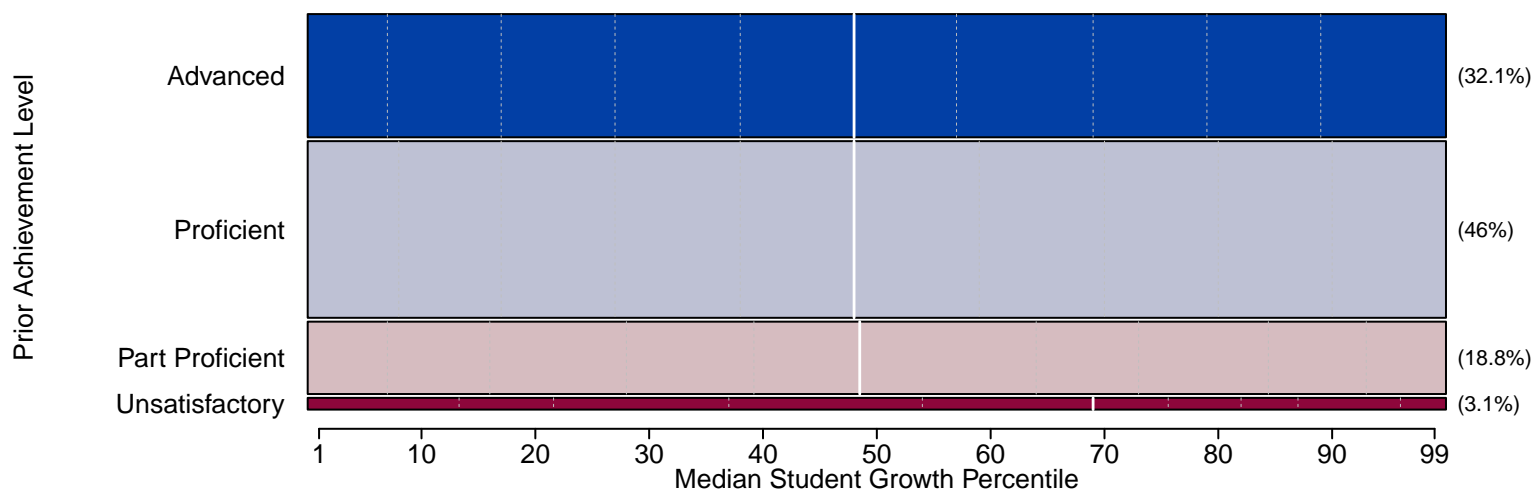


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 4 (N = 4,054)

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:	[191,311]	50.0	7.7	23.1	3.8	3.8	0.0	0.0	0.0	3.8	3.8	0.0	3.8	N = 26
		[311,334]	37.0	18.5	11.1	0.0	3.7	11.1	3.7	0.0	11.1	3.7	0.0	0.0	N = 27
	Highest OSS:	[684,721]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	28.6	57.1	N = 21
		[721,780]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	N = 29

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/[150,381]	9.65	10.40	6.93	8.66	9.65	5.45	8.17	11.63	12.87	16.58	(10%)
	2nd/[381,414]	15.10	10.64	7.67	8.17	9.65	6.19	10.89	9.16	9.41	13.12	(10%)
	3rd/[414,437]	9.92	10.69	9.92	8.14	10.43	9.41	11.20	9.41	7.89	12.98	(9.7%)
	4th/[437,457]	12.83	12.59	7.84	6.41	9.50	9.26	8.55	11.40	9.26	12.35	(10.4%)
	5th/[457,476]	9.23	13.19	10.03	10.55	10.03	9.23	7.12	9.23	10.03	11.35	(9.3%)
	6th/[476,495]	12.89	10.50	10.98	9.31	9.55	6.68	10.74	10.26	9.79	9.31	(10.3%)
	7th/[495,515]	12.53	9.16	7.95	10.12	10.60	8.92	11.81	8.92	9.40	10.60	(10.2%)
	8th/[515,538]	12.44	11.42	7.11	11.42	11.42	9.64	9.14	8.63	9.90	8.88	(9.7%)
	9th/[538,576]	12.22	10.51	8.80	11.00	10.27	8.56	9.29	10.27	9.78	9.29	(10.1%)
	10th/[576,700]	13.22	9.86	10.82	7.69	10.10	8.65	9.13	9.13	10.58	10.82	(10.3%)

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

QQ-Plot: Student Growth Percentiles

