Student Growth Percentile Goodness–of–Fit Descriptives
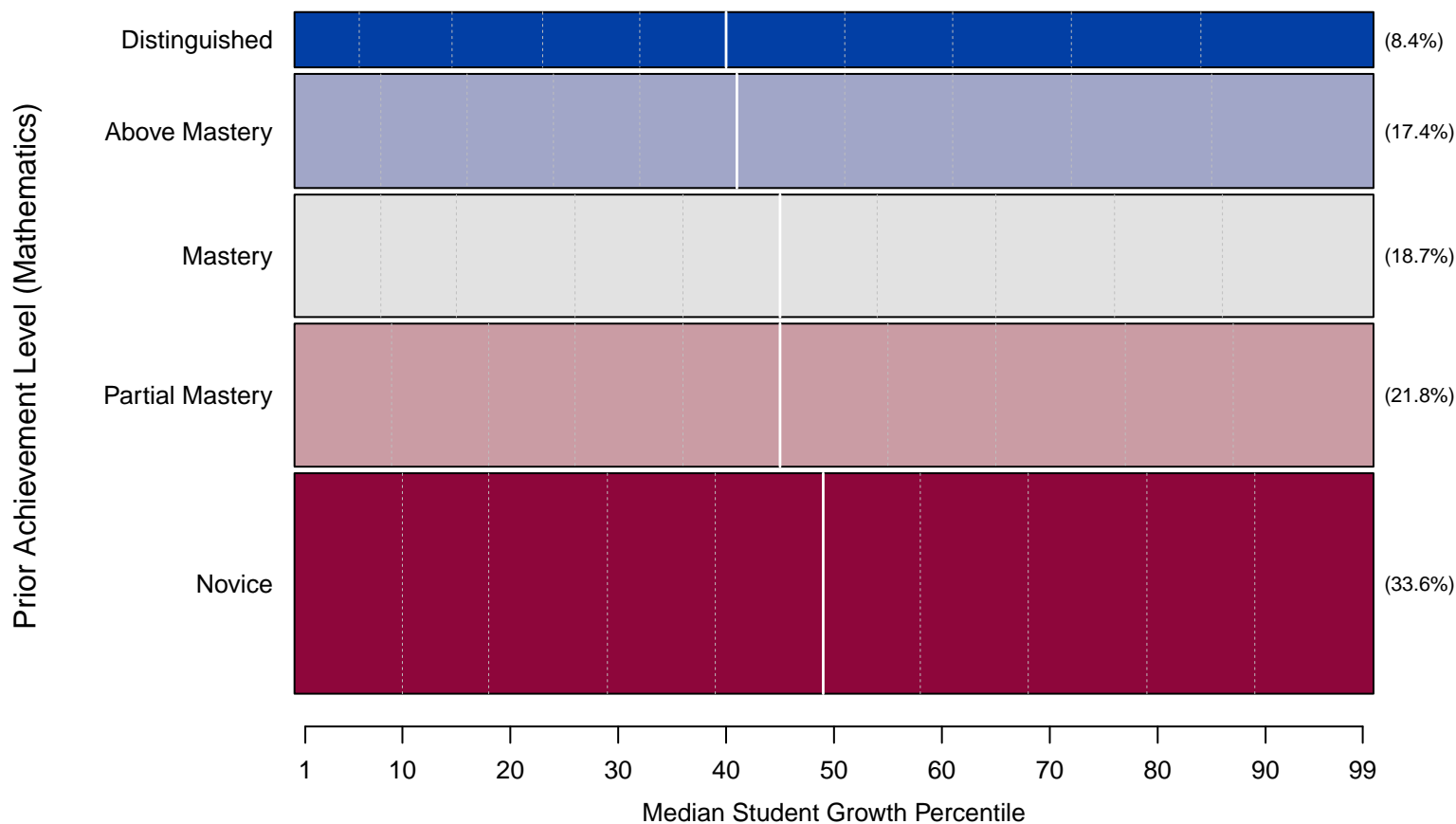
2013–2014 Mathematics SGP, Grade 9 (N = 18,545)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Distinguished	(8.4%)
Above Mastery	(17.4%)
Mastery	(18.7%)
Partial Mastery	(21.8%)
Novice	(33.6%)

Median Student Growth Percentile

Student Growth Percentile Range

Prior Scale Score Decile/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/[502,543]	9.74	14.61	8.35	9.19	8.28	9.05	10.79	10.23	10.37	9.39	(7.7%)
2nd/[543,597]	8.22	12.05	8.58	10.27	11.23	9.72	10.77	9.04	10.82	9.31	(11.8%)
3rd/[597,615]	9.88	9.47	9.65	10.53	10.00	11.40	9.47	9.12	11.46	9.01	(9.2%)
4th/[615,629]	12.49	8.30	11.01	11.07	11.66	10.95	9.84	8.83	9.07	6.77	(9.2%)
5th/[629,640]	10.01	11.74	12.88	11.50	10.55	8.69	9.23	7.67	10.19	7.55	(9%)
6th/[640,656]	10.80	12.17	9.57	9.57	11.23	10.25	9.02	9.74	9.95	7.70	(12.7%)
7th/[656,665]	12.61	11.00	11.14	10.23	10.86	8.41	9.95	9.81	9.11	6.87	(7.7%)
8th/[665,677]	12.51	11.34	10.00	11.55	9.57	9.84	9.47	9.89	9.09	6.74	(10.1%)
9th/[677,696]	12.78	12.86	12.39	11.39	9.87	9.04	10.13	8.82	6.65	6.08	(12.4%)
10th/[696,880]	13.11	11.26	12.00	12.27	9.62	10.36	9.41	8.73	7.30	5.92	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution