Student Growth Percentile Goodness–of–Fit Descriptives
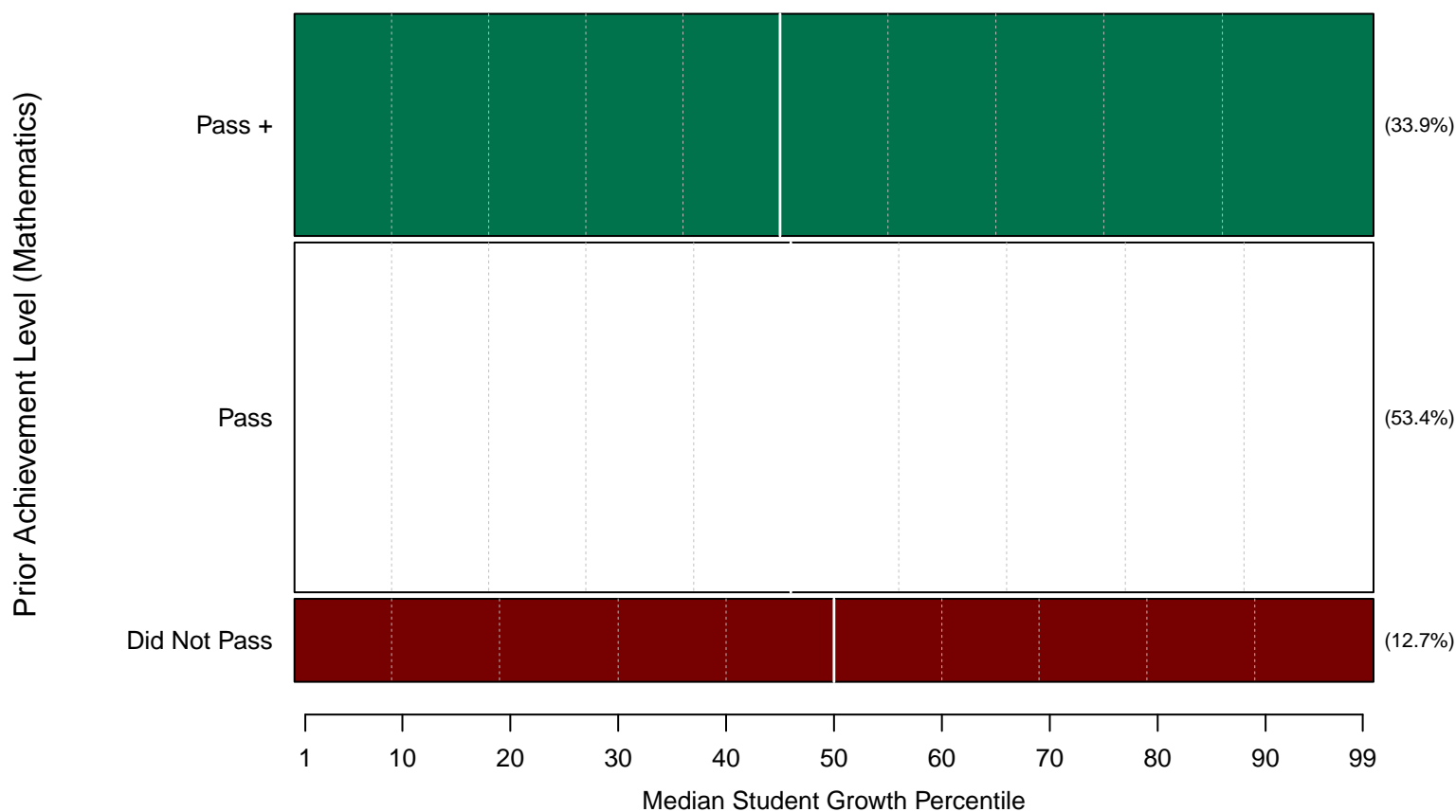
2013 Mathematics SGP, Grade 6 (N = 79,203)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Pass + (33.9%)
- Pass (53.4%)
- Did Not Pass (12.7%)

Median Student Growth Percentile

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/[245,453)	10.89	9.85	9.80	9.43	9.93	10.05	10.40	10.18	10.05	9.43	(9.9%)
2nd/[453,482)	9.92	9.84	10.79	10.19	10.23	10.63	10.33	9.57	9.63	8.86	(9.7%)
3rd/[482,503)	9.76	10.68	11.43	10.83	10.59	9.90	9.70	9.42	8.45	9.24	(10.2%)
4th/[503,519)	9.95	11.16	10.29	10.85	10.44	9.64	10.20	9.45	9.29	8.74	(10.1%)
5th/[519,533)	10.62	11.00	11.00	10.60	10.17	10.22	9.72	9.57	8.88	8.21	(9.7%)
6th/[533,547)	10.97	10.50	10.51	10.37	10.90	9.72	10.04	9.90	8.87	8.22	(10.1%)
7th/[547,561)	11.13	11.13	11.20	10.96	10.79	9.96	10.13	9.21	8.19	7.28	(9.7%)
8th/[561,579)	10.47	11.30	11.91	10.60	10.39	10.45	9.47	9.57	8.73	7.11	(10.2%)
9th/[579,606)	10.06	11.61	11.45	10.89	10.52	10.26	9.68	9.17	8.80	7.56	(10.2%)
10th/[606,775]	9.86	10.75	10.61	11.35	10.80	10.05	10.07	9.66	9.22	7.62	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution