Student Growth Percentile Goodness–of–Fit Descriptives
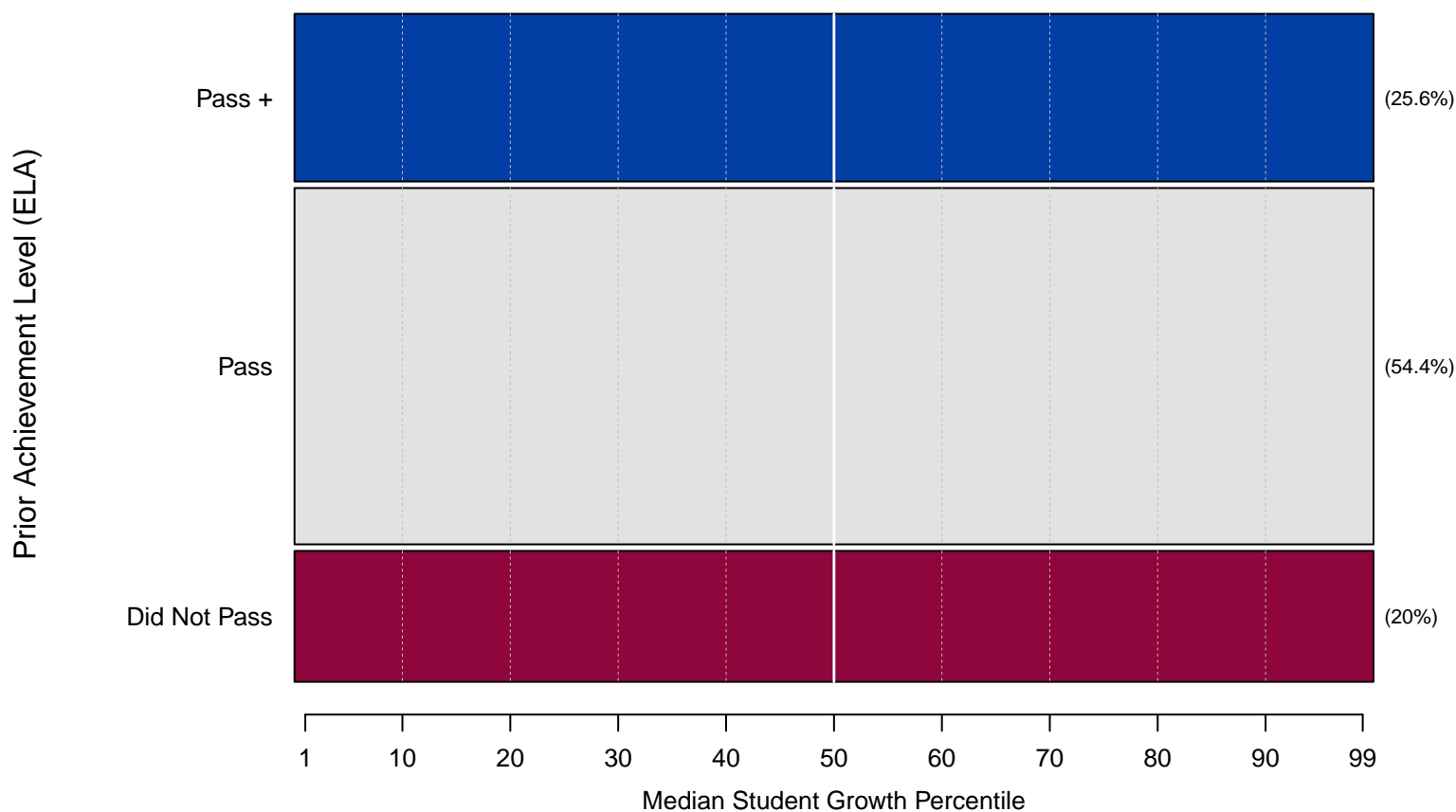## 2013 ELA SGP, Grade 7 (N = 76,878)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Pass + (25.6%)
- Pass (54.4%)
- Did Not Pass (20%)

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/[180,449)	9.91	10.23	10.12	9.96	10.06	9.95	9.76	9.83	9.83	10.34	(10%)
2nd/[449,478)	9.58	9.99	9.96	9.77	10.08	9.90	10.09	10.01	10.12	10.51	(10%)
3rd/[478,498)	9.72	10.18	10.31	10.03	9.79	9.95	9.68	10.28	10.02	10.03	(9.6%)
4th/[498,517)	9.50	10.06	9.63	10.14	10.24	9.89	10.74	9.87	9.36	10.56	(10.2%)
5th/[517,534)	9.58	10.15	9.97	10.02	9.85	9.94	9.66	10.02	10.13	10.67	(9.9%)
6th/[534,551)	9.44	9.97	10.27	9.71	9.95	10.13	10.17	9.91	10.17	10.27	(10.1%)
7th/[551,569)	9.42	9.84	9.53	10.29	9.97	9.85	9.73	10.24	10.40	10.75	(9.7%)
8th/[569,592)	9.48	10.50	10.21	10.15	9.92	10.15	10.05	9.79	9.49	10.27	(10.4%)
9th/[592,624)	9.58	10.06	10.37	10.11	10.04	10.03	9.67	10.28	9.53	10.34	(10%)
10th/[624,850]	9.48	9.77	9.70	9.84	9.89	9.90	10.19	9.87	10.67	10.69	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution