Student Growth Percentile Goodness–of–Fit Descriptives
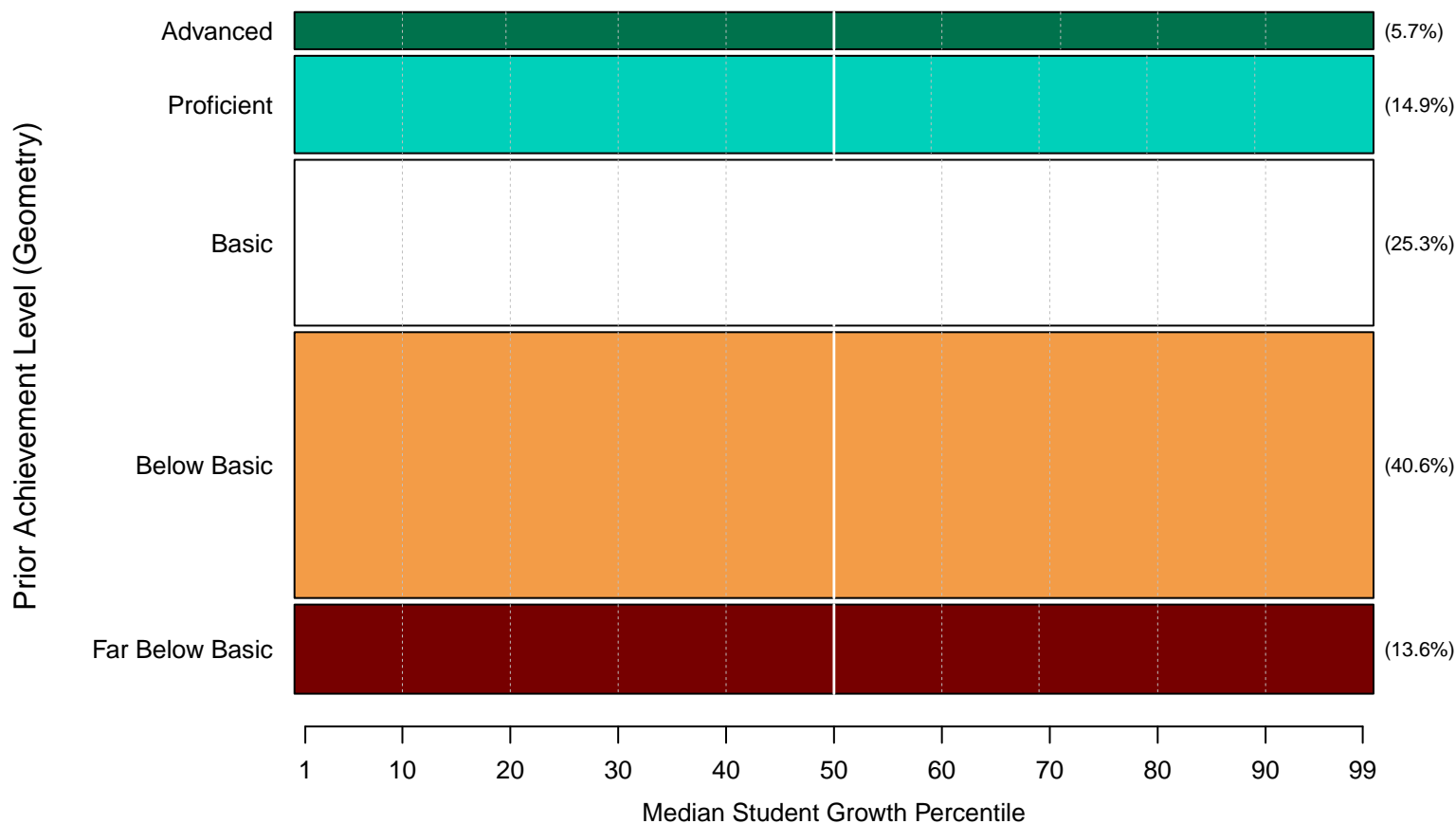
2011 Algebra II SGP, Grade EOCT (N = 20,439)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Level	Percent
Advanced	(5.7%)
Proficient	(14.9%)
Basic	(25.3%)
Below Basic	(40.6%)
Far Below Basic	(13.6%)

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/[155,240)	9.23	9.61	10.05	10.37	10.11	10.62	9.86	9.92	9.54	10.68	(7.7%)
2nd/[240,254)	10.02	10.40	9.96	9.31	9.47	9.74	10.02	10.13	10.78	10.18	(9%)
3rd/[254,268)	9.24	10.18	10.63	9.91	10.09	9.65	10.50	9.74	9.29	10.77	(10.9%)
4th/[268,281)	9.83	9.83	8.96	10.32	10.40	9.92	10.32	10.36	10.14	9.92	(11.1%)
5th/[281,293)	10.12	9.57	10.87	9.62	10.07	10.47	9.02	10.12	9.32	10.82	(9.8%)
6th/[293,310)	8.91	10.27	9.64	10.41	9.50	9.91	10.27	10.05	10.59	10.45	(10.8%)
7th/[310,326)	9.31	9.90	10.54	10.11	10.27	9.36	10.43	9.58	9.63	10.86	(9.1%)
8th/[326,352)	9.91	9.91	9.55	9.96	9.78	10.04	9.73	9.82	10.36	10.94	(10.9%)
9th/[352,389)	9.76	10.59	10.28	9.25	9.40	10.38	10.12	10.33	10.48	9.40	(9.5%)
10th/[389,600]	9.28	9.86	9.81	10.57	10.57	9.99	9.95	9.95	9.59	10.44	(11%)

*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