Student Growth Percentile Goodness–of–Fit Descriptives
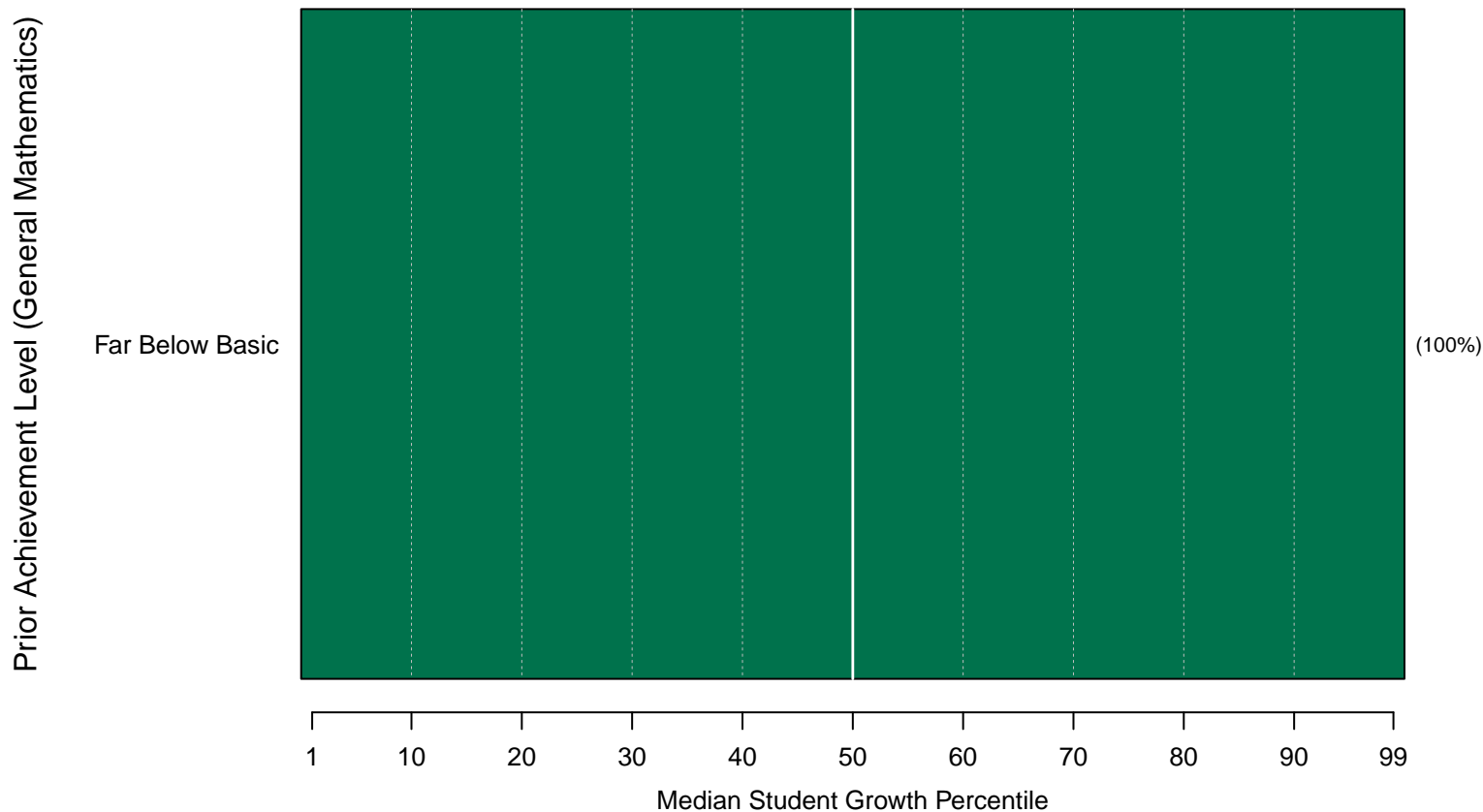
2012 Algebra I SGP, Grade EOCT (N = 7,267)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Far Below Basic — (100%)

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/[182,252)	10.61	9.01	10.47	10.76	9.45	10.61	9.74	9.45	9.88	10.03	(9.5%)
2nd/[252,269)	9.03	11.13	9.69	9.29	11.13	8.64	10.73	10.08	9.95	10.34	(10.5%)
3rd/[269,284)	9.48	9.78	9.48	10.37	11.41	10.07	8.74	10.22	10.22	10.22	(9.3%)
4th/[284,297)	9.56	10.05	9.56	10.38	8.57	9.88	10.54	10.21	9.72	11.53	(8.4%)
5th/[297,313)	10.27	9.82	9.93	9.93	9.82	10.49	9.71	10.60	9.71	9.71	(12.3%)
6th/[313,325)	7.76	9.57	10.07	9.24	10.89	10.07	9.74	10.07	11.55	11.06	(8.3%)
7th/[325,342)	10.32	11.10	10.84	11.23	8.52	9.03	10.32	8.39	9.42	10.84	(10.7%)
8th/[342,360)	7.61	8.81	10.15	8.81	12.54	10.75	8.96	11.34	10.45	10.60	(9.2%)
9th/[360,389)	11.84	9.96	9.61	10.55	9.26	9.96	10.55	9.85	9.03	9.38	(11.7%)
10th/[389,530]	8.59	10.37	9.96	9.55	9.69	9.82	10.37	10.10	10.78	10.78	(10.1%)

*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