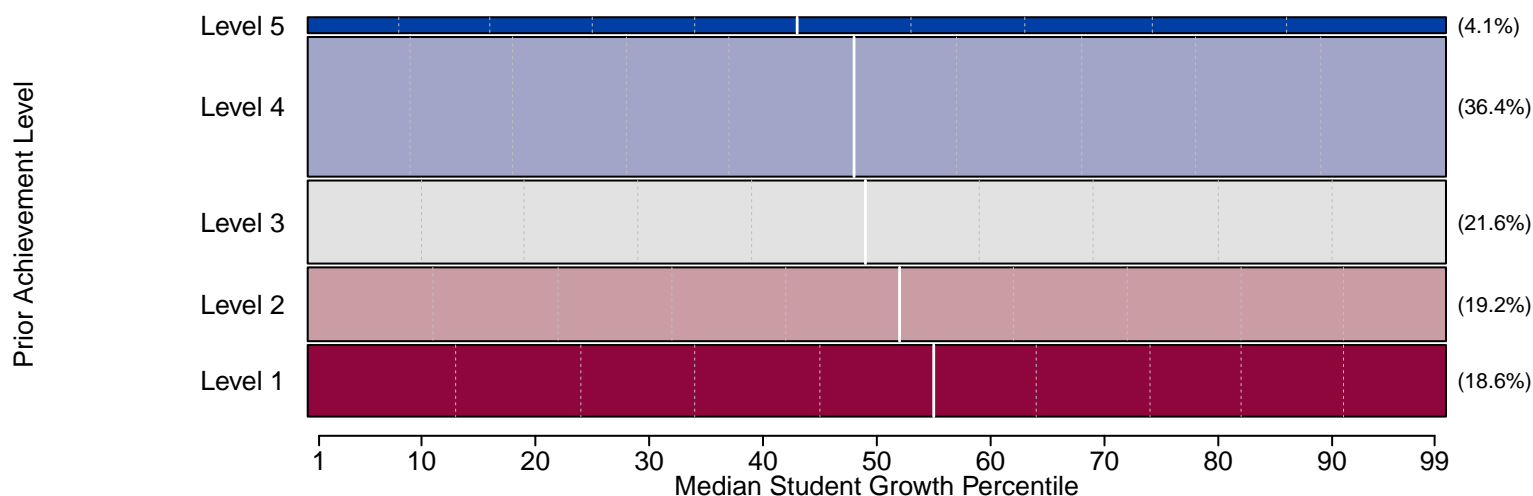


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 ELA SGP SIMEX Ranked, Grade 4 (N = 328,358)

## SGP Deciles by Prior Achievement Level (ELA)



## 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,-4.337]	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
	[-4.337,-4.195]	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 = 41
	Highest OSS: [4.669,4.707]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.7	86.7	N = 15
	[4.707,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	97.3	N = 37

## 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,-1.393]	6.69	8.07	8.65	9.61	10.35	11.83	10.06	11.67	11.39	11.68	(9.8%)
2nd/[-1.393,-0.9307]	7.61	9.49	9.46	9.16	9.37	9.96	9.75	11.73	10.66	12.82	(10.1%)
3rd/[-0.9307,-0.5368]	8.49	9.08	8.91	9.71	9.13	10.06	10.47	10.74	11.05	12.36	(9.8%)
4th/[-0.5368,-0.1857]	9.31	10.06	10.32	10.17	10.63	9.87	9.35	9.41	10.20	10.70	(10.3%)
5th/[-0.1857,0.1023]	9.41	10.61	10.21	10.24	10.44	9.54	10.41	8.87	9.94	10.32	(9.7%)
6th/[0.1023,0.4026]	9.71	9.97	10.14	10.29	9.43	10.34	9.96	9.63	9.97	10.57	(10.3%)
7th/[0.4026,0.7247]	10.18	10.08	9.72	10.03	9.37	9.82	10.08	10.18	10.13	10.42	(9.8%)
8th/[0.7247,1.053]	10.32	10.16	10.30	10.37	10.00	9.58	10.20	9.85	9.79	9.43	(10.1%)
9th/[1.053,1.522]	11.03	11.52	10.93	10.23	10.30	9.57	9.72	8.62	9.03	9.05	(9.9%)
10th/[1.522,15]	11.84	11.35	11.41	10.05	10.82	10.14	9.85	8.44	8.33	7.78	(10.1%)

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

## QQ-Plot: Student Growth Percentiles

