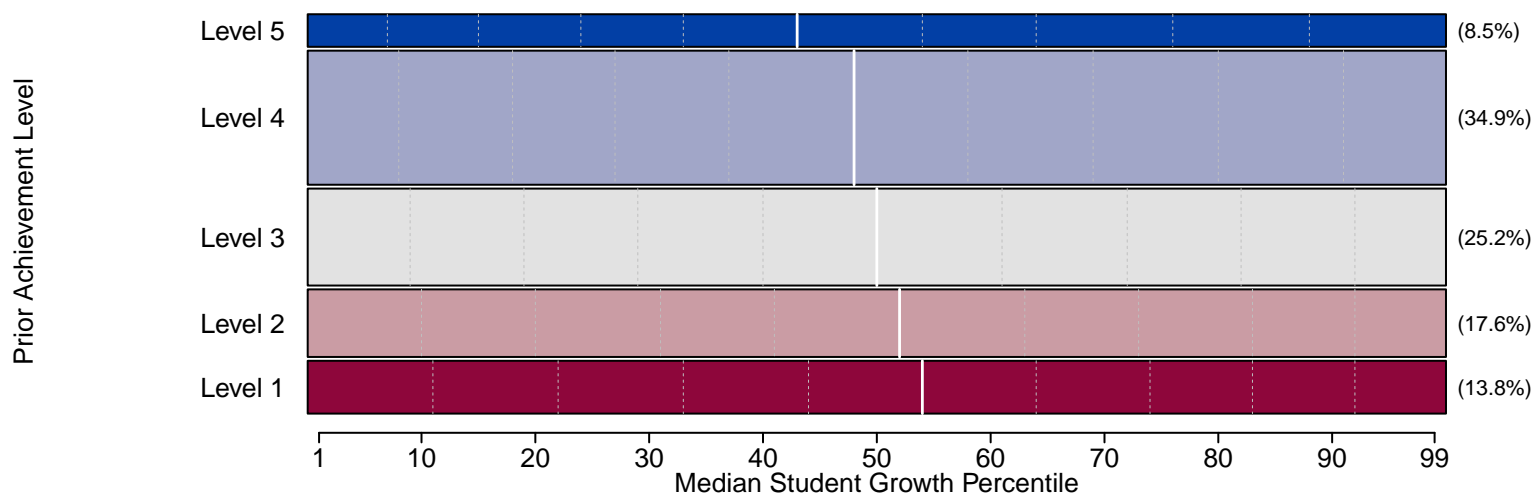


# Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016.2 ELA SGP SIMEX, Grade 9 (N = 232,915)

## 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,-4.58]	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 = 24
	[-4.58,-4.219]	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 = 26
Highest OSS:	[4.1,4.377]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	88.0	N = 25
	[4.377,5.942]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 27

## 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/[-6,-1.369]	8.82	9.21	9.03	9.28	9.48	9.48	9.83	10.67	11.19	13.02	(10%)
2nd/[-1.369,-0.8373]	9.09	9.44	9.56	9.33	9.29	9.23	9.79	10.26	11.23	12.78	(10%)
3rd/[-0.8373,-0.4598]	9.60	9.80	9.85	9.46	9.00	9.30	9.74	9.78	11.07	12.40	(10%)
4th/[-0.4598,-0.1502]	10.01	9.76	9.70	10.00	9.56	9.39	9.35	9.53	10.12	12.58	(10%)
5th/[-0.1502,0.1323]	9.92	10.53	10.11	9.51	9.37	9.24	9.77	9.57	9.69	12.30	(10%)
6th/[0.1323,0.412]	10.29	10.31	9.94	10.04	9.33	9.37	9.05	9.54	10.22	11.92	(10%)
7th/[0.412,0.6983]	10.69	10.84	9.73	9.20	9.77	9.42	9.11	9.67	9.94	11.63	(10%)
8th/[0.6983,1.036]	11.10	10.53	10.17	9.86	9.82	9.75	9.04	9.43	9.23	11.07	(10%)
9th/[1.036,1.488]	11.94	11.43	10.28	9.88	9.50	9.64	8.72	8.88	9.11	10.63	(10%)
10th/[1.488,5.154]	13.43	11.58	11.17	9.78	9.34	9.77	8.78	8.77	8.33	9.04	(10%)

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

## QQ-Plot: Student Growth Percentiles

