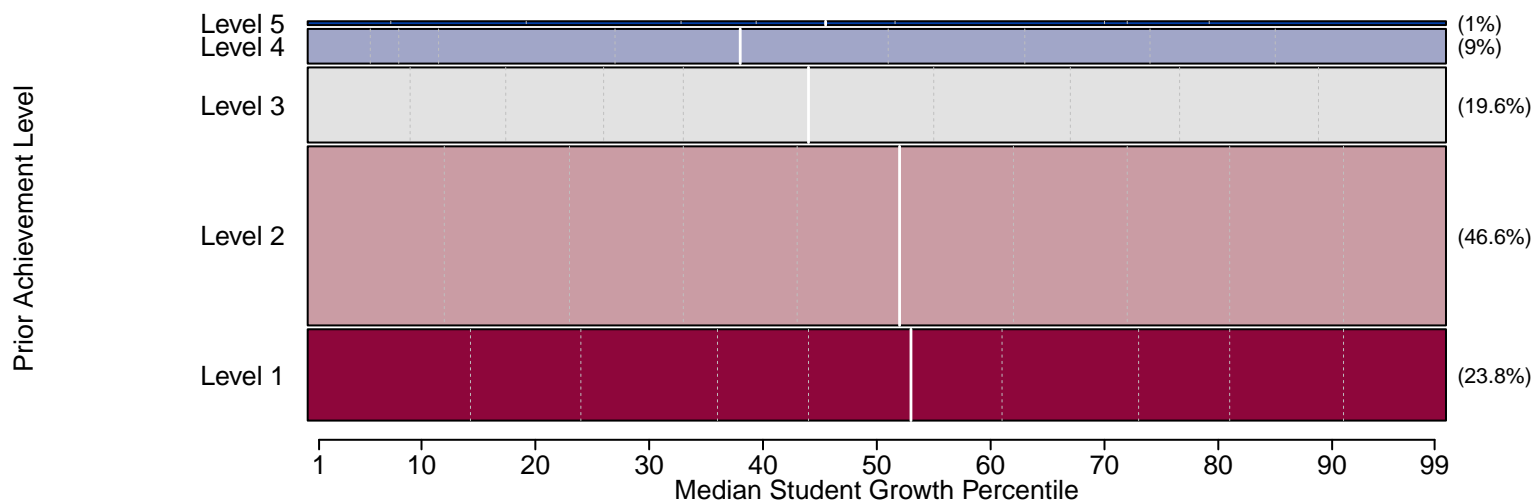


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Algebra I SS SGP SIMEX Ranked, Grade EOCT (N = 1,396)

## SGP Deciles by Prior Achievement Level (Geometry SS)



## Ceiling / Floor Effects Test

Current Observed Score Extremes (Range)		Student Growth Percentile 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:	[650,663]	96.6	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 29
	[663,669]	22.2	58.3	16.7	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	N = 36
Highest OSS:	[803,816]	8.0	0.0	4.0	0.0	8.0	12.0	12.0	20.0	8.0	24.0	4.0	0.0	N = 25
	[816,850]	0.0	0.0	0.0	3.8	3.8	7.7	3.8	11.5	19.2	23.1	7.7	19.2	N = 26

## Student Growth Percentile Range

Prior Scale Score Decile/Range*		Student Growth Percentile 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/[650,688]		7.91	4.32	14.39	6.47	12.23	13.67	5.76	12.95	8.63	13.67	(10%)
2nd/[688,696]		7.96	2.65	11.50	9.73	12.39	12.39	8.85	7.08	16.81	10.62	(8.1%)
3rd/[696,702]		6.13	11.66	4.91	14.11	7.98	14.11	7.36	10.43	10.43	12.88	(11.7%)
4th/[702,707]		4.20	15.13	7.56	7.56	7.56	8.40	16.81	10.92	10.08	11.76	(8.5%)
5th/[707,713]		11.92	11.26	10.60	9.27	6.62	7.95	13.91	7.28	9.93	11.26	(10.8%)
6th/[713,718]		2.65	7.95	9.93	13.25	17.22	6.62	13.91	9.27	10.60	8.61	(10.8%)
7th/[718,724]		9.80	10.78	11.76	10.78	6.86	8.82	7.84	11.76	8.82	12.75	(7.3%)
8th/[724,732]		10.71	11.31	8.93	8.33	13.10	6.55	11.90	10.71	8.93	9.52	(12%)
9th/[732,750]		10.67	12.00	15.33	10.00	6.67	12.67	5.33	11.33	6.00	10.00	(10.7%)
10th/[750,800]		23.57	10.71	6.43	9.29	7.14	10.00	7.86	7.86	11.43	5.71	(10%)

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

## QQ-Plot: Student Growth Percentiles

