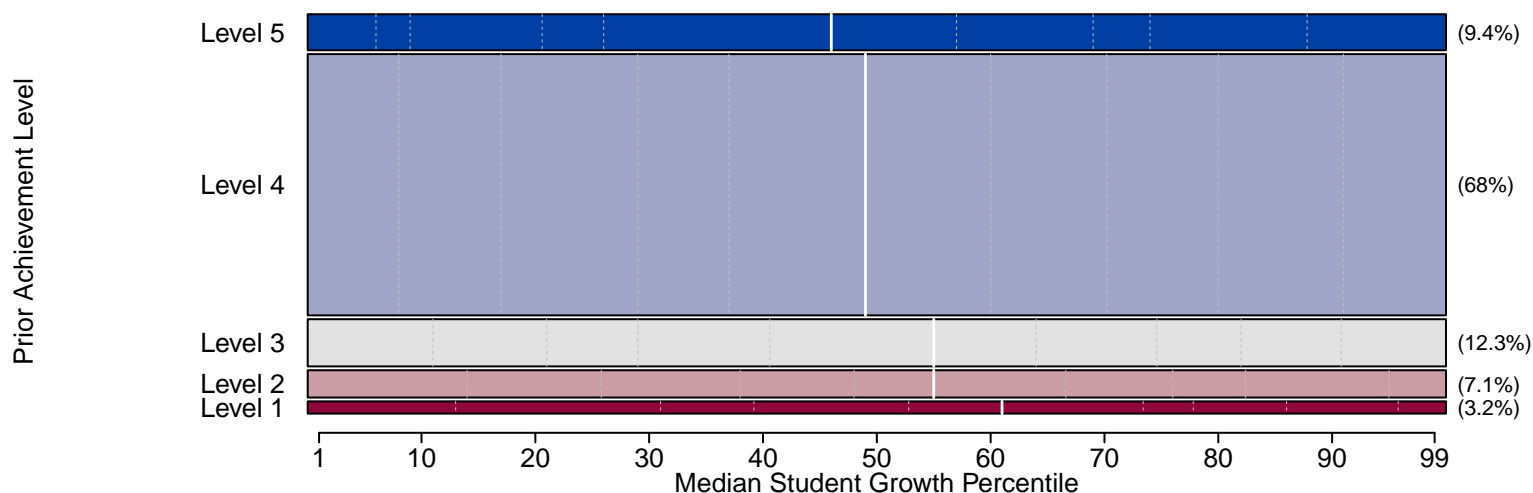# Student Growth Percentile Goodness–of–Fit Descriptives
2016–2017.2 Integrated Math 2 SS SGP SIMEX, Grade EOCT (N = 1,098)

SGP Deciles by Prior Achievement Level (Integrated Math 1 SS)

Prior Achievement Level

Level	(%)
Level 5	(9.4%)
Level 4	(68%)
Level 3	(12.3%)
Level 2	(7.1%)
Level 1	(3.2%)

Median Student Growth Percentile

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:	[650,692)	31.2	12.5	25.0	12.5	12.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
	[692,702)	18.8	3.1	15.6	3.1	15.6	12.5	12.5	6.2	12.5	0.0	0.0	0.0	N = 32
Highest OSS:	[802,811)	3.4	0.0	0.0	3.4	0.0	3.4	6.9	13.8	17.2	20.7	6.9	24.1	N = 29
	[811,850]	0.0	0.0	0.0	6.9	0.0	10.3	10.3	0.0	20.7	13.8	6.9	31.0	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/[652,724)	7.61	7.61	5.43	13.04	10.87	6.52	8.70	18.48	7.61	14.13	(8.4%)
2nd/[724,748)	9.68	10.48	9.68	8.06	6.45	8.06	13.71	7.26	12.90	13.71	(11.3%)
3rd/[748,759)	9.17	6.42	11.01	10.09	10.09	10.09	13.76	9.17	9.17	11.01	(9.9%)
4th/[759,763)	11.27	9.86	8.45	14.08	11.27	4.23	7.04	11.27	7.04	15.49	(6.5%)
5th/[763,770)	12.70	6.35	11.11	9.52	8.73	6.35	8.73	13.49	8.73	14.29	(11.5%)
6th/[770,775)	10.57	11.38	8.94	4.88	10.57	4.07	10.57	14.63	13.82	10.57	(11.2%)
7th/[775,782)	11.21	12.93	15.52	11.21	2.59	12.93	8.62	6.03	6.03	12.93	(10.6%)
8th/[782,789)	8.65	10.58	6.73	10.58	7.69	10.58	8.65	13.46	9.62	13.46	(9.5%)
9th/[789,798)	18.10	11.21	6.90	15.52	7.76	8.62	8.62	7.76	9.48	6.03	(10.6%)
10th/[798,850)	19.66	8.55	12.82	7.69	6.84	9.40	6.84	11.97	7.69	8.55	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution