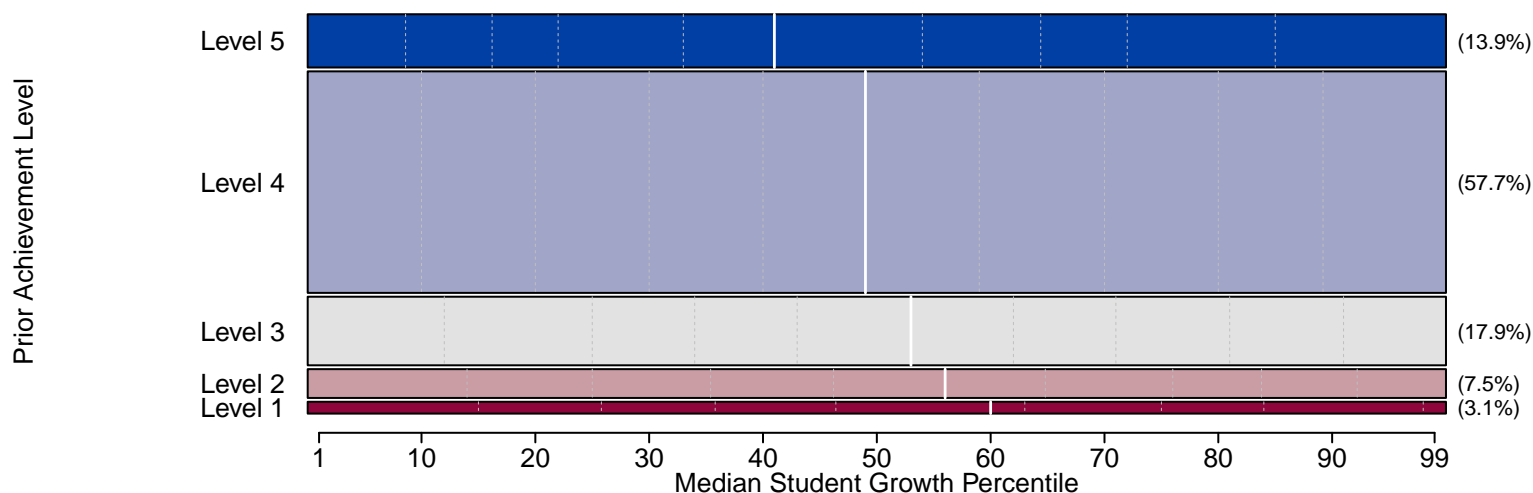


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Algebra II SGP SIMEX Ranked, Grade EOCT (N = 1,853)

## SGP Deciles by Prior Achievement Level (Mathematics)



## 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: [-2.619,-1.469]	53.8	38.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
[-1.469,-1.223]	27.3	6.1	51.5	12.1	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 33
Highest OSS: [2.518,2.913]	0.0	0.0	0.0	0.0	3.7	3.7	11.1	3.7	11.1	29.6	7.4	29.6	N = 27
[2.913,4.743]	7.4	0.0	0.0	3.7	3.7	0.0	7.4	14.8	11.1	22.2	7.4	22.2	N = 27

## 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,-0.14]	7.34	8.47	9.60	10.17	9.60	5.65	11.86	12.43	9.60	15.25	(9.6%)
2nd/[-0.14,0.34]	5.67	7.22	7.22	7.73	12.89	13.40	11.34	11.34	6.19	17.01	(10.5%)
3rd/[0.34,0.67]	9.36	8.19	14.04	9.94	9.94	11.11	11.70	8.77	7.02	9.94	(9.7%)
4th/[0.67,0.96]	10.38	9.29	10.38	8.74	9.29	9.29	11.48	10.93	9.29	10.93	(9.4%)
5th/[0.96,1.2]	9.19	10.81	12.43	7.03	10.81	9.73	8.11	10.27	12.97	8.65	(10%)
6th/[1.2,1.4]	9.69	9.18	9.69	7.14	11.22	9.18	6.63	11.73	10.20	15.31	(10.6%)
7th/[1.4,1.7]	7.82	8.94	8.94	13.97	11.17	11.73	8.94	10.06	12.85	5.59	(9.7%)
8th/[1.7,2]	10.05	11.11	10.05	11.11	7.41	11.11	10.58	6.35	13.76	8.47	(10.2%)
9th/[2,2.4]	11.40	11.92	9.84	10.36	12.44	8.81	10.88	10.36	5.70	8.29	(10.4%)
10th/[2.4,7.1]	13.98	13.44	9.14	13.98	5.38	9.68	9.14	8.06	11.29	5.91	(10%)

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

## QQ-Plot: Student Growth Percentiles

