Student Growth Percentile Goodness–of–Fit Descriptives
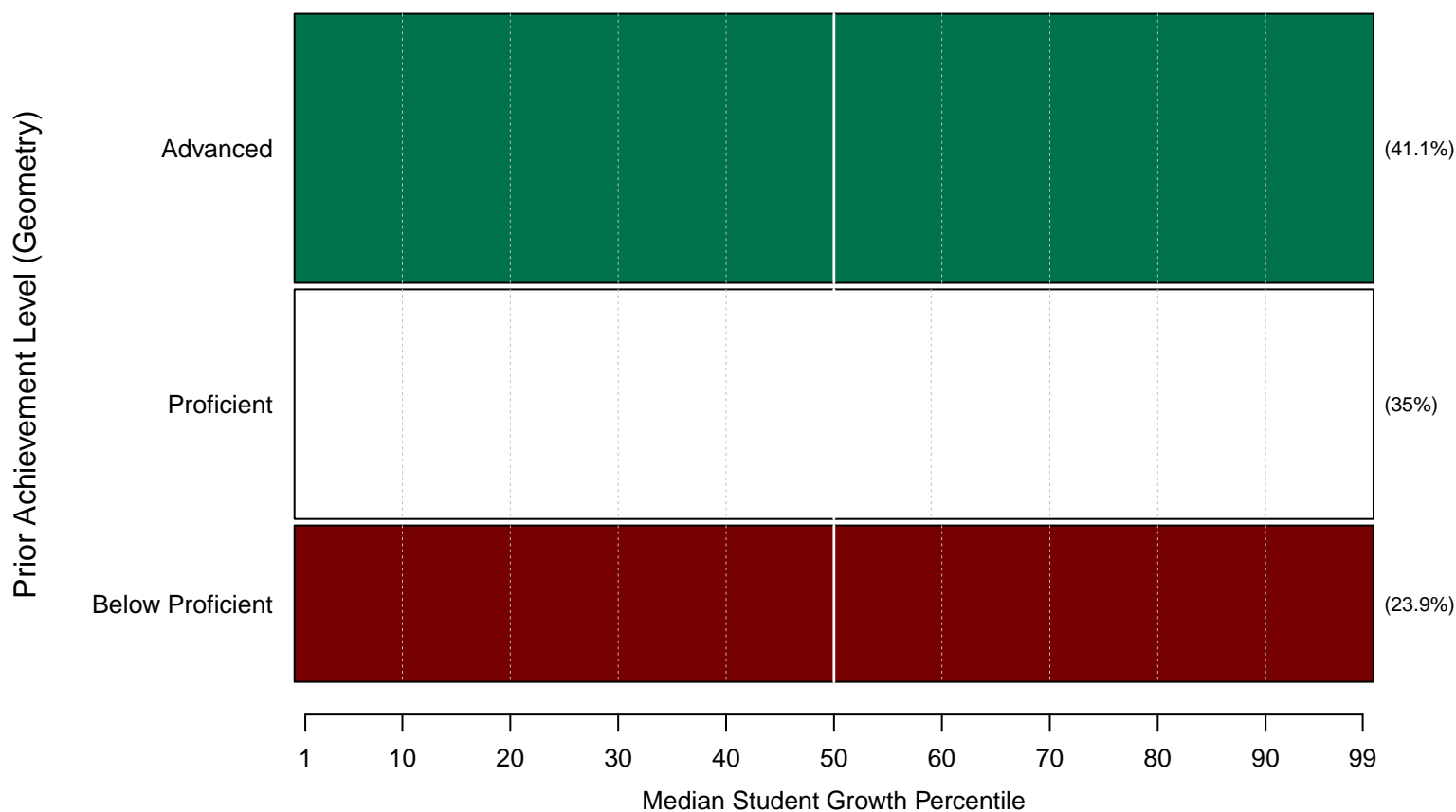## 2013 Algebra II SGP, Grade EOCT (N = 10,879)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

- Advanced (41.1%)
- Proficient (35%)
- Below Proficient (23.9%)

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/[130,155)	10.56	9.35	10.37	9.16	9.81	10.19	9.81	10.00	10.09	10.65	(9.8%)
2nd/[155,158)	8.68	10.30	9.98	11.61	10.41	10.20	10.63	9.65	10.09	8.46	(8.5%)
3rd/[158,161)	8.72	10.82	9.93	9.52	10.09	9.69	9.52	10.17	10.33	11.22	(11.4%)
4th/[161,163)	12.04	8.96	10.08	9.66	9.52	8.82	9.94	10.50	9.66	10.78	(6.6%)
5th/[163,165)	9.51	8.98	10.13	10.31	9.96	10.84	10.84	9.60	9.78	10.04	(10.3%)
6th/[165,168)	9.33	11.42	9.33	9.03	10.52	10.60	8.81	9.70	10.30	10.97	(12.3%)
7th/[168,170)	9.78	9.29	11.36	10.57	9.49	8.70	11.07	9.98	9.68	10.08	(9.3%)
8th/[170,172)	8.84	9.58	9.27	10.33	10.33	10.54	9.69	10.97	10.54	9.90	(8.6%)
9th/[172,178)	9.94	10.30	9.72	10.30	9.65	9.72	10.01	10.38	9.22	10.74	(12.7%)
10th/[178,199]	9.56	9.82	10.09	9.82	10.18	10.26	10.18	9.47	10.35	10.26	(10.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution