Student Growth Percentile Goodness–of–Fit Descriptives
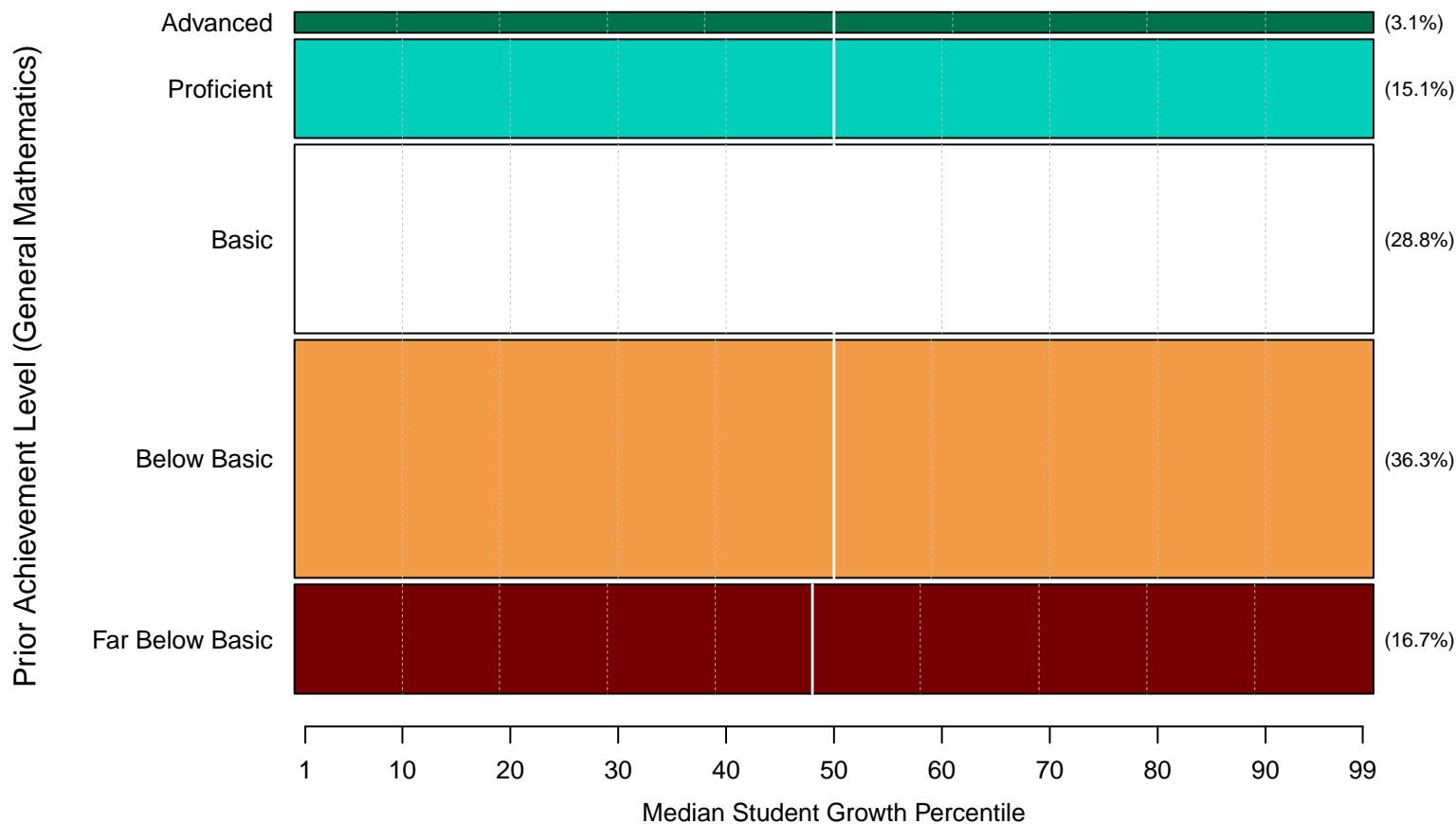## 2010 Algebra I SGP, Grade EOCT (N = 16,080)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Advanced	(3.1%)
Proficient	(15.1%)
Basic	(28.8%)
Below Basic	(36.3%)
Far Below Basic	(16.7%)

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/[150,247)	9.66	10.22	12.98	10.97	7.71	10.85	8.21	10.16	9.34	9.91	(9.9%)
2nd/[247,258)	10.49	11.13	8.19	7.82	10.49	10.95	11.13	9.29	10.49	10.03	(6.8%)
3rd/[258,272)	8.92	10.55	10.06	8.60	11.36	9.79	9.46	9.41	10.65	11.20	(11.5%)
4th/[272,285)	9.78	10.66	7.80	12.20	11.15	7.97	10.82	10.38	9.18	10.05	(11.3%)
5th/[285,298)	10.68	10.68	10.38	10.74	7.28	11.75	8.47	9.79	10.02	10.20	(10.4%)
6th/[298,310)	9.39	9.25	11.06	6.40	11.47	12.38	8.28	10.50	10.64	10.64	(8.9%)
7th/[310,326)	9.01	10.48	8.72	10.60	10.31	11.13	9.89	10.25	9.89	9.72	(10.6%)
8th/[326,342)	9.12	10.86	11.80	11.80	8.47	9.12	9.49	8.47	10.07	10.79	(8.6%)
9th/[342,373)	9.61	8.67	11.15	10.05	9.39	10.05	11.10	9.99	9.44	10.55	(11.3%)
10th/[373,576)	10.03	10.61	8.99	9.33	10.55	10.20	9.91	10.26	9.97	10.14	(10.7%)

*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