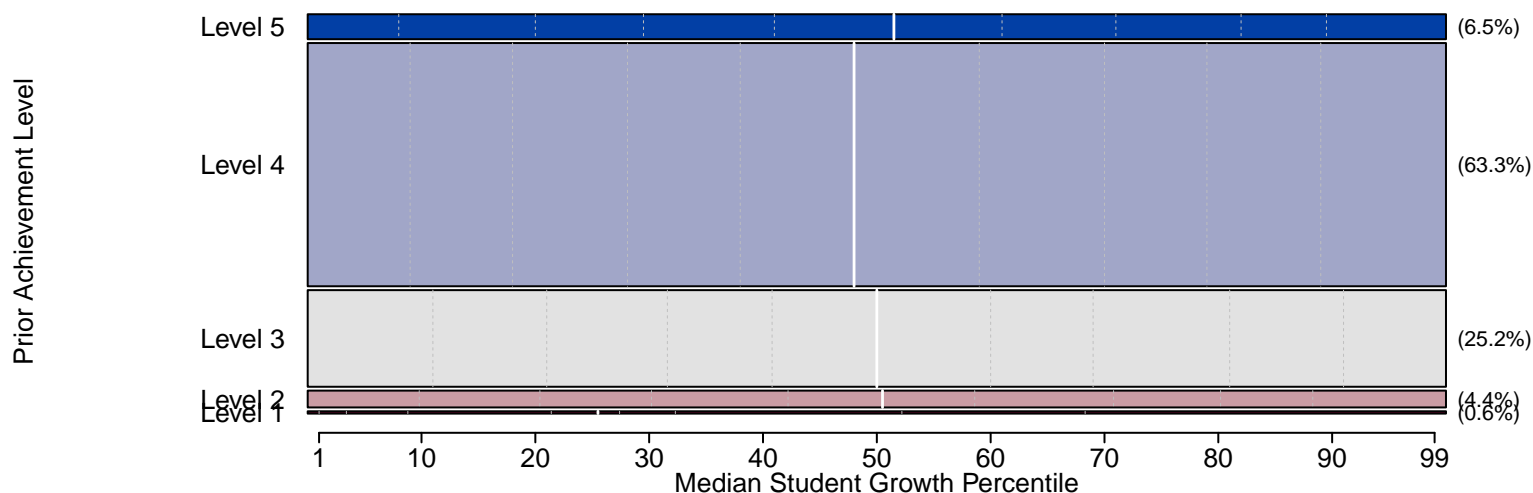# Student Growth Percentile Goodness–of–Fit Descriptives

2016–2017.2 Integrated Math 1 SGP, Grade EOCT (N = 1,323)

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:	[−15,−0.861)	54.5	9.1	4.5	13.6	13.6	0.0	0.0	4.5	0.0	0.0	0.0	0.0	N = 22
	[−0.861,−0.621)	57.1	3.6	17.9	7.1	3.6	7.1	0.0	0.0	3.6	0.0	0.0	0.0	N = 28
Highest OSS:	[2.58,2.82]	0.0	0.0	10.5	0.0	0.0	5.3	15.8	5.3	10.5	10.5	10.5	31.6	N = 19
	[2.82,3.93]	3.1	0.0	0.0	0.0	3.1	3.1	0.0	3.1	15.6	25.0	21.9	25.0	N = 32

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/[−5.29,−0.082]	13.74	9.92	9.16	9.16	10.69	8.40	8.40	12.21	11.45	6.87	(9.9%)
2nd/[−0.082,0.291)	9.16	9.92	10.69	13.74	9.16	12.21	9.16	6.11	7.63	12.21	(9.9%)
3rd/[0.291,0.524)	8.94	6.50	8.94	8.94	11.38	9.76	13.01	8.13	10.57	13.82	(9.3%)
4th/[0.524,0.761)	7.69	11.19	9.79	6.99	10.49	10.49	9.09	12.59	12.59	9.09	(10.8%)
5th/[0.761,0.971)	16.92	10.00	9.23	6.92	8.46	4.62	10.77	10.00	9.23	13.85	(9.8%)
6th/[0.971,1.16)	9.92	14.50	12.21	10.69	6.11	11.45	9.16	11.45	8.40	6.11	(9.9%)
7th/[1.16,1.31)	9.49	9.49	10.22	12.41	11.68	10.22	6.57	10.22	10.95	8.76	(10.4%)
8th/[1.31,1.56)	9.09	9.85	9.09	13.64	10.61	9.85	10.61	9.85	7.58	9.85	(10%)
9th/[1.56,1.84)	9.45	7.87	11.81	9.45	13.39	10.24	8.66	7.87	9.45	11.81	(9.6%)
10th/[1.84,15]	10.87	8.70	10.14	6.52	8.70	11.59	10.87	10.14	11.59	10.87	(10.4%)

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

QQ–Plot: Student Growth Percentiles