Student Growth Percentile Goodness–of–Fit Descriptives
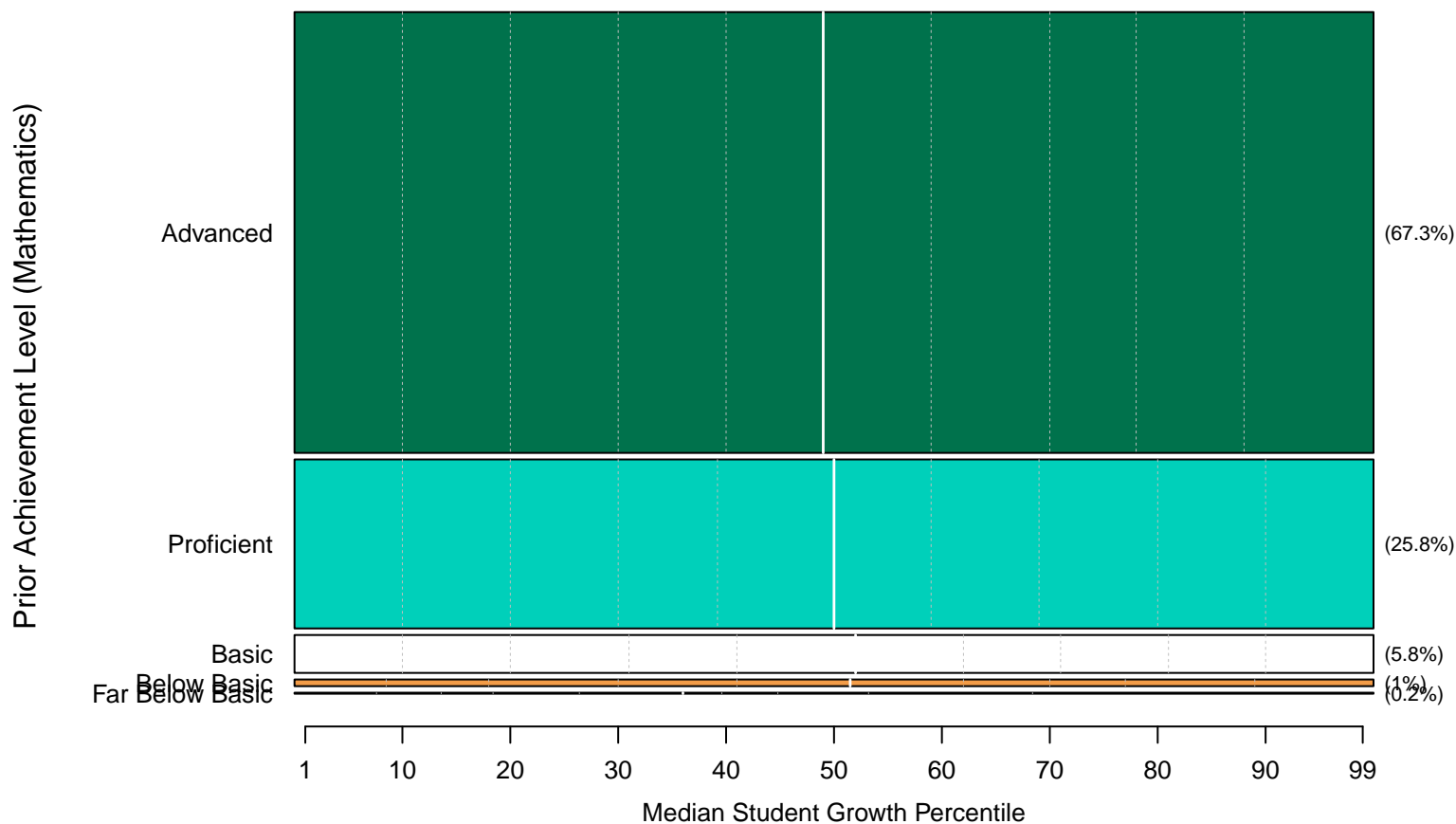## 2013 Algebra I SGP, Grade EOCT (N = 4,514)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (67.3%)
- Proficient (25.8%)
- Basic (5.8%)
- Below Basic (1%)
- Far Below Basic (0.2%)

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/[221,363)	9.93	10.17	9.46	9.22	11.58	9.93	9.46	10.64	9.93	9.69	(9.4%)
2nd/[363,388)	10.44	11.75	8.36	12.27	8.36	10.97	8.62	12.01	8.09	9.14	(8.5%)
3rd/[388,413)	9.64	9.04	10.04	9.04	10.24	9.84	14.06	5.22	10.84	12.05	(11%)
4th/[413,428)	9.32	9.04	12.33	10.14	8.22	11.51	6.85	10.68	8.22	13.70	(8.1%)
5th/[428,446)	9.22	9.93	10.17	11.11	9.69	10.40	9.93	9.93	10.87	8.75	(9.4%)
6th/[446,469)	10.78	9.29	8.92	10.22	10.78	8.36	10.41	11.34	10.41	9.48	(11.9%)
7th/[469,483)	9.49	11.71	10.13	9.81	9.49	9.18	10.76	9.81	9.81	9.81	(7%)
8th/[483,502)	10.88	11.47	10.59	9.41	15.59	4.71	12.65	8.24	7.35	9.12	(7.5%)
9th/[502,568)	8.31	8.73	9.28	9.70	8.86	12.47	8.45	10.80	10.80	12.60	(16%)
10th/[568,600]	11.66	10.47	10.67	10.47	9.68	12.06	7.71	16.80	10.47	0.00	(11.2%)

*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