Student Growth Percentile Goodness–of–Fit Descriptives
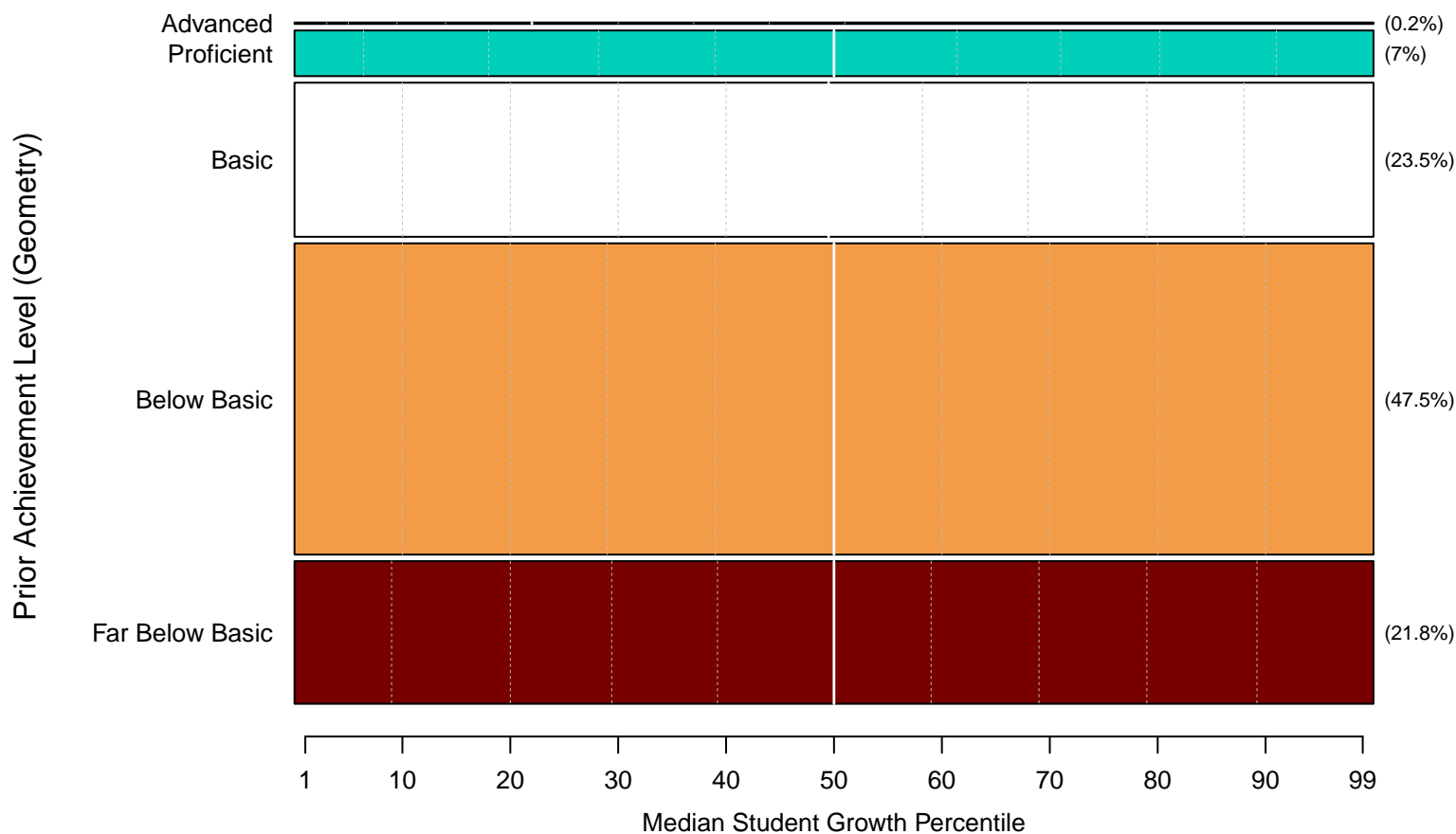## 2013 Algebra II SGP, Grade EOCT (N = 2,797)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Level	Percent
Advanced	(0.2%)
Proficient	(7%)
Basic	(23.5%)
Below Basic	(47.5%)
Far Below Basic	(21.8%)

Median Student Growth Percentile: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99

Student Growth Percentile Range

Prior Scale Score Decile/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/[183,234)	10.62	8.79	10.26	11.72	8.42	9.89	11.36	9.89	10.26	8.79	(9.8%)
2nd/[234,244)	8.17	11.06	11.54	8.65	12.02	9.13	7.69	10.58	9.62	11.54	(7.4%)
3rd/[244,253)	11.20	11.20	8.00	8.80	8.40	12.80	10.80	8.80	8.40	11.60	(8.9%)
4th/[253,264)	10.57	8.76	9.79	10.57	10.05	10.05	9.28	10.31	11.86	8.76	(13.9%)
5th/[264,275)	5.65	10.87	10.87	9.13	10.87	10.00	11.74	11.30	9.13	10.43	(8.2%)
6th/[275,283)	13.25	10.04	10.04	9.64	10.04	8.84	9.64	7.63	8.43	12.45	(8.9%)
7th/[283,300)	9.71	9.12	11.47	10.88	8.24	9.71	9.71	10.29	10.00	10.88	(12.2%)
8th/[300,316)	10.64	12.06	9.93	7.80	10.28	11.70	8.87	9.93	10.99	7.80	(10.1%)
9th/[316,337)	8.06	7.33	9.16	11.72	10.26	11.36	9.89	11.36	10.99	9.89	(9.8%)
10th/[337,463)	11.84	10.53	10.20	10.20	10.20	8.22	11.18	8.55	8.55	10.53	(10.9%)

*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