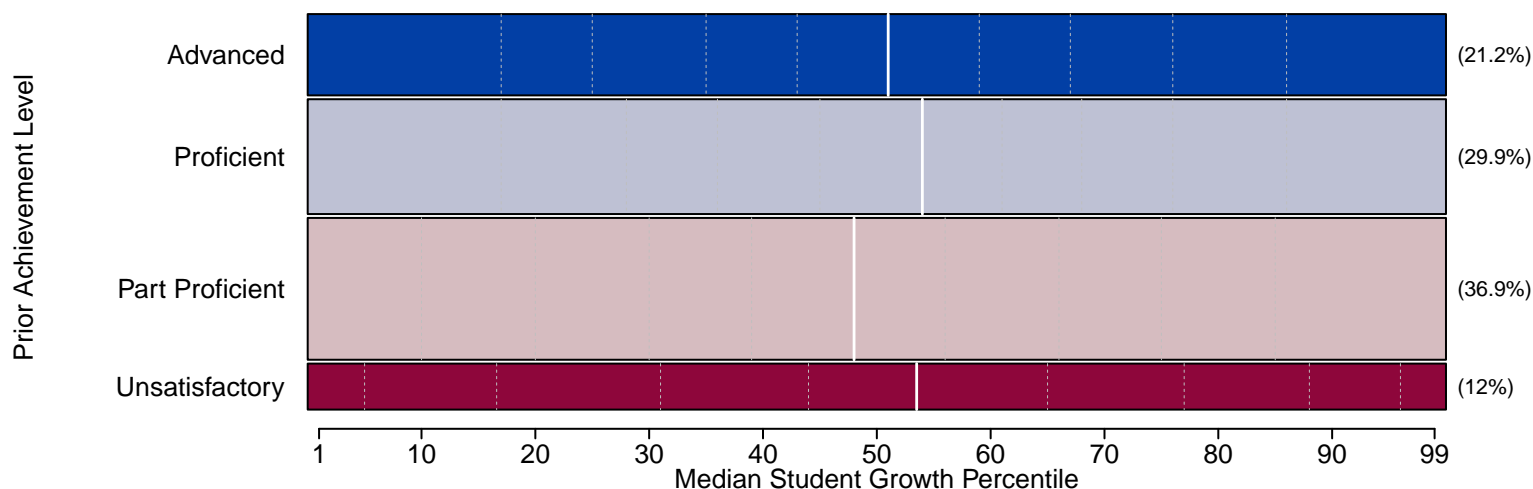


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Mathematics SGP Ols, Grade 8 (N = 4,123)

SGP Deciles by Prior Achievement Level (Mathematics)



Ceiling / Floor Effects Test

		Student Growth Percentile Range													
		1 to 55 to 910 to 1920 to 2930 to 3940 to 4950 to 5960 to 6970 to 7980 to 8990 to 9495 to 99													
Current Observed Score Extremes (Range)	Lowest OSS:	[310,421]	73.1	0.0	7.7	0.0	0.0	3.8	0.0	0.0	7.7	0.0	3.8	3.8	N = 26
		[421,445]	59.3	7.4	3.7	3.7	7.4	3.7	3.7	7.4	0.0	0.0	0.0	3.7	N = 27
	Highest OSS:	[696,707]	11.5	0.0	7.7	0.0	0.0	3.8	15.4	11.5	3.8	19.2	11.5	15.4	N = 26
		[707,890]	0.0	0.0	6.9	0.0	3.4	3.4	3.4	6.9	10.3	17.2	10.3	37.9	N = 29

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/[280,479]	15.57	6.57	6.81	6.81	9.49	8.76	7.30	9.00	9.00	20.68	(10%)	
	2nd/[479,506]	8.84	9.85	9.09	10.35	11.87	11.11	9.85	10.35	8.33	10.35	(9.6%)	
	3rd/[506,525]	12.10	11.11	10.86	11.36	11.36	9.38	9.14	9.88	8.64	6.17	(9.8%)	
	4th/[525,544]	9.39	8.69	10.56	11.03	11.27	11.74	9.39	12.91	8.22	6.81	(10.3%)	
	5th/[544,560]	7.28	11.89	8.98	9.71	10.44	12.62	13.59	11.41	7.77	6.31	(10%)	
	6th/[560,577]	6.70	6.46	11.00	11.00	10.29	12.92	15.79	10.77	10.53	4.55	(10.1%)	
	7th/[577,595]	5.45	8.91	8.17	11.39	7.67	14.11	13.86	11.88	10.40	8.17	(9.8%)	
	8th/[595,616]	2.90	5.31	12.56	9.42	17.15	13.29	9.66	14.73	6.52	8.45	(10%)	
	9th/[616,645]	4.09	6.97	11.06	7.45	14.42	14.18	10.58	14.66	7.45	9.13	(10.1%)	
	10th/[645,817]	4.28	10.93	13.30	9.26	13.78	11.64	13.54	9.98	7.13	6.18	(10.2%)	

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

QQ-Plot: Student Growth Percentiles

