Student Growth Percentile Goodness–of–Fit Descriptives
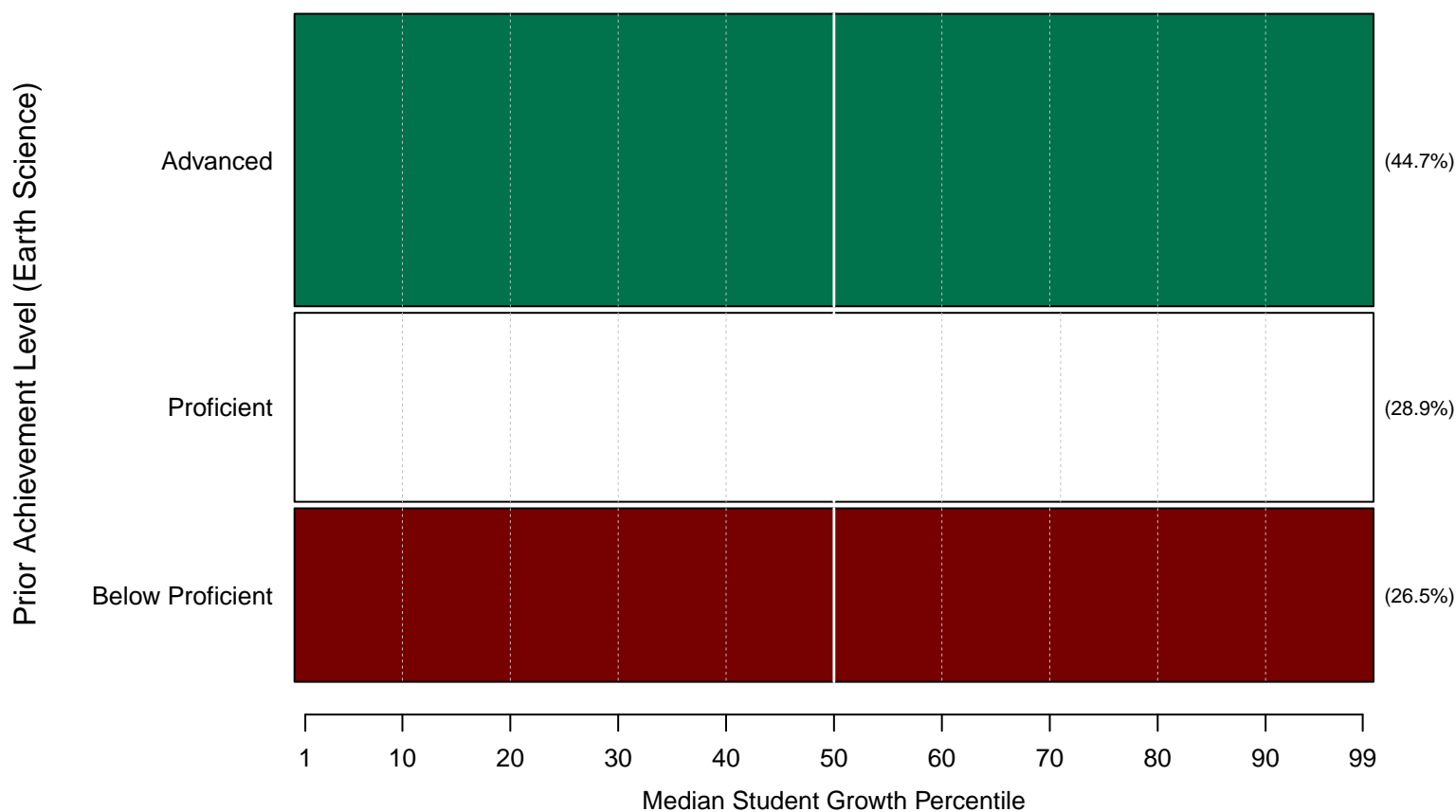
2013 Biology SGP, Grade EOCT (N = 19,691)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Earth Science)

- Advanced — (44.7%)
- Proficient — (28.9%)
- Below Proficient — (26.5%)

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/[130,152)	9.50	10.22	10.03	9.90	9.96	10.03	9.57	10.22	10.22	10.35	(7.7%)
2nd/[152,158)	9.51	9.60	10.19	9.89	9.81	9.94	10.49	10.32	9.68	10.57	(12%)
3rd/[158,160)	9.58	10.72	9.51	10.11	10.49	10.72	10.26	8.08	10.64	9.89	(6.7%)
4th/[160,163)	10.26	9.98	9.75	10.21	10.03	10.03	9.71	10.71	9.34	9.98	(11.1%)
5th/[163,165)	8.63	9.98	10.61	9.67	9.78	8.68	10.14	10.09	10.56	11.86	(9.8%)
6th/[165,168)	9.06	9.62	10.49	10.67	10.49	10.01	9.49	10.19	9.71	10.27	(11.7%)
7th/[168,169)	10.33	10.76	9.26	9.70	9.70	10.64	9.76	9.64	10.01	10.20	(8.1%)
8th/[169,173)	10.62	9.73	9.37	9.45	9.73	10.74	10.74	9.77	9.93	9.93	(12.6%)
9th/[173,176)	8.28	9.59	10.76	10.37	10.24	9.72	9.72	9.59	10.37	11.35	(7.8%)
10th/[176,199]	9.33	10.40	9.95	10.19	9.91	9.70	9.82	10.44	10.07	10.19	(12.4%)

*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