Student Growth Percentile Goodness–of–Fit Descriptives
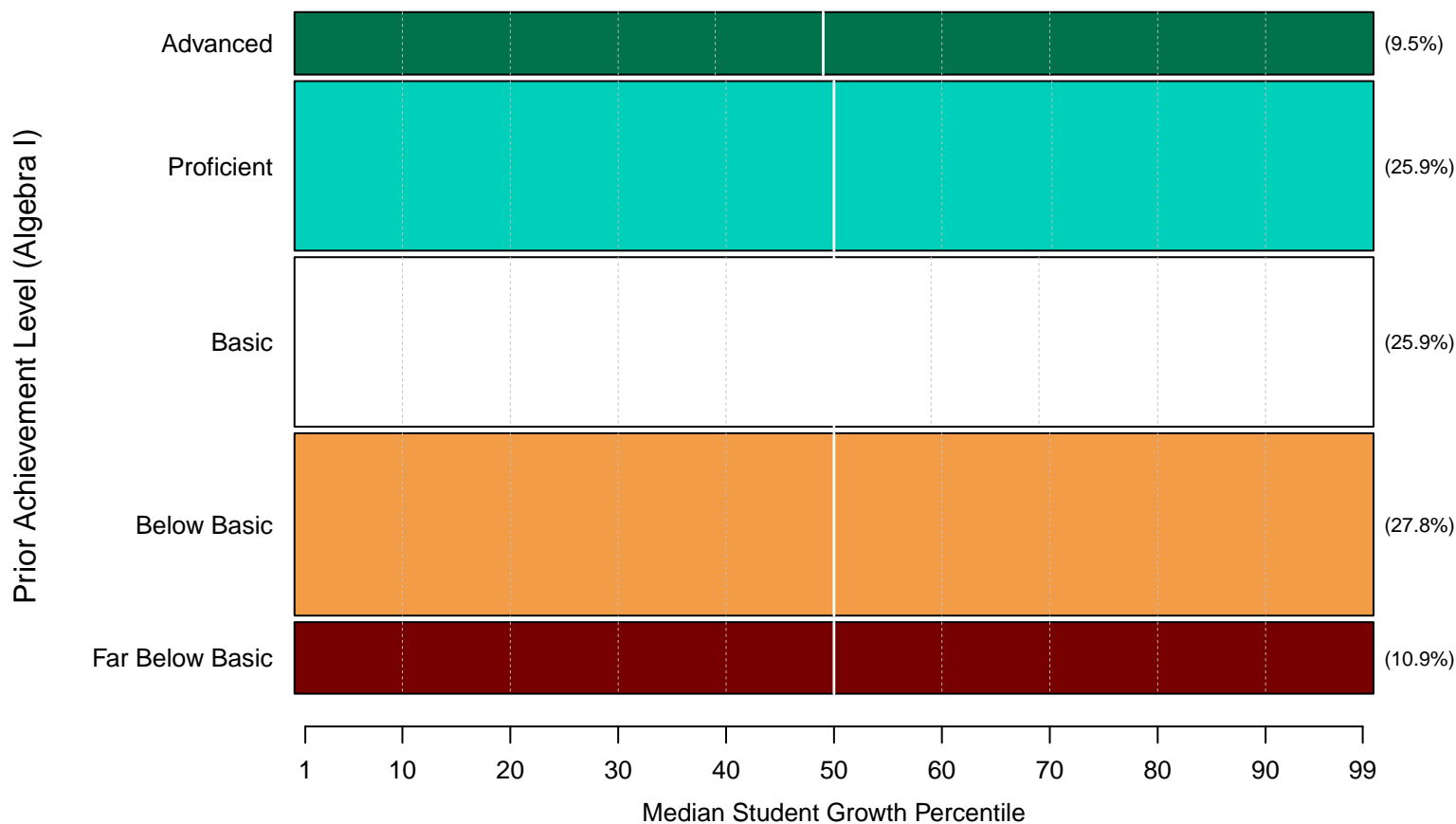
2012 Biology SGP, Grade EOCT (N = 13,829)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Advanced	(9.5%)
Proficient	(25.9%)
Basic	(25.9%)
Below Basic	(27.8%)
Far Below Basic	(10.9%)

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/[152,252)	9.42	9.77	9.59	10.54	9.59	10.20	9.68	10.46	10.11	10.63	(8.4%)
2nd/[252,269)	9.89	10.32	10.32	8.93	11.45	9.80	9.54	10.06	9.45	10.23	(8.3%)
3rd/[269,289)	9.55	9.78	9.78	10.57	9.44	10.01	10.74	9.78	10.40	9.95	(12.8%)
4th/[289,304)	9.30	10.71	10.32	9.07	10.01	8.99	10.24	9.70	10.01	11.65	(9.2%)
5th/[304,323)	9.26	9.59	10.12	9.79	10.25	11.10	9.26	10.97	9.72	9.92	(11%)
6th/[323,337)	9.32	9.96	9.51	11.97	9.96	9.96	10.42	8.23	10.15	10.51	(7.9%)
7th/[337,361)	10.43	10.11	10.17	9.28	9.60	9.60	10.36	9.72	9.92	10.81	(11.3%)
8th/[361,387)	9.07	9.84	9.70	9.63	10.62	9.99	8.29	12.04	10.20	10.62	(10.2%)
9th/[387,423)	9.85	10.87	9.48	9.85	9.11	10.58	11.24	9.11	9.99	9.92	(9.8%)
10th/[423,600]	9.55	9.68	10.60	10.53	10.47	9.55	9.81	9.81	9.61	10.40	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution