Student Growth Percentile Goodness–of–Fit Descriptives
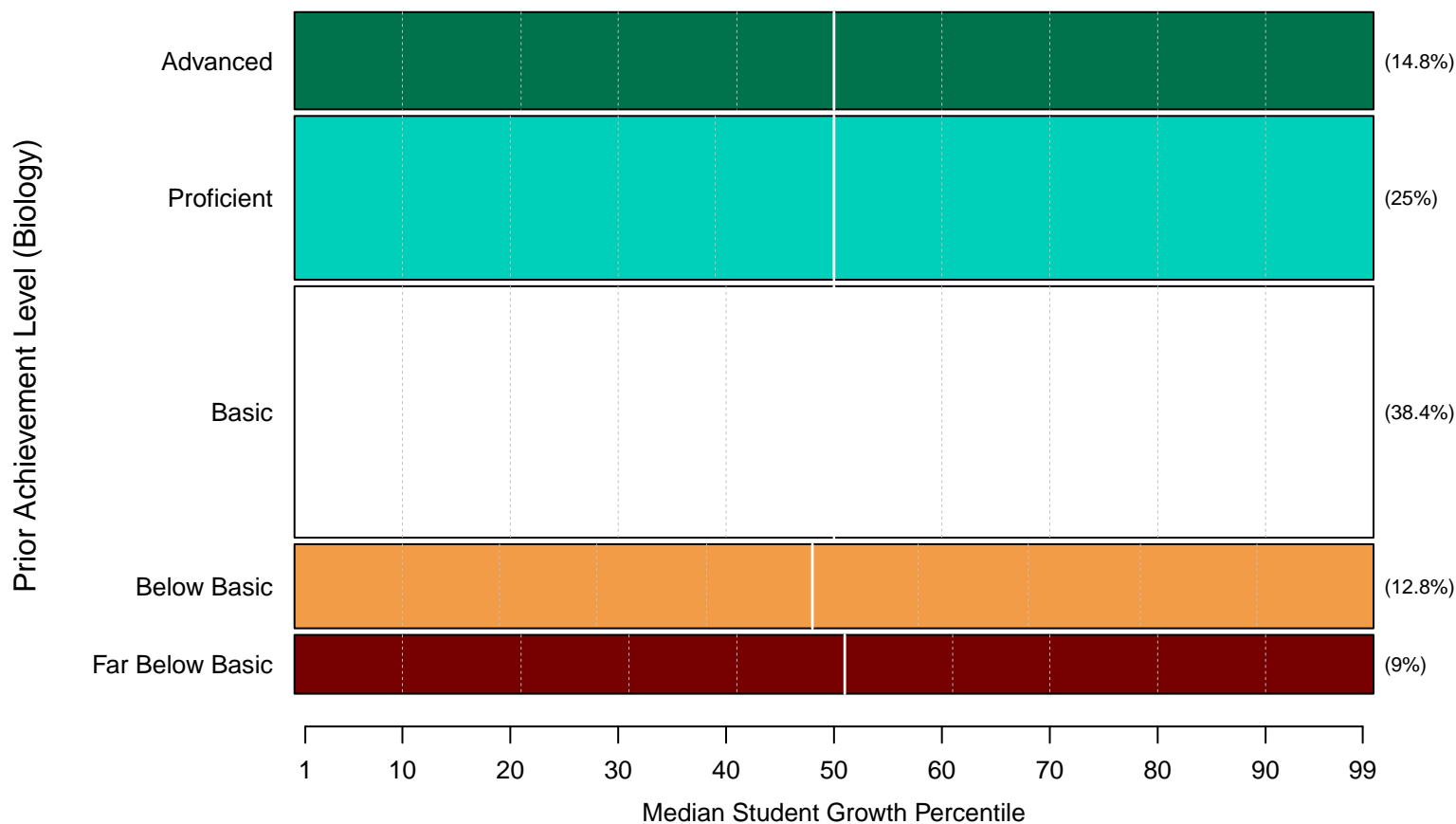
2011 Chemistry SGP, Grade EOCT (N = 9,727)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Level	Percentage
Advanced	(14.8%)
Proficient	(25%)
Basic	(38.4%)
Below Basic	(12.8%)
Far Below Basic	(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/[207,278)	9.51	9.28	9.51	10.19	10.31	9.97	10.42	10.31	10.31	10.19	(9%)
2nd/[278,297)	9.62	10.92	10.02	9.82	10.12	10.42	9.42	9.92	9.22	10.52	(10.3%)
3rd/[297,311)	9.25	9.56	11.20	10.07	10.07	9.15	10.17	9.25	10.48	10.79	(10%)
4th/[311,326)	10.22	10.52	8.13	9.82	9.23	9.82	10.52	10.91	10.42	10.42	(10.4%)
5th/[326,337)	8.43	9.56	11.70	10.94	9.94	12.08	8.81	9.94	8.93	9.69	(8.2%)
6th/[337,349)	10.07	10.18	9.29	9.73	10.73	9.29	10.84	9.07	9.96	10.84	(9.3%)
7th/[349,365)	9.65	10.00	10.87	9.57	9.83	9.48	9.48	10.17	9.83	11.13	(11.8%)
8th/[365,379)	8.73	10.14	9.43	10.26	9.20	10.61	11.67	9.91	11.08	8.96	(8.7%)
9th/[379,407)	10.27	10.01	8.71	10.70	10.61	9.66	9.23	10.18	9.84	10.79	(11.9%)
10th/[407,600]	9.62	10.01	11.29	9.52	9.52	10.70	9.42	10.21	9.52	10.21	(10.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution