Student Growth Percentile Goodness–of–Fit Descriptives
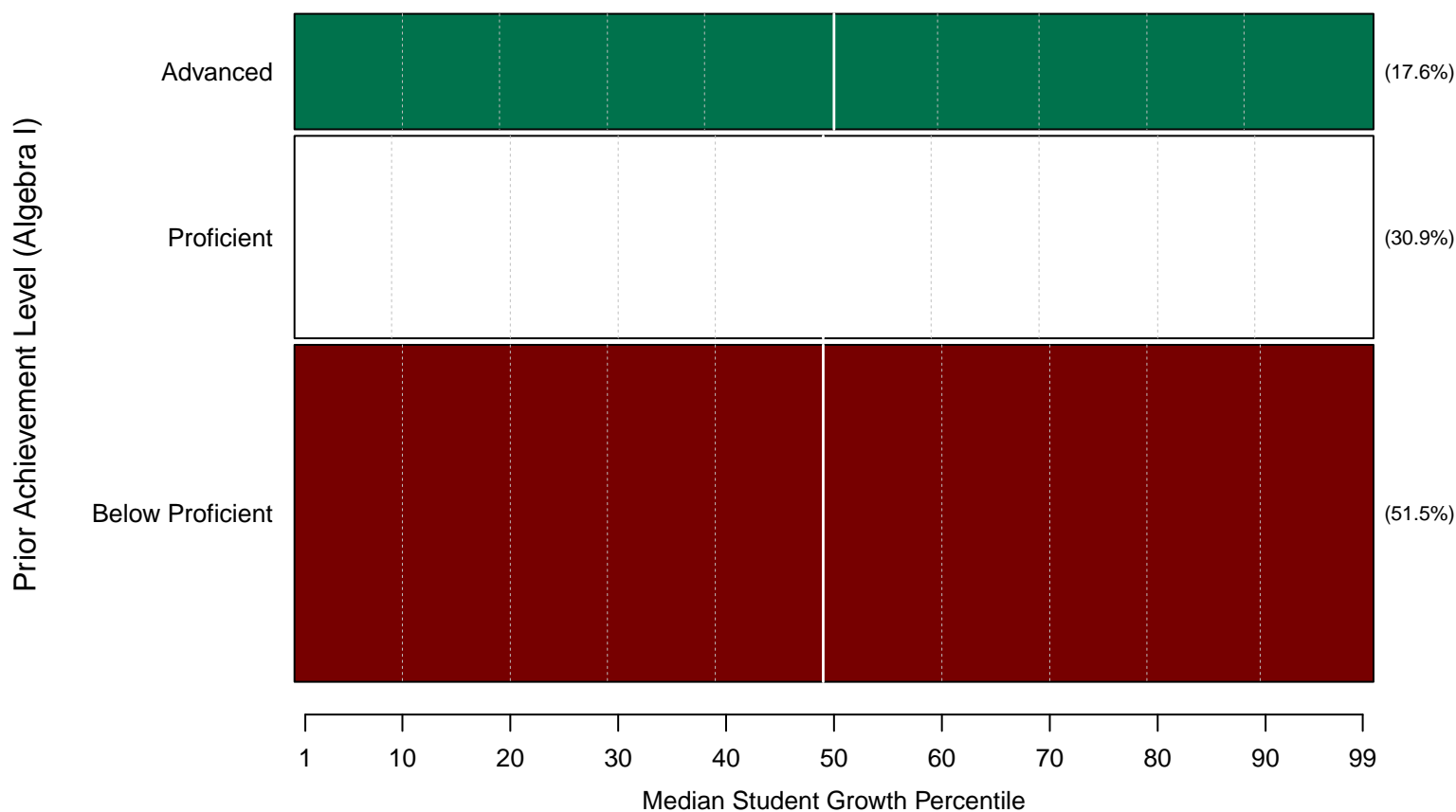## 2013 Geometry SGP, Grade EOCT (N = 8,952)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (17.6%)
- Proficient (30.9%)
- Below Proficient (51.5%)

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/[130,147]	13.51	7.43	9.54	11.15	8.92	8.92	10.16	10.66	10.04	9.67	(9%)
2nd/[147,152]	9.83	9.00	10.25	8.47	11.72	11.40	9.00	9.52	9.73	11.09	(10.7%)
3rd/[152,155]	7.57	12.24	10.18	13.20	6.74	8.39	12.10	11.00	8.39	10.18	(8.1%)
4th/[155,157]	9.12	10.80	14.41	10.08	5.52	12.97	6.84	9.24	10.68	10.32	(9.3%)
5th/[157,159]	9.19	11.38	8.25	5.85	14.30	6.89	11.06	13.05	11.17	8.87	(10.7%)
6th/[159,162]	9.81	9.18	8.76	14.35	8.76	10.23	10.76	6.43	11.81	9.92	(10.6%)
7th/[162,164]	11.99	7.68	10.35	12.81	7.48	11.27	9.02	10.35	9.12	9.94	(10.9%)
8th/[164,167]	10.00	9.66	11.15	10.80	8.39	12.30	6.90	9.54	10.92	10.34	(9.7%)
9th/[167,170]	7.93	13.60	8.82	11.46	10.20	10.20	9.32	10.71	8.56	9.19	(8.9%)
10th/[170,199]	10.16	9.23	10.34	9.23	10.43	9.14	11.82	9.05	10.90	9.70	(12.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution