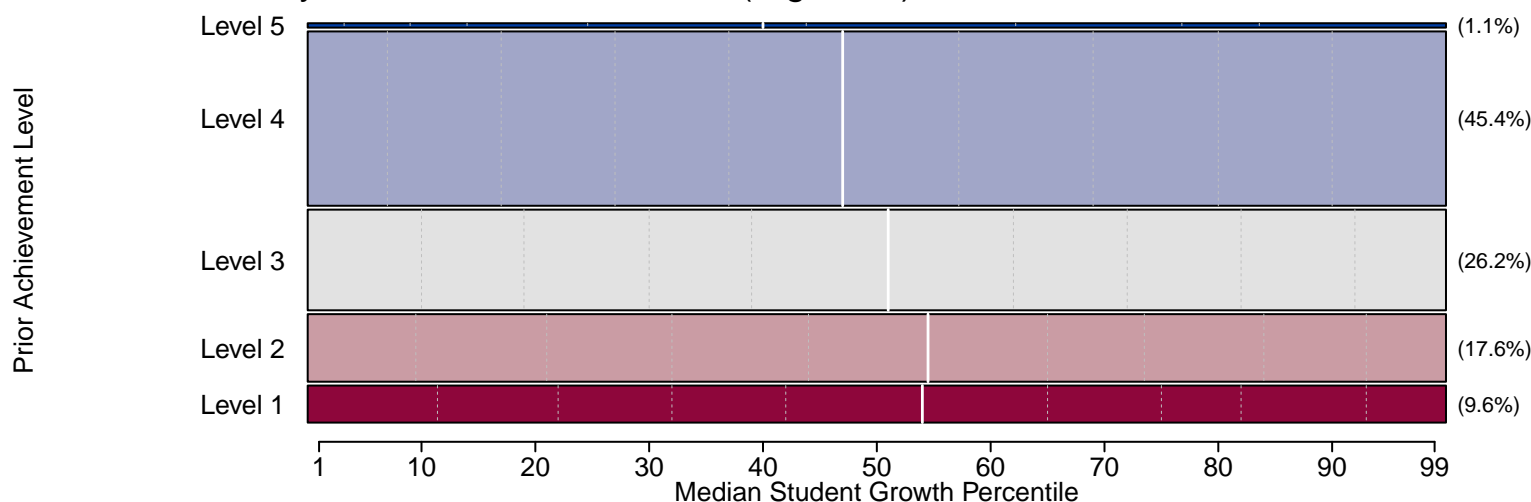


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Algebra II SGP SIMEX, Grade EOCT (N = 5,546)

## SGP Deciles by Prior Achievement Level (Algebra I)



## 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: [-4.56,-2.99]	92.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
	[-2.99,-2.38]	84.4	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 32
	Highest OSS: [2.02,2.22]	0.0	0.0	8.0	0.0	0.0	0.0	4.0	0.0	20.0	8.0	20.0	40.0	N = 25
	[2.22,2.97]	0.0	0.0	0.0	0.0	8.0	8.0	4.0	0.0	4.0	12.0	12.0	52.0	N = 25

## 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/[-4.75,-1.16]	7.85	8.22	11.78	8.97	8.97	10.65	8.60	11.78	9.72	13.46	(9.6%)
2nd/[-1.16,-0.71]	9.92	8.21	9.16	8.40	9.54	8.02	10.11	9.92	11.83	14.89	(10.3%)
3rd/[-0.71,-0.3]	9.34	9.87	9.34	8.08	8.26	11.13	10.77	10.23	9.87	13.11	(9.3%)
4th/[-0.3,0.03]	9.98	7.95	8.97	11.17	9.31	8.97	10.66	8.29	10.66	14.04	(10.7%)
5th/[0.03,0.34]	8.88	12.77	9.35	11.06	7.79	9.03	9.19	10.44	11.21	10.28	(9.9%)
6th/[0.34,0.57]	11.21	11.42	8.84	8.19	9.05	9.91	8.84	9.27	9.27	14.01	(9.8%)
7th/[0.57,0.82]	12.39	9.60	8.90	10.99	10.47	8.20	9.42	9.77	9.77	10.47	(10%)
8th/[0.82,1.06]	12.32	11.23	9.96	9.60	9.06	8.51	9.42	8.33	10.14	11.41	(9.6%)
9th/[1.06,1.39]	14.70	9.26	9.07	11.80	10.53	8.71	7.44	9.62	10.89	7.99	(10.6%)
10th/[1.39,4.02]	13.82	10.41	12.57	8.62	10.41	9.69	7.72	8.98	8.26	9.52	(10%)

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

## QQ-Plot: Student Growth Percentiles

