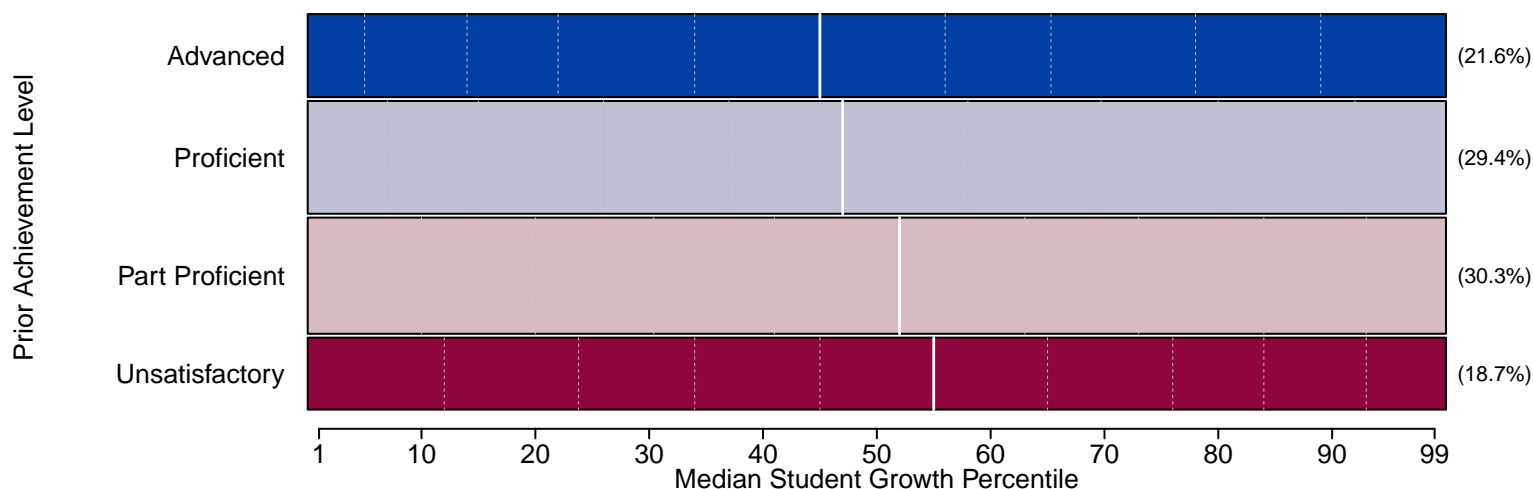


Student Growth Percentile Goodness-of-Fit Descriptives

2014–2015 Mathematics SGP SIMEX, Grade 9 (N = 4,161)

SGP Deciles by Prior Achievement Level (Mathematics)



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:	[340]	56.2	6.2	18.8	9.4	6.2	3.1	0.0	0.0	0.0	0.0	0.0	N = 32
		(340,376]	50.0	5.6	38.9	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	N = 18
	Highest OSS:	[722,735]	0.0	0.0	0.0	0.0	4.0	8.0	20.0	16.0	4.0	24.0	8.0	N = 25
		[735,811]	6.5	0.0	0.0	0.0	0.0	0.0	3.2	6.5	3.2	19.4	22.6	N = 31

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/[310,490]	6.83	9.51	8.78	9.02	10.73	8.29	9.27	10.00	12.68	14.88	(9.9%)
2nd/[490,524]	8.92	7.95	7.95	9.16	10.12	9.16	12.29	11.57	9.64	13.25	(10%)
3rd/[524,545]	9.16	8.17	8.42	10.89	10.15	8.91	9.41	7.92	10.64	16.34	(9.7%)
4th/[545,563]	10.35	10.35	10.59	8.94	8.71	7.29	9.88	10.35	12.47	11.06	(10.2%)
5th/[563,578]	10.46	11.68	7.79	9.25	8.03	10.95	9.98	9.25	7.54	15.09	(9.9%)
6th/[578,594]	12.26	10.38	10.38	8.25	8.96	10.38	8.02	9.20	9.67	12.50	(10.2%)
7th/[594,611]	13.55	13.30	9.36	7.64	7.39	10.34	7.88	10.10	7.64	12.81	(9.8%)
8th/[611,630]	13.35	9.95	12.86	7.04	10.68	10.19	8.01	9.71	7.77	10.44	(9.9%)
9th/[630,660]	13.23	11.37	10.67	10.67	7.42	9.51	11.60	7.19	8.35	9.98	(10.4%)
10th/[660,890]	15.37	11.11	10.64	8.75	9.46	7.57	8.27	8.98	10.87	8.98	(10.2%)

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

QQ-Plot: Student Growth Percentiles

