Student Growth Percentile Goodness–of–Fit Descriptives
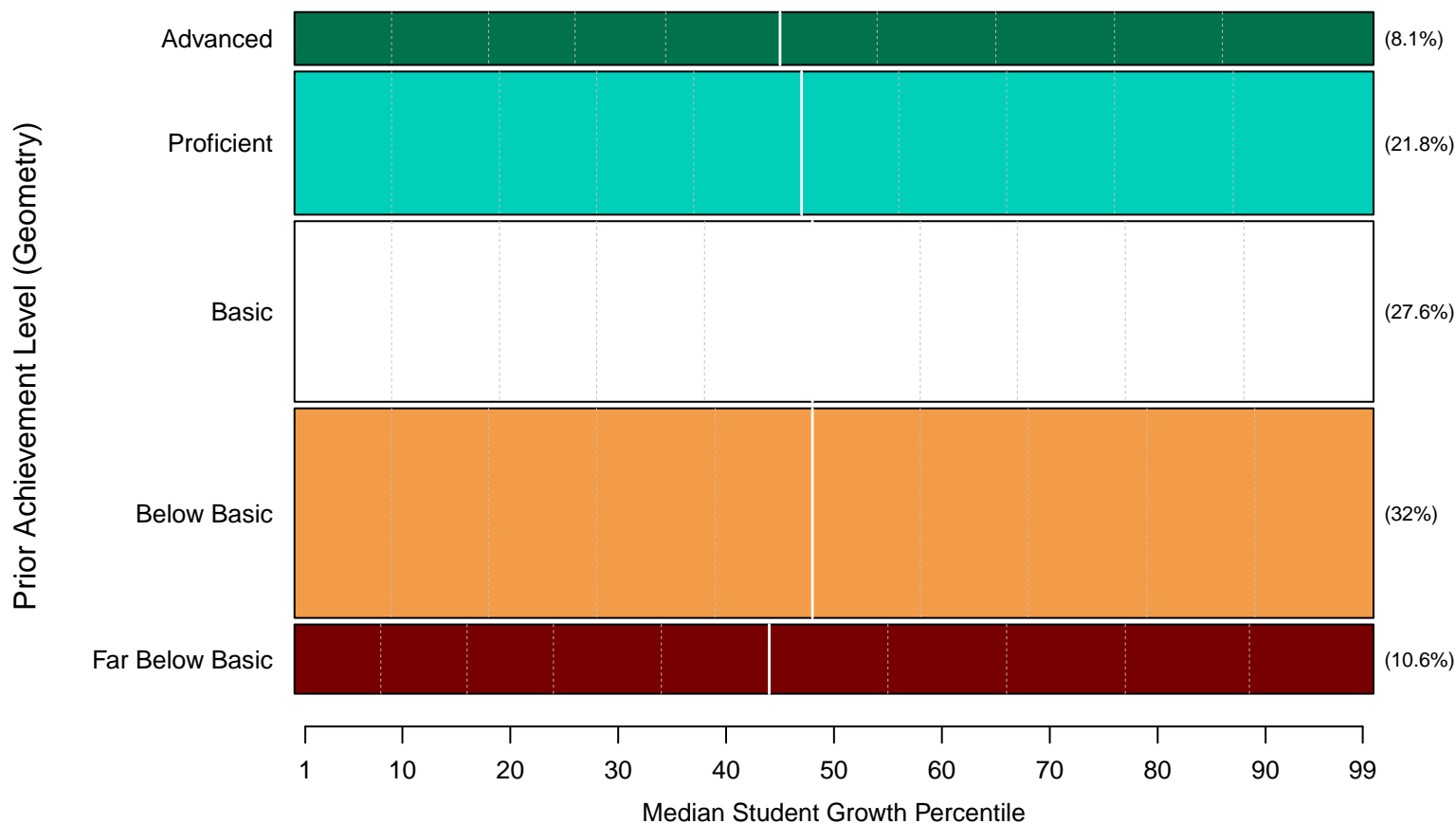## 2013 Algebra II SGP, Grade EOCT (N = 16,145)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Advanced	(8.1%)
Proficient	(21.8%)
Basic	(27.6%)
Below Basic	(32%)
Far Below Basic	(10.6%)

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/[175,244)	11.91	12.88	11.84	8.61	9.36	10.49	8.54	8.61	8.61	9.14	(8.3%)
2nd/[244,262)	11.78	11.34	10.65	9.07	10.59	9.96	9.33	9.33	8.07	9.89	(9.8%)
3rd/[262,279)	10.98	11.15	9.29	9.62	9.95	9.89	9.84	9.73	10.71	8.85	(11.3%)
4th/[279,296)	9.69	9.63	9.92	10.39	11.63	9.81	9.75	10.33	9.86	8.98	(10.5%)
5th/[296,312)	9.69	10.44	11.25	10.56	9.56	9.56	9.19	9.62	10.50	9.62	(9.9%)
6th/[312,328)	10.06	9.75	9.24	10.19	10.76	12.55	10.83	10.25	7.96	8.41	(9.7%)
7th/[328,346)	11.02	10.95	10.95	10.22	8.48	10.22	9.79	10.08	7.98	10.30	(8.5%)
8th/[346,370)	9.90	10.56	10.26	10.44	10.08	9.71	10.75	10.81	8.50	8.99	(10.2%)
9th/[370,406)	11.25	10.62	11.37	10.10	10.56	9.52	11.14	8.14	8.83	8.48	(10.7%)
10th/[406,600]	9.77	11.36	11.58	11.53	11.02	9.88	9.48	9.94	8.01	7.44	(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