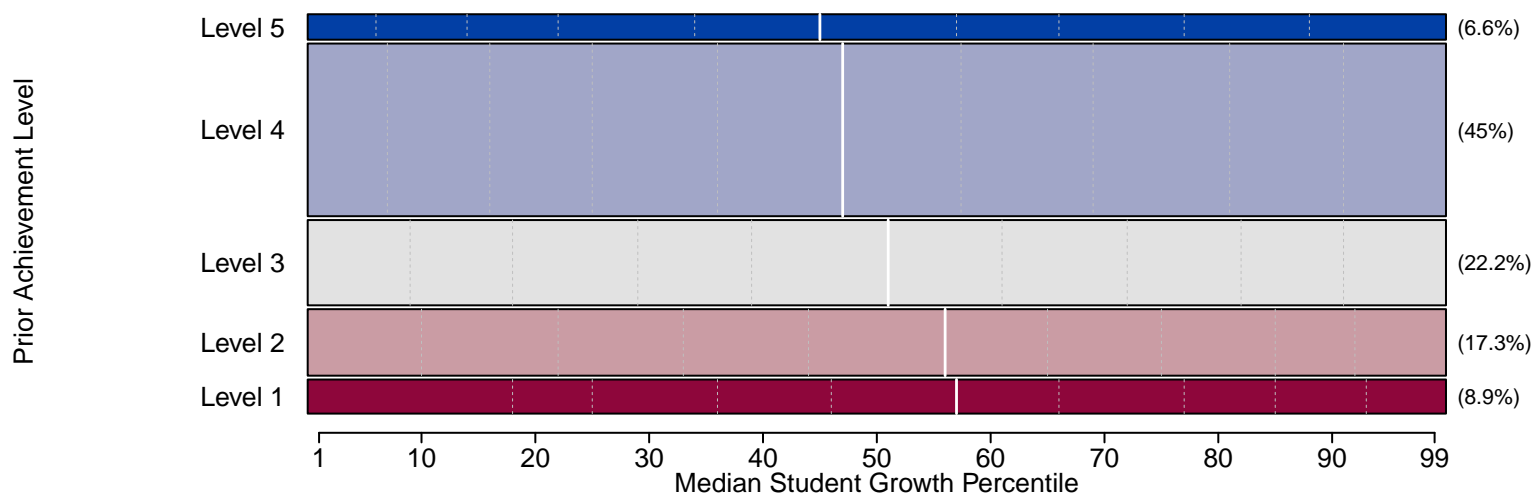# Student Growth Percentile Goodness–of–Fit Descriptives
2015–2016.2 Algebra II SS SGP SIMEX, Grade EOCT (N = 11,698)

SGP Deciles by Prior Achievement Level (Algebra I SS)

Prior Achievement Level	Median Student Growth Percentile	
Level 5		(6.6%)
Level 4		(45%)
Level 3		(22.2%)
Level 2		(17.3%)
Level 1		(8.9%)

Median Student Growth Percentile axis: 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]	29.0	25.1	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 359
Highest OSS:	[846,850)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.5	0.0	7.7	15.4	38.5	N = 13
	[850]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	37.5	0.0	12.5	42.5	N = 40

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)	1.25	14.34	9.05	8.60	10.84	6.18	12.37	10.04	13.35	13.98	(9.5%)
2nd/[701,716)	9.35	9.09	8.49	7.38	9.52	10.03	9.61	11.84	10.63	14.07	(10%)
3rd/[716,730)	9.58	9.25	9.01	9.09	9.09	9.01	9.58	11.38	11.06	12.94	(10.4%)
4th/[730,741)	10.16	10.33	10.33	9.90	7.90	9.64	10.24	8.85	10.33	12.33	(9.8%)
5th/[741,751)	11.25	10.90	11.42	8.02	10.46	8.63	9.24	9.94	8.54	11.60	(9.8%)
6th/[751,760)	12.59	10.79	11.15	8.54	8.45	8.99	9.17	9.62	8.72	11.96	(9.5%)
7th/[760,770)	12.14	11.22	9.56	7.81	9.81	8.89	8.40	9.48	10.39	12.30	(10.3%)
8th/[770,781)	12.99	11.62	9.40	9.74	7.09	12.39	7.44	8.63	10.51	10.17	(10%)
9th/[781,797)	12.80	9.29	10.43	9.37	10.02	10.43	8.96	8.64	8.64	11.41	(10.5%)
10th/[797,850)	13.77	12.58	10.81	9.46	9.12	8.45	8.95	9.54	8.28	9.04	(10.1%)

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

QQ–Plot: Student Growth Percentiles