Student Growth Percentile Goodness–of–Fit Descriptives
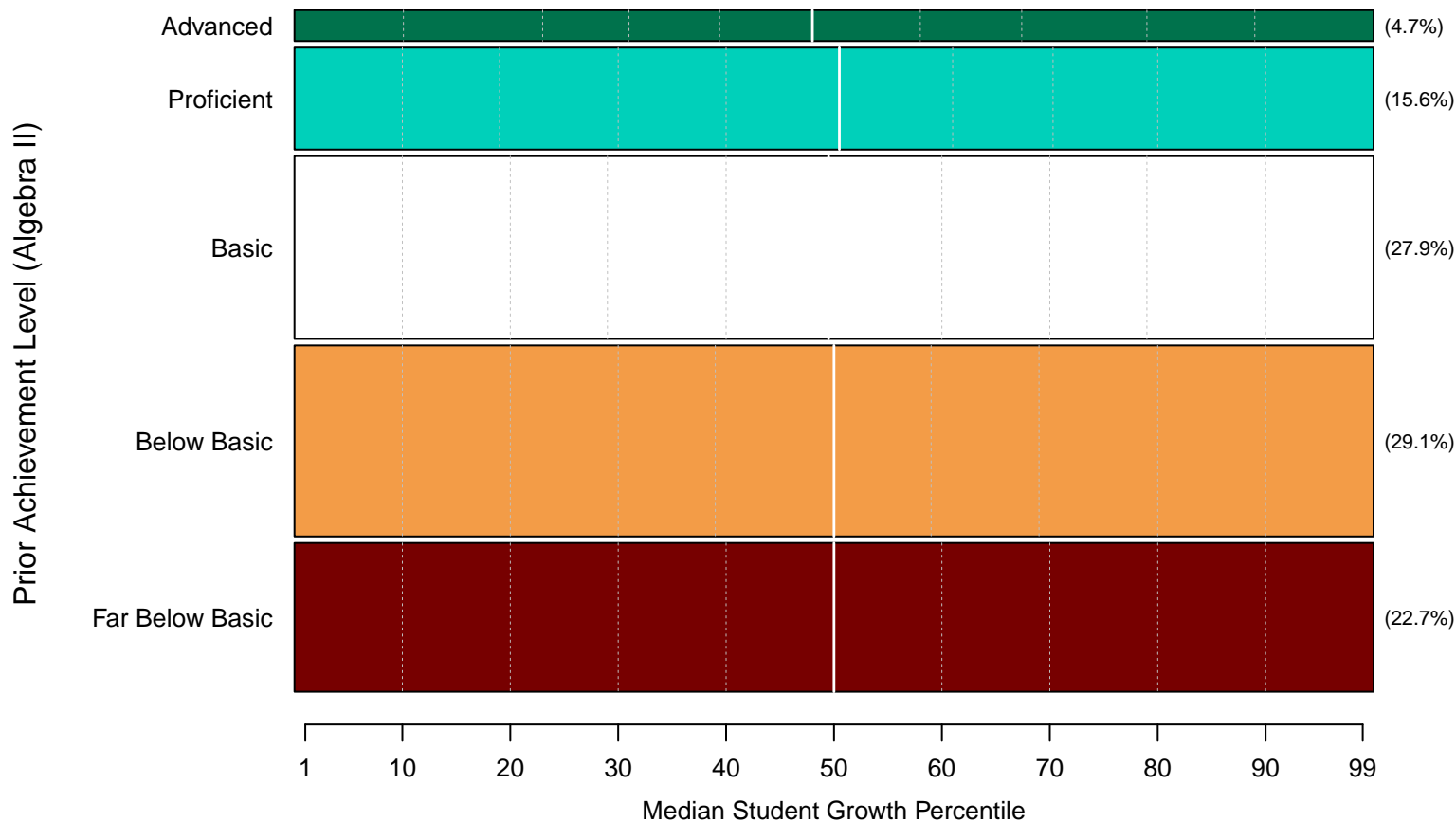
2013 Geometry SGP, Grade EOCT (N = 5,141)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

Level	Percent
Advanced	(4.7%)
Proficient	(15.6%)
Basic	(27.9%)
Below Basic	(29.1%)
Far Below Basic	(22.7%)

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/[150,233]	10.61	9.55	11.14	10.88	9.28	8.22	11.14	9.81	8.75	10.61	(7.3%)
2nd/[233,255]	8.86	10.63	9.18	9.50	9.50	11.59	8.70	11.27	10.95	9.82	(12.1%)
3rd/[255,270]	10.25	9.28	10.64	11.41	8.32	12.57	10.25	8.12	7.74	11.41	(10.1%)
4th/[270,284]	9.76	10.32	10.13	10.51	12.01	7.88	9.19	10.51	10.32	9.38	(10.4%)
5th/[284,298]	9.54	10.58	9.13	11.00	7.88	9.54	10.37	8.92	11.41	11.62	(9.4%)
6th/[298,311]	10.48	8.95	9.61	10.48	8.95	10.70	12.23	10.26	8.95	9.39	(8.9%)
7th/[311,330]	9.28	11.32	10.95	7.79	12.62	11.13	7.24	10.20	10.02	9.46	(10.5%)
8th/[330,354]	9.44	8.22	10.84	11.19	9.44	7.87	11.01	10.31	10.14	11.54	(11.1%)
9th/[354,385]	9.22	9.43	9.02	10.86	9.43	11.89	10.86	8.81	10.04	10.45	(9.5%)
10th/[385,600]	10.11	11.01	10.29	9.21	10.47	9.57	9.21	10.11	10.65	9.39	(10.8%)

*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