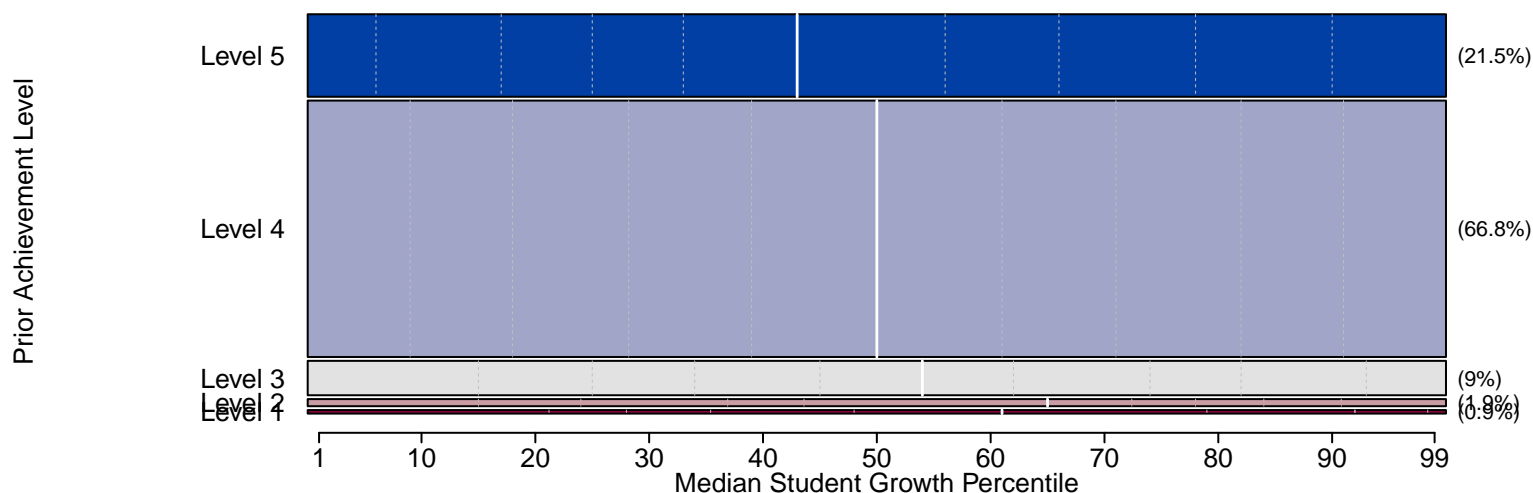


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016.2 Algebra II SGP SIMEX, Grade EOCT (N = 2,913)

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: [-1.988,-1.293]	37.0	14.8	29.6	14.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 27
[-1.293,-1.099]	22.2	14.8	22.2	14.8	11.1	7.4	0.0	0.0	0.0	0.0	7.4	0.0	N = 27
Highest OSS: [2.852,3.107]	0.0	0.0	0.0	0.0	3.7	7.4	0.0	7.4	22.2	18.5	14.8	25.9	N = 27
[3.107,4.137]	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	3.7	14.8	18.5	59.3	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/[-2.56,0.548]	7.88	8.56	9.25	8.90	8.56	9.25	9.93	12.67	11.30	13.70	(10%)
2nd/[0.548,0.969]	8.97	10.34	10.69	9.66	8.97	10.00	7.24	10.34	10.34	13.45	(10%)
3rd/[0.969,1.23]	10.00	8.97	7.59	9.31	8.28	9.66	8.62	11.03	15.17	11.38	(10%)
4th/[1.23,1.45]	8.59	12.03	8.59	8.93	6.53	9.28	7.56	12.37	11.68	14.43	(10%)
5th/[1.45,1.63]	9.56	11.26	6.83	10.58	9.22	12.29	8.53	9.22	8.19	14.33	(10.1%)
6th/[1.63,1.81]	11.68	12.37	11.68	9.97	9.97	9.28	6.87	8.59	9.28	10.31	(10%)
7th/[1.81,1.99]	11.64	9.93	11.64	7.53	10.62	10.62	7.53	8.90	9.25	12.33	(10%)
8th/[1.99,2.22]	11.03	11.72	10.69	10.34	10.69	8.62	9.31	8.28	11.72	7.59	(10%)
9th/[2.22,2.55]	11.68	12.03	11.34	10.31	5.84	9.97	9.97	9.62	6.19	13.06	(10%)
10th/[2.55,4.57]	11.95	10.58	12.29	12.97	10.24	7.51	8.19	7.17	9.90	9.22	(10.1%)

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

QQ-Plot: Student Growth Percentiles

