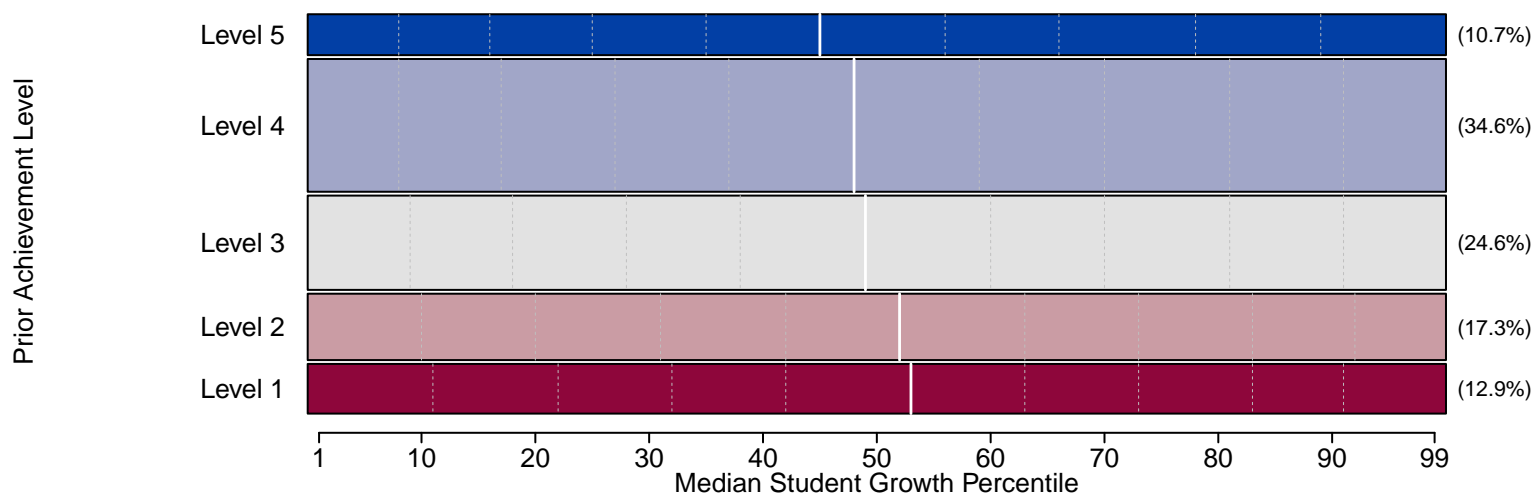


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 ELA SGP SIMEX, Grade 10 (N = 103,452)

## 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,-4.48]	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 = 23
	[-4.48,-3.92]	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 = 28
Highest OSS:	[3.42,3.56]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	82.6	N = 23
	[3.56,4.87]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	14.6	80.5	N = 41

## 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,-1.35]	8.90	9.13	9.34	9.38	9.45	9.68	10.43	10.81	10.61	12.27	(9.6%)
2nd/[-1.35,-0.831]	9.36	9.39	9.11	9.67	9.37	9.17	10.02	9.99	11.22	12.70	(10.3%)
3rd/[-0.831,-0.443]	9.81	9.43	9.65	9.41	9.24	9.20	9.79	10.49	10.14	12.84	(9.9%)
4th/[-0.443,-0.119]	10.87	10.53	10.14	9.50	9.83	9.23	9.48	9.57	9.46	11.40	(10%)
5th/[-0.119,0.158]	10.63	10.36	10.51	9.88	9.13	9.43	9.62	9.39	9.65	11.41	(10%)
6th/[0.158,0.419]	11.00	10.34	9.82	10.00	8.97	9.28	9.21	9.53	10.18	11.67	(9.8%)
7th/[0.419,0.717]	11.51	10.82	9.70	9.58	8.71	9.32	9.17	9.58	10.25	11.35	(10.1%)
8th/[0.717,1.06]	11.46	10.41	10.07	9.89	9.63	9.28	9.58	9.03	9.53	11.12	(10%)
9th/[1.06,1.55]	11.35	11.21	10.31	9.88	9.20	8.89	9.48	9.58	9.17	10.93	(10.2%)
10th/[1.55,5.66]	12.46	11.21	10.64	10.35	9.81	9.22	8.93	8.85	9.24	9.31	(10%)

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

## QQ-Plot: Student Growth Percentiles

