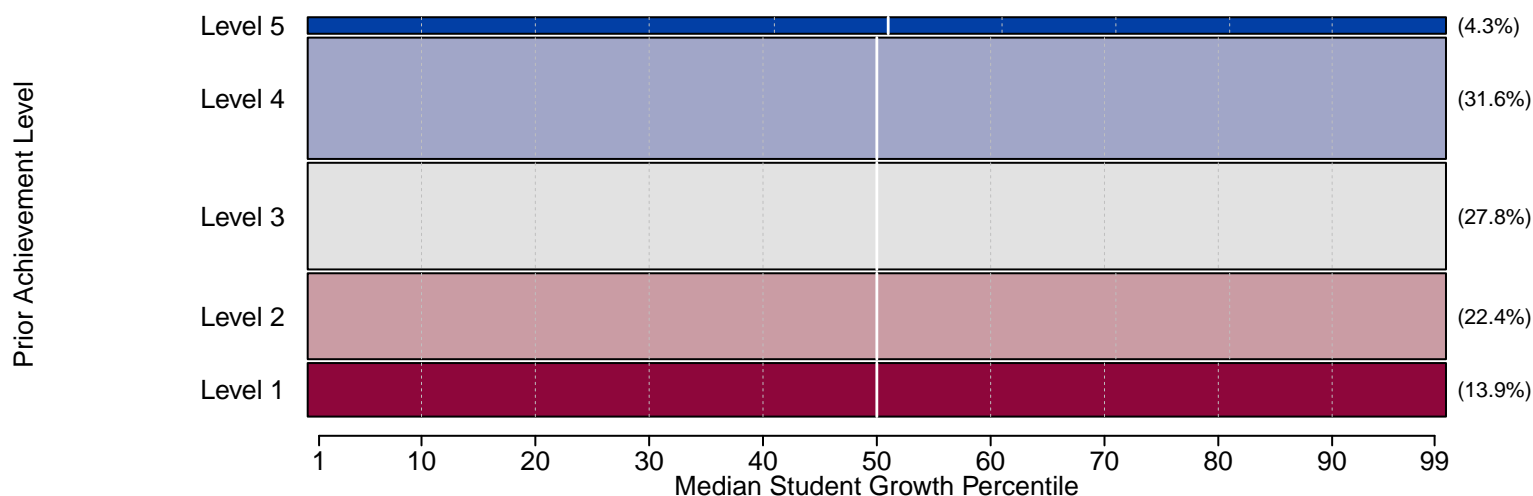


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Mathematics SGP, Grade 5 (N = 333,838)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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: [-15, -5.261]	[-15, -5.261]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	[-5.261, -4.906]	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 37
Highest OSS: [5.79, 15]	[5.79, 15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	95.2	N = 21
	[15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 39

## Student Growth Percentile Range

Prior 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/[-15, -1.544]	9.60	10.07	10.09	9.95	10.07	9.98	10.05	9.95	9.84	10.40	(9.9%)
2nd/[-1.544, -1.106]	9.47	10.08	9.77	10.06	9.85	10.00	9.86	10.07	10.06	10.77	(10.1%)
3rd/[-1.106, -0.7579]	9.49	9.67	10.01	9.94	9.81	9.88	10.09	9.98	10.00	11.13	(9.8%)
4th/[-0.7579, -0.4532]	9.40	9.88	10.17	10.05	10.08	9.87	9.94	9.81	10.30	10.51	(9.8%)
5th/[-0.4532, -0.1256]	9.66	10.21	9.84	9.94	10.13	10.18	10.04	9.93	9.69	10.38	(10.2%)
6th/[-0.1256, 0.1489]	9.27	9.76	10.20	9.88	9.86	9.92	10.06	10.35	10.07	10.62	(9.8%)
7th/[0.1489, 0.4948]	9.51	9.87	9.70	9.94	9.92	10.13	10.02	9.77	10.35	10.79	(10.4%)
8th/[0.4948, 0.8627]	9.59	10.04	10.32	9.96	10.02	9.80	9.97	10.04	9.80	10.46	(9.9%)
9th/[0.8627, 1.344]	9.61	10.18	9.79	10.20	10.19	9.81	9.86	9.97	9.95	10.42	(10%)
10th/[1.344, 15]	9.30	9.85	10.03	9.83	9.80	10.17	10.10	10.06	10.09	10.78	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

