Student Growth Percentile Goodness–of–Fit Descriptives
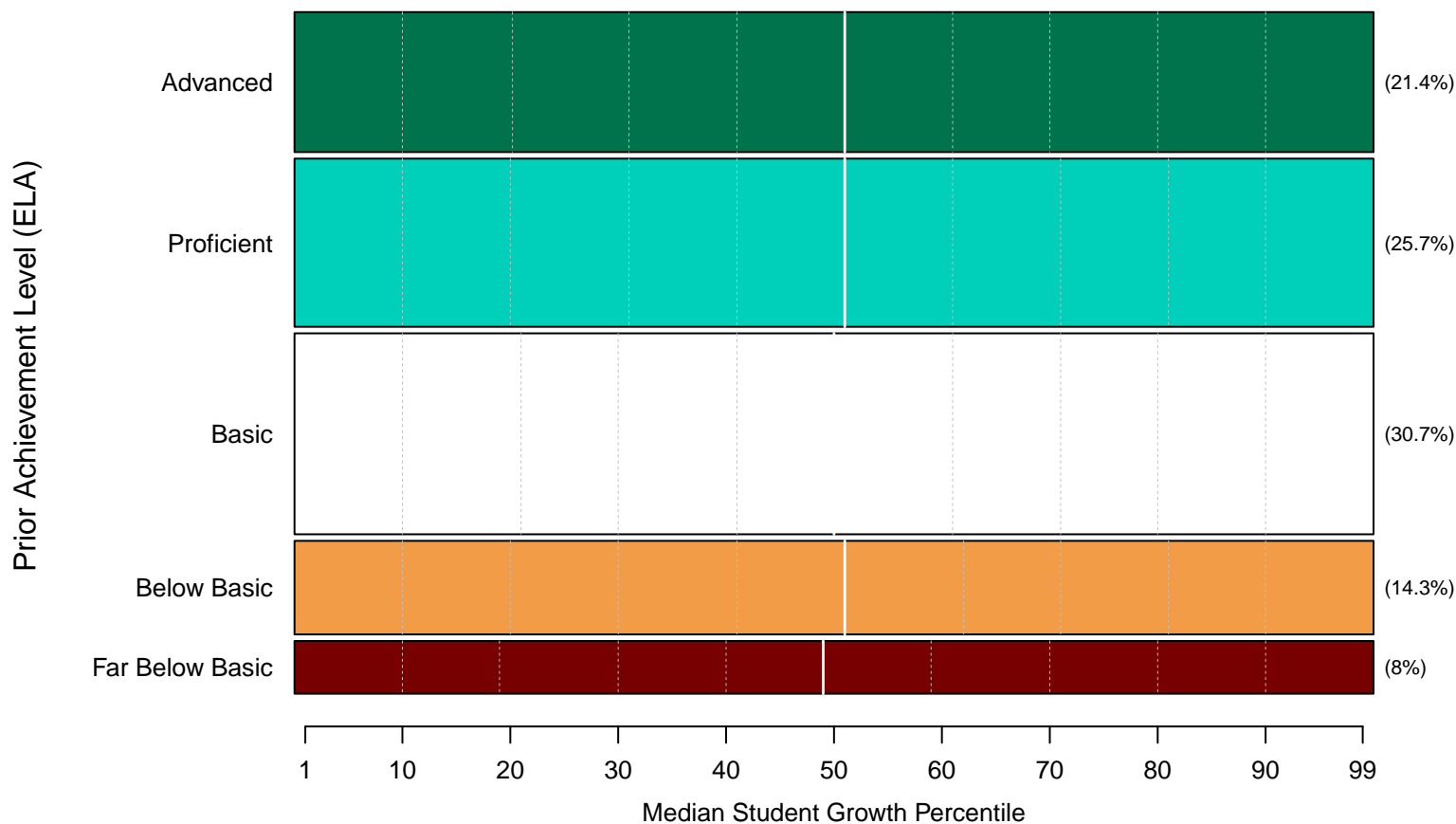## 2013 ELA SGP, Grade 9 (N = 33,606)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (ELA)

- Advanced (21.4%)
- Proficient (25.7%)
- Basic (30.7%)
- Below Basic (14.3%)
- Far Below Basic (8%)

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/[155,272)	9.91	10.38	9.65	10.13	9.97	9.72	9.94	9.65	10.09	10.57	(9.4%)
2nd/[272,293)	9.48	9.89	9.61	9.70	10.14	9.67	9.89	9.96	10.18	11.47	(9.4%)
3rd/[293,314)	9.61	9.42	9.99	9.53	10.19	10.08	9.67	10.29	10.38	10.84	(10.9%)
4th/[314,330)	9.54	10.14	9.36	9.84	9.39	10.08	9.75	10.77	10.71	10.44	(9.9%)
5th/[330,344)	8.60	9.69	10.62	9.89	9.92	8.99	10.75	10.02	9.89	11.62	(9%)
6th/[344,358)	9.55	9.51	9.58	10.04	10.28	9.61	9.81	10.01	10.64	10.97	(9%)
7th/[358,378)	10.00	9.72	9.67	9.26	9.90	10.92	9.36	10.13	10.00	11.04	(11.7%)
8th/[378,396)	9.08	10.19	9.78	10.29	9.81	8.92	11.05	10.10	10.32	10.45	(9.4%)
9th/[396,423)	9.44	9.13	10.11	10.03	9.69	9.97	10.67	10.39	9.97	10.61	(10.6%)
10th/[423,600]	9.68	9.93	9.51	9.98	10.09	9.90	10.01	9.71	10.04	11.14	(10.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution