Student Growth Percentile Goodness–of–Fit Descriptives
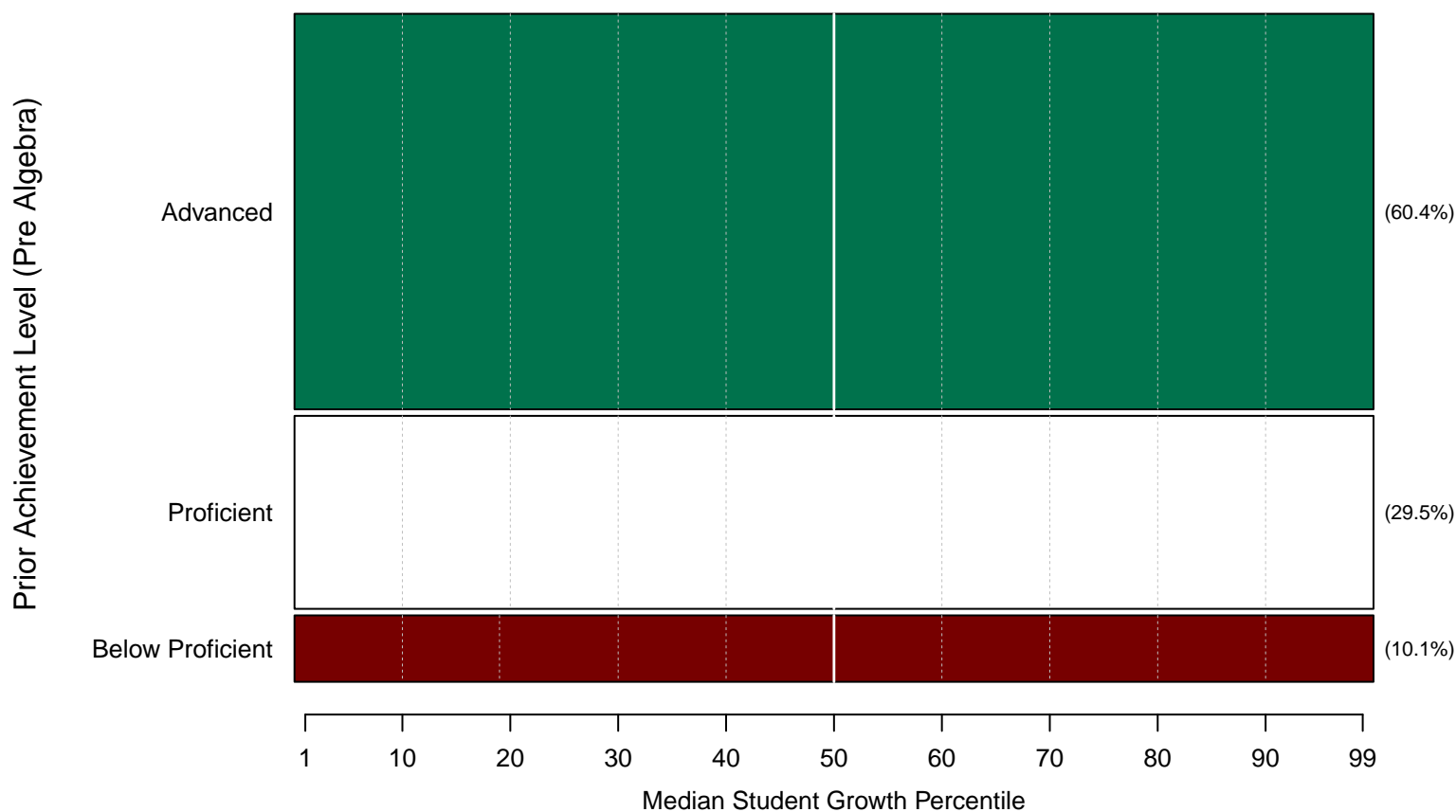
2011 Algebra I SGP, Grade EOCT (N = 14,732)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

- Advanced (60.4%)
- Proficient (29.5%)
- 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)	10.16	10.07	10.36	9.68	9.78	10.16	9.68	10.36	10.07	9.68	(7%)
2nd/[159,163)	8.98	10.49	10.05	9.48	10.18	9.86	9.86	9.48	10.05	11.57	(10.7%)
3rd/[163,166)	9.58	9.76	9.39	10.97	10.18	9.76	10.48	10.48	9.76	9.64	(11.2%)
4th/[166,168)	9.75	8.85	10.89	9.43	10.25	11.46	9.24	9.62	10.19	10.32	(10.7%)
5th/[168,169)	9.04	11.53	9.99	9.63	9.27	9.04	10.58	9.87	10.11	10.94	(5.7%)
6th/[169,171)	10.47	10.36	9.67	10.26	9.56	9.51	8.82	10.47	10.26	10.63	(12.8%)
7th/[171,173)	8.62	9.32	8.82	9.02	10.32	10.42	12.12	10.22	9.82	11.32	(6.8%)
8th/[173,176)	9.47	10.55	10.45	11.32	10.24	10.19	10.04	8.45	9.78	9.52	(13.3%)
9th/[176,181)	9.07	9.43	10.41	8.89	9.86	9.80	10.41	11.75	9.37	11.02	(11.2%)
10th/[181,199]	10.19	10.19	10.00	9.94	9.94	10.25	9.81	9.18	10.51	10.00	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution