Student Growth Percentile Goodness–of–Fit Descriptives
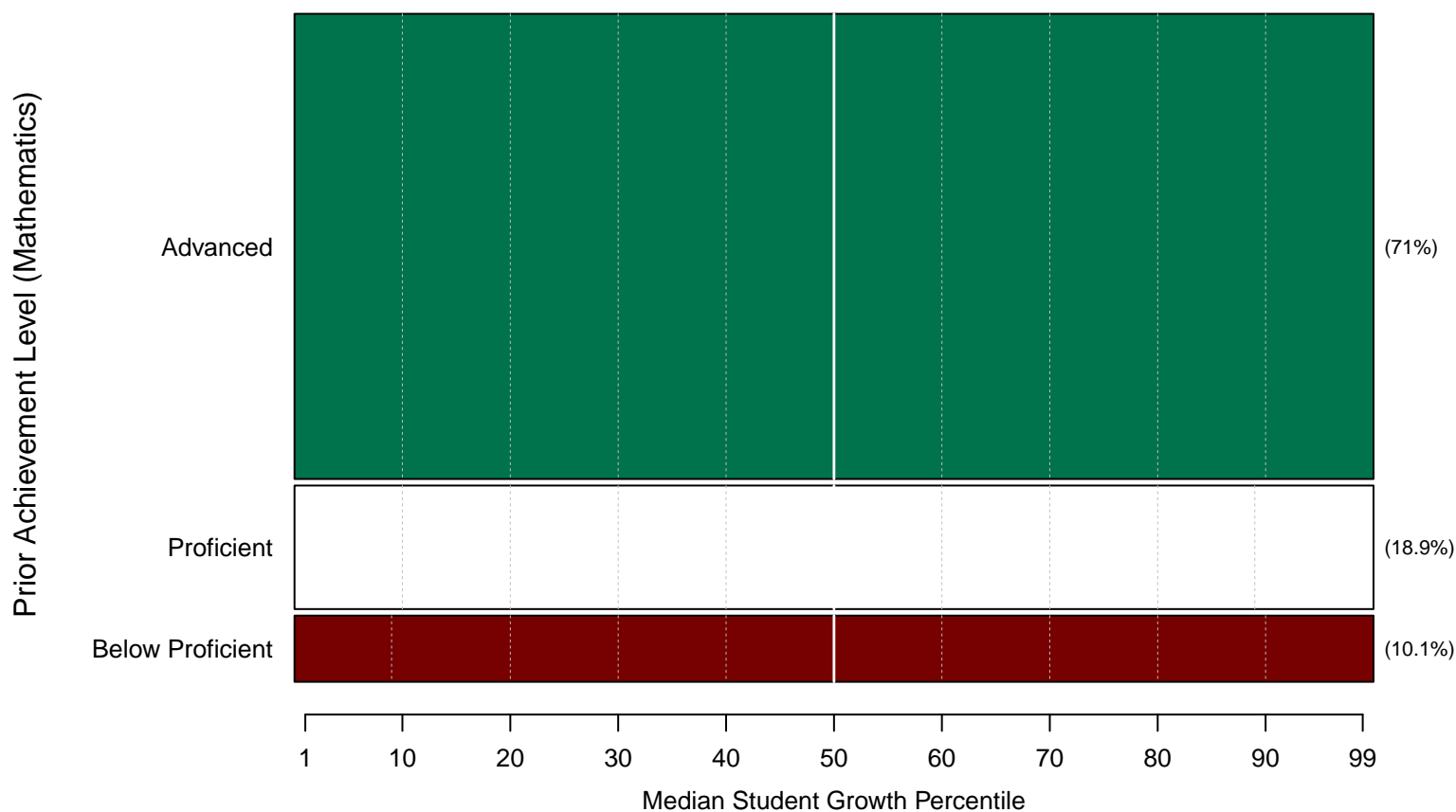
2011 Pre Algebra SGP, Grade EOCT (N = 18,093)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (71%)
- Proficient (18.9%)
- Below Proficient (10.1%)

Median Student Growth Percentile

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/[130,159)	9.55	9.10	9.78	10.69	9.86	10.54	10.08	9.55	10.54	10.31	(7.3%)
2nd/[159,163)	9.73	10.98	10.30	9.20	10.21	9.73	10.26	9.97	9.20	10.45	(11.5%)
3rd/[163,166)	9.32	9.86	10.18	9.97	10.35	9.43	9.32	10.73	11.48	9.37	(10.2%)
4th/[166,167)	9.89	8.75	9.49	10.83	10.03	10.43	10.30	9.35	9.56	11.37	(8.2%)
5th/[167,169)	9.86	10.27	9.68	10.10	8.73	10.39	10.21	10.33	8.85	11.58	(9.3%)
6th/[169,171)	9.82	10.16	9.43	10.51	10.34	10.62	9.60	9.09	10.73	9.71	(9.7%)
7th/[171,173)	9.10	10.32	11.69	9.04	10.57	9.40	9.25	11.38	9.25	10.01	(10.9%)
8th/[173,176)	9.11	9.86	8.51	9.70	10.29	9.70	11.80	9.43	10.40	11.21	(10.3%)
9th/[176,179)	10.20	10.44	10.86	10.86	8.82	9.72	9.48	8.22	11.76	9.60	(9.2%)
10th/[179,199)	9.42	9.71	9.96	9.63	10.33	10.37	10.00	10.66	9.14	10.78	(13.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution