Student Growth Percentile Goodness–of–Fit Descriptives
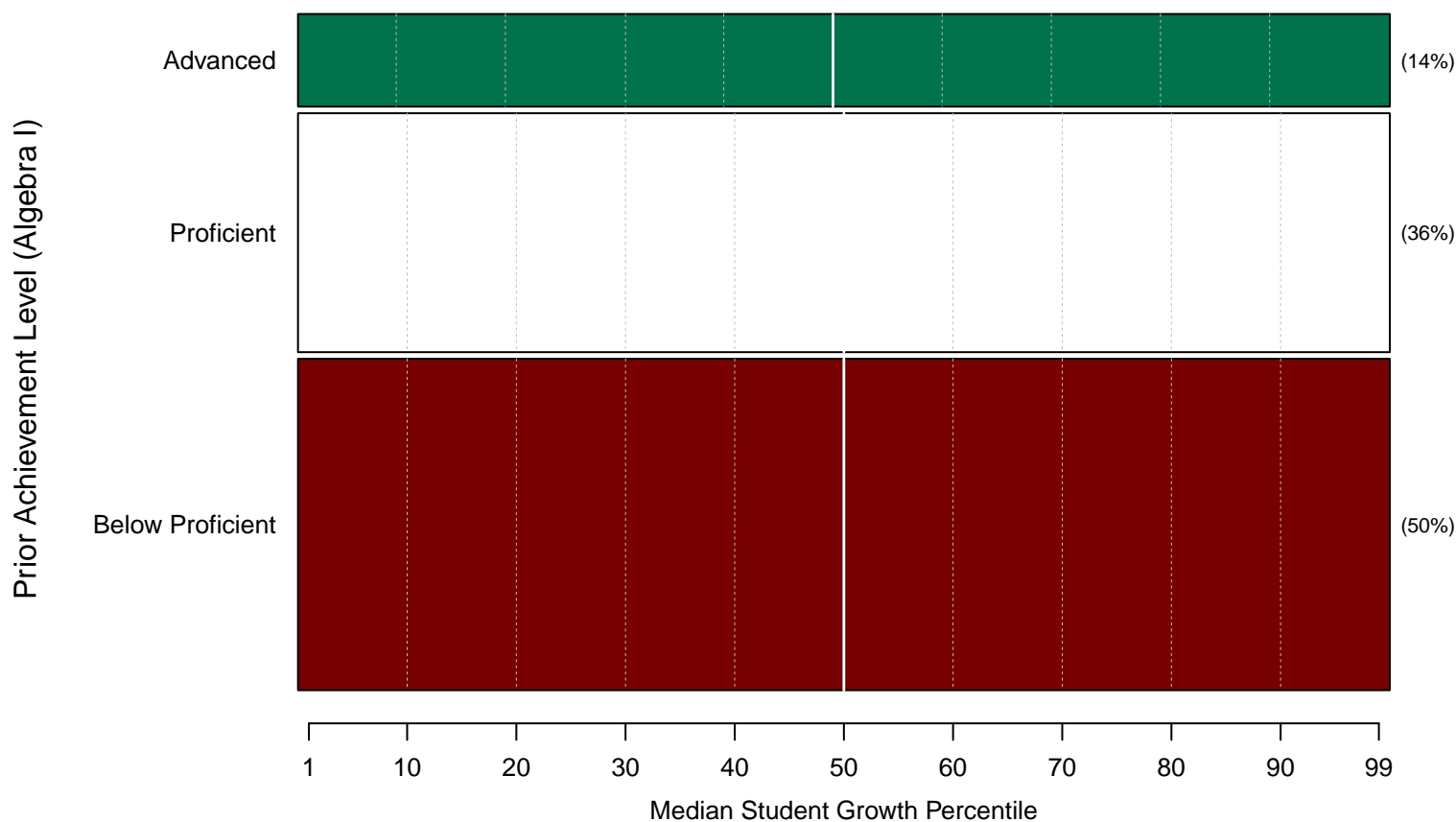## 2011 Geometry SGP, Grade EOCT (N = 4,495)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (14%)
- Proficient (36%)
- Below Proficient (50%)

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/[130,149)	9.31	9.79	9.07	11.22	10.98	9.79	10.26	9.31	9.31	10.98	(9.3%)
2nd/[149,153)	9.63	10.07	11.38	7.66	8.75	10.50	10.94	10.50	11.16	9.41	(10.2%)
3rd/[153,155)	8.73	11.64	10.55	13.09	12.73	6.55	9.09	9.09	6.91	11.64	(6.1%)
4th/[155,158)	11.73	8.87	9.67	9.98	8.24	11.25	9.35	10.62	10.30	9.98	(14%)
5th/[158,160)	7.96	11.18	8.39	9.68	11.61	10.11	10.54	10.54	10.54	9.46	(10.3%)
6th/[160,161)	12.02	9.62	9.62	8.65	10.10	9.13	11.54	9.62	9.13	10.58	(4.6%)
7th/[161,163)	8.06	9.28	11.21	10.86	9.63	10.86	8.58	8.93	10.86	11.73	(12.7%)
8th/[163,165)	8.45	13.12	11.95	9.62	8.75	8.16	12.24	9.33	9.91	8.45	(7.6%)
9th/[165,169)	10.89	8.78	8.62	9.27	11.38	9.92	9.59	11.38	9.59	10.57	(13.7%)
10th/[169,199)	10.57	9.59	10.18	10.96	9.20	9.98	10.37	9.20	10.18	9.78	(11.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution