Student Growth Percentile Goodness–of–Fit Descriptives
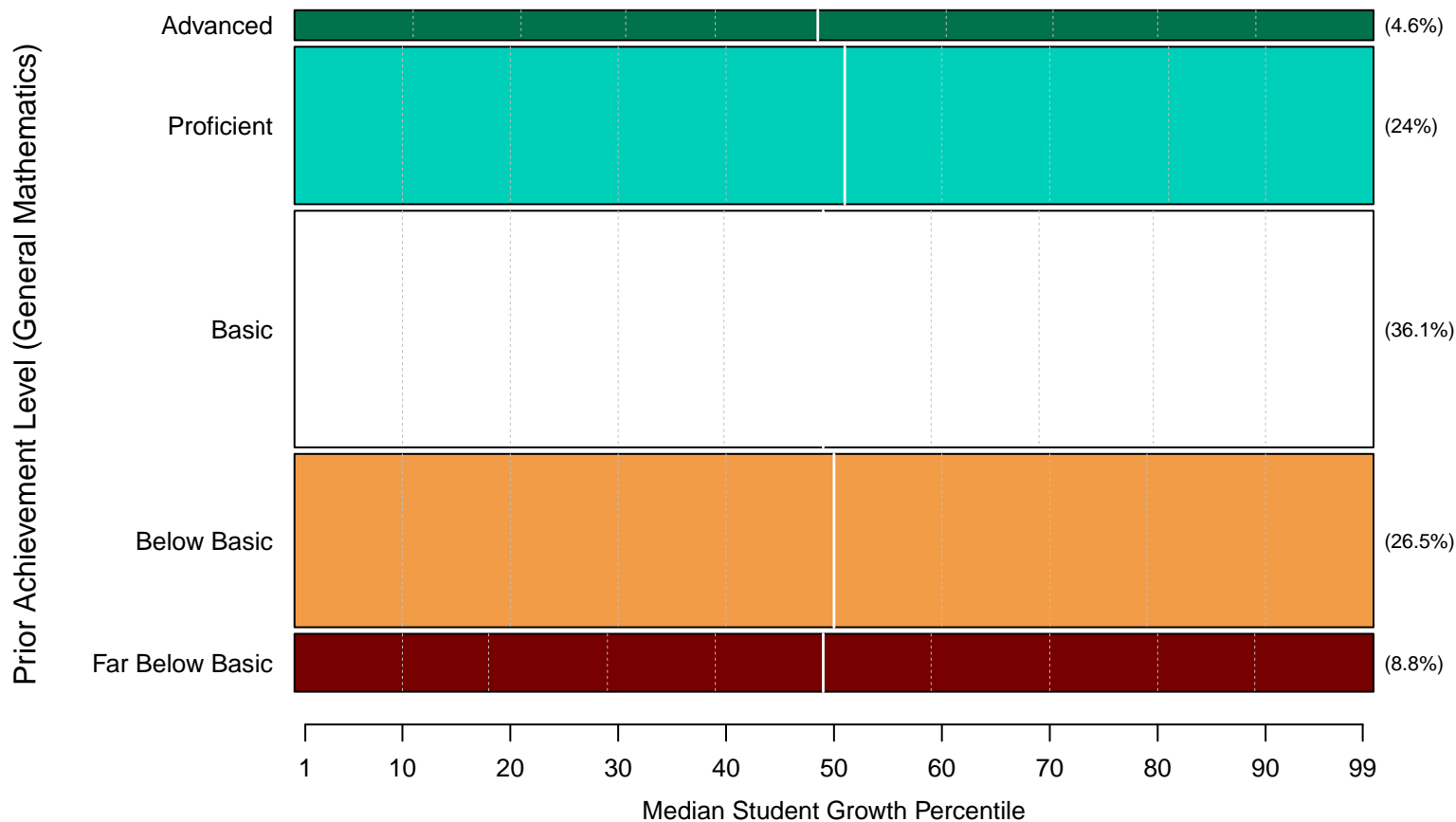## 2013 Algebra I SGP, Grade EOCT (N = 5,894)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Advanced	(4.6%)
Proficient	(24%)
Basic	(36.1%)
Below Basic	(26.5%)
Far Below Basic	(8.8%)

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/[175,259)	9.98	10.94	9.60	9.79	10.36	9.40	9.60	9.98	10.56	9.79	(8.8%)
2nd/[259,277)	9.93	8.64	10.85	10.29	9.19	9.93	11.40	10.48	8.46	10.85	(9.2%)
3rd/[277,294)	9.74	10.66	9.27	9.58	10.36	10.05	9.74	10.20	10.82	9.58	(11%)
4th/[294,306)	7.75	9.73	10.09	10.63	10.45	10.27	10.27	10.27	9.19	11.35	(9.4%)
5th/[306,318)	10.30	10.47	10.12	10.12	9.60	10.47	7.85	9.42	11.17	10.47	(9.7%)
6th/[318,330)	11.57	10.82	9.30	7.59	11.01	10.25	10.63	8.92	9.49	10.44	(8.9%)
7th/[330,347)	9.12	8.24	11.18	11.76	9.12	9.71	11.32	10.59	10.00	8.97	(11.5%)
8th/[347,365)	7.82	11.74	9.23	9.39	10.02	9.55	9.55	9.70	10.64	12.36	(10.8%)
9th/[365,384)	10.74	7.75	11.33	10.14	11.13	9.15	10.34	10.14	10.54	8.75	(8.5%)
10th/[384,573]	10.21	10.78	9.08	10.21	9.50	10.78	9.93	9.93	9.36	10.21	(12%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100