Student Growth Percentile Goodness–of–Fit Descriptives
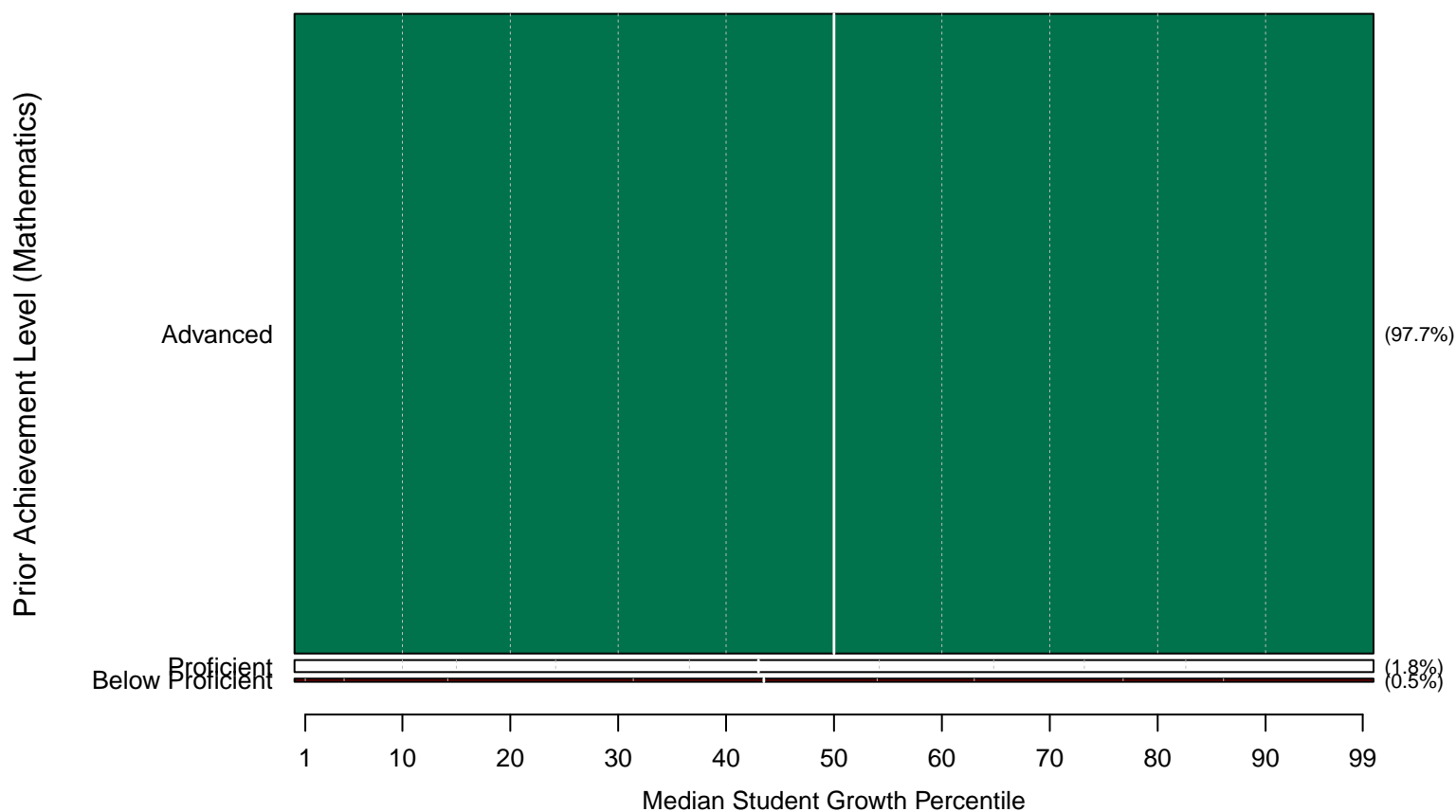## 2011 Algebra I SGP, Grade EOCT (N = 2,886)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced (97.7%)

Proficient (1.8%)
Below Proficient (0.5%)

Median Student Growth Percentile

1 10 20 30 40 50 60 70 80 90 99

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/[130,170)	9.96	8.43	9.96	12.26	8.43	9.96	9.96	9.20	11.11	10.73	(9%)
2nd/[170,173)	10.62	13.19	8.79	8.42	9.89	9.89	10.99	8.06	9.16	10.99	(9.5%)
3rd/[173,176)	9.85	8.62	11.08	9.85	12.00	10.15	9.23	11.38	9.23	8.62	(11.3%)
4th/[176,177)	9.85	11.33	8.87	7.88	10.34	10.34	10.84	12.32	10.34	7.88	(7%)
5th/[177,179)	11.11	8.55	8.97	8.12	12.39	7.69	8.55	12.39	10.68	11.54	(8.1%)
6th/[179,180)	10.94	9.38	12.89	12.50	8.20	10.55	8.20	8.20	7.03	12.11	(8.9%)
7th/[180,183)	8.99	11.51	8.63	10.79	8.27	10.79	10.79	9.71	11.15	9.35	(9.6%)
8th/[183,185)	7.80	10.64	9.22	10.28	9.22	10.99	12.41	8.87	9.93	10.64	(9.8%)
9th/[185,189)	9.02	9.40	10.53	11.28	9.40	10.15	8.65	9.02	12.03	10.53	(9.2%)
10th/[189,199)	10.63	9.65	9.84	9.65	10.63	9.25	10.24	10.43	9.84	9.84	(17.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution