Student Growth Percentile Goodness–of–Fit Descriptives
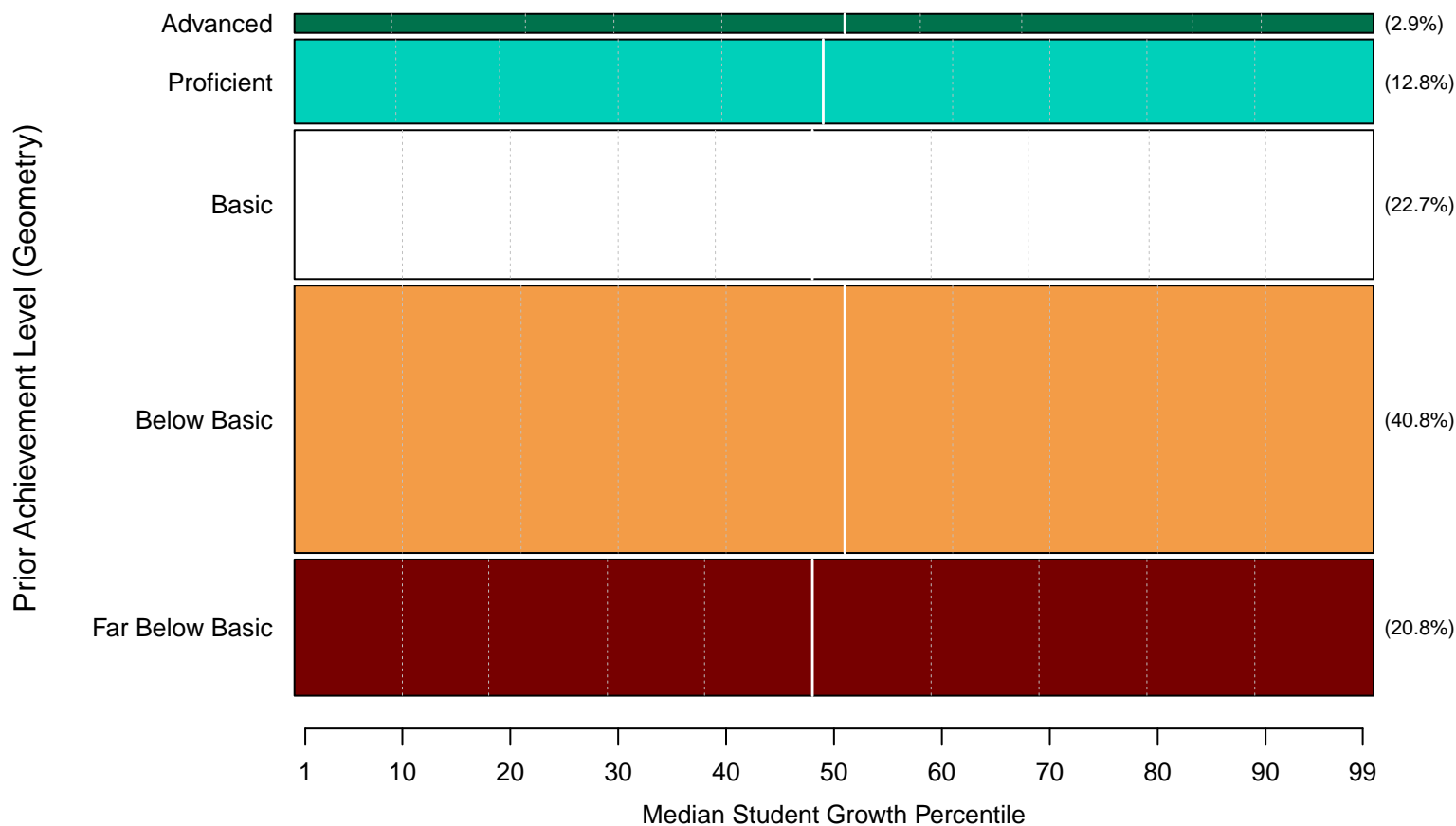
2012 Physics SGP, Grade EOCT (N = 2,531)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry):
- Advanced (2.9%)
- Proficient (12.8%)
- Basic (22.7%)
- Below Basic (40.8%)
- 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/[165,233)	9.69	10.57	8.81	11.45	9.69	9.25	9.69	8.81	12.33	9.69	(9%)
2nd/[233,243)	9.47	11.58	8.42	10.00	8.95	14.21	11.05	11.58	6.84	7.89	(7.5%)
3rd/[243,257)	10.51	9.31	10.81	8.41	12.01	8.11	9.91	8.71	10.51	11.71	(13.2%)
4th/[257,266)	8.07	9.42	13.00	8.07	10.76	10.76	7.62	9.87	10.31	12.11	(8.8%)
5th/[266,279)	10.24	12.60	7.48	11.81	8.27	9.45	11.02	11.81	8.27	9.06	(10%)
6th/[279,296)	10.95	7.66	10.22	9.49	10.22	9.85	9.49	11.68	11.31	9.12	(10.8%)
7th/[296,312)	7.86	11.79	9.17	9.61	10.04	9.17	12.23	9.61	7.42	13.10	(9%)
8th/[312,337)	10.00	9.66	12.41	12.07	9.31	10.69	7.59	8.97	10.00	9.31	(11.5%)
9th/[337,371)	11.21	9.05	7.76	9.91	9.48	12.07	10.34	9.05	10.34	10.78	(9.2%)
10th/[371,524)	8.96	10.75	10.39	9.32	10.04	9.32	9.68	11.83	9.68	10.04	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution