Student Growth Percentile Goodness–of–Fit Descriptives
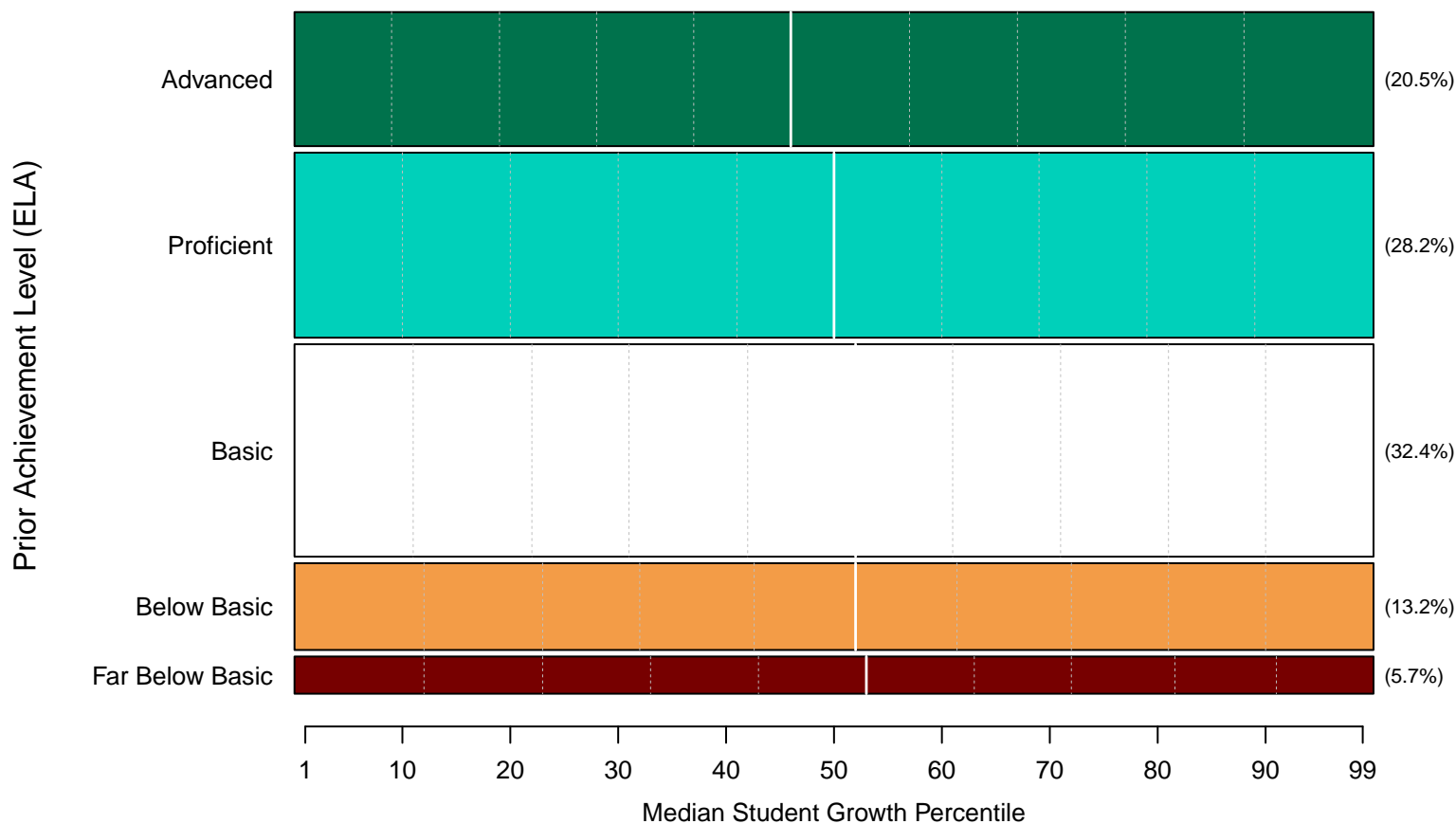## 2013 US History SGP, Grade EOCT (N = 27,718)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (20.5%)
- Proficient (28.2%)
- Basic (32.4%)
- Below Basic (13.2%)
- Far Below Basic (5.7%)

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/[154,276)	7.80	8.94	9.26	9.89	11.78	9.93	10.40	10.68	9.93	11.39	(9.2%)
2nd/[276,301)	8.06	9.39	10.02	10.28	9.54	10.09	9.43	10.94	11.65	10.61	(9.8%)
3rd/[301,320)	8.36	9.22	9.78	9.29	10.08	10.45	10.02	10.08	11.18	11.54	(10.9%)
4th/[320,333)	8.88	10.54	10.71	9.88	9.75	10.46	9.50	9.63	10.62	10.04	(8.7%)
5th/[333,346)	7.99	9.34	9.76	9.97	9.79	10.54	10.71	11.10	9.83	10.96	(10.2%)
6th/[346,361)	8.73	9.35	9.62	9.88	10.24	10.08	10.28	10.77	10.34	10.70	(11%)
7th/[361,373)	8.74	9.95	9.65	9.45	10.07	11.15	11.57	9.61	9.24	10.57	(8.7%)
8th/[373,392)	10.44	10.76	9.76	10.12	9.96	9.34	11.05	10.44	9.67	8.48	(11.2%)
9th/[392,416)	9.58	10.19	11.20	10.76	11.09	9.18	10.08	9.68	9.00	9.25	(10%)
10th/[416,600]	10.58	11.24	11.21	10.48	9.89	10.72	8.44	9.79	8.79	8.86	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution