Student Growth Percentile Goodness–of–Fit Descriptives
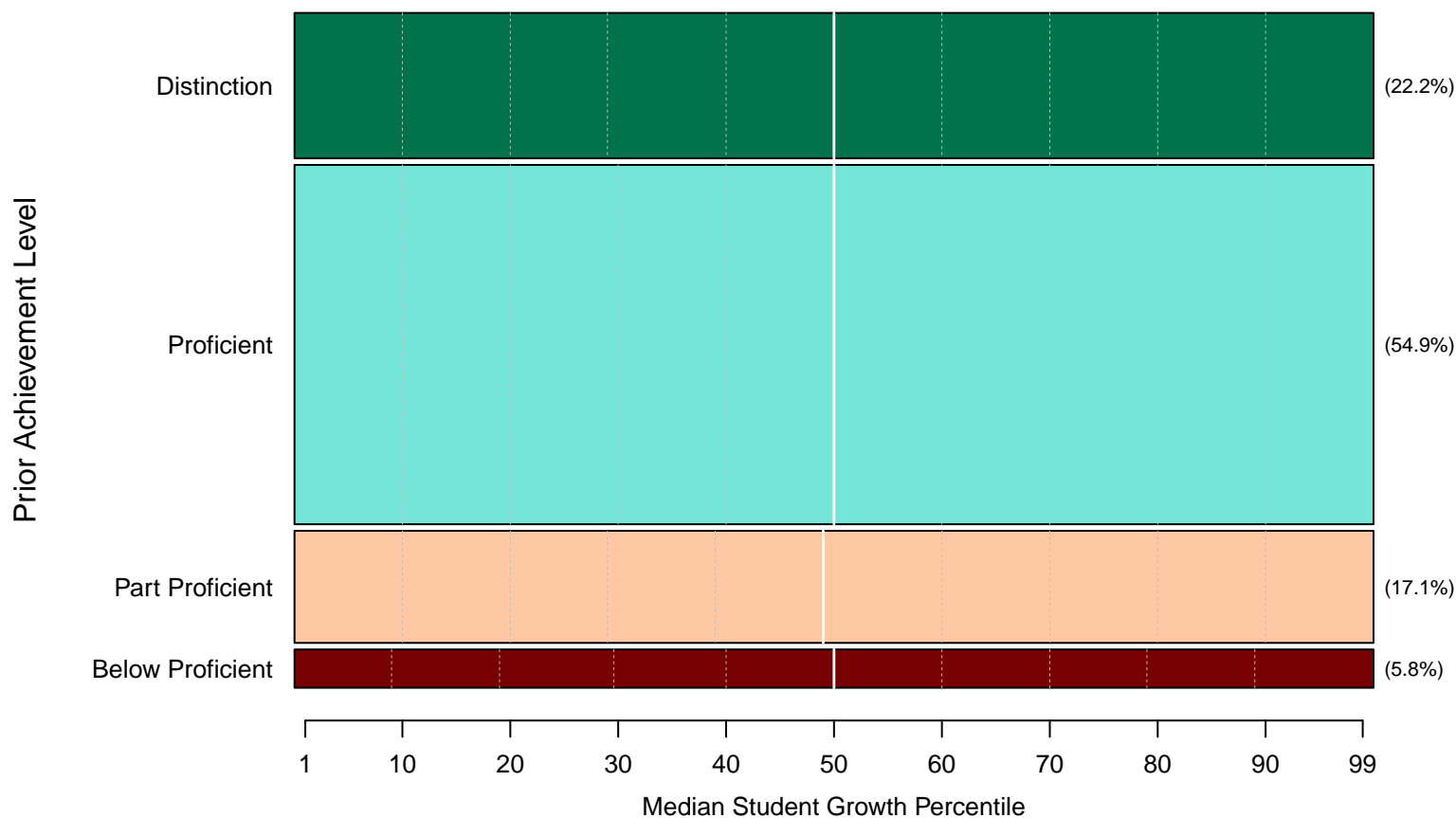
2012–2013 Reading SGP, Grade 6 (N = 13,389)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (y-axis):
- Distinction (22.2%)
- Proficient (54.9%)
- Part Proficient (17.1%)
- Below Proficient (5.8%)

Median Student Growth Percentile (x-axis): 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/[500,534)	9.81	10.53	9.72	10.21	10.29	9.72	9.72	9.97	9.97	10.05	(9.2%)
2nd/[534,539)	9.97	9.10	11.44	9.62	9.71	9.71	10.75	10.23	9.10	10.40	(8.6%)
3rd/[539,543)	10.03	9.52	9.78	9.78	9.46	10.22	10.29	9.97	10.16	10.80	(11.7%)
4th/[543,546)	8.43	10.88	9.11	10.46	10.79	9.61	9.70	10.03	10.37	10.62	(8.9%)
5th/[546,548)	10.35	11.14	11.51	10.42	9.48	9.26	8.90	9.99	9.84	9.12	(10.3%)
6th/[548,550)	7.29	9.80	10.75	10.27	11.11	9.56	10.99	8.72	10.39	11.11	(6.3%)
7th/[550,553)	10.18	10.12	9.47	9.08	9.86	9.92	10.25	10.31	9.86	10.96	(11.5%)
8th/[553,557)	9.82	9.49	8.96	10.01	11.00	9.95	10.14	10.54	10.08	10.01	(11.3%)
9th/[557,561)	9.97	11.38	10.22	10.47	9.22	10.13	9.97	8.47	9.47	10.71	(9%)
10th/[561,580]	9.51	9.56	10.07	9.39	9.96	10.24	9.68	10.53	10.70	10.36	(13.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution (y-axis): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100