Student Growth Percentile Goodness–of–Fit Descriptives
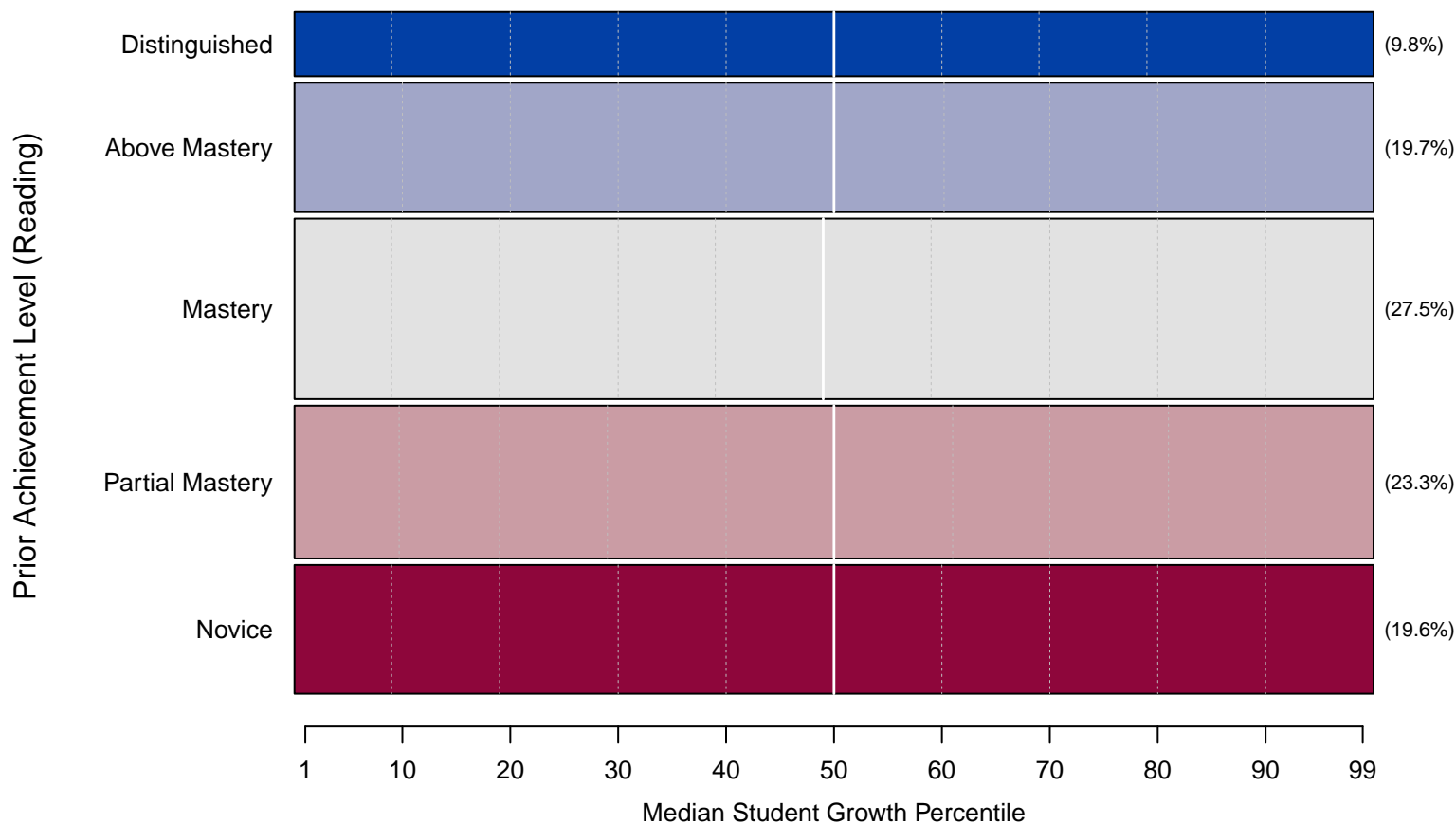
2013–2014 Reading SGP, Grade 10 (N = 17,959)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	Percentage
Distinguished	(9.8%)
Above Mastery	(19.7%)
Mastery	(27.5%)
Partial Mastery	(23.3%)
Novice	(19.6%)

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/[148,422)	9.28	10.04	10.15	9.86	10.04	9.57	9.86	10.15	10.85	10.21	(9.5%)
2nd/[422,449)	11.31	9.82	8.66	10.38	9.99	10.15	9.60	10.10	9.44	10.54	(10.1%)
3rd/[449,466)	10.44	10.27	10.82	9.18	9.18	9.45	10.00	9.07	10.05	11.53	(10.2%)
4th/[466,480)	9.78	10.17	9.27	9.27	10.67	9.83	10.51	9.55	10.73	10.22	(9.9%)
5th/[480,492)	9.52	10.02	10.02	9.69	10.36	9.18	9.74	10.58	9.52	11.37	(9.9%)
6th/[492,503)	10.12	11.17	9.59	10.29	9.94	10.18	9.18	9.06	10.18	10.29	(9.5%)
7th/[503,515)	10.19	9.17	9.22	10.84	9.82	9.87	9.44	10.46	10.14	10.84	(10.3%)
8th/[515,529)	9.55	10.15	10.59	9.17	9.39	9.66	10.92	10.97	9.17	10.43	(10.2%)
9th/[529,548)	9.47	9.77	11.27	9.53	10.25	9.95	9.53	9.23	9.71	11.27	(9.3%)
10th/[548,709)	10.09	9.68	9.02	10.04	9.93	10.49	10.54	10.04	9.83	10.34	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution