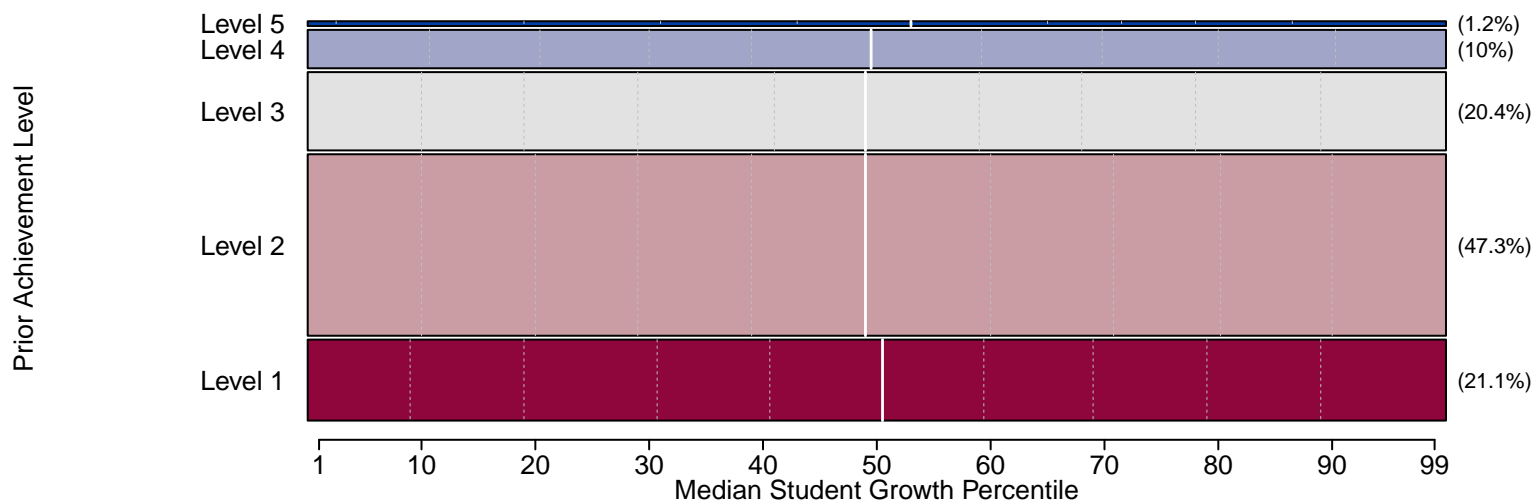


# Student Growth Percentile Goodness-of-Fit Descriptives

2018–2019.1 Algebra I SGP, Grade EOCT (N = 1,280)

## SGP Deciles by Prior Achievement Level (Geometry)



## Ceiling / Floor Effects Test

		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	
Current Observed Score Extremes (Range)	Lowest OSS:	[-15,-1.9]	85.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 35
		[-1.902]	37.8	29.7	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 37
	Highest OSS:	[2.034,2.38]	3.7	0.0	0.0	7.4	14.8	3.7	7.4	14.8	7.4	14.8	18.5	N = 27
		[2.38,4.131]	7.4	0.0	3.7	0.0	3.7	3.7	7.4	7.4	14.8	22.2	11.1	N = 27

## 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/[-3.8,-1.6]	11.72	11.72	11.72	7.81	7.03	10.94	11.72	8.59	9.38	9.38	(10%)
2nd/[-1.6,-1.4]	8.08	8.08	3.03	16.16	13.13	11.11	15.15	7.07	10.10	8.08	(7.7%)
3rd/[-1.4,-1.1]	8.65	10.58	11.54	8.65	11.54	10.58	5.77	14.42	9.62	8.65	(8.1%)
4th/[-1.1,-0.93]	7.98	9.82	12.88	9.20	8.59	5.52	10.43	10.43	10.43	14.72	(12.7%)
5th/[-0.93,-0.71]	10.56	9.86	12.68	11.97	8.45	12.68	7.04	8.45	9.86	8.45	(11.1%)
6th/[-0.71,-0.52]	11.88	11.88	9.90	8.91	13.86	5.94	7.92	8.91	11.88	8.91	(7.9%)
7th/[-0.52,-0.27]	9.93	7.80	9.22	12.06	7.09	9.22	14.18	8.51	9.93	12.06	(11%)
8th/[-0.27,0.13]	7.25	11.59	7.97	10.14	12.32	11.59	8.70	12.32	8.70	9.42	(10.8%)
9th/[0.13,0.69]	12.50	8.82	11.76	9.56	8.09	10.29	11.76	8.09	9.56	9.56	(10.6%)
10th/[0.69,4]	10.16	10.16	9.38	10.16	8.59	10.16	9.38	10.94	10.16	10.94	(10%)

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

## QQ-Plot: Student Growth Percentiles

