Student Growth Percentile Goodness–of–Fit Descriptives
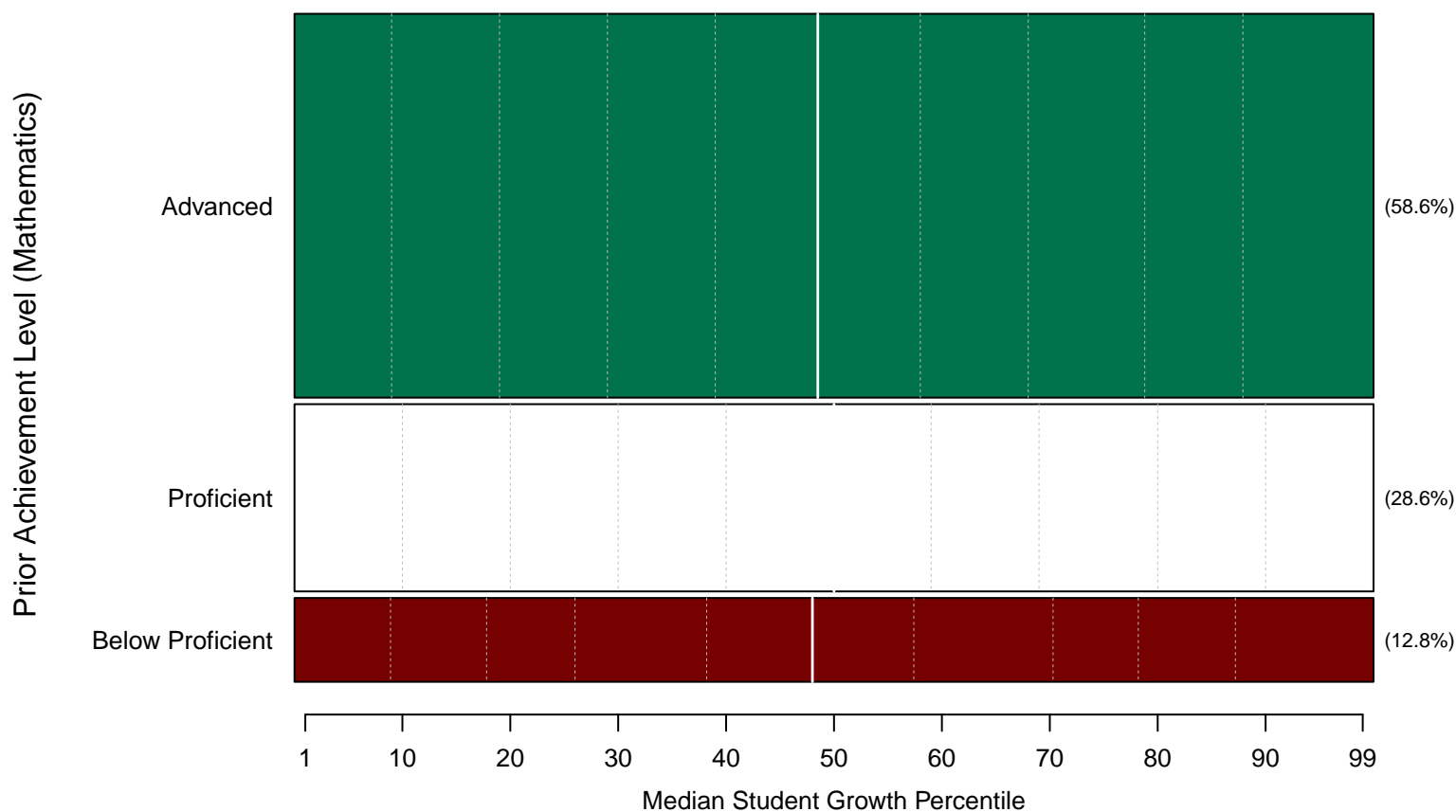
2011 Algebra I SGP, Grade EOCT (N = 703)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced — (58.6%)
- Proficient — (28.6%)
- Below Proficient — (12.8%)

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/[130,158)	10.77	12.31	10.77	10.77	7.69	10.77	7.69	10.77	10.77	7.69	(9.2%)
2nd/[158,161)	10.91	7.27	7.27	7.27	16.36	12.73	10.91	10.91	5.45	10.91	(7.8%)
3rd/[161,165)	9.20	12.64	9.20	10.34	11.49	9.20	12.64	6.90	10.34	8.05	(12.4%)
4th/[165,168)	4.26	6.38	10.64	10.64	10.64	10.64	4.26	12.77	12.77	17.02	(6.7%)
5th/[168,170)	17.39	10.14	10.14	11.59	5.80	11.59	7.25	10.14	7.25	8.70	(9.8%)
6th/[170,174)	7.14	12.24	9.18	12.24	9.18	10.20	11.22	9.18	9.18	10.20	(13.9%)
7th/[174,175)	9.76	12.20	7.32	9.76	21.95	4.88	4.88	12.20	9.76	7.32	(5.8%)
8th/[175,179)	11.25	3.75	15.00	7.50	13.75	3.75	13.75	7.50	12.50	11.25	(11.4%)
9th/[179,184)	9.72	9.72	9.72	8.33	6.94	9.72	6.94	15.28	11.11	12.50	(10.2%)
10th/[184,199]	11.24	13.48	8.99	10.11	8.99	13.48	15.73	5.62	7.87	4.49	(12.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution