Student Growth Percentile Goodness–of–Fit Descriptives
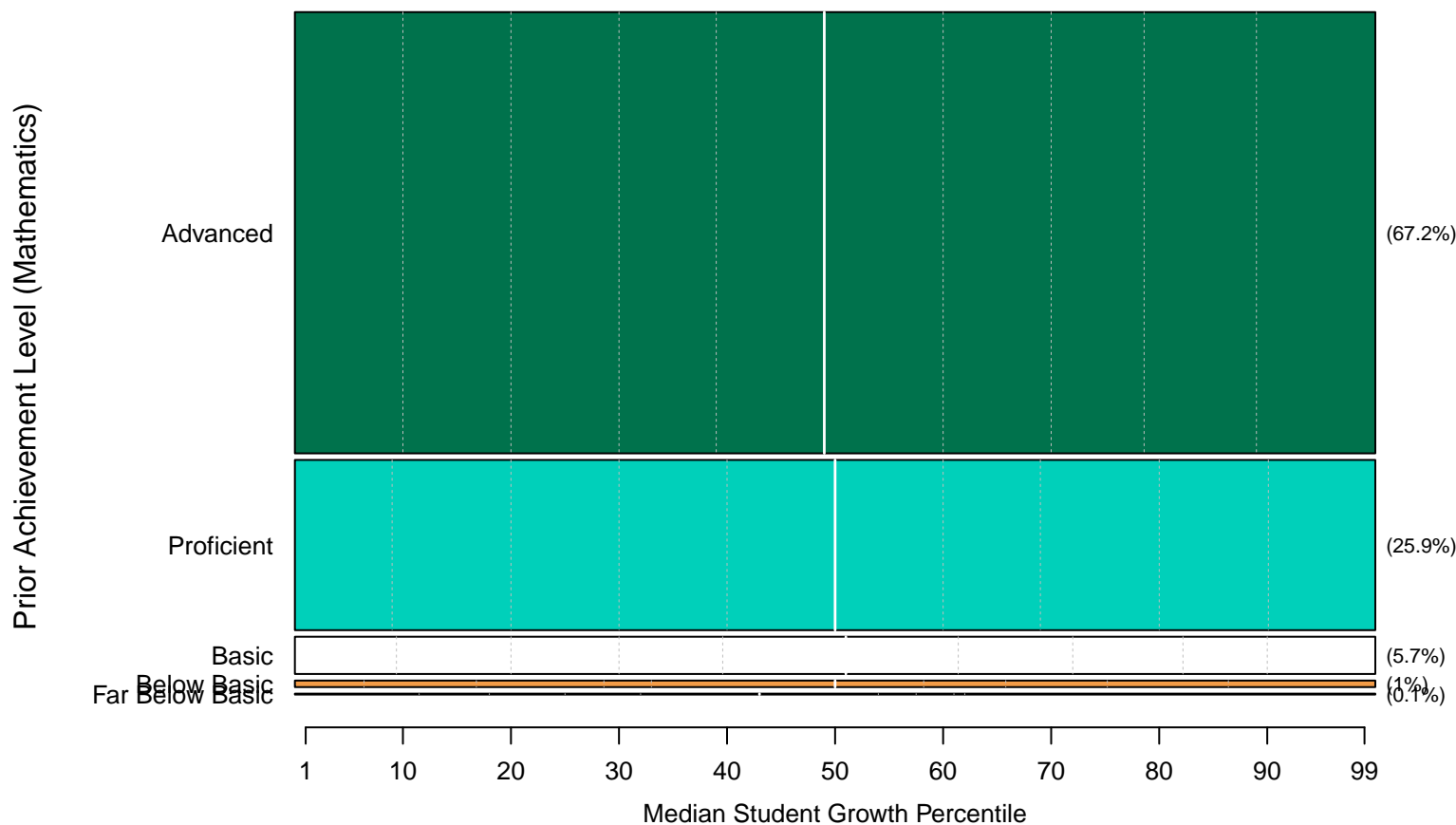## 2013 Algebra I SGP, Grade EOCT (N = 4,317)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
Advanced	(67.2%)
Proficient	(25.9%)
Basic	(5.7%)
Below Basic	(1%)
Far Below Basic	(0.1%)

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/[241,363]	9.57	10.33	9.82	11.59	8.56	10.08	10.33	10.58	9.57	9.57	(9.2%)
2nd/[363,388]	11.68	8.97	11.14	8.70	10.33	11.41	9.24	9.78	10.60	8.15	(8.5%)
3rd/[388,413]	10.23	9.19	8.56	9.60	9.60	9.81	11.48	9.60	9.19	12.73	(11.1%)
4th/[413,428]	8.40	10.64	11.20	8.40	11.76	8.96	9.52	7.28	10.92	12.89	(8.3%)
5th/[428,446]	9.80	9.80	9.56	10.78	12.25	8.82	10.78	9.80	10.54	7.84	(9.5%)
6th/[446,469]	8.69	10.81	10.62	11.00	7.92	10.81	8.88	11.00	11.58	8.69	(12%)
7th/[469,483]	11.19	11.86	6.44	12.54	8.81	8.81	8.81	11.19	9.83	10.51	(6.8%)
8th/[483,502]	11.04	11.66	10.43	10.43	9.51	10.43	10.12	7.67	7.98	10.74	(7.6%)
9th/[502,568]	7.83	8.26	10.72	8.41	10.29	10.43	12.03	12.03	7.39	12.61	(16%)
10th/[568,600]	11.06	12.32	8.35	11.06	10.23	8.98	8.35	13.99	8.98	6.68	(11.1%)

*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