Student Growth Percentile Goodness–of–Fit Descriptives
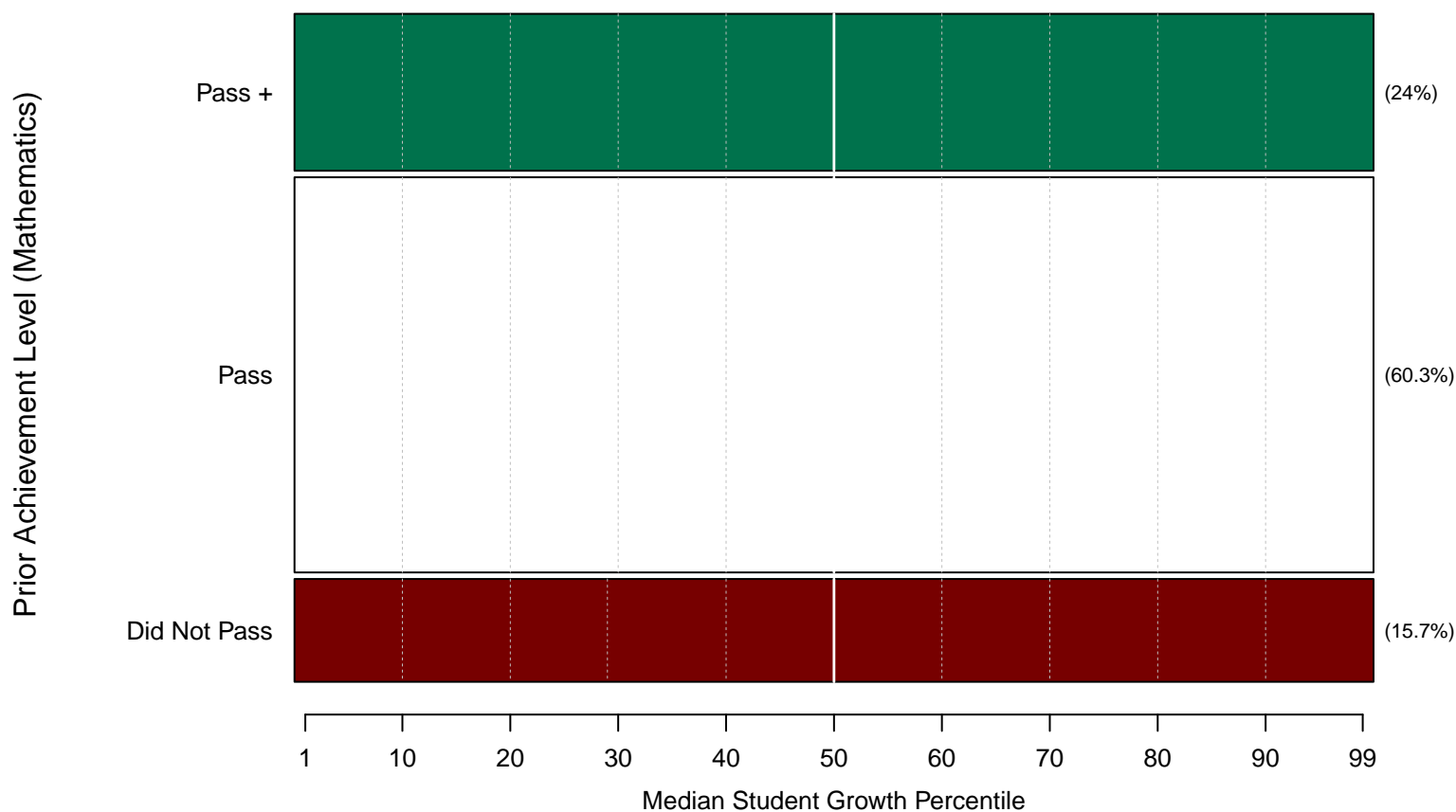## 2013 Mathematics SGP, Grade 7 (N = 77,304)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Pass + (24%)
- Pass (60.3%)
- Did Not Pass (15.7%)

Median Student Growth Percentile

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/[290,469)	10.17	10.14	10.01	9.94	9.87	9.69	9.76	10.23	9.66	10.52	(10%)
2nd/[469,497)	9.15	10.10	10.25	9.69	10.33	10.18	10.03	9.58	10.34	10.35	(9.6%)
3rd/[497,517)	10.06	9.87	9.86	10.23	9.98	9.86	9.86	10.00	9.81	10.48	(10.2%)
4th/[517,533)	9.64	9.80	10.19	9.67	10.09	9.91	9.80	9.85	10.07	10.99	(9.9%)
5th/[533,548)	9.41	10.43	9.78	9.95	9.98	9.68	10.18	10.22	10.03	10.33	(10.2%)
6th/[548,563)	9.91	9.65	10.16	10.14	9.31	10.31	10.40	9.85	10.03	10.25	(10.1%)
7th/[563,579)	9.45	9.96	10.05	9.67	10.31	9.88	9.91	10.02	9.79	10.94	(10%)
8th/[579,598)	9.30	9.88	9.79	9.87	10.36	10.38	9.56	9.93	10.07	10.86	(9.9%)
9th/[598,626)	9.37	10.00	9.99	10.18	10.12	9.82	10.29	10.01	9.78	10.43	(10.1%)
10th/[626,790]	9.47	10.14	10.11	9.83	9.79	10.02	9.95	10.04	10.31	10.33	(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