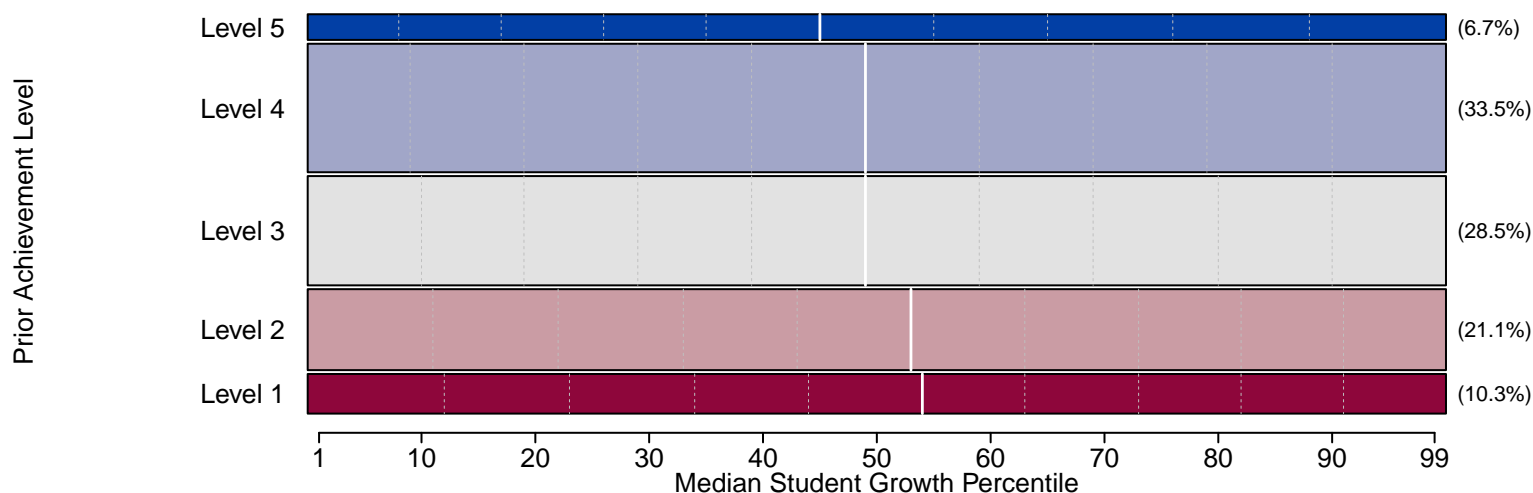


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 ELA SGP SIMEX Ranked, Grade 7 (N = 317,804)

## SGP Deciles by Prior Achievement Level (ELA)



## 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,-5.193]	[-15,-5.193]	94.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 18
	[-5.193,-4.942]	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 = 33
Highest OSS: [4.632,4.752]	[4.632,4.752]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	12.5	70.8	N = 24
	[4.752,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	3.0	90.9	N = 33

## 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,-1.392]	7.74	8.99	9.22	9.78	10.01	10.37	10.67	10.84	10.86	11.52	(9.9%)
2nd/[-1.392,-0.9032]	8.33	8.92	9.38	9.67	9.82	9.80	10.22	10.74	10.99	12.12	(10.1%)
3rd/[-0.9032,-0.5436]	8.50	8.96	9.29	9.47	10.13	9.98	10.06	11.16	10.61	11.84	(9.6%)
4th/[-0.5436,-0.2015]	9.81	9.81	10.33	10.05	9.87	10.17	10.04	9.87	9.55	10.51	(10.2%)
5th/[-0.2015,0.1134]	10.07	10.43	10.41	10.25	9.95	10.05	9.69	9.67	9.37	10.11	(10.1%)
6th/[0.1134,0.414]	9.68	10.16	10.08	9.77	9.80	9.99	9.98	9.90	9.73	10.91	(10%)
7th/[0.414,0.714]	9.97	9.87	9.82	9.70	9.79	10.02	10.24	9.84	10.25	10.49	(9.9%)
8th/[0.714,1.06]	9.53	10.48	9.96	10.27	9.60	10.12	9.94	9.93	9.85	10.32	(10.1%)
9th/[1.06,1.558]	10.65	10.71	10.20	10.83	10.01	9.87	9.77	9.48	9.07	9.43	(10%)
10th/[1.558,6.122]	11.38	11.08	10.72	10.47	10.22	10.04	9.36	9.22	8.59	8.92	(10%)

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

## QQ-Plot: Student Growth Percentiles

