Student Growth Percentile Goodness–of–Fit Descriptives
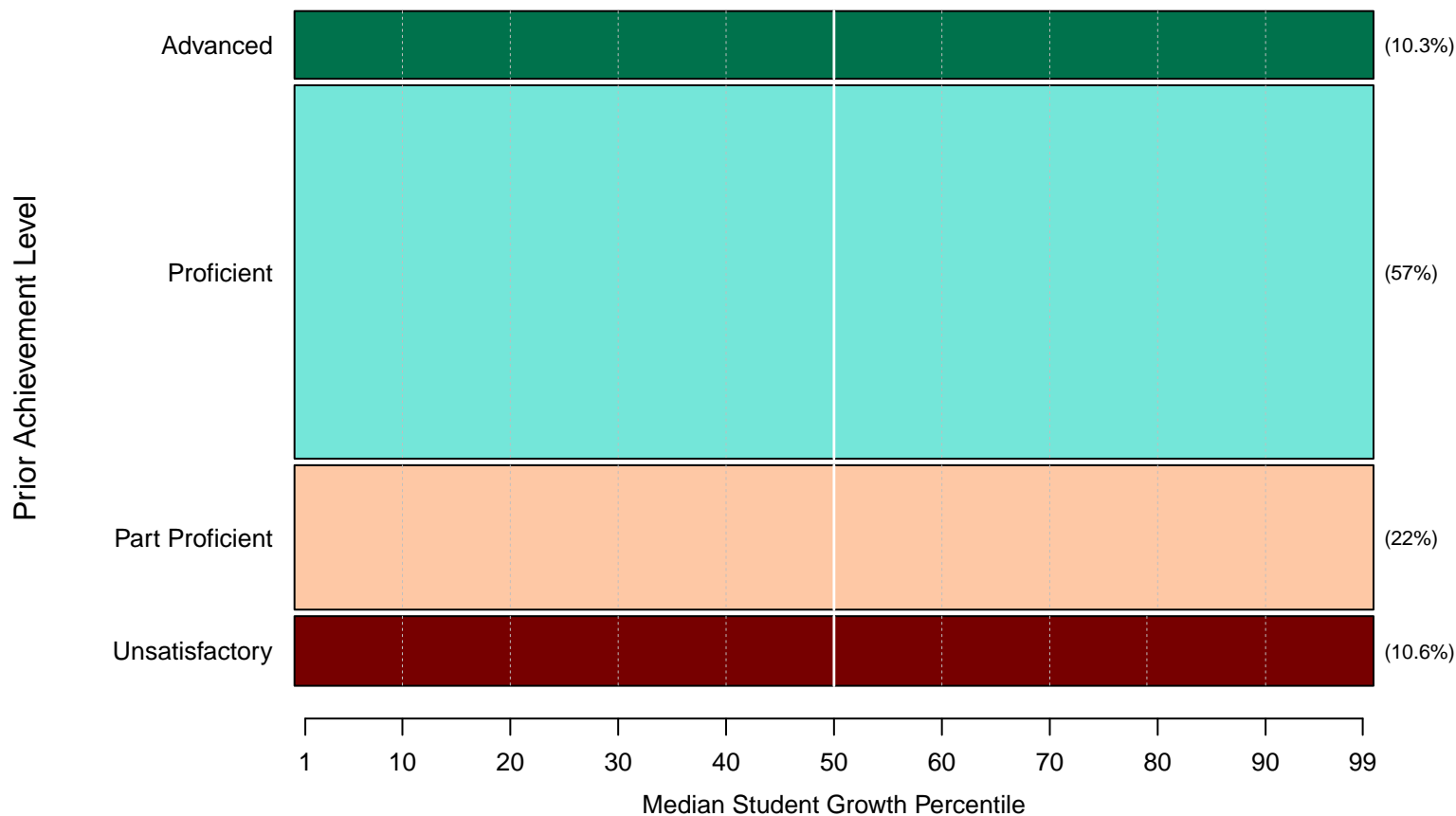
2005 Reading SGP, Grade 9 (N = 50,480)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

Level	Percent
Advanced	(10.3%)
Proficient	(57%)
Part Proficient	(22%)
Unsatisfactory	(10.6%)

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

Student Growth Percentile Range

Prior Scale Score Decile/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/[330,575)	9.28	10.06	10.12	10.19	10.23	9.86	10.02	10.25	9.56	10.43	(10%)
2nd/[575,606)	10.27	9.97	10.25	9.58	10.09	10.15	9.93	9.78	10.09	9.91	(9.8%)
3rd/[606,627)	9.47	9.16	9.84	9.90	9.72	10.20	10.00	10.41	10.31	10.98	(10.1%)
4th/[627,644)	9.80	10.47	10.34	10.26	9.80	9.62	10.08	9.74	9.96	9.96	(9.9%)
5th/[644,659)	9.57	10.33	10.07	9.93	10.43	9.71	9.61	9.73	9.67	10.92	(9.9%)
6th/[659,673)	9.02	9.55	10.04	9.88	9.86	10.30	10.47	10.04	9.86	10.99	(9.7%)
7th/[673,688)	10.34	10.34	9.52	9.72	9.80	9.66	9.49	10.24	10.76	10.14	(10.3%)
8th/[688,704)	9.96	9.96	10.45	10.45	10.16	9.55	10.33	9.44	9.55	10.14	(10.1%)
9th/[704,724)	9.53	10.19	9.41	9.79	9.63	10.21	9.99	9.99	10.25	11.00	(9.8%)
10th/[724,907]	9.32	9.97	9.91	10.31	10.16	9.97	9.66	10.30	9.93	10.47	(10.3%)

*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