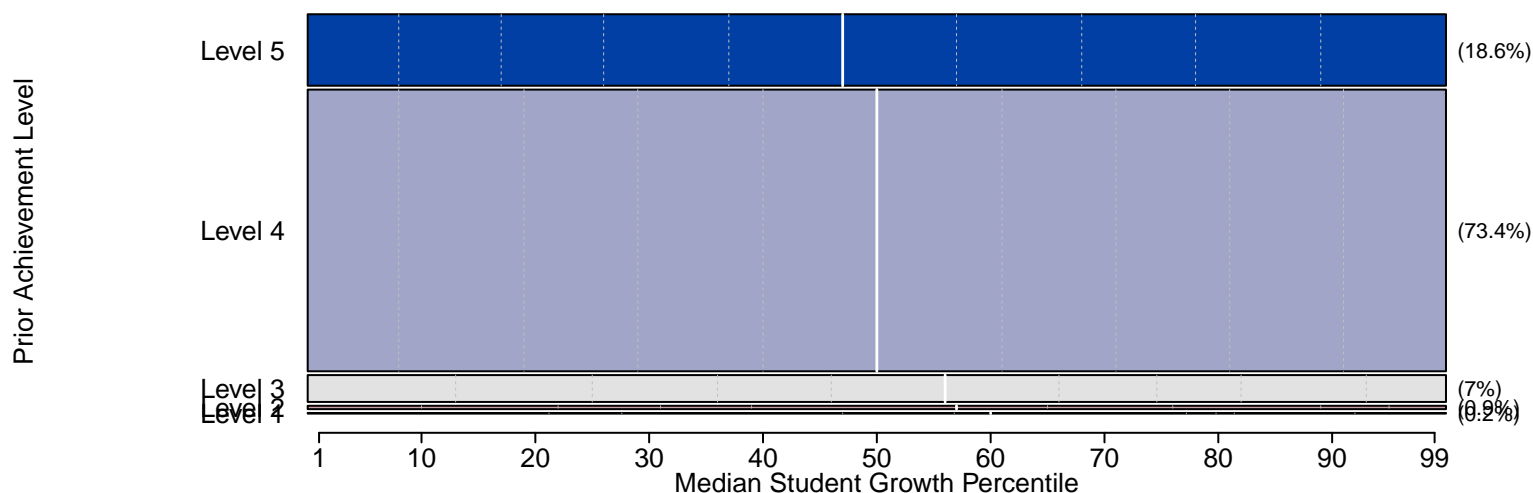# Student Growth Percentile Goodness–of–Fit Descriptives

2016–2017.2 Geometry SGP SIMEX, Grade EOCT (N = 9,285)

SGP Deciles by Prior Achievement Level (Algebra I)

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:	[−4.07,−0.833)	68.0	16.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[−0.833,−0.622)	41.4	3.4	31.0	3.4	6.9	0.0	3.4	3.4	3.4	3.4	0.0	0.0	N = 29
Highest OSS:	[3.46,3.67)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	4.8	33.3	47.6	N = 21
	[3.67,5.39]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	10.3	6.9	75.9	N = 29

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/[−4.48,0.51)	8.41	9.05	9.16	8.84	10.13	9.81	10.45	10.13	10.78	13.25	(10%)
2nd/[0.51,0.83)	8.78	9.18	8.58	9.79	10.19	9.38	9.89	9.38	10.80	14.03	(10%)
3rd/[0.83,1.08)	9.47	8.86	9.95	9.10	8.62	8.74	10.32	11.29	11.65	12.01	(10%)
4th/[1.08,1.29)	11.32	9.03	10.01	11.10	9.25	8.60	10.34	10.12	8.92	11.32	(9.5%)
5th/[1.29,1.48)	11.69	9.40	9.62	7.65	9.40	10.49	9.40	9.95	10.16	12.24	(9.9%)
6th/[1.48,1.67)	11.04	11.84	10.25	8.96	10.35	7.16	10.05	9.55	9.55	11.24	(10.4%)
7th/[1.67,1.87)	12.12	8.53	9.76	8.87	10.21	9.09	10.10	9.65	8.98	12.68	(10%)
8th/[1.87,2.11)	12.13	9.37	10.14	10.92	9.48	10.14	10.36	8.93	8.38	10.14	(10.1%)
9th/[2.11,2.49)	9.74	11.81	10.05	9.64	9.53	10.47	10.16	8.70	9.64	10.26	(10.1%)
10th/[2.49,6.17]	12.69	12.58	10.02	9.17	8.32	10.13	8.96	9.59	9.17	9.38	(10.1%)

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

QQ–Plot: Student Growth Percentiles