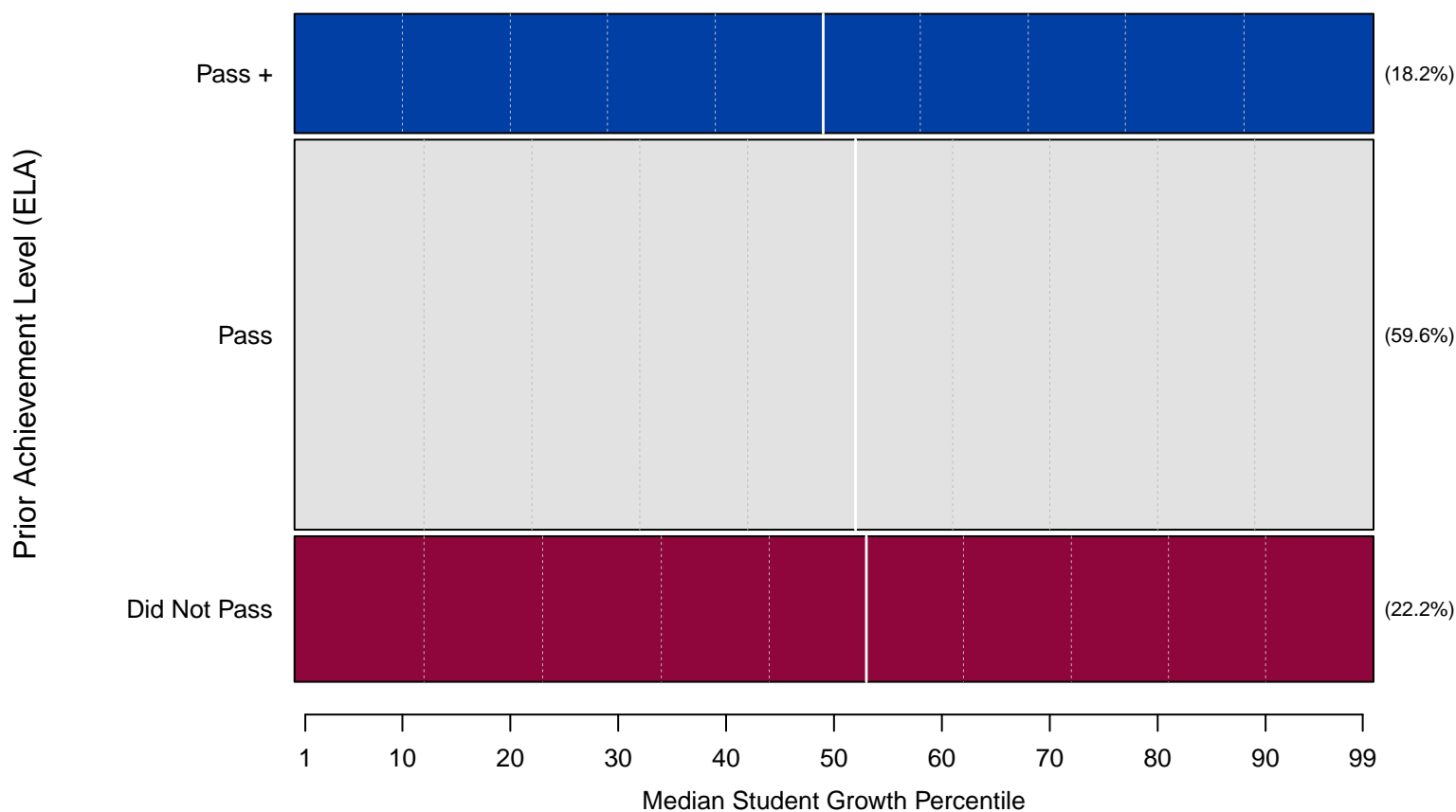# Student Growth Percentile Goodness–of–Fit Descriptives
2013 ELA SGP, Grade 8 (N = 75,569)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Pass + (18.2%)
- Pass (59.6%)
- 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/[210,474)	7.55	9.59	10.36	10.06	10.45	10.83	10.08	11.09	10.30	9.69	(9.7%)
2nd/[474,497)	7.75	8.12	8.95	10.06	9.81	10.87	10.40	11.56	11.22	11.26	(10.2%)
3rd/[497,512)	7.69	8.22	9.11	9.91	10.05	10.65	11.10	11.66	10.22	11.38	(9.4%)
4th/[512,526)	8.44	8.36	9.62	10.09	10.14	11.03	11.31	10.56	10.31	10.14	(10.4%)
5th/[526,539)	7.47	9.04	9.14	10.31	10.55	11.38	11.00	10.31	10.18	10.62	(10.2%)
6th/[539,551)	7.38	9.50	9.96	10.62	10.25	10.52	10.65	10.93	10.33	9.86	(9.7%)
7th/[551,564)	7.88	9.05	10.26	9.80	10.67	11.35	10.87	10.33	10.51	9.27	(9.7%)
8th/[564,580)	8.36	10.43	10.74	10.71	10.10	10.04	11.07	10.19	9.87	8.49	(10.2%)
9th/[580,603)	8.44	10.53	10.32	10.55	10.10	10.81	10.57	10.45	9.65	8.57	(10.2%)
10th/[603,870]	9.40	11.33	10.98	9.86	10.03	10.67	10.24	10.02	8.87	8.60	(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