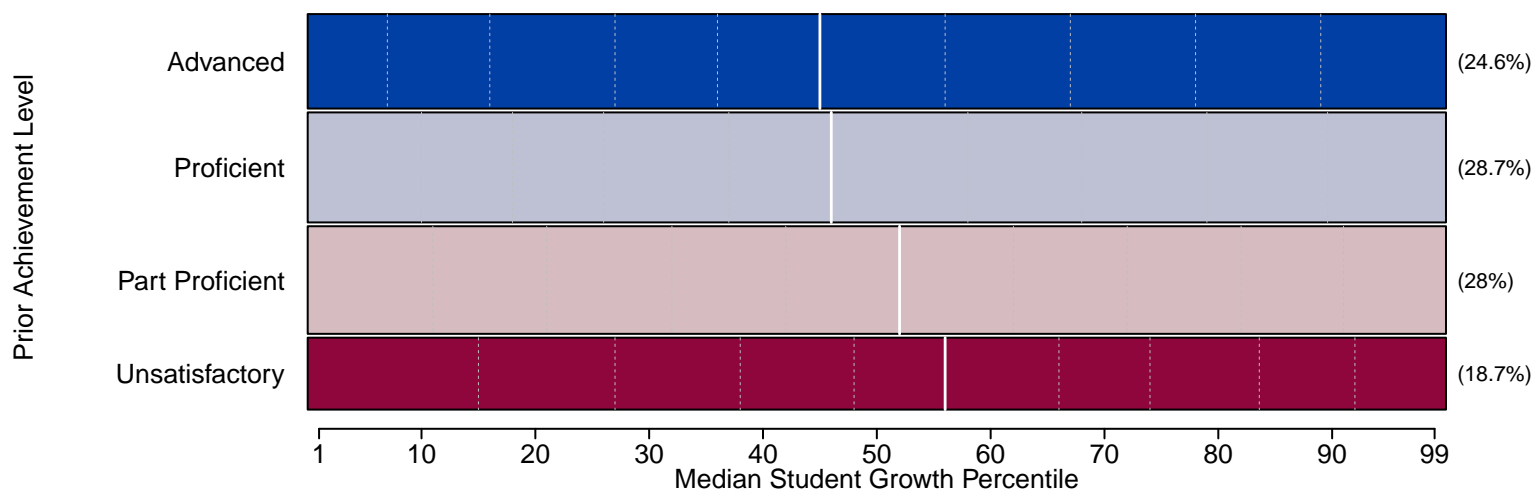


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX Ranked, Grade 9 (N = 4,101)

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:	[340]	26.9	30.8	26.9	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
	(340,383]	29.2	20.8	16.7	12.5	8.3	4.2	8.3	0.0	0.0	0.0	0.0	0.0	N = 24
Highest OSS:	[721,739]	0.0	0.0	0.0	4.3	0.0	0.0	8.7	13.0	26.1	17.4	17.4	13.0	N = 23
	[739,789]	3.7	0.0	3.7	3.7	0.0	0.0	11.1	11.1	11.1	14.8	11.1	29.6	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/[310,493]	6.67	8.40	6.91	10.62	7.65	10.37	9.63	10.86	15.80	13.09	(9.9%)
2nd/[493,524]	3.94	10.10	9.61	8.13	11.82	12.81	11.58	12.32	9.85	9.85	(9.9%)
3rd/[524,546]	8.07	8.07	11.25	10.51	11.49	7.09	11.00	10.27	7.58	14.67	(10%)
4th/[546,565]	10.00	9.29	7.38	10.71	9.76	9.76	10.00	10.24	10.48	12.38	(10.2%)
5th/[565,581]	10.76	11.55	8.66	12.34	7.87	8.40	11.81	10.76	9.45	8.40	(9.3%)
6th/[581,599]	7.36	11.49	12.18	8.28	11.72	8.51	11.26	8.51	8.74	11.95	(10.6%)
7th/[599,617]	9.31	15.69	8.58	10.54	9.07	6.86	10.05	9.07	11.52	9.31	(9.9%)
8th/[617,639]	12.68	8.05	12.93	9.02	11.71	12.93	8.54	7.32	7.07	9.76	(10%)
9th/[639,667]	13.56	10.90	9.93	8.96	10.41	8.96	10.17	7.02	10.17	9.93	(10.1%)
10th/[667,871]	14.49	8.21	9.66	11.84	9.42	8.70	7.73	11.11	9.66	9.18	(10.1%)

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

QQ-Plot: Student Growth Percentiles

