Student Growth Percentile Goodness–of–Fit Descriptives
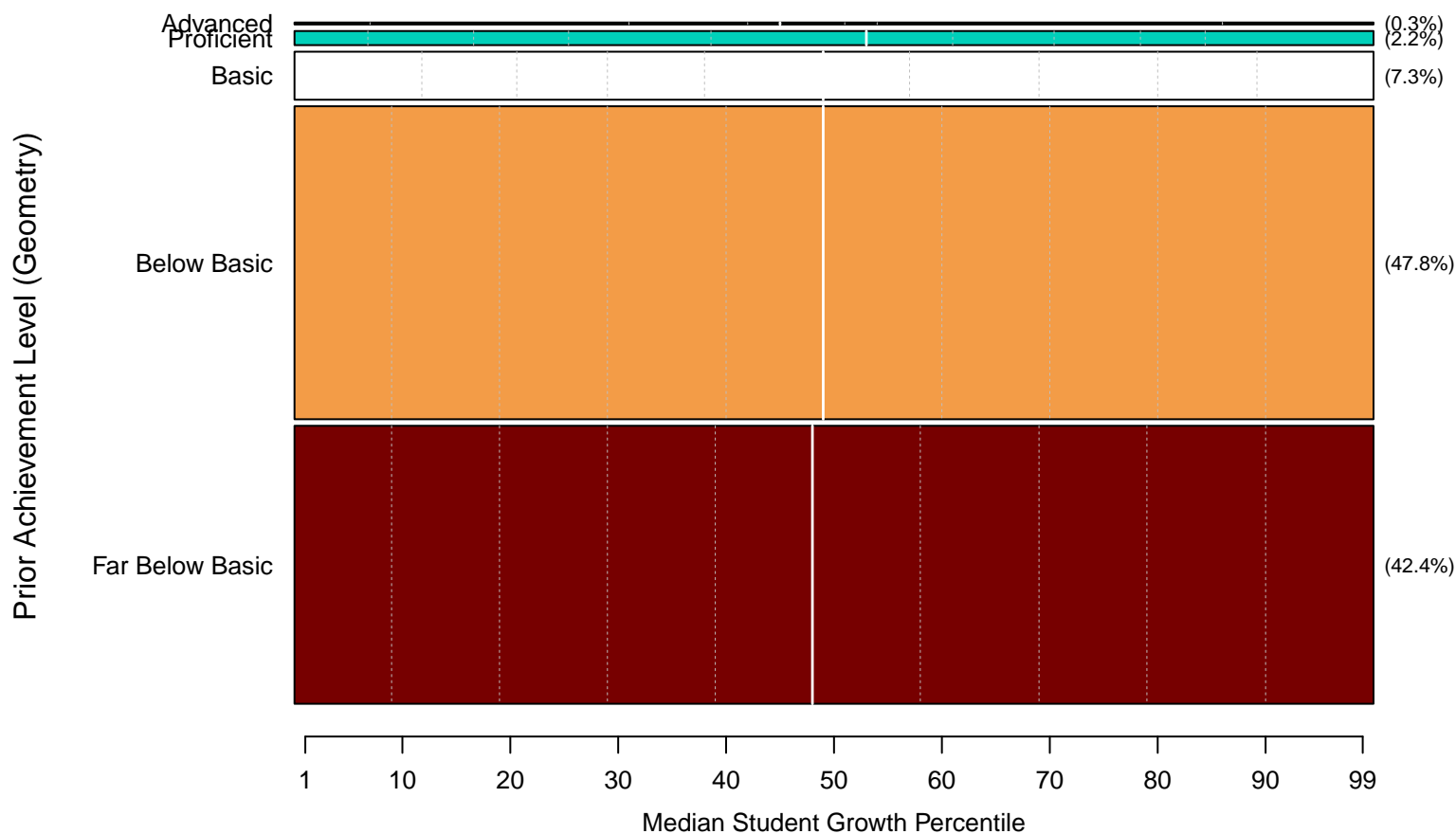
2010 Geometry SGP, Grade EOCT (N = 3,669)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

- Advanced (0.3%)
- Proficient (2.2%)
- Basic (7.3%)
- Below Basic (47.8%)
- Far Below Basic (42.4%)

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/[150,216)	10.50	9.24	13.03	7.98	7.56	11.76	9.66	11.34	10.08	8.82	(6.5%)
2nd/[216,228)	12.34	10.76	7.28	9.18	11.71	7.28	12.66	8.23	9.18	11.39	(8.6%)
3rd/[228,238)	8.71	10.49	11.38	11.16	7.37	8.93	7.81	10.71	11.38	12.05	(12.2%)
4th/[238,243)	13.67	5.40	14.03	8.99	5.40	15.83	8.27	9.71	10.07	8.63	(7.6%)
5th/[243,252)	9.71	12.38	10.48	8.00	13.52	7.24	11.62	10.29	7.62	9.14	(14.3%)
6th/[252,257)	15.02	5.15	12.88	4.29	10.30	9.87	12.02	7.73	12.88	9.87	(6.4%)
7th/[257,266)	9.22	11.65	7.28	14.08	9.71	7.28	10.19	9.71	11.41	9.47	(11.2%)
8th/[266,279)	10.39	8.55	10.16	6.70	11.55	11.78	8.08	11.55	8.55	12.70	(11.8%)
9th/[279,299)	9.81	11.14	9.55	9.55	10.61	10.61	10.34	10.34	8.22	9.81	(10.3%)
10th/[299,498]	9.78	10.27	11.00	11.25	8.31	11.00	8.80	9.29	10.51	9.78	(11.1%)

*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