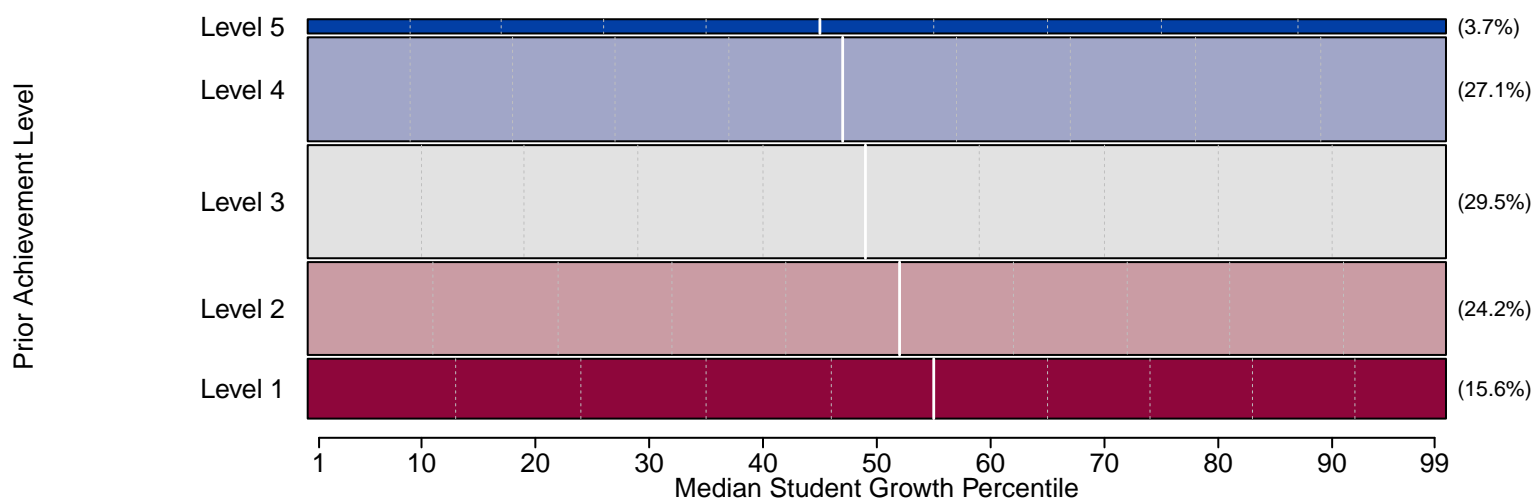


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Mathematics SGP SIMEX Ranked, Grade 7 (N = 307,460)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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]	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 = 125	
	Highest OSS: [4.991,5.712]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.0	20.0	64.0	N = 25	
	[5.712,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	85.2	N = 27	

## 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	
Prior Score Decile/Range	1st/[-15,-1.666]	6.60	8.05	8.95	9.49	9.54	10.42	10.52	11.35	11.70	13.38	(9.5%)
	2nd/[-1.666,-1.137]	7.52	9.06	9.51	9.98	10.05	10.18	10.43	10.80	10.52	11.96	(10.2%)
	3rd/[-1.137,-0.8571]	8.46	9.58	9.78	9.83	9.68	9.93	9.76	10.84	10.38	11.76	(9.5%)
	4th/[-0.8571,-0.4909]	8.93	9.58	9.89	9.86	9.87	10.08	10.08	10.33	10.39	10.99	(10.6%)
	5th/[-0.4909,-0.2095]	9.74	10.23	9.55	9.80	10.41	9.80	10.18	9.94	9.89	10.47	(9.4%)
	6th/[-0.2095,0.0818]	10.05	10.38	9.84	10.02	10.13	9.99	9.77	9.76	10.02	10.04	(10.7%)
	7th/[0.0818,0.3988]	10.19	10.07	10.15	9.86	10.17	9.67	9.94	9.81	9.85	10.29	(9.8%)
	8th/[0.3988,0.7442]	10.59	10.90	10.59	9.72	10.08	9.87	9.45	9.54	9.35	9.92	(10%)
	9th/[0.7442,1.252]	11.34	11.02	10.75	10.30	10.01	9.79	9.59	8.90	9.04	9.25	(10.1%)
	10th/[1.252,15]	10.93	11.22	10.65	10.42	9.85	10.35	9.84	9.20	8.68	8.86	(10.2%)

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

## QQ-Plot: Student Growth Percentiles

