Student Growth Percentile Goodness–of–Fit Descriptives
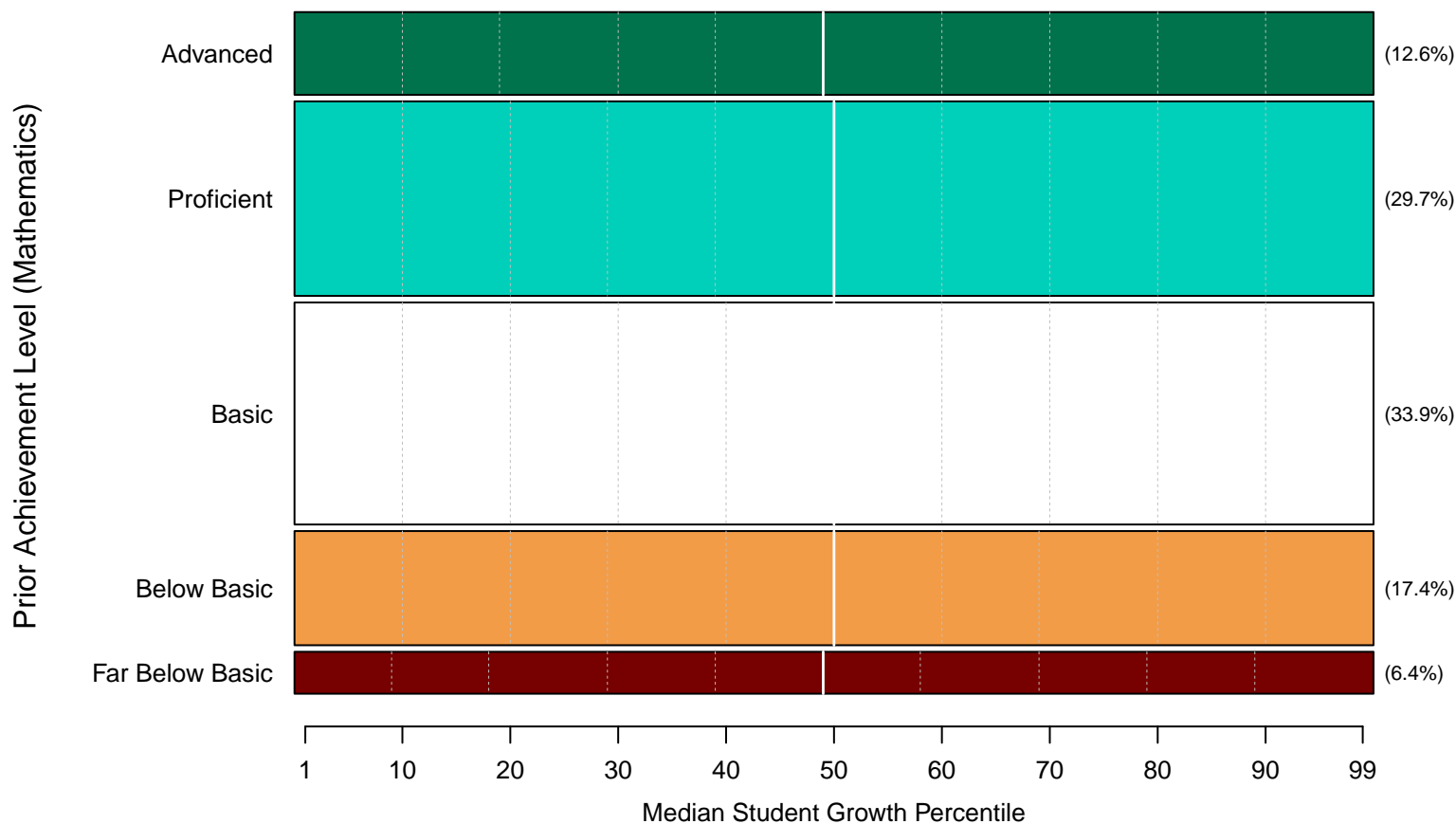## 2010 Algebra I SGP, Grade EOCT (N = 24,842)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percentage
Advanced	(12.6%)
Proficient	(29.7%)
Basic	(33.9%)
Below Basic	(17.4%)
Far Below Basic	(6.4%)

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/[171,270)	10.40	9.26	11.66	9.34	9.67	8.48	11.83	8.85	9.91	10.60	(9.9%)
2nd/[270,291)	9.10	10.93	10.02	9.52	9.31	11.77	10.27	9.52	9.81	9.77	(9.6%)
3rd/[291,308)	9.45	11.54	8.71	10.19	10.15	10.19	9.19	9.41	10.02	11.15	(9.2%)
4th/[308,324)	10.49	9.06	9.42	11.44	9.77	8.86	10.37	10.33	10.21	10.05	(10.2%)
5th/[324,340)	8.83	9.95	10.44	10.21	10.74	9.05	10.85	10.33	9.65	9.95	(10.8%)
6th/[340,353)	9.80	9.85	9.45	8.60	11.71	10.66	10.31	8.40	11.06	10.16	(8%)
7th/[353,371)	9.98	10.24	10.46	10.57	8.94	9.64	9.16	11.09	8.67	11.24	(10.8%)
8th/[371,390)	9.57	10.97	10.45	8.03	10.33	11.01	8.90	9.61	10.93	10.21	(10.1%)
9th/[390,421)	9.43	9.69	9.58	11.56	9.88	9.09	11.30	10.18	9.09	10.18	(10.8%)
10th/[421,600)	9.79	10.06	9.87	10.17	10.21	10.14	9.61	9.76	10.10	10.29	(10.6%)

*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