Student Growth Percentile Goodness–of–Fit Descriptives
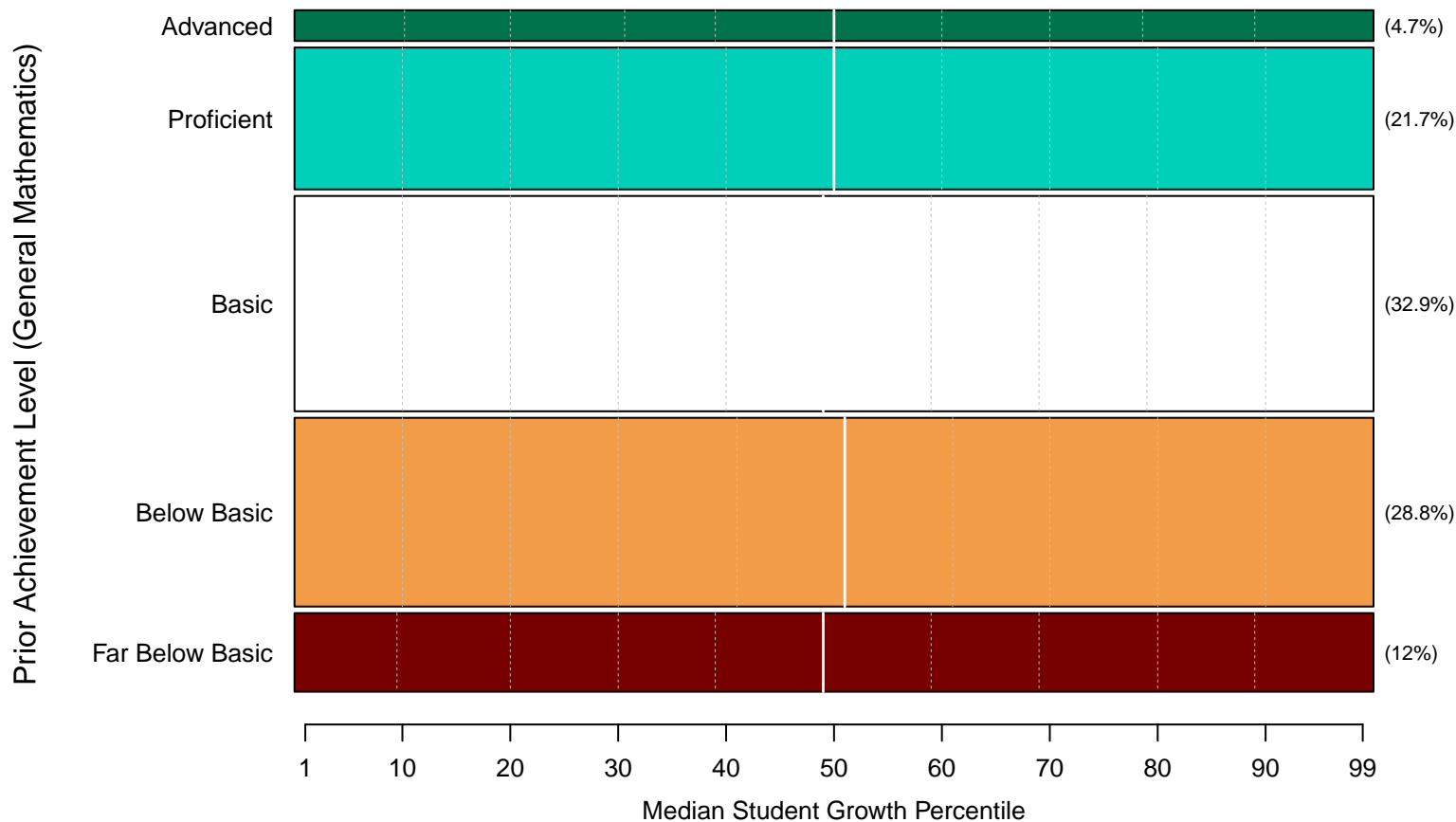
2012 Algebra I SGP, Grade EOCT (N = 7,302)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percent
Advanced	(4.7%)
Proficient	(21.7%)
Basic	(32.9%)
Below Basic	(28.8%)
Far Below Basic	(12%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Student Growth Percentile Range

Prior Scale Score Decile/Range *

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/[182,252)	10.50	9.06	10.79	10.65	9.50	10.50	9.64	9.50	9.78	10.07	(9.5%)
2nd/[252,267)	8.58	10.98	8.92	8.23	11.32	8.58	10.98	10.63	10.46	11.32	(8%)
3rd/[267,284)	9.56	10.02	10.14	10.94	11.52	9.68	9.10	9.68	9.79	9.56	(11.9%)
4th/[284,297)	9.66	9.98	9.66	10.47	8.51	9.82	10.47	10.31	9.66	11.46	(8.4%)
5th/[297,309)	9.80	9.65	10.95	9.08	9.80	10.37	10.37	9.94	10.52	9.51	(9.5%)
6th/[309,325)	8.87	9.73	9.24	10.10	10.59	10.34	9.24	10.71	10.34	10.84	(11.1%)
7th/[325,342)	10.40	11.04	10.78	11.30	8.60	8.99	10.27	8.47	9.37	10.78	(10.7%)
8th/[342,360)	7.74	8.93	10.12	8.78	12.50	10.71	8.93	11.31	10.42	10.57	(9.2%)
9th/[360,389)	11.84	9.96	9.61	10.55	9.26	9.96	10.55	9.85	9.03	9.38	(11.7%)
10th/[389,530)	8.57	10.34	9.93	9.66	9.66	9.80	10.34	10.07	10.75	10.88	(10.1%)

*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