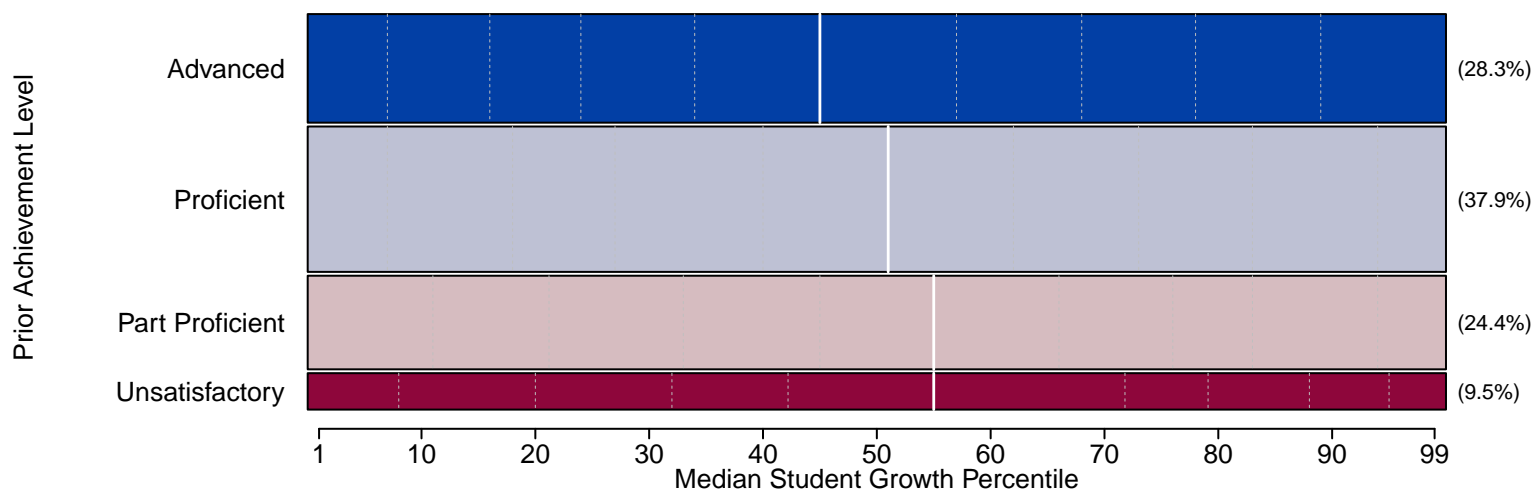


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, Grade 7 (N = 4,152)

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:	[280,344]	32.0	12.0	20.0	8.0	8.0	8.0	0.0	4.0	0.0	0.0	8.0	N = 25
		[344,386]	30.8	11.5	11.5	19.2	11.5	7.7	0.0	0.0	0.0	0.0	7.7	N = 26
	Highest OSS:	[715,726]	0.0	0.0	0.0	0.0	0.0	4.0	8.0	4.0	16.0	36.0	16.0	N = 25
		[726,860]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	11.1	22.2	25.9	N = 27

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	
Prior Scale Score Decile/Range*	1st/[240,457]	11.19	8.52	8.52	7.06	10.71	7.06	5.60	11.92	11.92	17.52	(9.9%)
	2nd/[457,490]	8.64	7.65	8.89	9.63	11.85	9.63	5.93	11.85	11.60	14.32	(9.8%)
	3rd/[490,512]	9.57	10.05	7.66	8.85	7.66	11.48	10.53	7.18	11.00	16.03	(10.1%)
	4th/[512,531]	9.90	10.64	9.90	5.94	8.42	9.16	9.41	9.90	7.67	19.06	(9.7%)
	5th/[531,548]	9.36	10.73	7.31	7.76	7.53	9.13	9.59	12.33	11.42	14.84	(10.5%)
	6th/[548,566]	14.95	9.07	10.78	7.60	9.31	9.56	8.09	8.33	10.05	12.25	(9.8%)
	7th/[566,585]	13.51	7.11	12.09	9.00	11.14	7.35	7.58	10.90	8.77	12.56	(10.2%)
	8th/[585,607]	13.18	10.70	9.20	10.20	7.71	7.96	11.19	6.97	10.95	11.94	(9.7%)
	9th/[607,639]	14.02	10.98	11.21	7.71	10.51	10.51	8.88	9.58	7.94	8.64	(10.3%)
	10th/[639,830]	14.18	11.78	10.10	9.13	9.62	8.65	7.45	10.58	10.10	8.41	(10%)

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

QQ-Plot: Student Growth Percentiles

