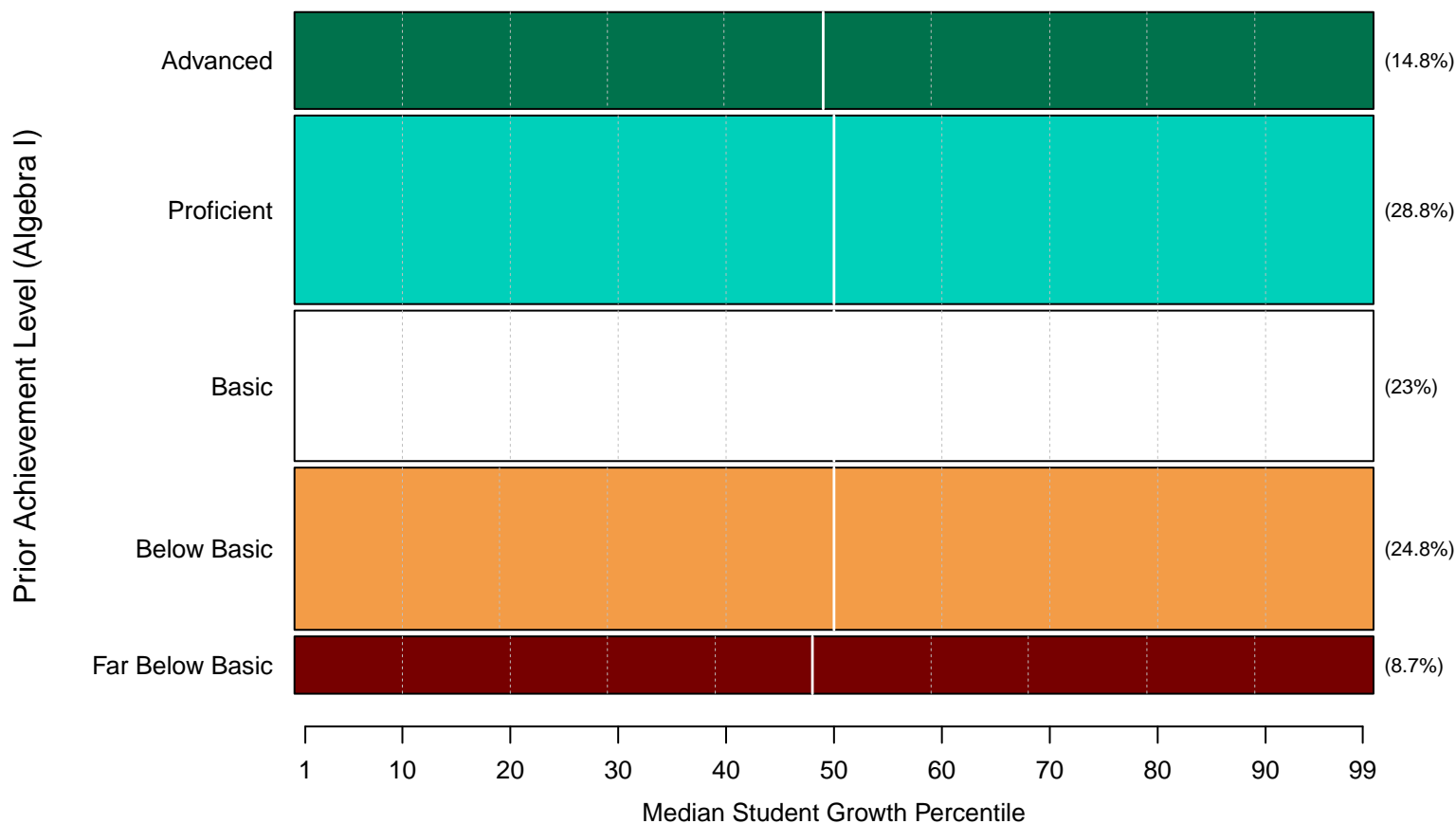# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Geometry SGP, Grade EOCT (N = 24,105)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Advanced	(14.8%)
Proficient	(28.8%)
Basic	(23%)
Below Basic	(24.8%)
Far Below Basic	(8.7%)

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/[150,257)	9.96	9.63	10.96	9.82	10.29	12.10	8.35	9.39	9.82	9.68	(8.7%)
2nd/[257,279)	9.73	11.15	8.31	8.69	10.51	8.69	11.30	10.37	10.63	10.63	(11.1%)
3rd/[279,294)	9.89	9.40	11.34	11.05	9.55	10.62	10.18	8.73	9.26	9.99	(8.6%)
4th/[294,313)	10.09	8.69	11.33	9.71	9.71	11.12	7.96	10.65	10.26	10.48	(9.7%)
5th/[313,337)	9.15	10.30	9.69	10.05	9.66	9.55	9.66	10.59	10.59	10.77	(11.6%)
6th/[337,356)	10.79	9.58	10.25	10.12	9.35	11.69	9.76	8.54	9.58	10.34	(9.2%)
7th/[356,376)	9.49	9.67	10.95	11.04	9.81	9.58	10.08	10.49	9.07	9.81	(9.1%)
8th/[376,403)	9.71	10.24	9.95	9.05	9.59	10.90	10.20	9.63	9.83	10.90	(10.1%)
9th/[403,444)	9.09	10.90	9.01	10.59	10.67	9.64	9.56	9.88	10.27	10.39	(10.5%)
10th/[444,600]	9.71	9.64	10.36	9.64	10.88	9.34	9.34	11.39	9.82	9.89	(11.4%)

*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