Student Growth Percentile Goodness–of–Fit Descriptives
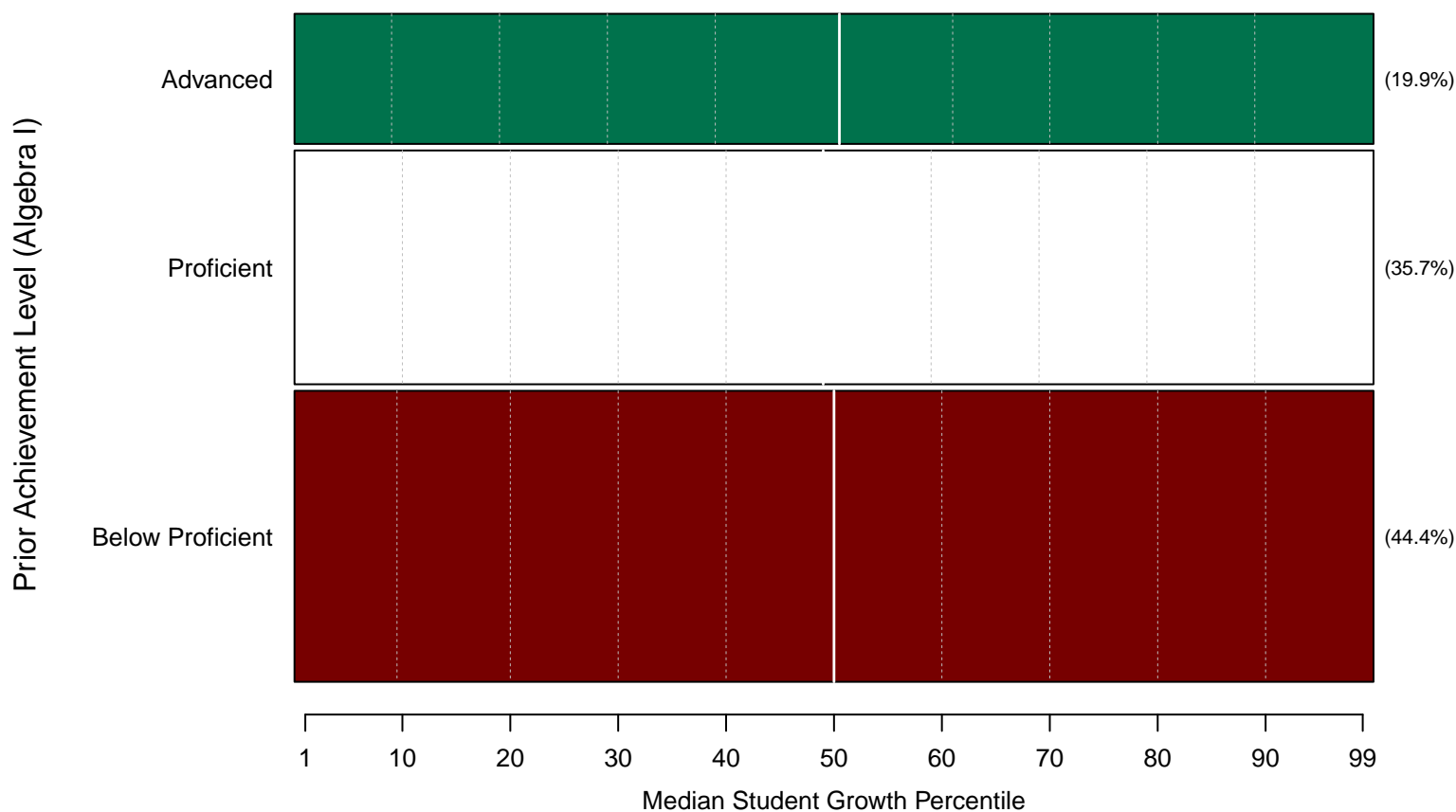## 2013 Geometry SGP, Grade EOCT (N = 3,322)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (19.9%)
- Proficient (35.7%)
- Below Proficient (44.4%)

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/[130,150]	12.30	9.39	9.39	10.03	8.74	11.00	9.39	10.68	9.39	9.71	(9.3%)
2nd/[150,155]	7.43	10.00	11.14	10.86	10.57	8.86	9.43	10.86	10.00	10.86	(10.5%)
3rd/[155,157]	9.29	11.22	9.94	8.33	11.54	11.22	10.26	8.01	9.29	10.90	(9.4%)
4th/[157,158]	10.32	7.94	7.14	7.94	11.90	7.94	13.49	11.90	11.11	10.32	(3.8%)
5th/[158,161]	9.77	9.20	10.92	11.30	7.85	9.39	10.15	9.77	11.30	10.34	(15.7%)
6th/[161,162]	13.33	12.59	5.19	6.67	14.07	9.63	13.33	7.41	8.15	9.63	(4.1%)
7th/[162,165]	9.89	10.81	10.44	10.62	9.34	10.81	8.79	10.44	9.34	9.52	(16.4%)
8th/[165,167]	6.67	7.92	10.42	11.67	12.08	9.58	10.00	9.58	9.58	12.50	(7.2%)
9th/[167,171]	10.90	10.17	9.93	8.23	8.96	9.44	11.86	10.41	10.17	9.93	(12.4%)
10th/[171,199]	10.03	10.03	9.49	11.65	10.03	11.38	8.13	9.76	10.57	8.94	(11.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution