Student Growth Percentile Goodness–of–Fit Descriptives
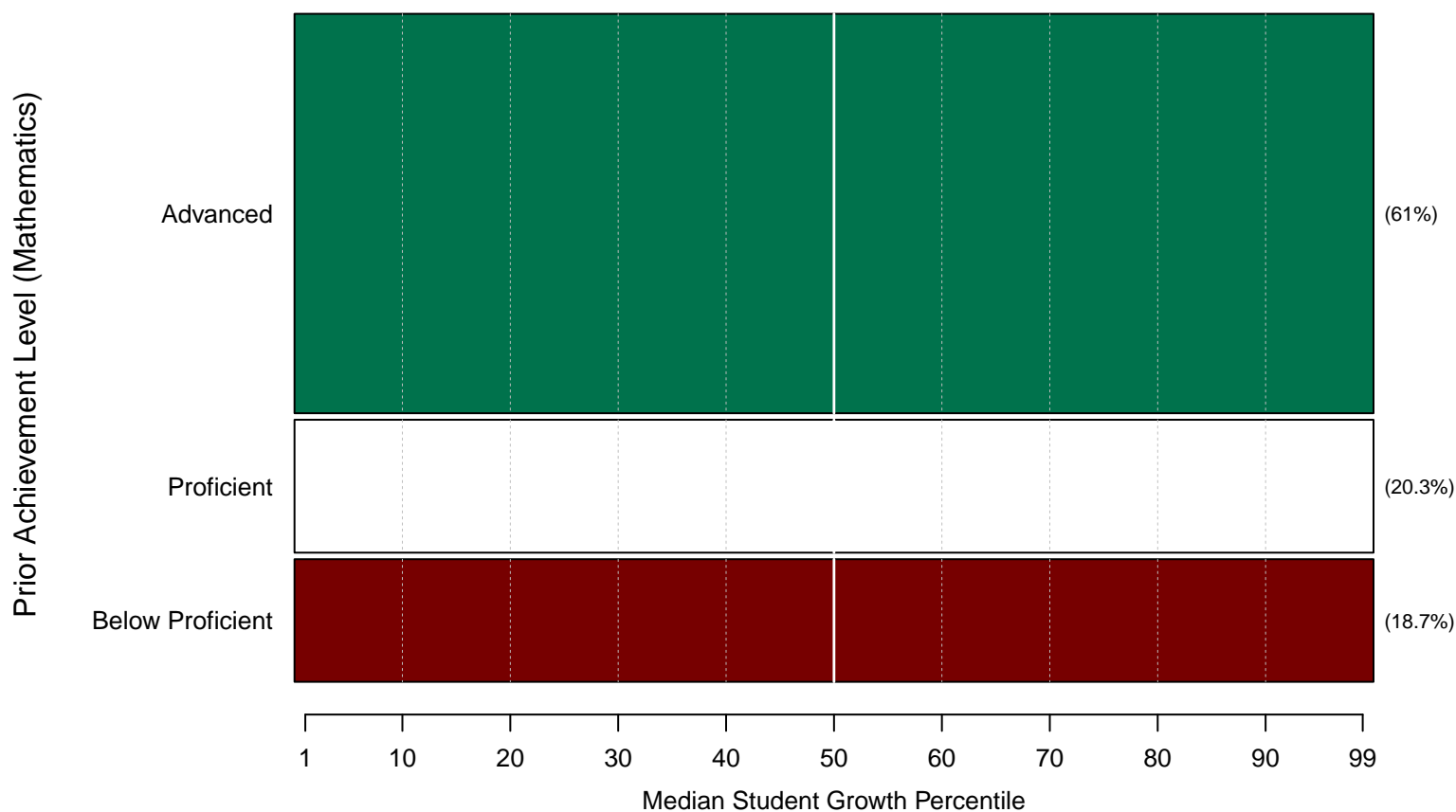## 2012 Pre Algebra SGP, Grade EOCT (N = 18,589)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced	(61%)
Proficient	(20.3%)
Below Proficient	(18.7%)

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/[130,154)	9.94	9.47	10.14	10.07	10.14	10.14	9.60	9.60	9.87	11.01	(8%)
2nd/[154,160)	9.19	10.15	10.05	9.59	10.20	10.20	10.50	10.40	9.84	9.89	(10.7%)
3rd/[160,163)	9.63	10.57	9.21	9.73	9.79	9.52	10.68	9.52	10.57	10.78	(10.3%)
4th/[163,166)	9.51	9.30	9.99	10.80	10.69	11.07	8.70	10.10	9.56	10.26	(10%)
5th/[166,168)	9.85	10.71	11.79	10.55	9.04	8.23	10.17	9.63	10.23	9.80	(10%)
6th/[168,170)	9.52	9.38	9.72	8.65	9.72	9.85	10.25	10.79	10.39	11.73	(8%)
7th/[170,173)	9.39	10.50	9.48	9.82	11.10	10.54	10.24	9.30	9.69	9.94	(12.6%)
8th/[173,176)	9.88	9.23	9.41	10.88	9.82	10.05	10.52	9.52	9.99	10.70	(9.2%)
9th/[176,180)	9.24	10.99	10.08	10.63	9.36	9.48	10.14	10.45	10.27	9.36	(8.9%)
10th/[180,199]	9.79	10.01	10.14	9.53	10.76	10.14	9.40	10.10	10.10	10.01	(12.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution