Student Growth Percentile Goodness–of–Fit Descriptives
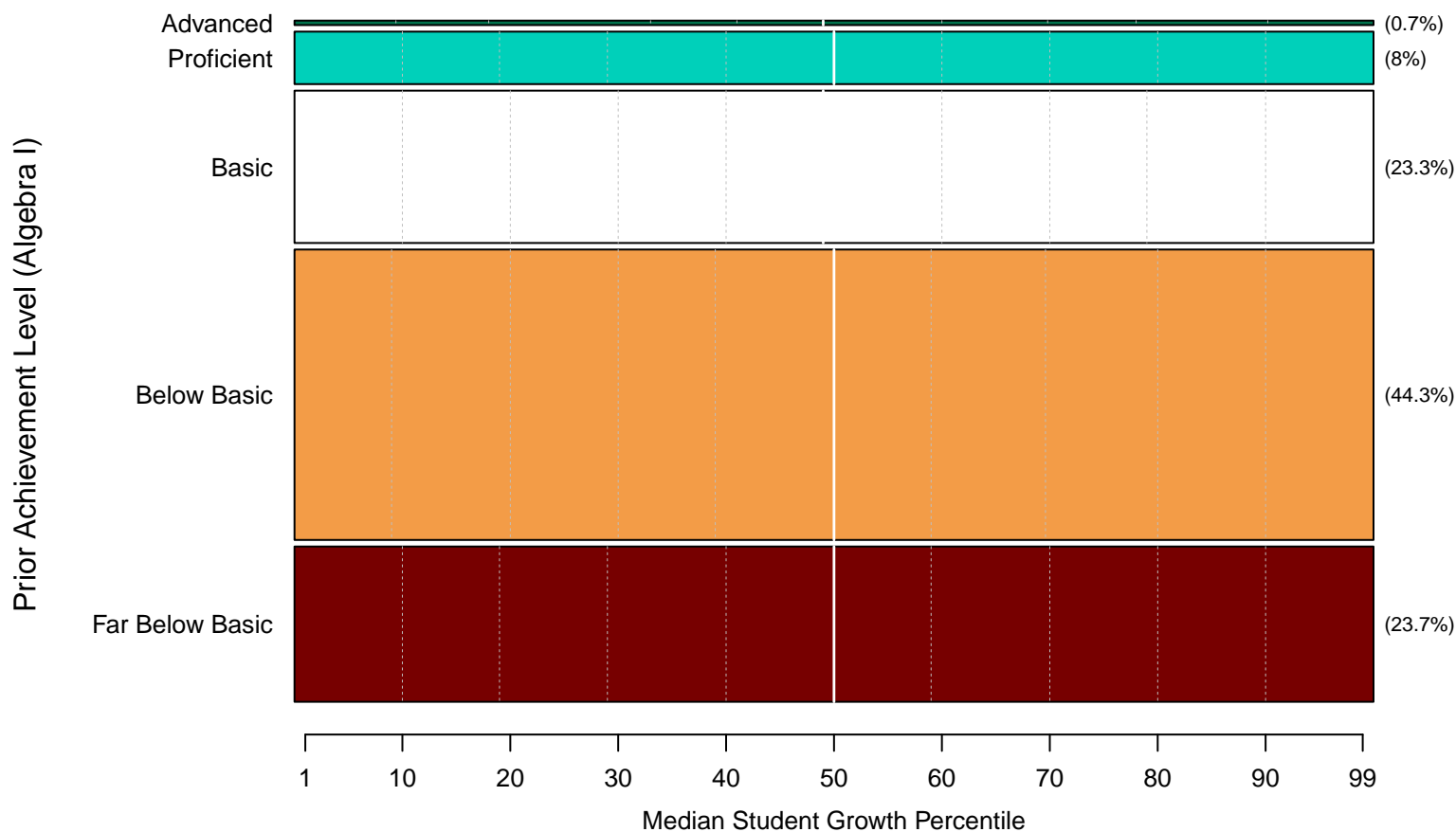## 2013 Algebra I SGP, Grade EOCT (N = 18,356)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percentage
Advanced	(0.7%)
Proficient	(8%)
Basic	(23.3%)
Below Basic	(44.3%)
Far Below Basic	(23.7%)

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/[150,240)	9.50	10.84	10.17	7.60	11.74	10.34	10.62	9.39	9.56	10.23	(9.7%)
2nd/[240,252)	10.44	12.03	10.19	9.56	7.09	9.87	11.84	10.44	9.37	9.18	(8.6%)
3rd/[252,263)	10.16	9.72	8.56	11.47	9.97	10.70	6.71	10.55	11.62	10.55	(11.2%)
4th/[263,269)	9.59	8.90	12.62	13.70	6.85	10.47	8.90	12.04	8.71	8.22	(5.6%)
5th/[269,279)	9.73	8.31	13.84	5.72	10.81	9.58	11.98	8.61	10.07	11.34	(11.1%)
6th/[279,289)	10.56	10.24	9.14	10.18	10.02	11.82	8.70	10.02	9.03	10.29	(10%)
7th/[289,304)	9.99	10.45	8.52	10.91	9.62	10.17	9.67	9.94	10.54	10.17	(11.8%)
8th/[304,323)	9.06	10.03	11.24	10.03	10.59	8.55	9.75	10.31	10.31	10.13	(11.7%)
9th/[323,346)	10.28	8.65	9.90	9.57	10.49	10.01	11.31	10.22	8.86	10.71	(10%)
10th/[346,548]	9.40	10.84	9.99	10.15	9.78	9.99	9.29	9.83	10.74	9.99	(10.2%)

*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