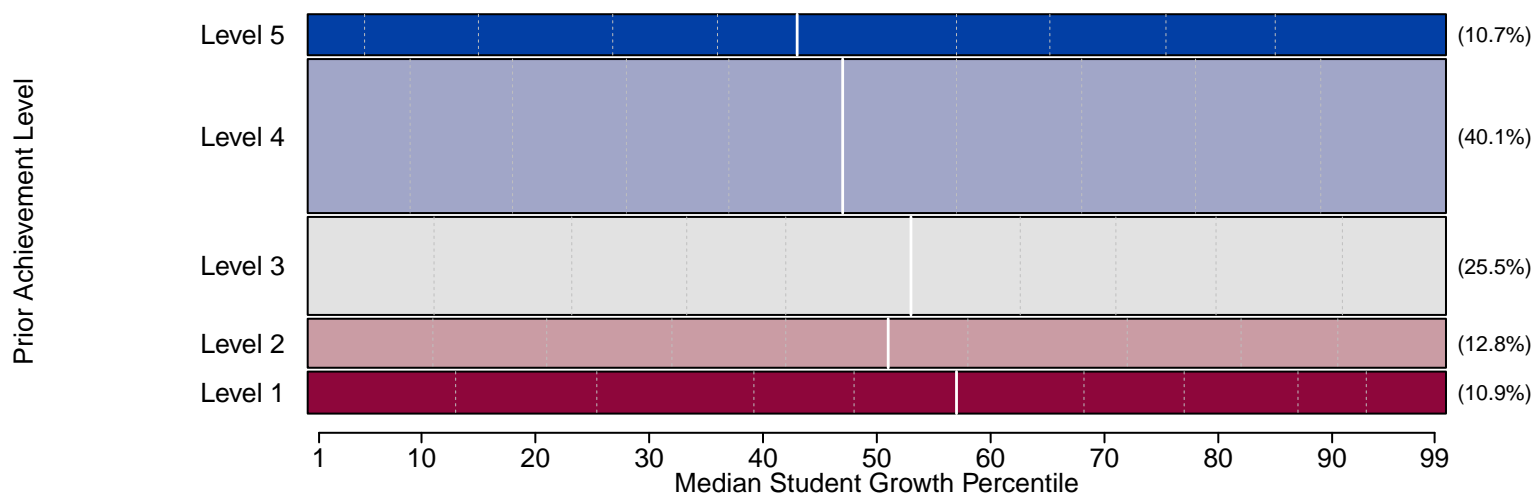


# Student Growth Percentile Goodness-of-Fit Descriptives

2018–2019.1 ELA SGP SIMEX Ranked, Grade 10 (N = 1,536)

## 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: [-3.451,-2.125]		29.2	20.8	33.3	8.3	4.2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	N = 24
[-2.125,-1.938]		30.8	0.0	30.8	19.2	7.7	11.5	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
Highest OSS: [2.12,2.362]		0.0	0.0	3.7	3.7	11.1	0.0	3.7	11.1	22.2	18.5	7.4	18.5	N = 27
[2.362,4.495]		6.2	0.0	3.1	6.2	3.1	0.0	0.0	6.2	6.2	28.1	12.5	28.1	N = 32

## 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/[-4,-1.3]	6.21	8.97	8.28	5.52	14.48	11.03	8.28	9.66	9.66	17.93	(9.4%)
2nd/[-1.3,-0.56]	7.41	9.26	9.26	11.73	10.49	12.35	9.26	9.26	11.73	9.26	(10.5%)
3rd/[-0.56,-0.23]	9.77	11.28	6.77	8.27	10.53	10.53	9.02	10.53	8.27	15.04	(8.7%)
4th/[-0.23,0.07]	8.86	8.86	12.03	11.39	8.23	12.03	9.49	12.03	8.86	8.23	(10.3%)
5th/[0.07,0.31]	6.33	6.33	9.49	14.56	8.86	5.70	14.56	10.13	9.49	14.56	(10.3%)
6th/[0.31,0.58]	15.58	9.09	8.44	10.39	9.74	9.09	10.39	12.34	9.74	5.19	(10%)
7th/[0.58,0.83]	5.81	12.26	10.97	5.81	8.39	12.90	7.74	10.32	14.19	11.61	(10.1%)
8th/[0.83,1.1]	10.19	9.55	12.10	8.92	10.83	10.19	13.38	6.37	8.28	10.19	(10.2%)
9th/[1.1,1.5]	10.00	14.00	12.67	12.00	10.67	8.00	8.00	8.00	7.33	9.33	(9.8%)
10th/[1.5,3.3]	13.41	10.98	10.37	12.80	6.10	7.93	10.37	10.37	10.98	6.71	(10.7%)

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

## QQ-Plot: Student Growth Percentiles

