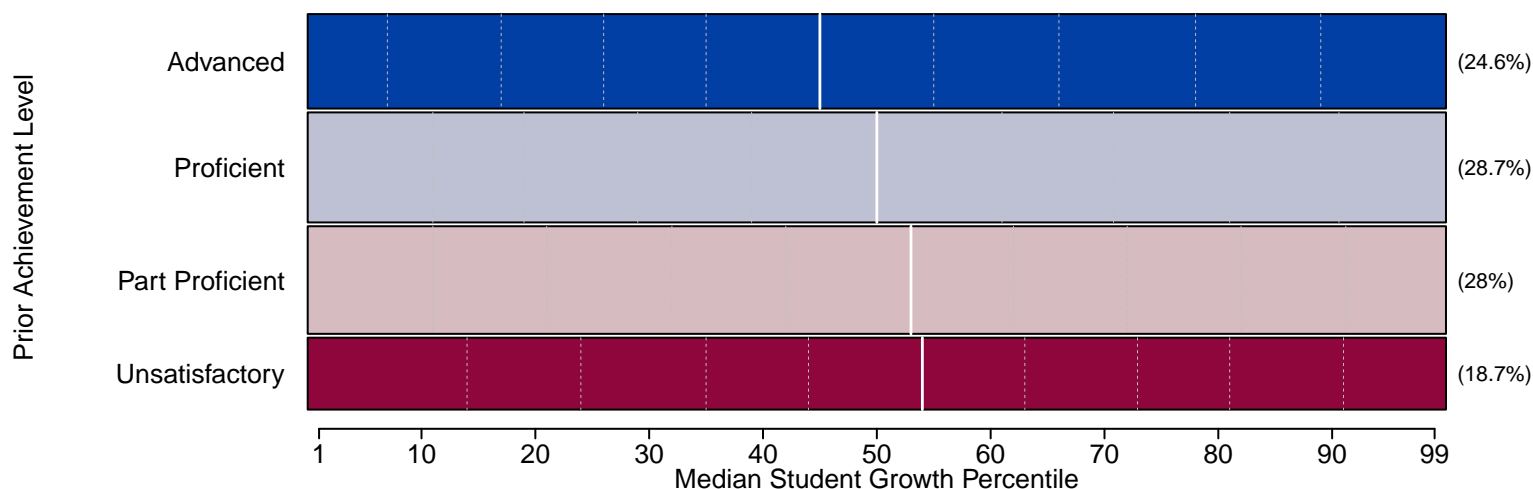


Student Growth Percentile Goodness-of-Fit Descriptives

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

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

		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]	26.9	38.5	30.8	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	N = 26
		(340,383]	29.2	29.2	8.3	4.2	12.5	4.2	4.2	8.3	0.0	0.0	0.0	N = 24
	Highest OSS:	[721,739)	0.0	0.0	0.0	4.3	0.0	8.7	4.3	13.0	26.1	21.7	0.0	N = 23
		[739,789]	3.7	0.0	0.0	3.7	3.7	11.1	3.7	11.1	7.4	11.1	11.1	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)	8.40	8.89	9.63	8.40	7.65	10.37	9.14	13.33	11.60	12.59	(9.9%)
2nd/[493,524)	6.16	8.62	9.85	9.61	12.56	13.05	10.34	12.32	8.87	8.62	(9.9%)
3rd/[524,546)	8.31	9.54	10.27	10.27	11.25	8.07	10.27	9.29	9.78	12.96	(10%)
4th/[546,565)	9.76	9.29	8.33	7.62	10.95	10.48	8.57	10.24	11.43	13.33	(10.2%)
5th/[565,581)	9.45	12.34	7.35	10.50	8.66	10.24	9.71	11.02	10.50	10.24	(9.3%)
6th/[581,599)	6.44	10.11	10.80	8.28	11.03	10.34	9.43	9.43	10.57	13.56	(10.6%)
7th/[599,617)	8.09	14.71	8.82	10.54	8.82	6.37	10.05	9.80	12.50	10.29	(9.9%)
8th/[617,639)	11.71	9.27	11.46	11.22	10.49	9.02	10.98	9.76	6.34	9.76	(10%)
9th/[639,667)	12.83	9.93	12.11	10.17	7.99	10.41	7.75	8.23	12.35	8.23	(10.1%)
10th/[667,871]	13.77	9.42	10.39	10.14	11.35	8.45	10.63	7.49	8.94	9.42	(10.1%)

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

QQ-Plot: Student Growth Percentiles

