Student Growth Percentile Goodness–of–Fit Descriptives
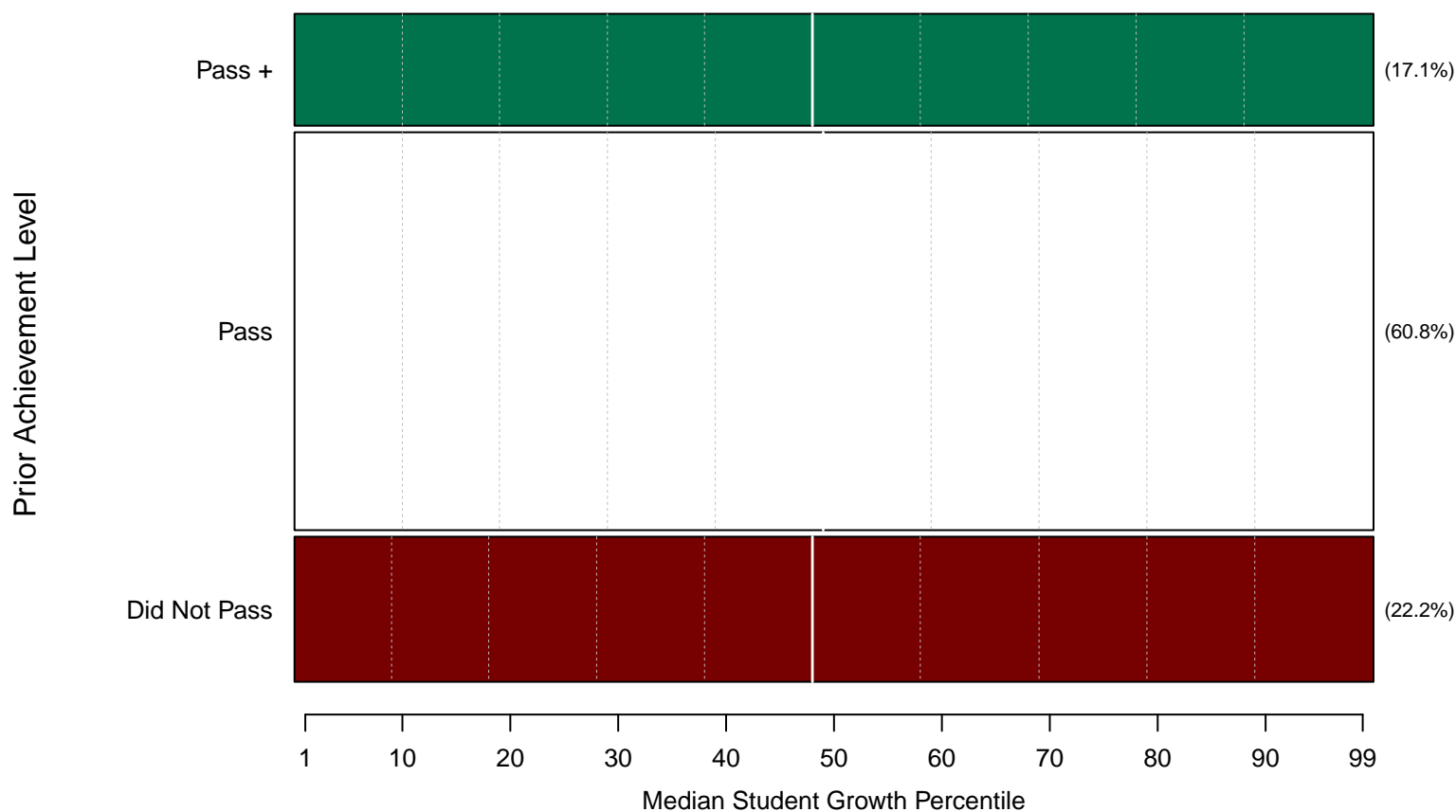## 2012 ELA SGP, Grade 6 (N = 77,008)

SGP Deciles by Prior Achievement Level

Prior Achievement Level

- Pass + (17.1%)
- Pass (60.8%)
- Did Not Pass (22.2%)

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/[160,441]	11.37	10.58	10.36	9.96	9.73	9.88	9.77	9.48	9.22	9.66	(9.9%)
2nd/[441,464]	10.40	10.60	9.83	10.44	9.91	9.44	9.77	9.78	10.01	9.83	(10%)
3rd/[464,479]	10.31	10.13	10.05	10.05	10.24	9.91	9.73	10.05	10.05	9.47	(9.4%)
4th/[479,493]	9.91	10.26	9.83	9.74	10.05	10.45	10.17	10.15	9.90	9.54	(10.6%)
5th/[493,504]	10.23	9.64	10.14	10.54	10.02	10.02	9.95	10.18	9.76	9.54	(9.2%)
6th/[504,516]	10.23	10.08	10.23	10.07	10.03	10.08	10.28	10.63	9.68	8.71	(10.5%)
7th/[516,528]	9.91	9.97	9.97	10.51	9.79	10.38	9.89	9.93	9.97	9.66	(9.9%)
8th/[528,543]	9.75	10.75	10.11	9.85	10.50	10.36	10.55	9.96	9.24	8.94	(10.4%)
9th/[543,563]	9.30	10.38	10.66	10.33	10.16	10.18	10.53	9.85	9.45	9.16	(9.7%)
10th/[563,820]	9.96	10.51	10.08	10.75	10.20	10.17	10.08	10.03	9.11	9.10	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution