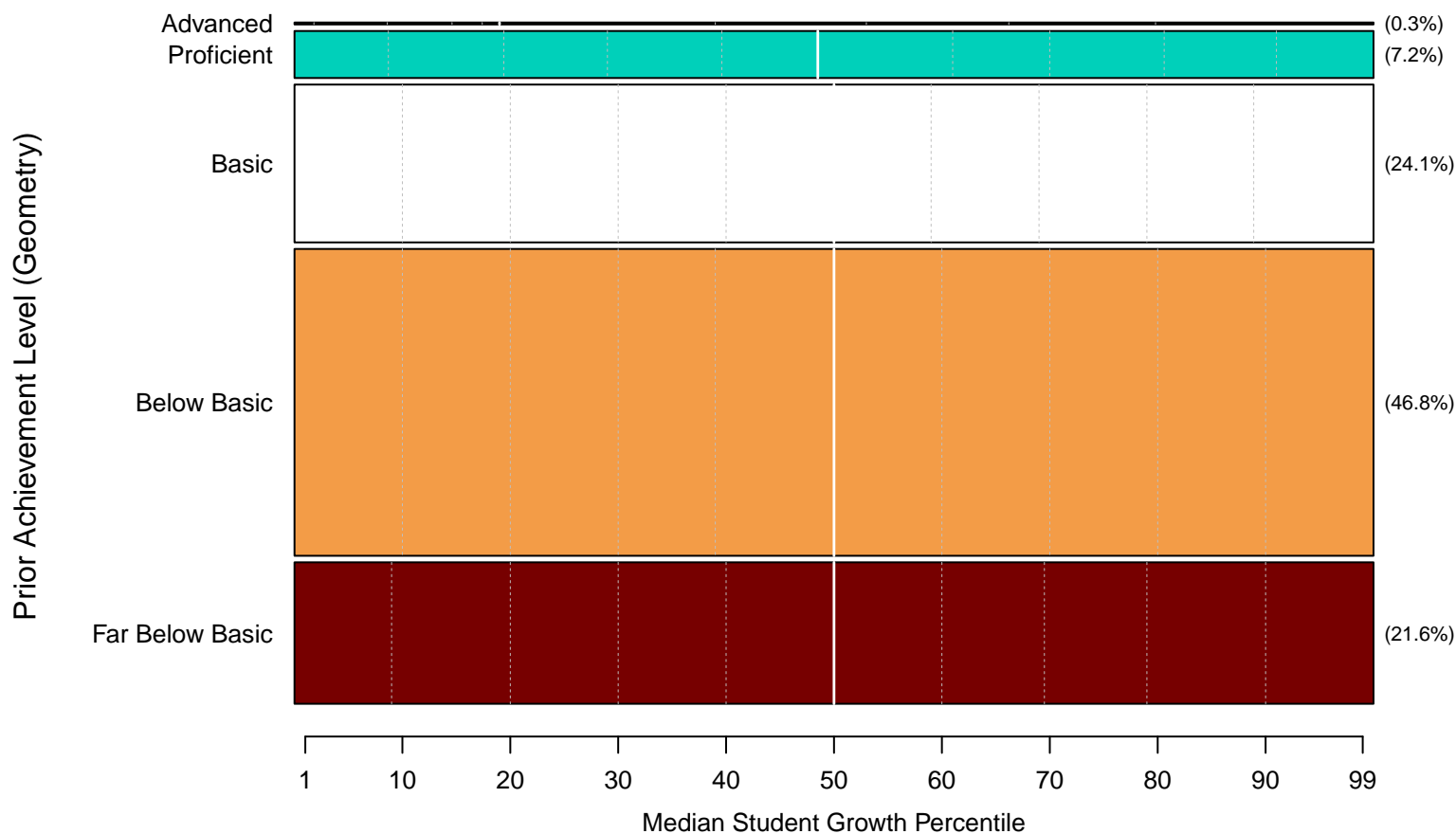# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Algebra II SGP, Grade EOCT (N = 3,038)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry) vs Median Student Growth Percentile

- Advanced (0.3%)
- Proficient (7.2%)
- Basic (24.1%)
- Below Basic (46.8%)
- Far Below Basic (21.6%)

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/[175,234]	10.20	9.52	10.20	12.59	8.50	8.84	11.22	9.52	10.54	8.84	(9.7%)
2nd/[234,244]	9.17	9.61	9.61	9.17	13.97	8.30	7.42	11.35	8.73	12.66	(7.5%)
3rd/[244,253]	11.41	12.17	9.13	6.84	7.98	13.69	10.65	9.51	8.75	9.89	(8.7%)
4th/[253,266]	9.78	9.54	8.56	10.76	10.51	10.27	9.05	9.78	12.22	9.54	(13.5%)
5th/[266,275]	6.02	10.44	11.24	10.44	9.24	10.04	10.84	12.45	10.04	9.24	(8.2%)
6th/[275,287]	12.75	8.50	11.90	9.63	10.48	9.07	9.92	8.50	8.22	11.05	(11.6%)
7th/[287,300]	8.51	9.93	9.57	11.70	8.87	8.16	10.64	10.99	8.51	13.12	(9.3%)
8th/[300,316]	10.61	12.22	9.97	7.07	9.97	12.22	9.32	9.32	11.90	7.40	(10.2%)
9th/[316,337]	7.92	8.91	8.25	11.55	10.56	10.56	10.23	10.89	10.89	10.23	(10%)
10th/[337,498]	11.30	9.86	11.01	9.57	10.43	8.70	10.43	9.57	8.70	10.43	(11.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution vs Empirical SGP Distribution