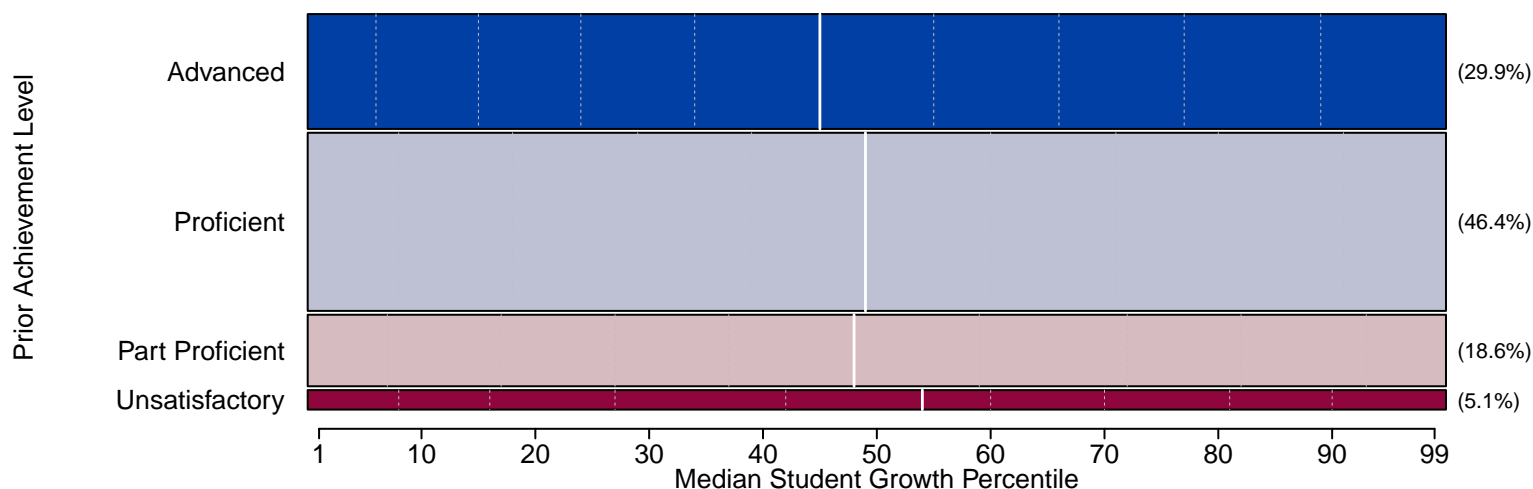


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP SIMEX, Grade 5 (N = 4,156)

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:	[220,330]	48.0	12.0	16.0	4.0	0.0	8.0	8.0	0.0	4.0	0.0	0.0	N = 25	
		[330,348]	32.0	8.0	20.0	12.0	0.0	16.0	4.0	8.0	0.0	0.0	0.0	N = 25	
	Highest OSS:	[690,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	44.0	N = 25	
		[721,800]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	16.0	64.0	N = 25	

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/[223,411]	12.56	9.85	8.13	6.40	10.59	10.84	9.36	9.85	9.85	12.56	(9.8%)
	2nd/[411,445]	12.35	10.62	9.63	9.88	9.14	10.86	7.90	9.63	8.15	11.85	(9.7%)
	3rd/[445,467]	10.96	10.72	11.89	10.49	9.09	8.16	6.99	8.86	9.79	13.05	(10.3%)
	4th/[467,485]	12.59	9.63	6.42	9.38	8.15	10.37	8.40	9.88	10.62	14.57	(9.7%)
	5th/[485,502]	12.65	7.54	10.46	10.95	10.95	9.00	8.76	12.90	9.98	6.81	(9.9%)
	6th/[502,519]	11.57	8.92	10.60	10.36	10.60	8.43	9.40	8.19	9.88	12.05	(10%)
	7th/[519,537]	11.85	9.00	11.14	9.24	8.29	9.95	9.24	9.95	9.48	11.85	(10.2%)
	8th/[537,558]	16.05	10.93	10.47	9.30	9.77	6.74	8.37	9.77	9.07	9.53	(10.3%)
	9th/[558,588]	12.32	9.66	8.70	10.63	9.42	10.14	12.08	9.18	9.90	7.97	(10%)
	10th/[588,780]	15.27	9.07	11.69	11.93	7.64	10.26	8.59	8.35	7.16	10.02	(10.1%)

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

QQ-Plot: Student Growth Percentiles

