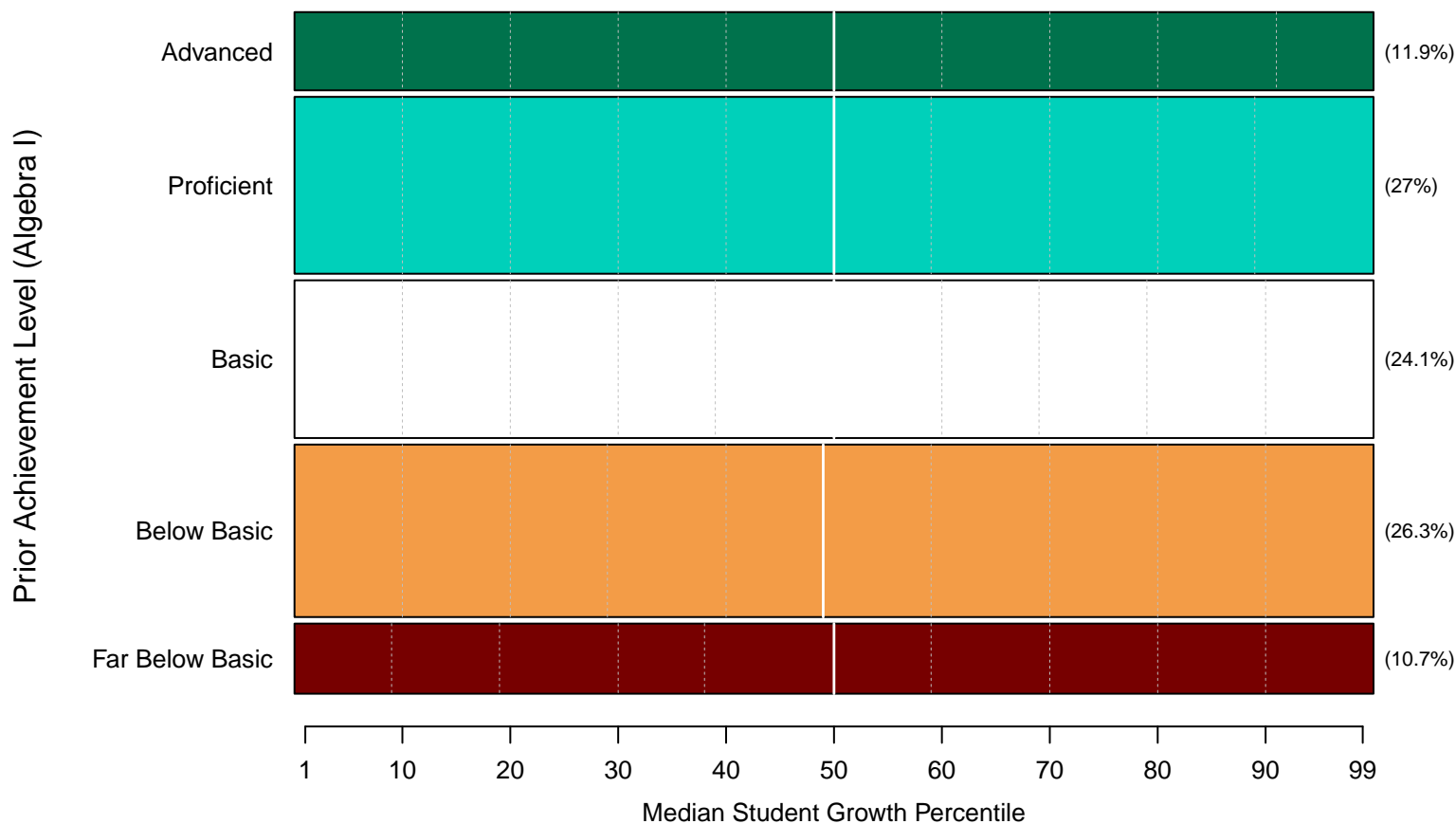# Student Growth Percentile Goodness–of–Fit Descriptives
2012 Geometry SGP, Grade EOCT (N = 26,704)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	(%)
Advanced	(11.9%)
Proficient	(27%)
Basic	(24.1%)
Below Basic	(26.3%)
Far Below Basic	(10.7%)

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/[150,252)	10.47	10.70	9.47	9.56	9.15	11.52	8.74	10.15	10.38	9.88	(8.2%)
2nd/[252,274)	9.99	9.53	9.17	10.28	11.96	8.90	9.07	10.61	10.12	10.38	(11.4%)
3rd/[274,289)	8.51	10.33	12.90	8.01	11.54	10.66	9.13	9.88	9.29	9.75	(9%)
4th/[289,308)	10.10	11.00	9.06	10.80	8.46	9.93	9.83	8.56	11.20	11.04	(11.2%)
5th/[308,327)	9.38	9.15	9.64	11.20	10.21	11.58	9.64	10.14	9.45	9.61	(9.9%)
6th/[327,346)	10.10	9.61	10.22	9.32	10.38	8.50	10.92	11.20	8.54	11.20	(9.2%)
7th/[346,371)	9.85	10.44	10.85	7.48	10.06	10.26	9.58	10.16	10.95	10.37	(10.9%)
8th/[371,398)	8.58	10.19	9.92	12.31	9.46	11.08	10.69	8.50	9.35	9.92	(9.7%)
9th/[398,437)	9.61	10.40	9.61	9.32	10.36	10.25	8.04	11.19	10.44	10.77	(10%)
10th/[437,600]	9.80	9.97	9.90	9.90	10.55	9.65	10.65	10.30	9.12	10.15	(10.5%)

*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