Student Growth Percentile Goodness–of–Fit Descriptives
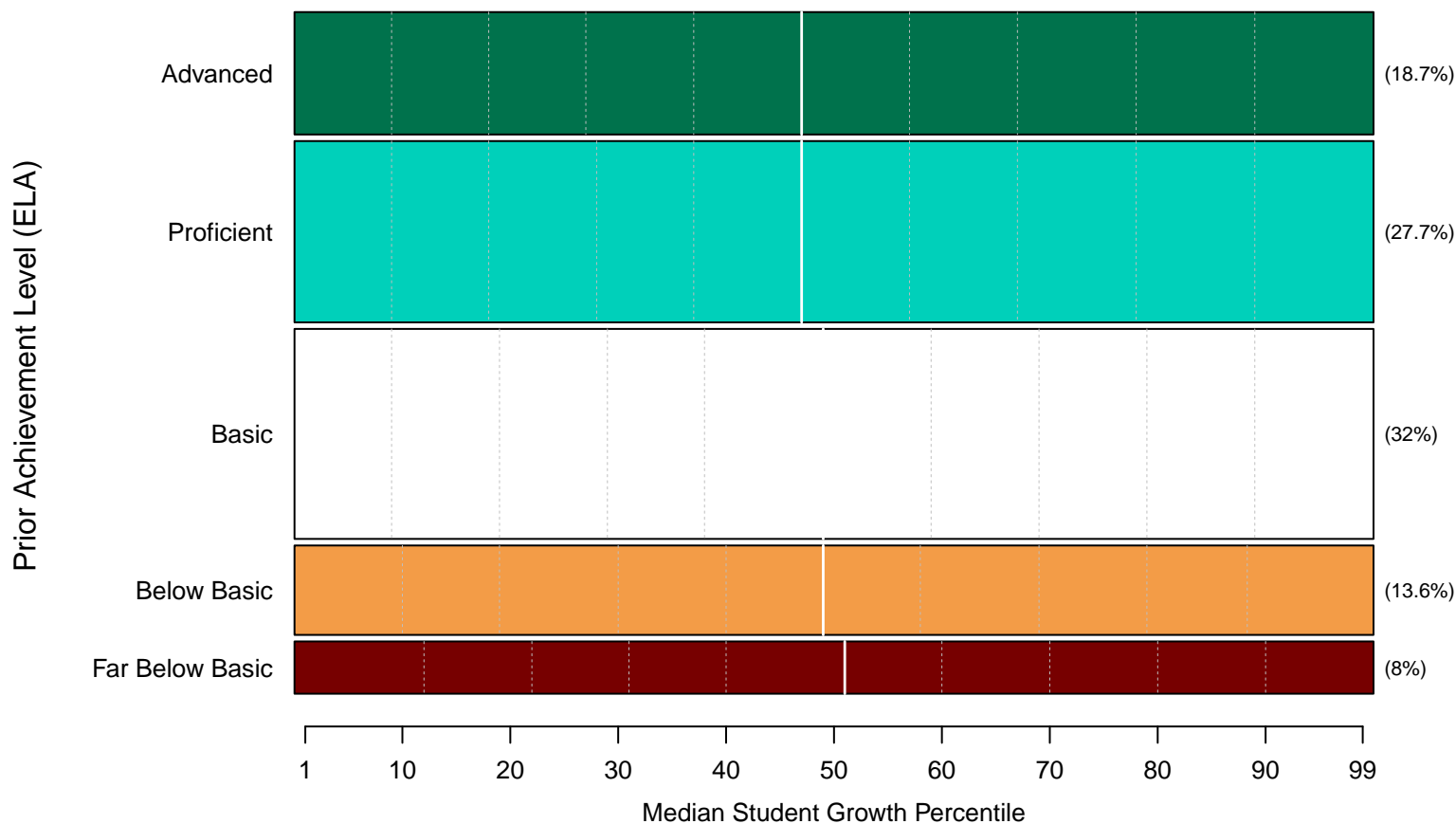## 2012 ELA SGP, Grade 10 (N = 34,948)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA):

- Advanced (18.7%)
- Proficient (27.7%)
- Basic (32%)
- Below Basic (13.6%)
- Far Below Basic (8%)

X-axis: 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/[166,272]	8.49	10.01	10.41	10.77	9.65	10.07	10.13	10.07	10.10	10.29	(9.4%)
2nd/[272,297]	9.78	10.62	9.10	10.02	10.53	10.67	9.70	10.05	10.94	8.59	(10.6%)
3rd/[297,313]	9.53	10.26	10.23	9.78	8.99	10.26	10.10	10.70	10.10	10.07	(9%)
4th/[313,330]	10.82	10.28	10.76	9.27	10.30	10.25	9.06	9.52	10.33	9.41	(10.6%)
5th/[330,344]	10.69	10.60	10.63	10.76	9.57	9.54	9.63	9.41	9.54	9.63	(9.2%)
6th/[344,359]	9.62	10.88	10.16	10.85	9.79	10.08	9.56	10.42	9.16	9.48	(10%)
7th/[359,375]	10.73	9.99	10.67	9.42	10.18	9.93	10.27	10.36	8.76	9.70	(10.1%)
8th/[375,392]	10.55	11.36	10.74	10.72	11.05	10.12	8.60	8.43	10.10	8.32	(10.1%)
9th/[392,419]	11.25	11.31	10.19	9.50	10.97	9.31	9.06	9.88	8.85	9.68	(11.1%)
10th/[419,600]	10.92	10.18	11.04	10.04	9.58	10.75	10.07	8.44	9.73	9.24	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (0–100)
Empirical SGP Distribution (0–100)