Student Growth Percentile Goodness–of–Fit Descriptives
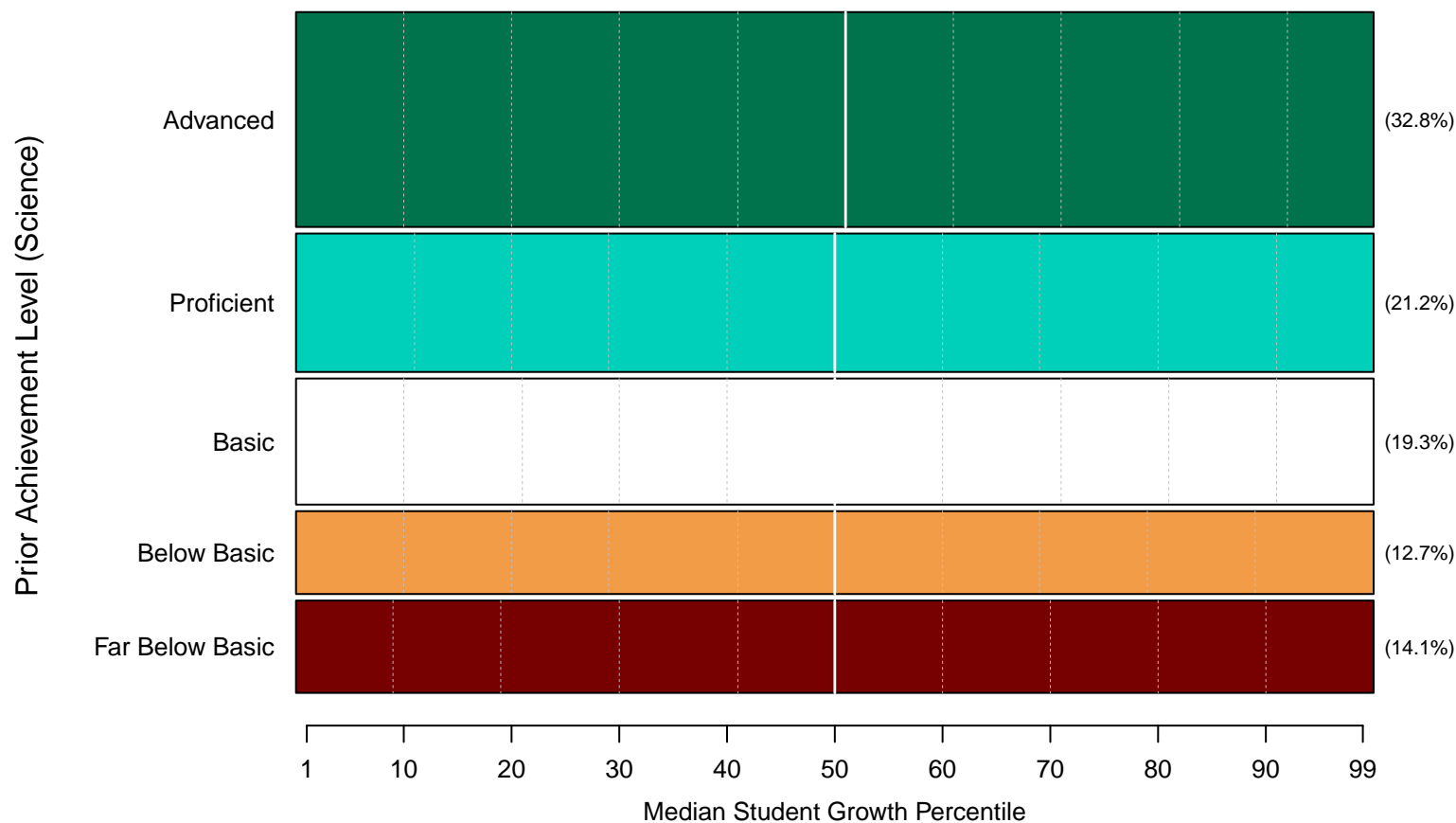
2011 Biology SGP, Grade EOCT (N = 19,929)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

Level	Percentage
Advanced	(32.8%)
Proficient	(21.2%)
Basic	(19.3%)
Below Basic	(12.7%)
Far Below Basic	(14.1%)

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/[150,237]	9.81	10.02	10.18	10.38	9.25	10.64	9.56	10.23	10.59	9.35	(9.7%)
2nd/[237,275]	11.15	9.28	9.71	8.54	10.57	9.45	11.21	9.93	9.61	10.57	(9.4%)
3rd/[275,306]	9.35	10.32	9.81	9.30	10.42	11.08	9.70	10.11	9.19	10.73	(9.8%)
4th/[306,332]	8.53	9.77	11.18	11.39	8.21	9.45	10.26	10.04	10.26	10.91	(9.3%)
5th/[332,359]	8.57	10.47	10.18	9.69	10.61	10.08	8.86	11.83	8.91	10.81	(10.3%)
6th/[359,382]	9.24	10.37	11.78	8.00	9.99	10.86	10.16	8.97	9.67	10.97	(9.3%)
7th/[382,407]	9.88	8.65	12.24	8.65	9.56	9.77	12.84	7.47	9.45	11.49	(9.3%)
8th/[407,447]	9.68	9.72	8.27	11.72	9.37	11.40	7.56	10.27	9.25	12.77	(12.8%)
9th/[447,489]	9.37	8.97	12.01	8.51	9.20	11.90	7.30	9.60	11.72	11.44	(8.7%)
10th/[489,600]	9.69	10.27	9.16	9.87	8.18	11.29	10.80	7.82	10.04	12.89	(11.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution