Student Growth Percentile Goodness–of–Fit Descriptives
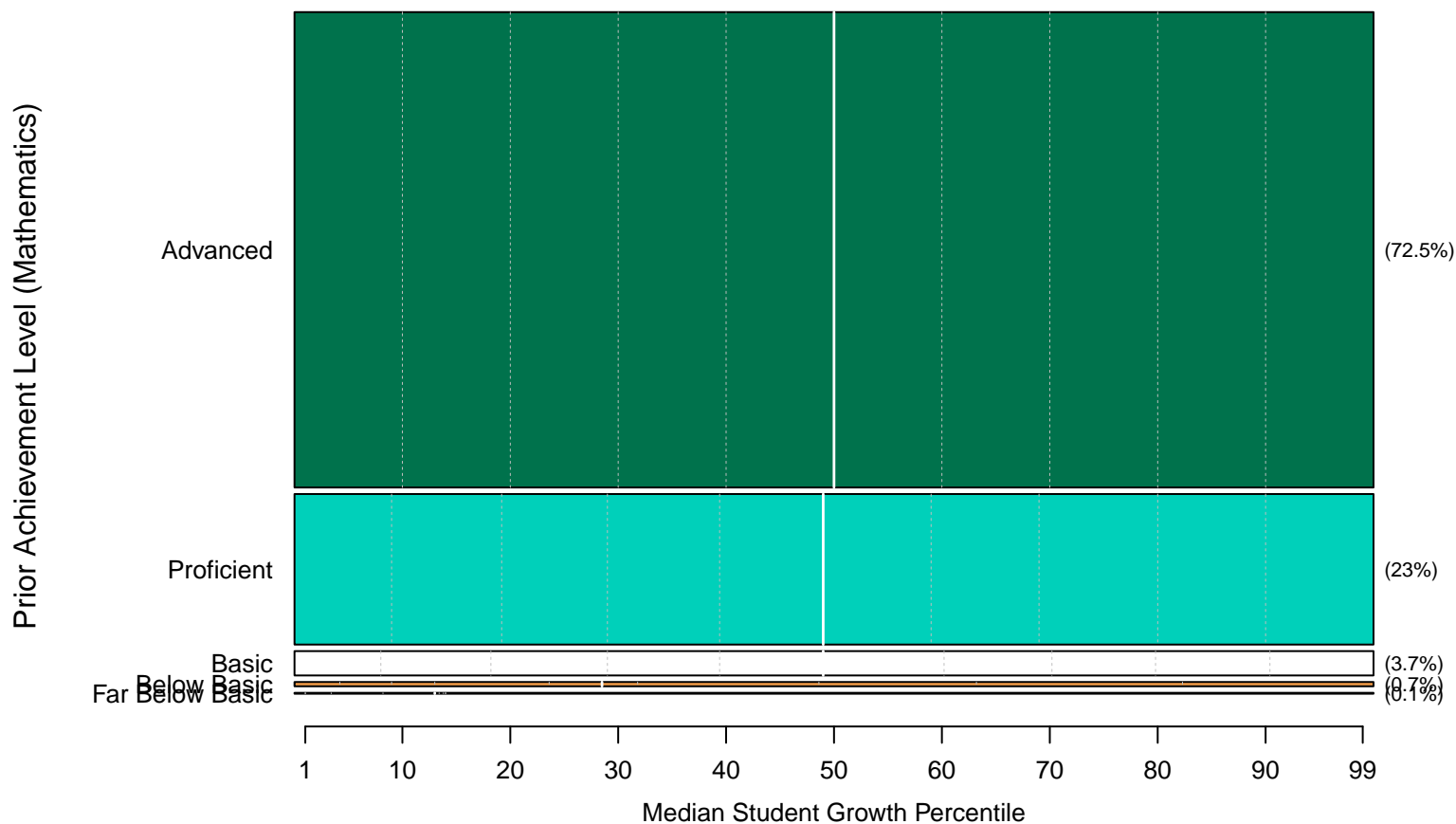## 2012 Algebra I SGP, Grade EOCT (N = 3,688)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced	(72.5%)
Proficient	(23%)
Basic	(3.7%)
Below Basic	(0.7%)
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 *

	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/[199,372)	12.28	10.48	9.58	8.98	11.98	7.78	9.58	11.38	9.28	8.68	(9.1%)
2nd/[372,400)	10.20	10.20	11.08	9.91	8.45	9.91	9.91	9.62	10.50	10.20	(9.3%)
3rd/[400,420)	10.42	9.82	10.12	9.52	10.42	11.31	10.12	7.14	9.52	11.61	(9.1%)
4th/[420,437)	9.66	9.97	9.35	10.28	9.97	12.15	10.28	9.35	8.10	10.90	(8.7%)
5th/[437,457)	8.74	10.31	9.42	10.09	9.87	10.09	9.87	9.42	11.88	10.31	(12.1%)
6th/[457,469)	9.92	8.68	13.64	9.50	9.92	8.68	9.09	11.98	9.09	9.50	(6.6%)
7th/[469,484)	10.07	11.11	10.42	9.72	8.68	7.99	11.11	10.07	10.76	10.07	(7.8%)
8th/[484,528)	8.65	10.74	8.33	10.26	11.06	9.78	10.26	12.18	10.10	8.65	(16.9%)
9th/[528,568)	11.02	7.91	11.30	10.73	8.47	12.15	8.47	8.19	8.47	13.28	(9.6%)
10th/[568,600]	9.75	11.00	10.00	10.00	10.25	8.75	10.50	9.50	11.25	9.00	(10.8%)

*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