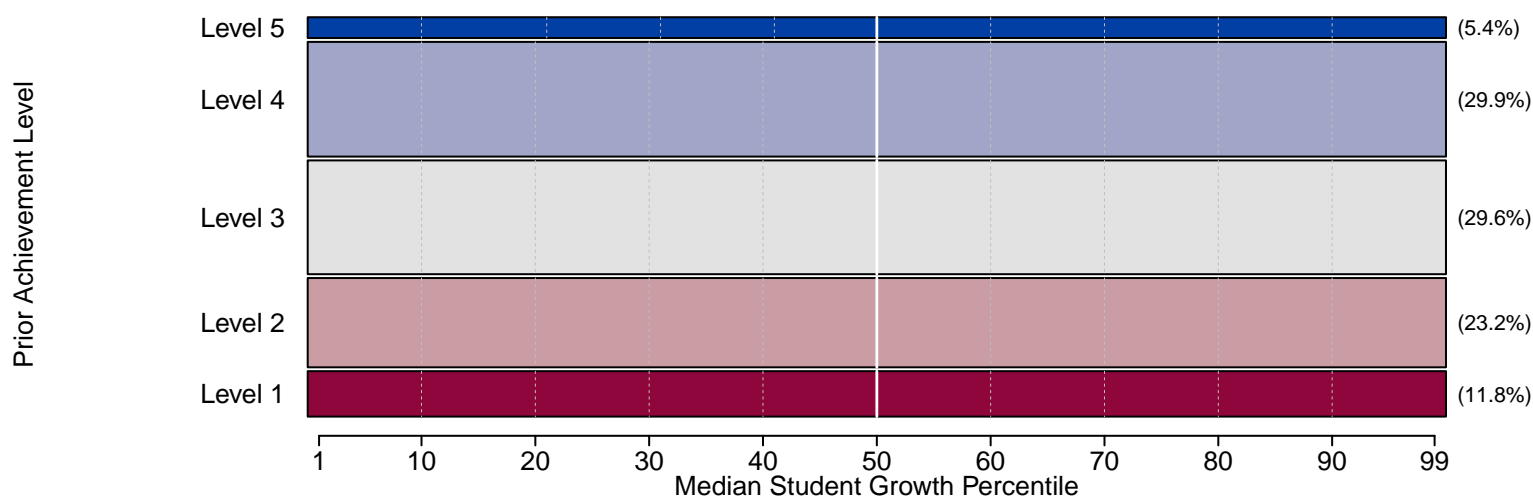


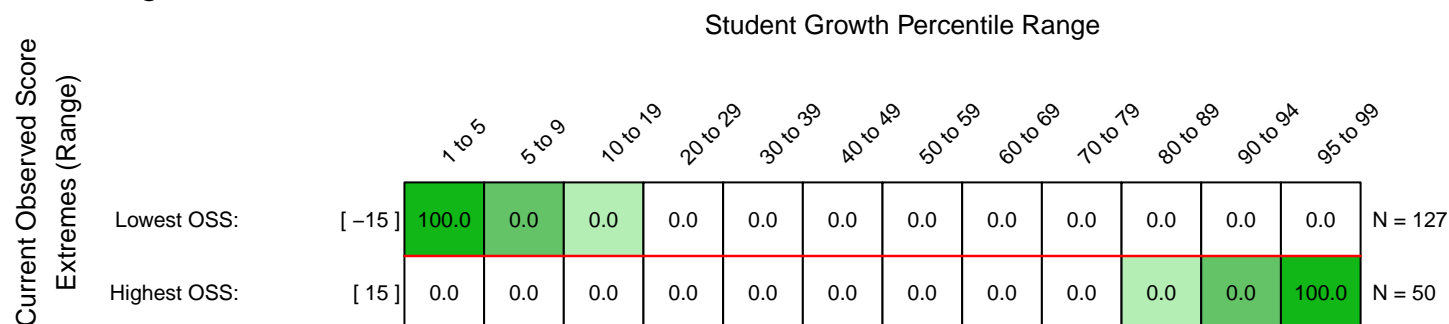
# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Mathematics SGP, Grade 6 (N = 383,884)

## SGP Deciles by Prior Achievement Level (Mathematics)



## Ceiling / Floor Effects Test



## 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/[ -15, -1.55 ]	9.59	9.87	10.19	10.06	10.09	9.80	10.06	9.90	10.04	10.41	(9.7%)
2nd/[ -1.55, -1.08 ]	9.66	10.14	9.82	9.87	10.03	9.96	9.82	10.12	9.96	10.61	(10%)
3rd/[ -1.08, -0.746 ]	9.43	10.06	9.96	10.05	9.77	10.16	10.08	9.85	9.86	10.79	(10.2%)
4th/[ -0.746, -0.452 ]	9.69	10.23	9.91	9.93	10.01	9.82	10.04	9.91	9.91	10.55	(9.4%)
5th/[ -0.452, -0.152 ]	9.49	9.65	10.10	9.97	10.05	10.10	9.83	10.07	10.24	10.50	(10.4%)
6th/[ -0.152, 0.13 ]	9.28	10.06	9.89	10.10	10.01	9.88	10.21	10.02	10.07	10.47	(10.2%)
7th/[ 0.13, 0.441 ]	9.33	10.02	9.99	9.73	10.25	10.23	10.01	9.96	10.02	10.47	(9.9%)
8th/[ 0.441, 0.79 ]	9.76	10.14	10.14	10.24	9.70	9.76	9.73	9.78	9.90	10.85	(10%)
9th/[ 0.79, 1.26 ]	9.75	10.02	9.77	9.95	9.76	10.03	10.23	10.05	10.02	10.42	(10.1%)
10th/[ 1.26, 15 ]	9.32	9.87	10.04	9.97	10.19	10.03	9.96	10.04	10.10	10.48	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

