Student Growth Percentile Goodness–of–Fit Descriptives
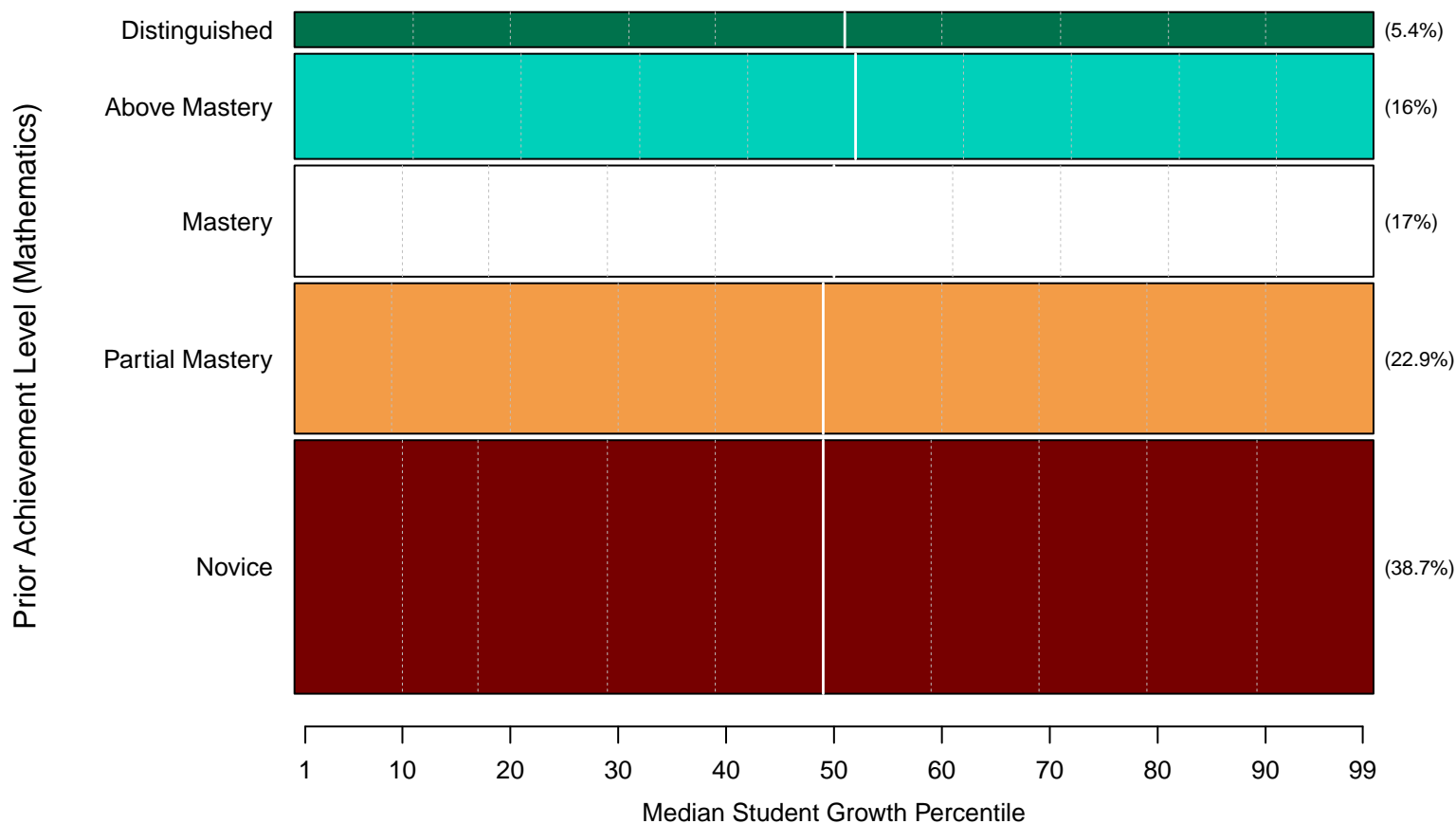## 2010–2011 Mathematics SGP, Grade 9 (N = 18,430)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Distinguished	(5.4%)
Above Mastery	(16%)
Mastery	(17%)
Partial Mastery	(22.9%)
Novice	(38.7%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

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/[502,552]	9.08	15.49	6.61	8.95	9.41	10.95	9.61	9.75	9.75	10.41	(8.1%)
2nd/[552,590]	7.88	14.47	7.33	10.81	9.46	11.29	8.73	10.13	10.38	9.52	(8.9%)
3rd/[590,611]	9.12	12.00	9.22	10.01	10.16	9.47	10.16	9.37	9.67	10.81	(10.9%)
4th/[611,626]	12.90	5.97	12.25	9.51	10.63	10.37	9.77	9.67	9.67	9.26	(10.7%)
5th/[626,638]	10.58	7.42	10.41	12.02	9.69	9.25	9.97	10.52	10.02	10.13	(9.8%)
6th/[638,648]	9.76	9.58	10.13	10.25	10.79	9.16	10.61	10.61	8.68	10.43	(9%)
7th/[648,662]	10.27	11.62	9.80	10.41	9.05	9.24	9.75	9.33	9.94	10.59	(11.6%)
8th/[662,674]	8.70	11.50	9.27	8.98	9.55	8.75	11.33	10.41	10.24	11.27	(9.5%)
9th/[674,688]	9.00	9.94	8.83	10.28	10.22	9.17	10.17	10.28	10.56	11.56	(9.8%)
10th/[688,880]	8.39	9.09	10.44	10.86	9.04	10.58	9.70	10.02	10.63	11.24	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100