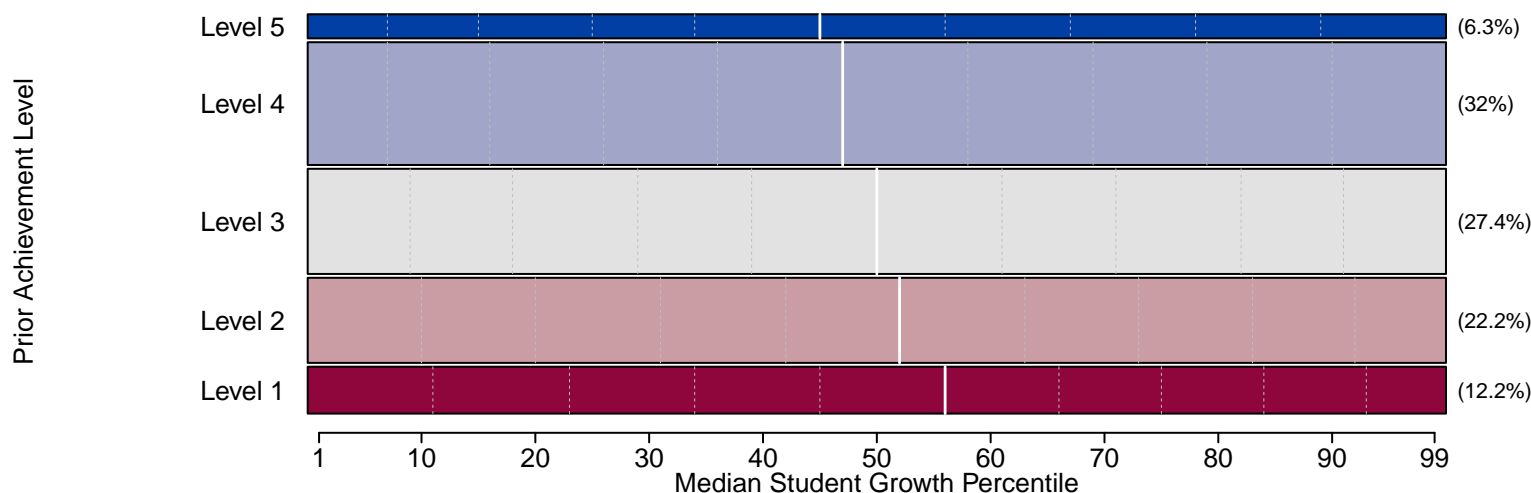


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016.2 Mathematics SGP SIMEX, Grade 4 (N = 422,426)

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: [-15,-4.529]	[-15,-4.529]	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 = 27
	[-4.529,-4.304]	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 = 28
Highest OSS: [4.478,4.783]	[4.478,4.783]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.7	88.5	N = 26
	[4.783,15]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	96.8	N = 31

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/[-10,-1.359]	8.19	8.65	9.04	8.53	8.99	9.93	9.83	11.28	11.22	14.35	(9.9%)
2nd/[-1.359,-0.9153]	8.97	9.29	9.07	8.78	9.12	10.18	9.66	10.12	11.19	13.61	(10.1%)
3rd/[-0.9153,-0.5838]	10.05	9.69	9.82	9.22	9.38	9.24	9.58	10.16	10.39	12.48	(10%)
4th/[-0.5838,-0.2902]	10.62	10.11	9.72	9.20	9.40	9.74	9.64	9.76	9.80	12.02	(10%)
5th/[-0.2902,-0.0008]	10.86	10.06	9.88	9.16	9.38	9.29	9.54	9.83	10.09	11.91	(10%)
6th/[-0.0008,0.2752]	10.94	10.07	10.00	9.25	9.29	9.14	9.80	9.78	9.79	11.94	(10%)
7th/[0.2752,0.5767]	11.06	10.54	9.77	9.29	9.42	9.40	9.73	9.66	9.46	11.66	(10%)
8th/[0.5767,0.9124]	12.20	10.98	10.53	9.36	9.31	9.06	9.13	9.37	9.33	10.72	(10%)
9th/[0.9124,1.352]	13.07	11.35	10.18	9.63	9.75	8.70	9.16	8.96	9.01	10.20	(10%)
10th/[1.352,15]	12.96	11.24	10.39	9.83	9.35	9.38	9.18	8.68	9.27	9.72	(10%)

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

QQ-Plot: Student Growth Percentiles

