Student Growth Percentile Goodness–of–Fit Descriptives
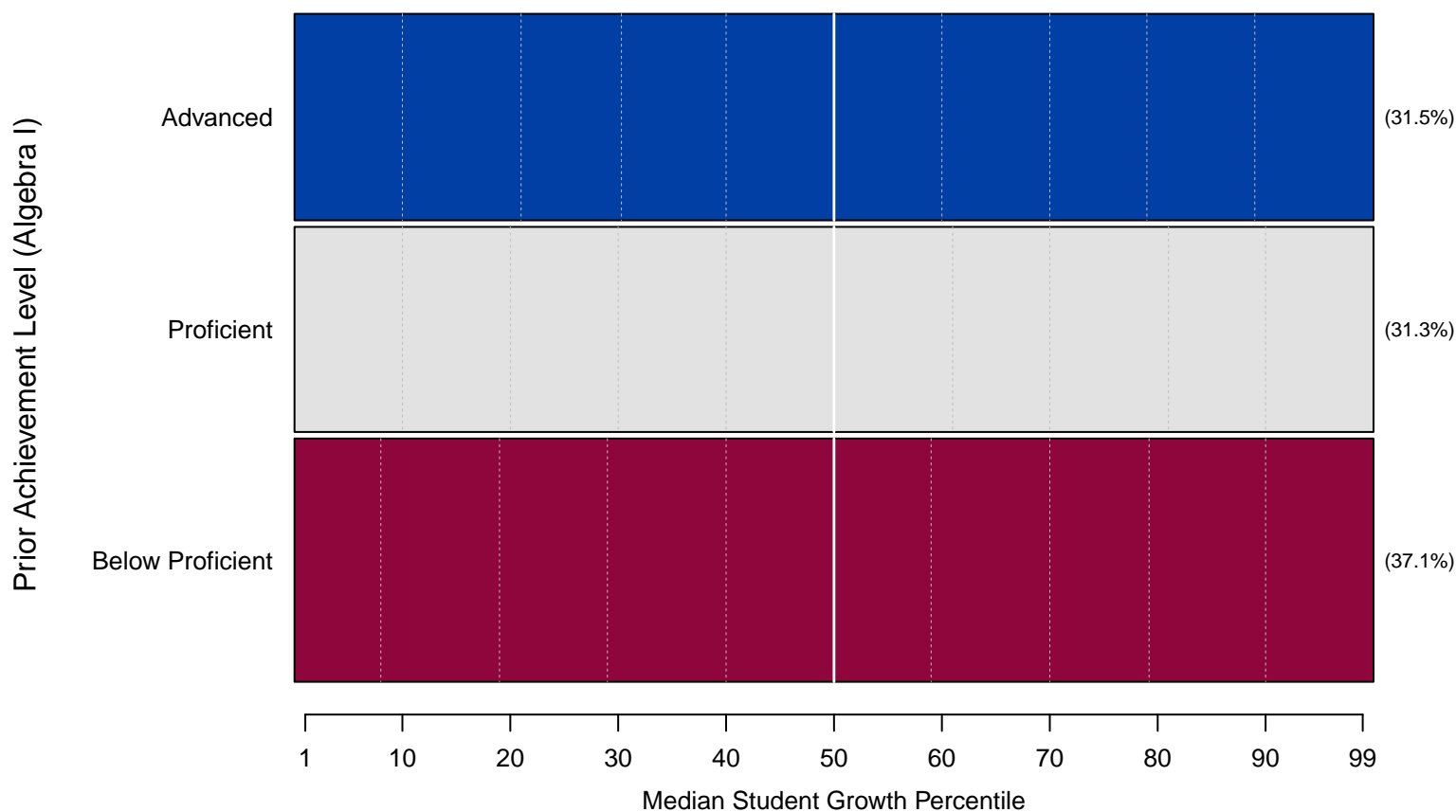
2014 Sec Math III SGP, Grade EOCT (N = 4,953)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Advanced	(31.5%)
Proficient	(31.3%)
Below Proficient	(37.1%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Student Growth Percentile Range

Prior Scale Score Decile/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/[130,151]	11.48	12.09	6.97	9.84	9.02	10.45	10.25	8.81	10.25	10.86	(9.9%)
2nd/[151,155]	12.02	4.81	10.10	11.06	11.54	9.62	10.34	11.54	8.89	10.10	(8.4%)
3rd/[155,158]	9.98	8.35	12.42	8.96	9.57	10.18	8.96	10.79	11.20	9.57	(9.9%)
4th/[158,160]	9.89	13.93	8.09	8.99	10.79	10.34	9.21	9.89	8.31	10.56	(9%)
5th/[160,162]	7.94	7.65	10.59	13.24	6.76	8.24	12.65	10.88	10.59	11.47	(6.9%)
6th/[162,165]	8.73	10.69	9.04	9.64	11.14	11.45	9.94	8.43	10.09	10.84	(13.4%)
7th/[165,168]	11.88	10.24	10.97	7.86	9.51	9.51	8.96	9.87	10.42	10.79	(11%)
8th/[168,171]	7.91	9.49	11.07	11.25	10.54	9.84	10.54	11.25	9.49	8.61	(11.5%)
9th/[171,176]	9.72	9.72	8.30	10.93	10.12	9.72	9.92	9.92	11.13	10.53	(10%)
10th/[176,199]	9.62	11.42	10.02	9.62	9.42	10.42	9.82	9.42	9.62	10.62	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution