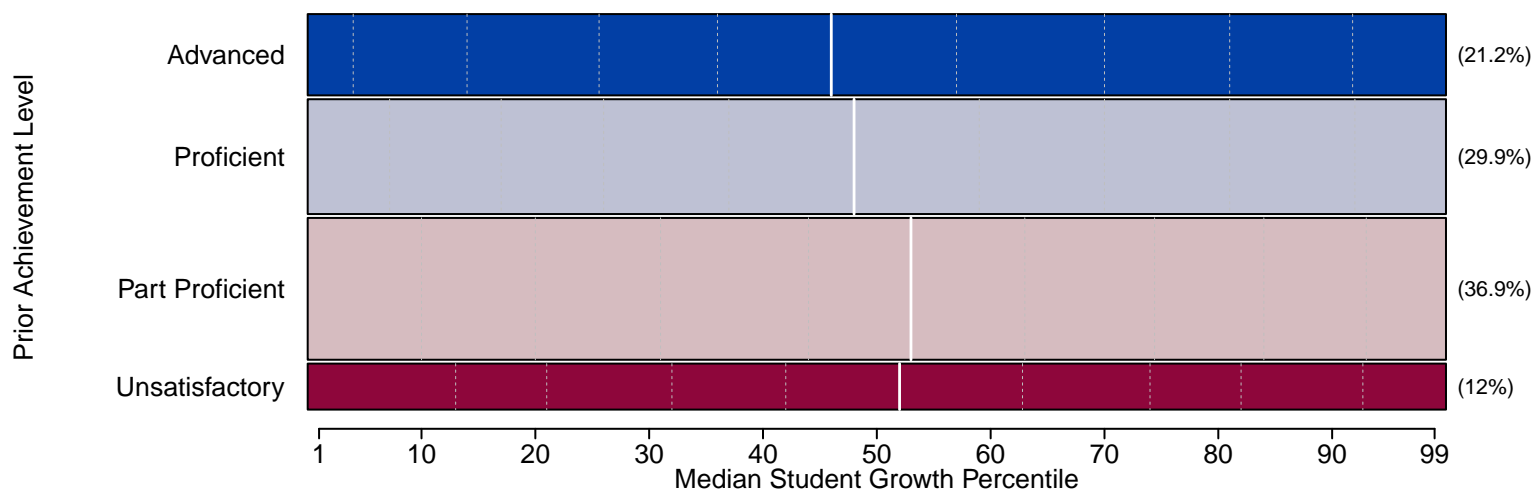


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, Grade 8 (N = 4,123)

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:	[310,421]	34.6	19.2	23.1	11.5	3.8	3.8	0.0	0.0	0.0	3.8	0.0	0.0	N = 26
		[421,445]	22.2	11.1	14.8	29.6	14.8	0.0	3.7	3.7	0.0	0.0	0.0	0.0	N = 27
	Highest OSS:	[696,707]	7.7	3.8	3.8	3.8	0.0	7.7	11.5	7.7	7.7	3.8	11.5	30.8	N = 26
		[707,890]	3.4	3.4	0.0	0.0	0.0	0.0	0.0	13.8	10.3	24.1	10.3	34.5	N = 29

Student Growth Percentile 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		
Prior Scale Score Decile/Range*	1st/[280,479]	8.27	9.98	9.98	9.25	11.19	7.06	9.25	12.90	8.76	13.38	(10%)	
	2nd/[479,506]	9.09	7.07	8.59	8.84	9.85	10.61	9.85	11.87	10.86	13.38	(9.6%)	
	3rd/[506,525]	11.85	10.62	9.14	7.90	8.15	9.63	10.12	8.40	11.60	12.59	(9.8%)	
	4th/[525,544]	8.45	9.15	9.39	8.45	10.09	9.62	10.56	11.74	7.75	14.79	(10.3%)	
	5th/[544,560]	9.71	12.14	7.04	10.92	7.04	10.68	7.28	11.17	8.98	15.05	(10%)	
	6th/[560,577]	11.96	9.57	10.77	12.44	7.42	9.09	8.13	9.09	8.85	12.68	(10.1%)	
	7th/[577,595]	14.36	9.65	8.42	8.66	9.41	9.65	9.16	7.43	8.66	14.60	(9.8%)	
	8th/[595,616]	12.32	12.32	8.21	11.84	8.21	9.42	7.25	9.66	9.42	11.35	(10%)	
	9th/[616,645]	14.42	8.65	9.86	10.34	9.38	7.45	7.45	10.34	9.86	12.26	(10.1%)	
	10th/[645,817]	16.39	10.93	8.08	9.26	10.69	9.74	6.41	7.60	9.26	11.64	(10.2%)	

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

QQ-Plot: Student Growth Percentiles

