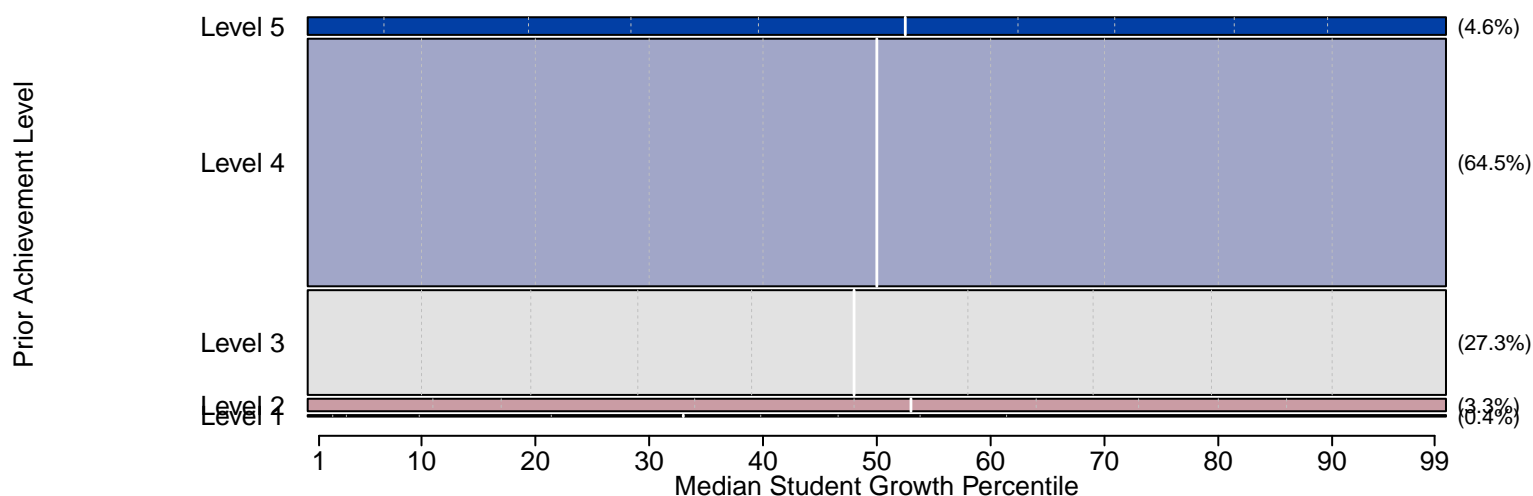# Student Growth Percentile Goodness–of–Fit Descriptives

2015–2016.2 Integrated Math 1 SGP, Grade EOCT (N = 1,261)

SGP Deciles by Prior Achievement Level (Mathematics)

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:[−4.174,−0.7831)	63.6	18.2	9.1	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 22
[−0.7831,−0.4727)	27.6	3.4	34.5	17.2	10.3	3.4	3.4	0.0	0.0	0.0	0.0	0.0	N = 29
Highest OSS: [2.452,2.756)	0.0	0.0	0.0	3.7	3.7	3.7	0.0	11.1	18.5	29.6	7.4	22.2	N = 27
[2.756,3.828]	3.6	0.0	3.6	0.0	3.6	3.6	14.3	7.1	7.1	14.3	14.3	28.6	N = 28

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/[−2.083,0.0162)	11.90	10.32	8.73	11.11	11.11	9.52	10.32	7.94	9.52	9.52	(10%)
2nd/[0.0162,0.3571)	5.56	10.32	13.49	9.52	8.73	10.32	10.32	9.52	11.11	11.11	(10%)
3rd/[0.3571,0.5803)	13.49	9.52	8.73	10.32	11.90	7.94	7.94	11.90	7.94	10.32	(10%)
4th/[0.5803,0.7679)	10.32	11.90	7.14	9.52	8.73	13.49	12.70	6.35	9.52	10.32	(10%)
5th/[0.7679,0.9425)	8.73	7.14	8.73	10.32	10.32	10.32	11.11	13.49	11.11	8.73	(10%)
6th/[0.9425,1.122)	8.80	11.20	8.80	10.40	9.60	7.20	10.40	14.40	12.00	7.20	(9.9%)
7th/[1.122,1.272)	9.45	7.87	14.17	11.81	7.87	7.09	10.24	7.09	9.45	14.96	(10.1%)
8th/[1.272,1.485)	12.70	10.32	11.90	6.35	13.49	12.70	4.76	6.35	9.52	11.90	(10%)
9th/[1.485,1.772)	5.60	12.00	8.80	10.40	9.60	13.60	13.60	11.20	6.40	8.80	(9.9%)
10th/[1.772,3.08]	11.72	9.38	9.38	10.94	8.59	7.03	10.16	10.94	12.50	9.38	(10.2%)

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

QQ–Plot: Student Growth Percentiles