Student Growth Percentile Goodness–of–Fit Descriptives
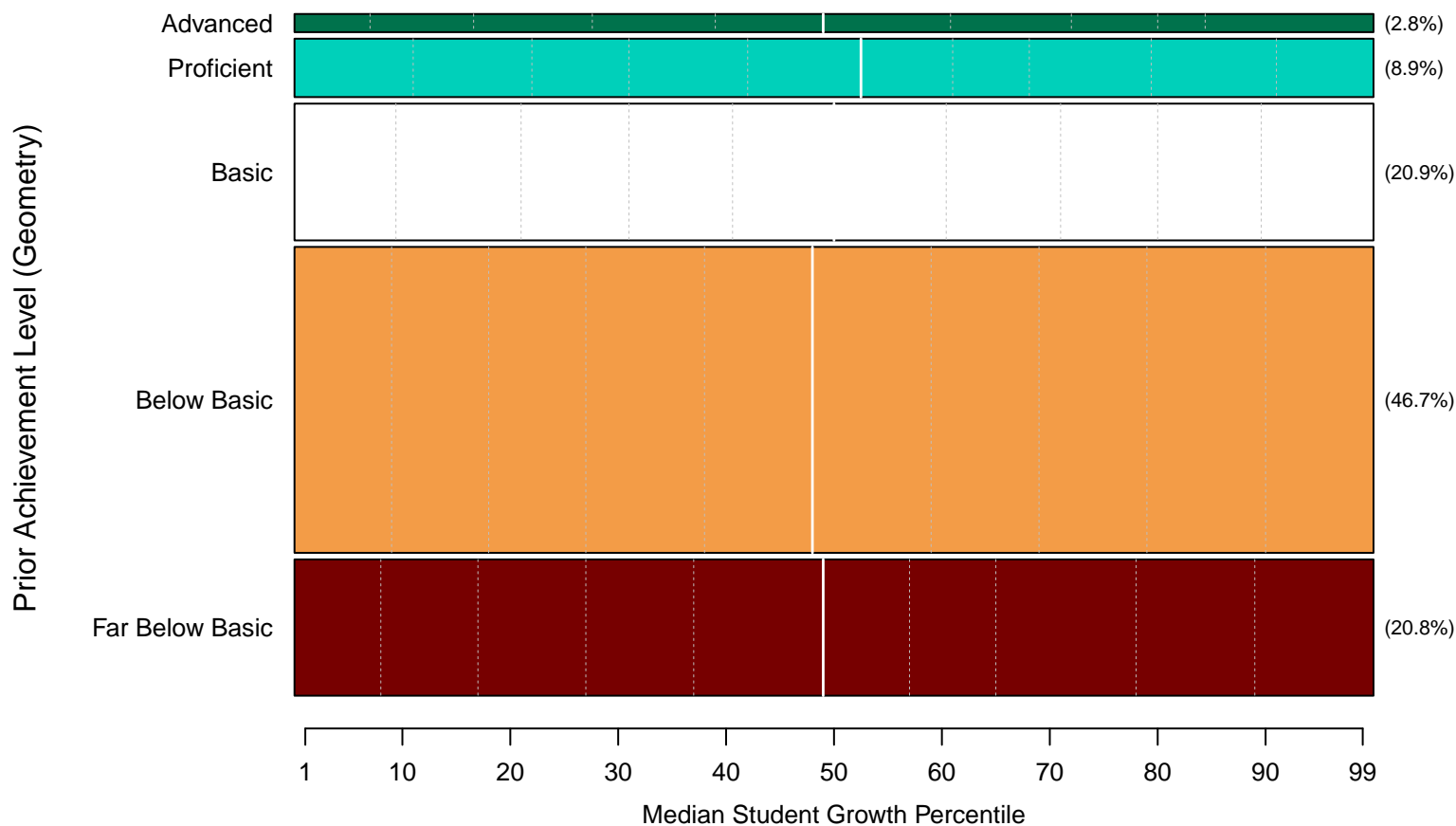
2011 Physics SGP, Grade EOCT (N = 2,852)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry):
- Advanced (2.8%)
- Proficient (8.9%)
- Basic (20.9%)
- Below Basic (46.7%)
- Far Below Basic (20.8%)

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/[184,235)	10.89	12.06	10.12	9.73	8.17	10.12	8.17	7.78	11.67	11.28	(9%)
2nd/[235,245)	11.06	9.22	13.36	5.99	10.60	12.90	10.60	9.68	7.37	9.22	(7.6%)
3rd/[245,259)	11.14	9.81	11.14	10.88	10.08	7.96	10.88	9.55	9.81	8.75	(13.2%)
4th/[259,268)	14.86	8.84	9.64	9.24	10.44	6.83	9.24	12.45	9.64	8.84	(8.7%)
5th/[268,276)	7.98	9.24	13.03	9.24	12.18	10.92	10.50	10.08	6.30	10.50	(8.3%)
6th/[276,289)	10.68	11.87	8.01	10.68	8.01	9.20	13.06	7.72	10.39	10.39	(11.8%)
7th/[289,301)	10.84	10.84	10.84	11.24	10.04	9.64	9.64	6.43	8.03	12.45	(8.7%)
8th/[301,322)	11.11	8.89	9.52	7.30	9.84	11.43	10.48	10.48	11.43	9.52	(11%)
9th/[322,357)	9.06	9.06	10.36	10.68	12.30	9.39	8.09	10.36	10.03	10.68	(10.8%)
10th/[357,600)	9.54	9.54	9.54	9.87	7.57	12.83	11.84	8.88	9.54	10.86	(10.7%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution