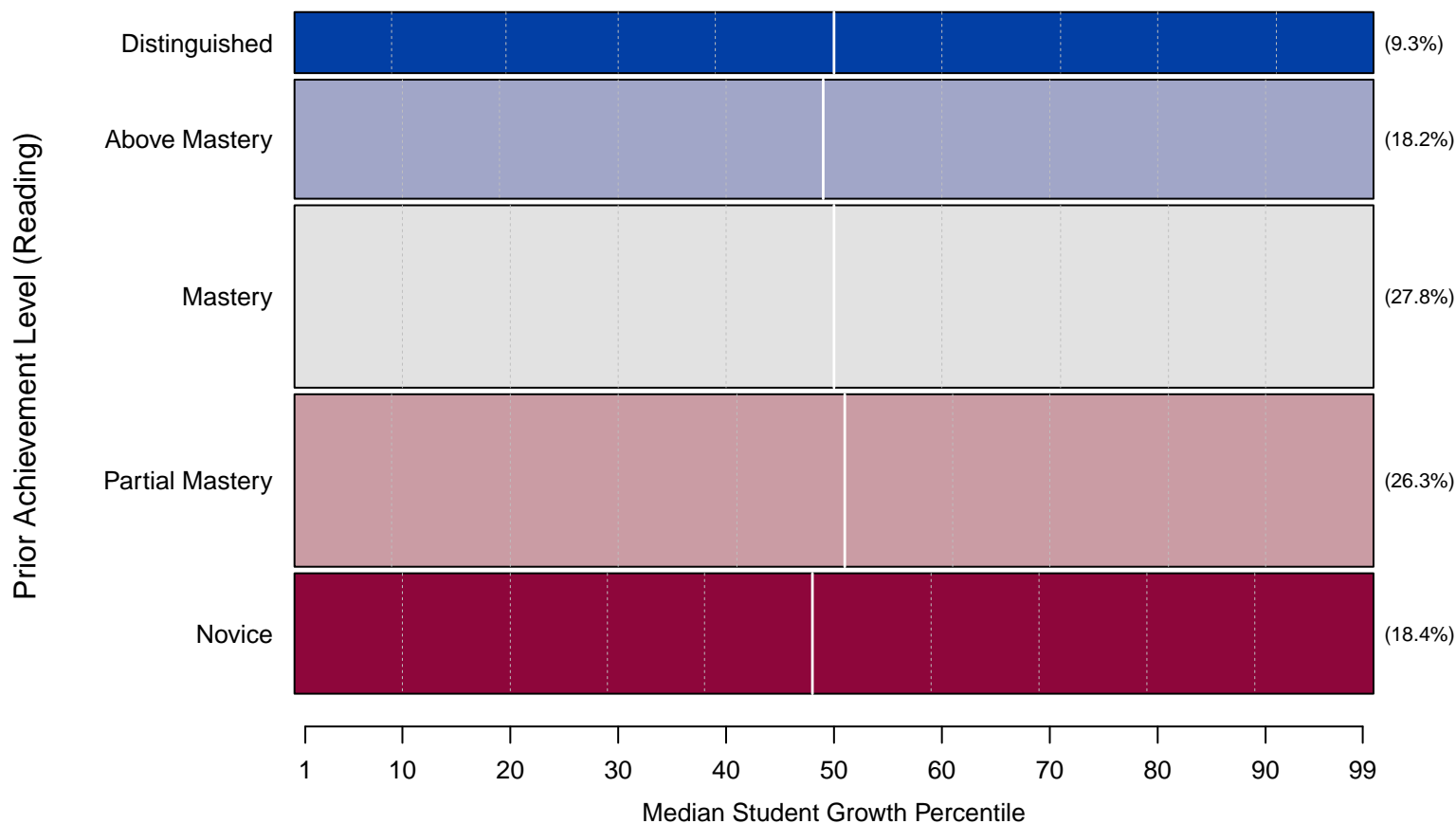# Student Growth Percentile Goodness–of–Fit Descriptives

2013–2014 Reading SGP, Grade 11 (N = 15,988)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading)

Level	(%)
Distinguished	(9.3%)
Above Mastery	(18.2%)
Mastery	(27.8%)
Partial Mastery	(26.3%)
Novice	(18.4%)

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/[150,432)	10.37	9.30	10.44	10.69	9.17	10.06	10.12	10.37	9.80	9.68	(9.9%)
2nd/[432,456)	8.24	11.51	11.12	10.07	10.20	9.55	9.22	10.01	9.48	10.60	(9.6%)
3rd/[456,473)	10.69	8.85	9.56	10.10	9.68	9.86	10.39	9.56	10.69	10.63	(10.5%)
4th/[473,486)	10.38	10.52	9.84	9.36	10.18	10.18	9.91	9.57	9.70	10.38	(9.2%)
5th/[486,498)	9.57	8.78	9.81	10.11	9.75	9.63	10.59	9.63	10.11	12.03	(10.4%)
6th/[498,509)	9.51	10.17	10.09	9.73	10.46	9.66	9.22	10.17	10.31	10.68	(8.6%)
7th/[509,522)	10.42	9.90	9.90	9.61	9.32	10.13	10.19	9.73	10.65	10.13	(10.8%)
8th/[522,538)	10.34	10.17	9.71	10.22	9.99	9.36	10.05	10.11	8.79	11.26	(10.9%)
9th/[538,555)	8.77	10.17	8.70	10.38	11.21	9.61	10.24	10.10	10.52	10.31	(9%)
10th/[555,743]	10.30	9.45	10.47	10.19	8.84	10.30	9.57	10.07	10.07	10.75	(11.1%)

*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