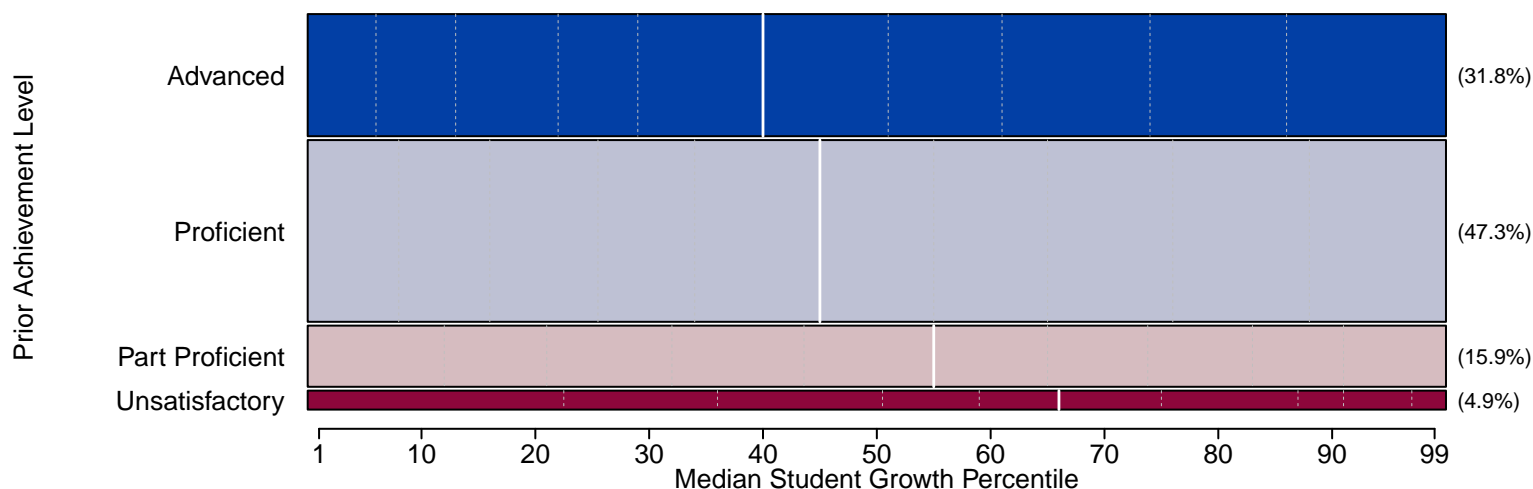


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 5 (N = 4,175)

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:	[220,334]	28.0	12.0	12.0	12.0	4.0	12.0	16.0	0.0	0.0	4.0	0.0	0.0	N = 25
		[334,369]	12.0	0.0	16.0	16.0	12.0	12.0	16.0	8.0	8.0	0.0	0.0	0.0	N = 25
	Highest OSS:	[697,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	33.3	37.5	25.0	N = 24
		[721,800]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	25.0	53.6	N = 28

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/[180,419]	3.63	7.51	9.20	6.78	7.02	10.41	12.59	9.44	16.22	17.19	(9.9%)
	2nd/[419,452]	8.17	12.50	9.86	9.62	10.10	9.13	9.86	9.86	10.34	10.58	(10%)
	3rd/[452,475]	6.43	12.38	8.81	7.86	9.05	13.33	8.33	10.48	10.48	12.86	(10.1%)
	4th/[475,492]	12.50	12.50	9.56	9.80	10.54	10.05	7.60	7.35	8.09	12.01	(9.8%)
	5th/[492,508]	13.72	13.95	14.88	10.70	10.00	6.51	11.16	8.14	5.12	5.81	(10.3%)
	6th/[508,525]	12.29	9.88	9.16	13.49	8.43	10.84	9.40	8.43	9.16	8.92	(9.9%)
	7th/[525,541]	13.94	11.78	10.10	10.34	9.13	10.58	8.89	9.86	8.17	7.21	(10%)
	8th/[541,561]	16.11	13.74	13.98	9.48	10.19	8.77	6.64	7.11	6.87	7.11	(10.1%)
	9th/[561,592]	17.56	10.73	12.93	8.78	7.80	9.51	12.20	6.59	7.32	6.59	(9.8%)
	10th/[592,780]	11.76	12.71	11.29	10.12	8.00	11.06	8.00	9.18	10.82	7.06	(10.2%)

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

QQ-Plot: Student Growth Percentiles

