Student Growth Percentile Goodness–of–Fit Descriptives
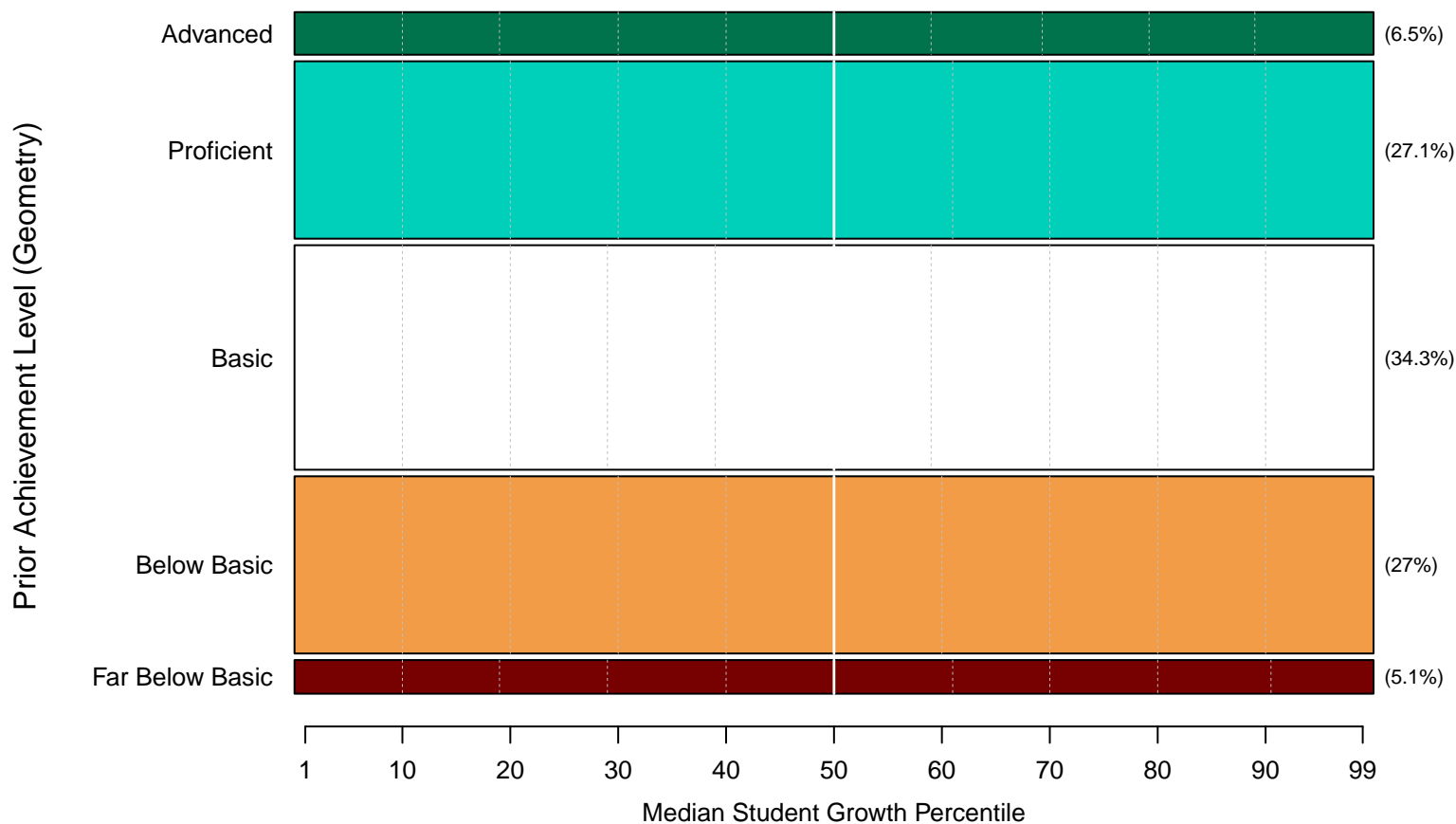## 2013 Algebra II SGP, Grade EOCT (N = 6,148)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

- Advanced (6.5%)
- Proficient (27.1%)
- Basic (34.3%)
- Below Basic (27%)
- Far Below Basic (5.1%)

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/[175,262)	10.41	10.08	9.92	9.75	10.25	10.41	9.59	11.07	8.76	9.75	(9.8%)
2nd/[262,279)	9.95	9.95	10.12	9.59	8.88	9.24	11.55	9.06	11.72	9.95	(9.2%)
3rd/[279,296)	9.57	9.72	9.27	10.31	11.51	9.57	10.01	10.16	8.67	11.21	(10.9%)
4th/[296,308)	8.87	11.49	10.89	9.88	9.48	11.29	8.67	9.27	10.08	10.08	(8.1%)
5th/[308,324)	10.56	7.64	10.28	9.58	10.42	10.00	10.56	10.97	10.97	9.03	(11.7%)
6th/[324,337)	9.74	11.05	10.67	11.80	8.05	9.55	9.18	8.43	8.99	12.55	(8.7%)
7th/[337,355)	8.55	11.06	9.59	9.14	10.32	10.18	10.32	10.47	10.47	9.88	(11%)
8th/[355,370)	9.05	9.88	8.85	9.26	10.08	9.88	10.91	11.52	10.49	10.08	(7.9%)
9th/[370,399)	10.73	10.88	10.88	10.45	9.32	9.60	9.04	8.90	9.32	10.88	(11.5%)
10th/[399,600]	9.29	8.85	9.87	10.30	11.03	10.30	10.16	10.01	10.30	9.87	(11.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution: 0 10 20 30 40 50 60 70 80 90 100