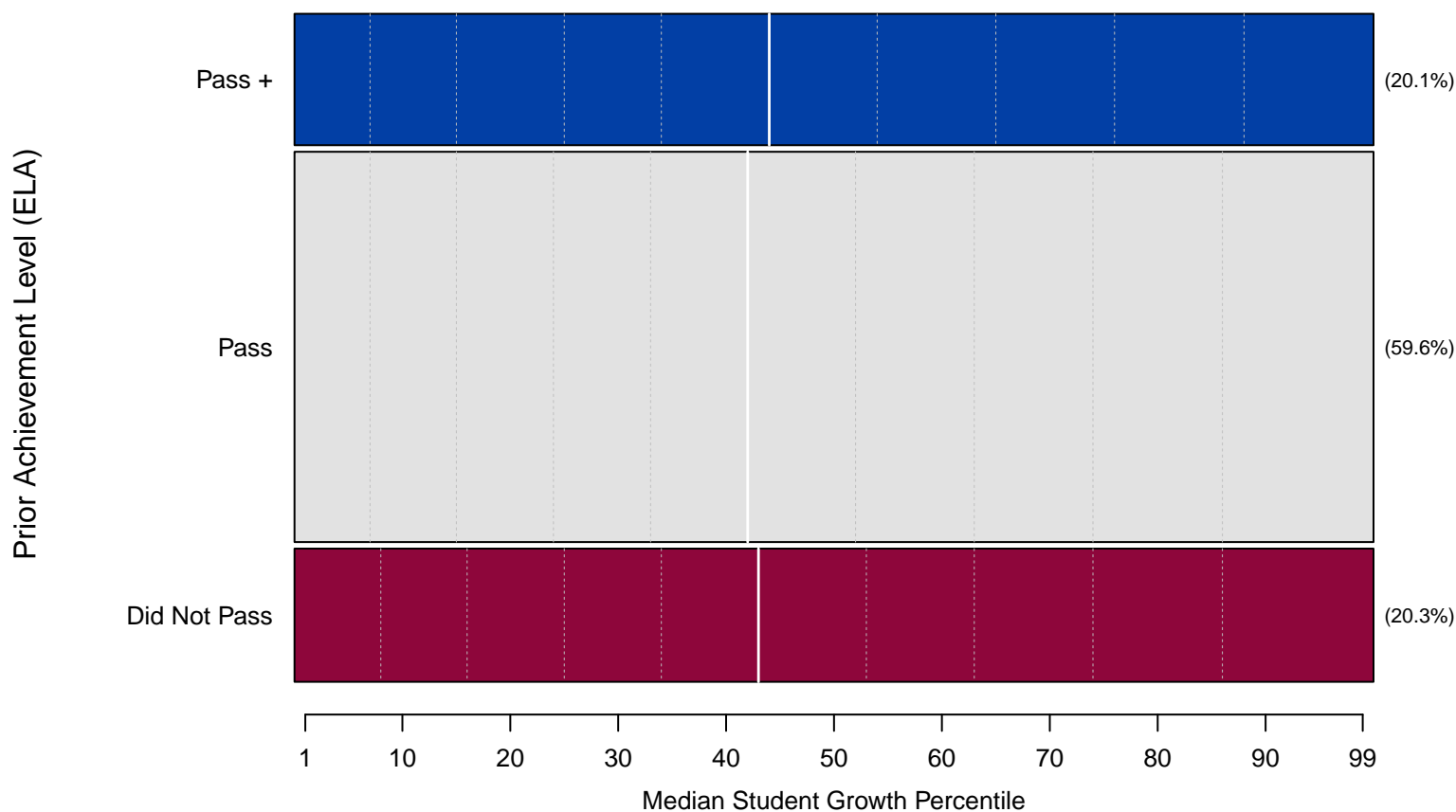# Student Growth Percentile Goodness–of–Fit Descriptives
2013 ELA SGP, Grade 6 (N = 78,808)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Pass + (20.1%)
- Pass (59.6%)
- Did Not Pass (20.3%)

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/[221,444)	10.94	11.79	11.33	10.27	10.63	10.44	9.70	9.36	7.54	7.99	(9.9%)
2nd/[444,467)	12.45	12.71	11.43	10.94	9.77	9.94	9.28	9.10	7.78	6.61	(9.8%)
3rd/[467,482)	12.59	12.44	11.86	11.52	10.04	9.02	9.54	8.05	8.29	6.65	(9.5%)
4th/[482,496)	13.38	11.74	11.53	11.58	10.18	9.80	8.53	8.83	7.48	6.95	(10.5%)
5th/[496,508)	12.60	12.44	11.14	10.78	9.48	9.84	9.25	8.82	8.28	7.37	(10.1%)
6th/[508,520)	12.80	12.20	11.18	10.93	9.67	9.29	8.96	9.13	8.42	7.43	(10.1%)
7th/[520,532)	13.14	11.80	10.83	10.55	10.58	9.55	8.86	8.63	8.09	7.96	(9.6%)
8th/[532,548)	13.03	12.26	11.27	11.21	9.59	9.56	8.89	8.63	8.14	7.41	(10.4%)
9th/[548,571)	12.51	12.03	10.90	10.51	10.23	9.82	9.21	8.19	8.54	8.06	(10%)
10th/[571,820]	13.44	11.40	10.03	10.35	10.00	8.97	9.07	8.72	8.45	9.59	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution