Student Growth Percentile Goodness–of–Fit Descriptives
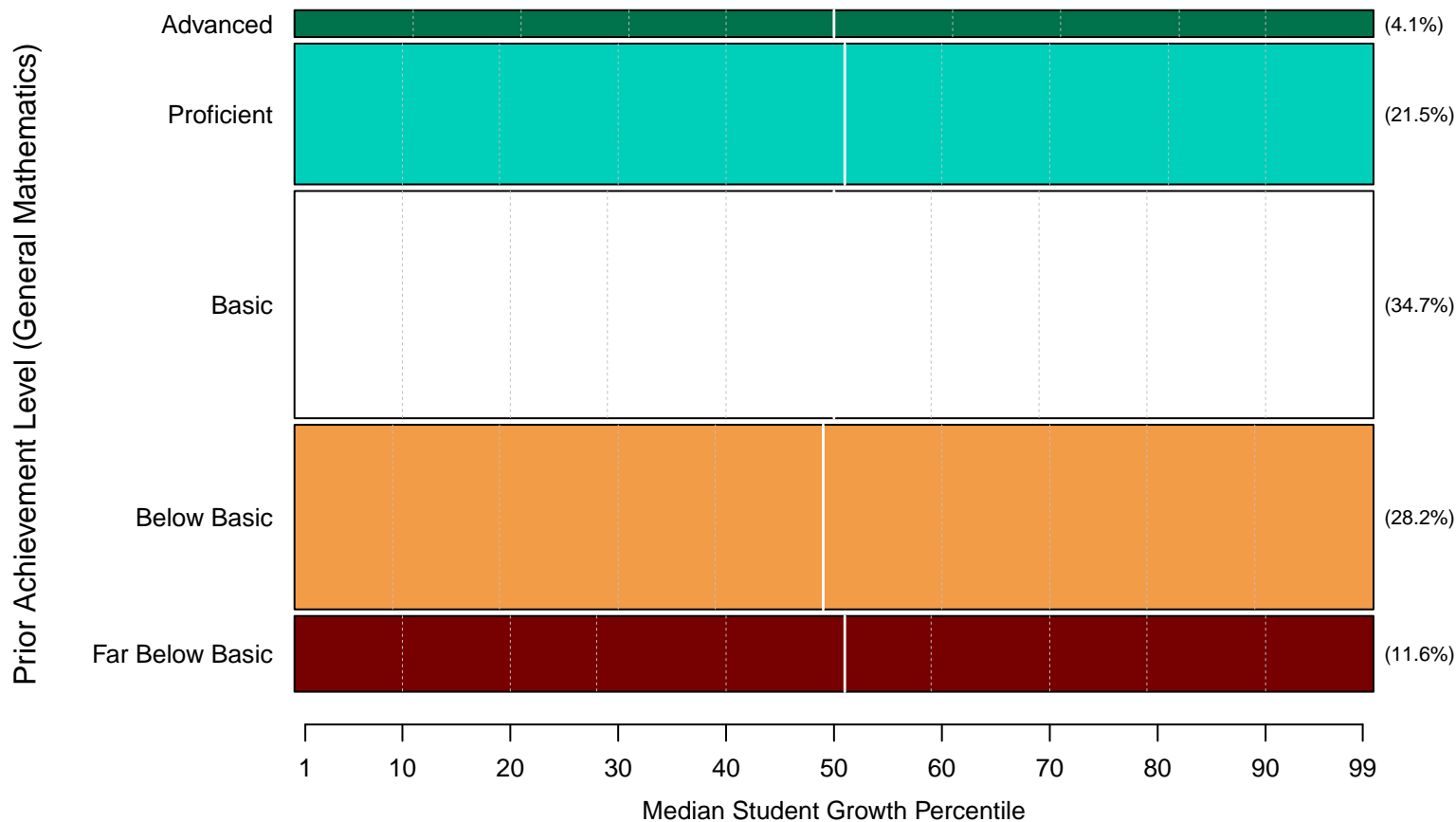
2013 Algebra I SGP, Grade EOCT (N = 8,313)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percent
Advanced	(4.1%)
Proficient	(21.5%)
Basic	(34.7%)
Below Basic	(28.2%)
Far Below Basic	(11.6%)

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/[164,254)	8.99	10.01	13.22	8.34	10.65	8.86	9.63	10.91	9.76	9.63	(9.4%)
2nd/[254,273)	9.11	10.86	7.99	11.99	9.99	10.49	9.36	11.24	8.61	10.36	(9.6%)
3rd/[273,285)	10.46	12.55	7.95	12.13	8.37	8.93	9.48	8.23	10.74	11.16	(8.6%)
4th/[285,302)	10.44	8.55	10.34	9.84	10.74	9.44	9.34	11.83	10.14	9.34	(12.1%)
5th/[302,314)	9.49	8.88	11.80	7.66	10.58	10.10	10.71	9.25	10.34	11.19	(9.9%)
6th/[314,326)	9.95	12.50	9.01	10.08	10.75	11.42	7.12	9.27	9.01	10.89	(8.9%)
7th/[326,342)	10.10	8.87	9.76	11.00	9.65	10.21	11.34	11.45	9.09	8.53	(10.7%)
8th/[342,360)	8.29	10.48	9.79	9.45	9.91	9.10	11.06	9.68	9.91	12.33	(10.4%)
9th/[360,384)	10.42	9.80	10.30	10.17	10.17	9.18	9.43	9.68	10.30	10.55	(9.7%)
10th/[384,573]	10.13	10.24	9.33	10.13	9.90	10.69	9.56	9.90	10.47	9.67	(10.6%)

*Prior score deciles can be uneven depending upon the prior score distribution

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution