Student Growth Percentile Goodness–of–Fit Descriptives
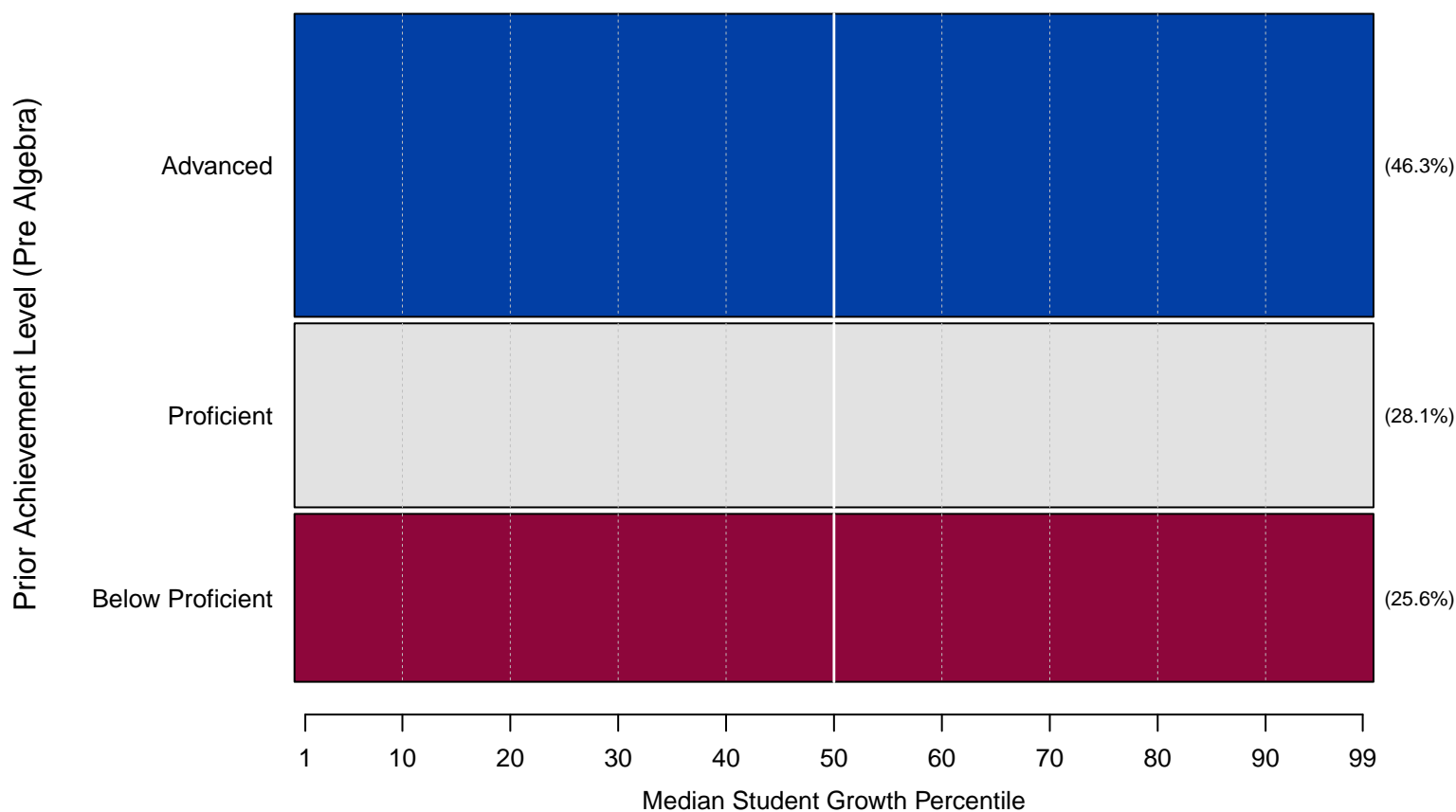
2014 Sec Math I SGP, Grade EOCT (N = 14,228)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

- Advanced (46.3%)
- Proficient (28.1%)
- Below Proficient (25.6%)

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/[130,152)	10.59	9.77	10.83	9.69	9.12	9.61	10.34	10.18	9.85	10.02	(8.6%)
2nd/[152,157)	8.52	10.70	8.88	9.24	11.94	9.97	9.90	10.26	9.46	11.14	(9.7%)
3rd/[157,161)	9.56	9.92	10.06	10.91	8.71	10.34	10.34	9.70	10.76	9.70	(9.9%)
4th/[161,164)	9.22	9.97	9.47	10.66	9.91	10.16	9.97	9.97	9.59	11.10	(11.2%)
5th/[164,167)	10.73	10.33	10.73	8.40	10.07	10.13	9.53	10.00	10.33	9.73	(10.5%)
6th/[167,169)	9.28	9.71	9.97	10.56	10.90	8.86	9.63	9.88	10.56	10.65	(8.3%)
7th/[169,172)	9.83	10.29	10.06	10.59	8.78	10.66	9.98	9.98	9.31	10.51	(9.4%)
8th/[172,177)	8.69	9.69	10.06	9.62	10.12	10.75	10.50	10.44	9.69	10.44	(11.2%)
9th/[177,180)	9.93	10.53	10.29	10.17	10.53	8.13	10.17	9.45	10.53	10.29	(5.9%)
10th/[180,199]	9.88	9.92	9.88	10.06	9.97	10.15	9.92	9.92	10.06	10.24	(15.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution