Student Growth Percentile Goodness−of−Fit Descriptives
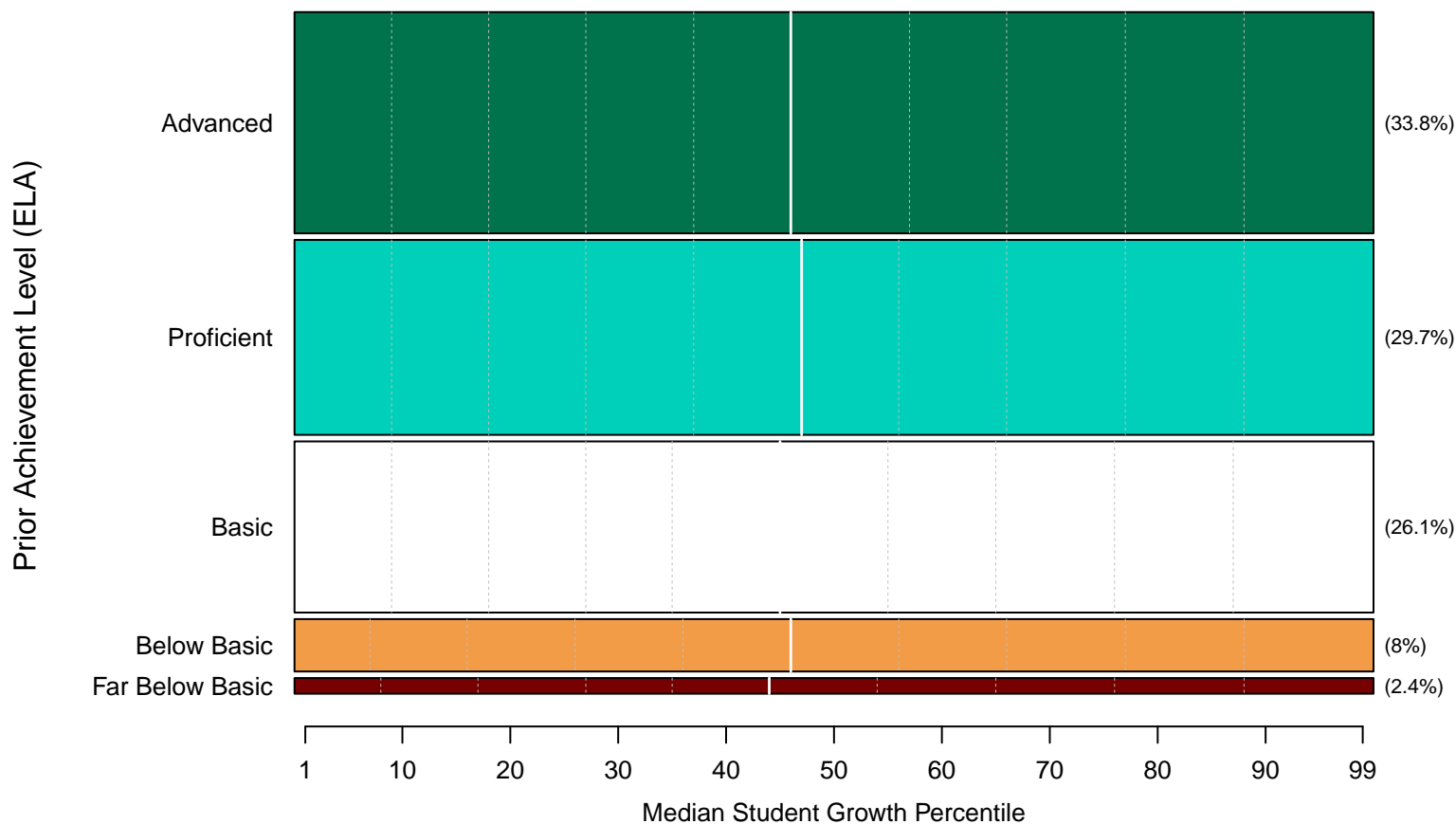## 2013 ELA SGP, Grade 5 (N = 40,190)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (33.8%)
- Proficient (29.7%)
- Basic (26.1%)
- Below Basic (8%)
- Far Below Basic (2.4%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

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/[210,297)	12.68	10.97	10.22	10.44	10.20	9.58	9.66	9.16	8.68	8.41	(9.3%)
2nd/[297,321)	11.07	11.10	11.77	11.05	10.05	10.08	9.58	9.04	8.57	7.70	(10%)
3rd/[321,338)	9.12	11.32	11.45	10.26	10.26	10.03	10.34	10.16	9.15	7.91	(9.6%)
4th/[338,353)	10.76	10.89	12.04	10.68	10.42	10.22	9.67	8.79	8.53	8.01	(9.6%)
5th/[353,369)	10.10	11.34	11.09	9.71	9.87	10.49	10.07	9.38	9.11	8.85	(10.8%)
6th/[369,382)	10.79	10.79	11.06	10.90	9.74	10.19	9.48	9.27	9.37	8.42	(9.5%)
7th/[382,398)	10.73	11.21	10.51	10.31	10.63	10.46	9.35	9.75	9.33	7.73	(9.9%)
8th/[398,415)	10.96	10.62	11.18	11.04	10.18	10.72	9.23	9.15	8.39	8.52	(10.2%)
9th/[415,443)	10.91	11.79	10.31	10.10	10.75	9.73	8.99	9.73	9.57	8.12	(10.8%)
10th/[443,600]	10.04	10.89	10.16	10.38	10.36	9.99	10.02	9.70	9.46	9.00	(10.3%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Empirical SGP Distribution: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100