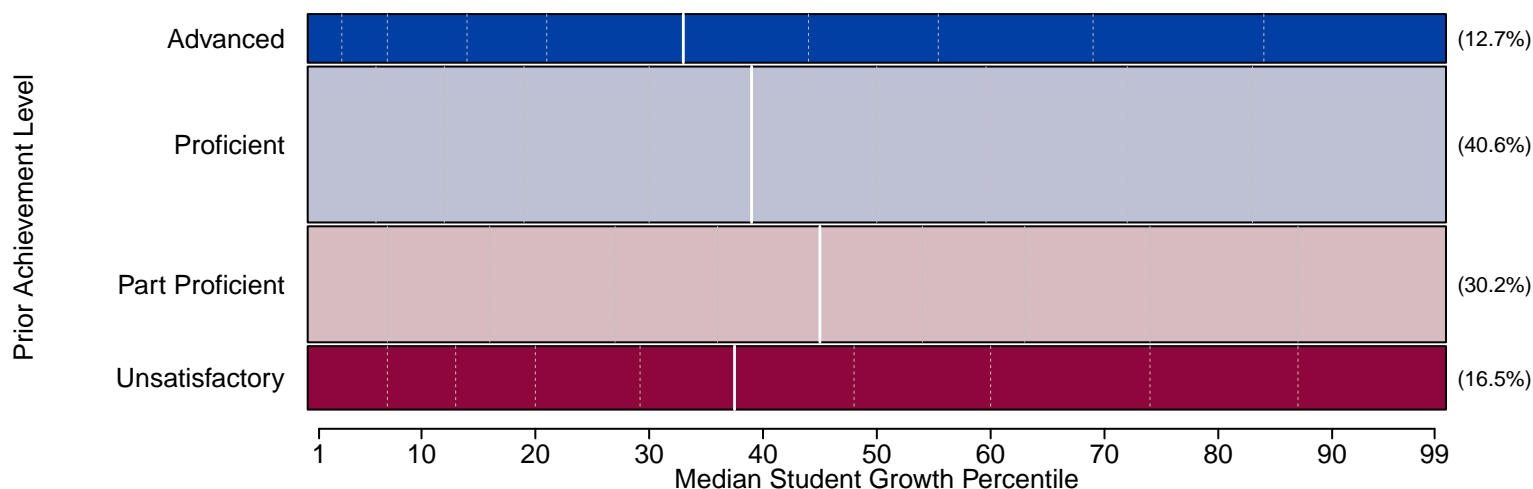


Student Growth Percentile Goodness-of-Fit Descriptives

2021 Mathematics SGP, Grade 8 (N = 6,499)

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:	[381.7,413.5]	68.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
			48.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N = 25
	Highest OSS:	[595.8,611.7]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	32.0	4.0	56.0	N = 25
			0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	20.0	16.0	48.0	N = 25

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/[402,457]	15.74	16.51	10.94	12.28	10.94	6.33	6.14	4.80	6.91	9.40	(8%)
	2nd/[457,475]	12.06	14.53	9.74	11.92	9.59	10.03	9.01	7.27	8.87	6.98	(10.6%)
	3rd/[475,485]	15.56	12.16	9.89	10.53	8.91	11.18	10.37	5.19	8.27	7.94	(9.5%)
	4th/[485,492]	9.41	12.37	8.71	8.89	12.72	9.58	13.59	7.49	10.80	6.45	(8.8%)
	5th/[492,502]	14.07	9.69	9.57	8.98	12.17	9.10	13.00	6.26	9.34	7.80	(13%)
	6th/[502,508]	12.79	12.30	10.66	12.46	11.97	9.34	9.18	9.51	6.89	4.92	(9.4%)
	7th/[508,517]	15.96	17.21	10.80	9.08	8.14	10.80	7.51	6.57	8.29	5.63	(9.8%)
	8th/[517,527]	16.83	15.03	7.52	10.29	7.35	10.78	9.15	10.46	6.37	6.21	(9.4%)
	9th/[527,546]	16.83	14.27	9.13	12.13	7.85	10.70	7.70	8.27	6.28	6.85	(10.8%)
	10th/[546,661]	24.46	15.20	9.70	7.81	7.67	9.84	6.22	6.95	6.08	6.08	(10.6%)

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

QQ-Plot: Student Growth Percentiles

