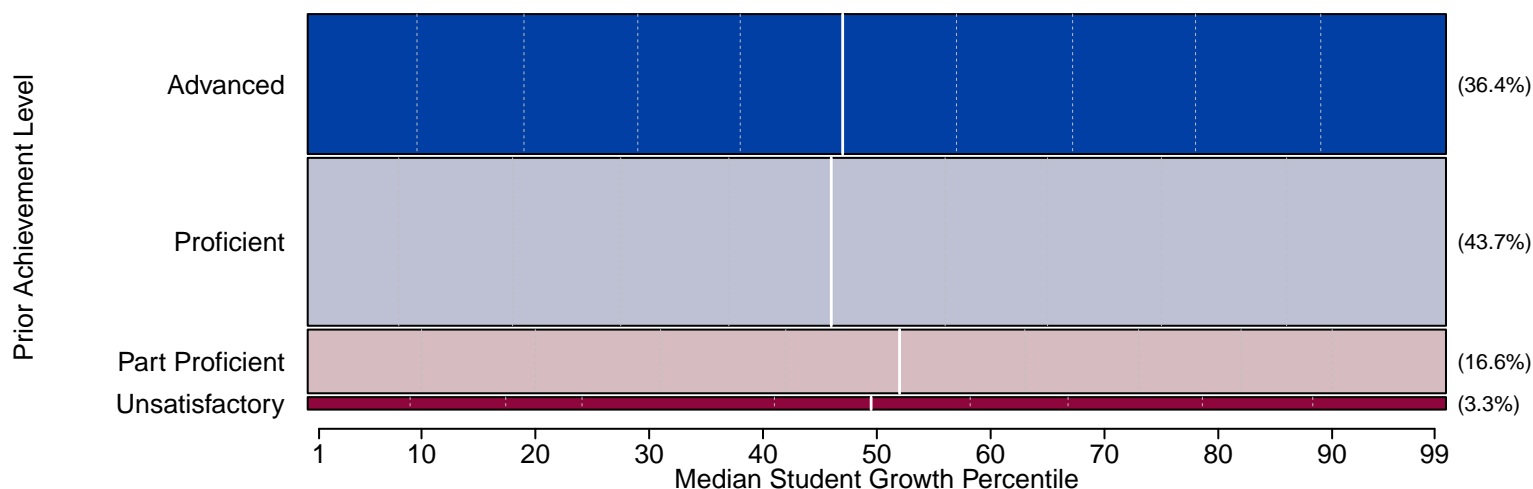


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP, Grade 4 (N = 4,245)

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:	[180,304]	52.0	20.0	4.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	N = 25
		[304,330]	16.0	12.0	36.0	20.0	4.0	8.0	0.0	4.0	0.0	0.0	0.0	N = 25
	Highest OSS:	[686,708]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
		[708,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25

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/[150,381]	9.05	10.48	8.33	7.62	11.19	8.81	10.00	10.48	11.90	12.14	(9.9%)
2nd/[381,419]	10.43	10.43	9.95	9.72	9.00	10.90	8.77	10.19	12.09	8.53	(9.9%)
3rd/[419,442]	11.35	10.63	10.63	12.56	10.14	9.66	9.42	10.14	6.76	8.70	(9.8%)
4th/[442,463]	10.79	11.03	11.99	13.67	8.15	8.87	13.43	7.67	8.15	6.24	(9.8%)
5th/[463,483]	11.72	9.20	9.43	9.20	10.57	11.72	11.49	10.11	8.97	7.59	(10.2%)
6th/[483,502]	11.21	9.81	10.98	10.75	11.68	11.68	9.11	8.41	8.64	7.71	(10.1%)
7th/[502,522]	11.24	11.24	10.53	10.29	9.33	11.48	9.81	10.53	9.09	6.46	(9.8%)
8th/[522,552]	10.07	8.92	8.01	13.27	10.53	11.21	9.61	9.61	8.47	10.30	(10.3%)
9th/[552,591]	10.30	11.71	11.01	9.60	11.94	8.90	8.43	8.20	9.37	10.54	(10.1%)
10th/[591,700]	8.67	10.07	10.77	10.54	8.43	10.54	9.37	11.48	9.84	10.30	(10.1%)

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

QQ-Plot: Student Growth Percentiles

