Student Growth Percentile Goodness–of–Fit Descriptives
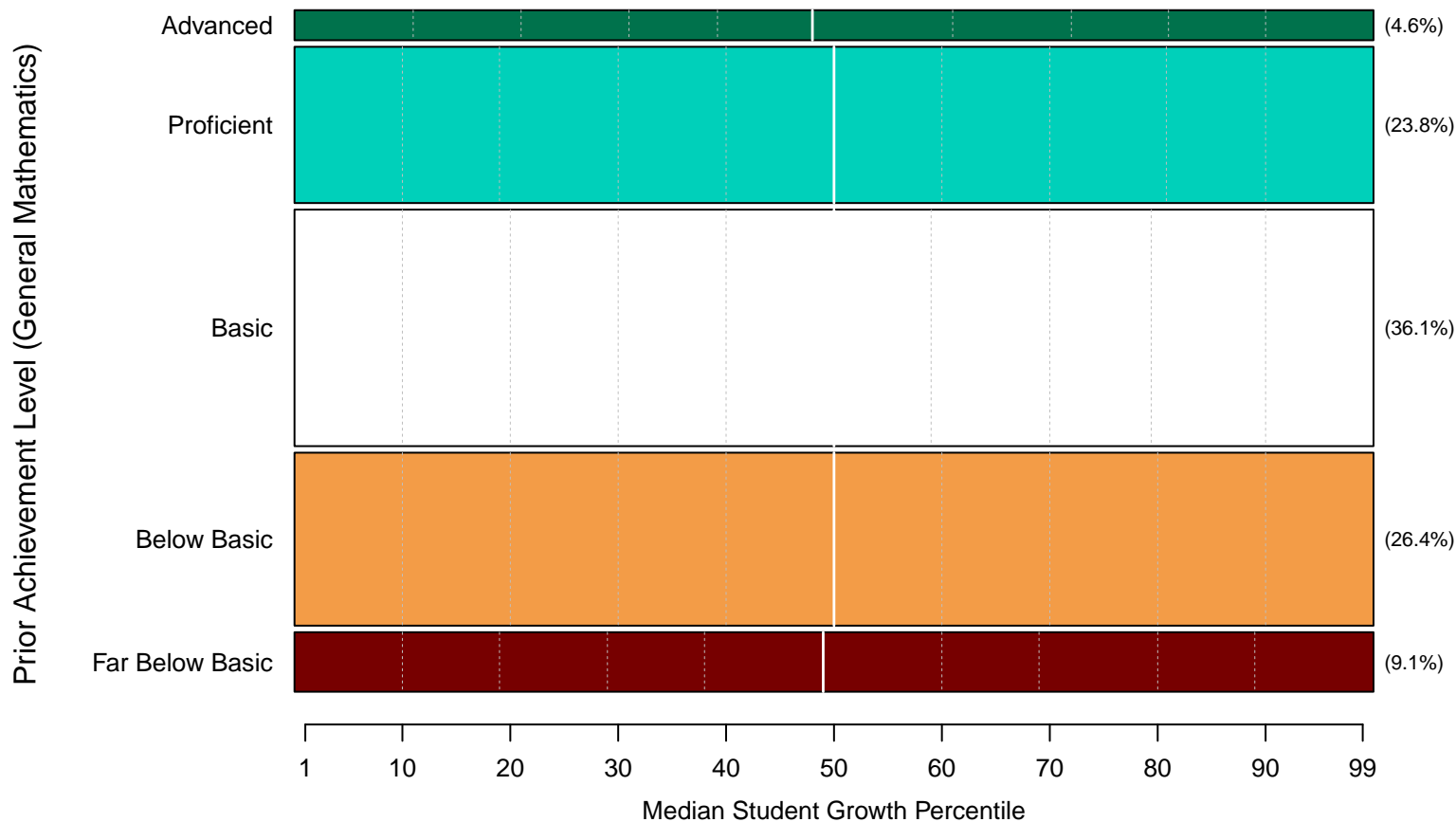## 2013 Algebra I SGP, Grade EOCT (N = 6,300)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

- Advanced (4.6%)
- Proficient (23.8%)
- Basic (36.1%)
- Below Basic (26.4%)
- Far Below Basic (9.1%)

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/[175,259)	9.62	10.66	9.97	10.66	9.44	9.44	10.49	9.44	10.31	9.97	(9.1%)
2nd/[259,277)	10.36	8.98	9.33	10.02	10.36	9.67	10.54	9.84	10.02	10.88	(9.2%)
3rd/[277,294)	9.76	10.33	9.61	10.04	10.33	9.90	10.04	10.76	9.33	9.90	(11.1%)
4th/[294,306)	7.50	9.71	11.07	9.03	10.73	11.41	9.37	10.05	10.22	10.90	(9.3%)
5th/[306,318)	10.10	10.91	9.93	11.07	8.96	9.77	9.93	8.31	9.77	11.24	(9.7%)
6th/[318,330)	11.75	10.00	9.30	8.07	10.70	9.47	10.18	9.65	10.53	10.35	(9%)
7th/[330,347)	9.27	8.71	10.51	11.34	9.68	10.65	9.41	11.76	9.82	8.85	(11.5%)
8th/[347,365)	8.28	10.36	10.36	9.47	10.50	8.43	10.06	9.47	10.95	12.13	(10.7%)
9th/[365,384)	10.38	8.87	9.81	10.94	10.38	9.62	10.57	9.62	10.19	9.62	(8.4%)
10th/[384,573]	9.97	10.77	9.71	9.71	9.44	10.90	9.97	10.11	9.31	10.11	(11.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution