Student Growth Percentile Goodness–of–Fit Descriptives
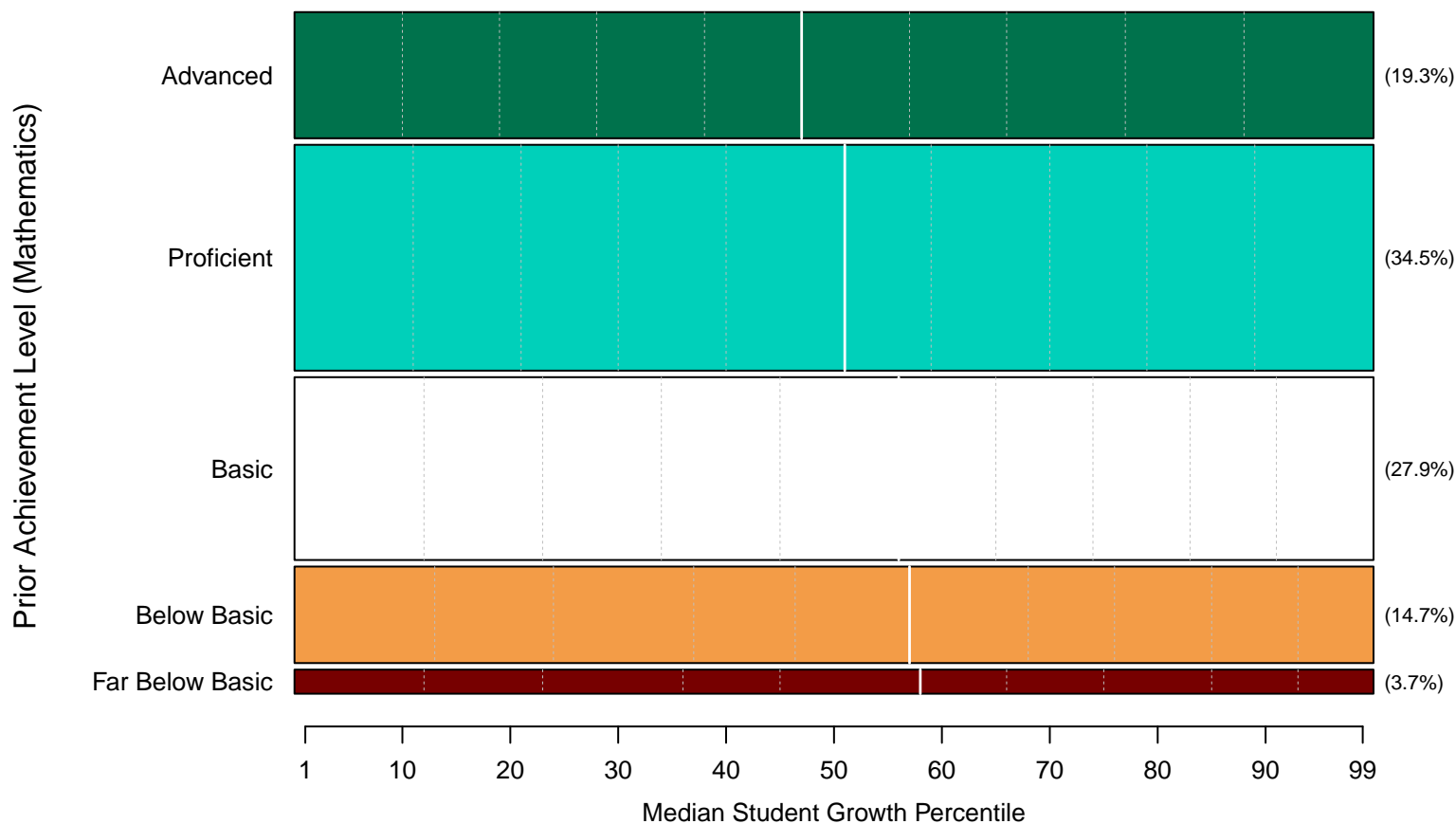## 2013 Algebra I SGP, Grade EOCT (N = 24,734)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (19.3%)
- Proficient (34.5%)
- Basic (27.9%)
- Below Basic (14.7%)
- Far Below Basic (3.7%)

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)	8.07	7.65	9.05	7.50	10.23	9.90	11.07	9.85	12.66	14.02	(8.6%)
2nd/[276,302)	7.19	8.97	8.76	7.48	9.88	9.26	10.38	10.95	12.36	14.76	(9.8%)
3rd/[302,322)	6.80	8.04	8.44	10.92	8.95	10.23	10.30	10.27	12.97	13.08	(11.1%)
4th/[322,339)	8.97	9.62	8.49	7.41	9.97	10.40	9.49	12.35	10.88	12.44	(9.3%)
5th/[339,356)	8.92	9.40	8.00	11.12	8.72	10.12	10.32	11.44	12.20	9.80	(10.1%)
6th/[356,374)	8.28	9.49	11.39	9.16	10.29	12.23	10.62	9.96	9.12	9.45	(11%)
7th/[374,389)	8.21	9.73	8.72	10.60	11.16	9.58	9.28	11.47	10.86	10.40	(7.9%)
8th/[389,413)	9.15	10.05	11.78	10.64	9.58	10.25	8.92	10.25	10.72	8.64	(10.3%)
9th/[413,453)	9.55	11.00	10.00	10.86	11.48	8.75	10.52	9.27	10.24	8.34	(11.7%)
10th/[453,600]	9.93	9.81	11.44	10.49	11.28	10.77	8.69	8.97	9.57	9.05	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution