Student Growth Percentile Goodness−of−Fit Descriptives
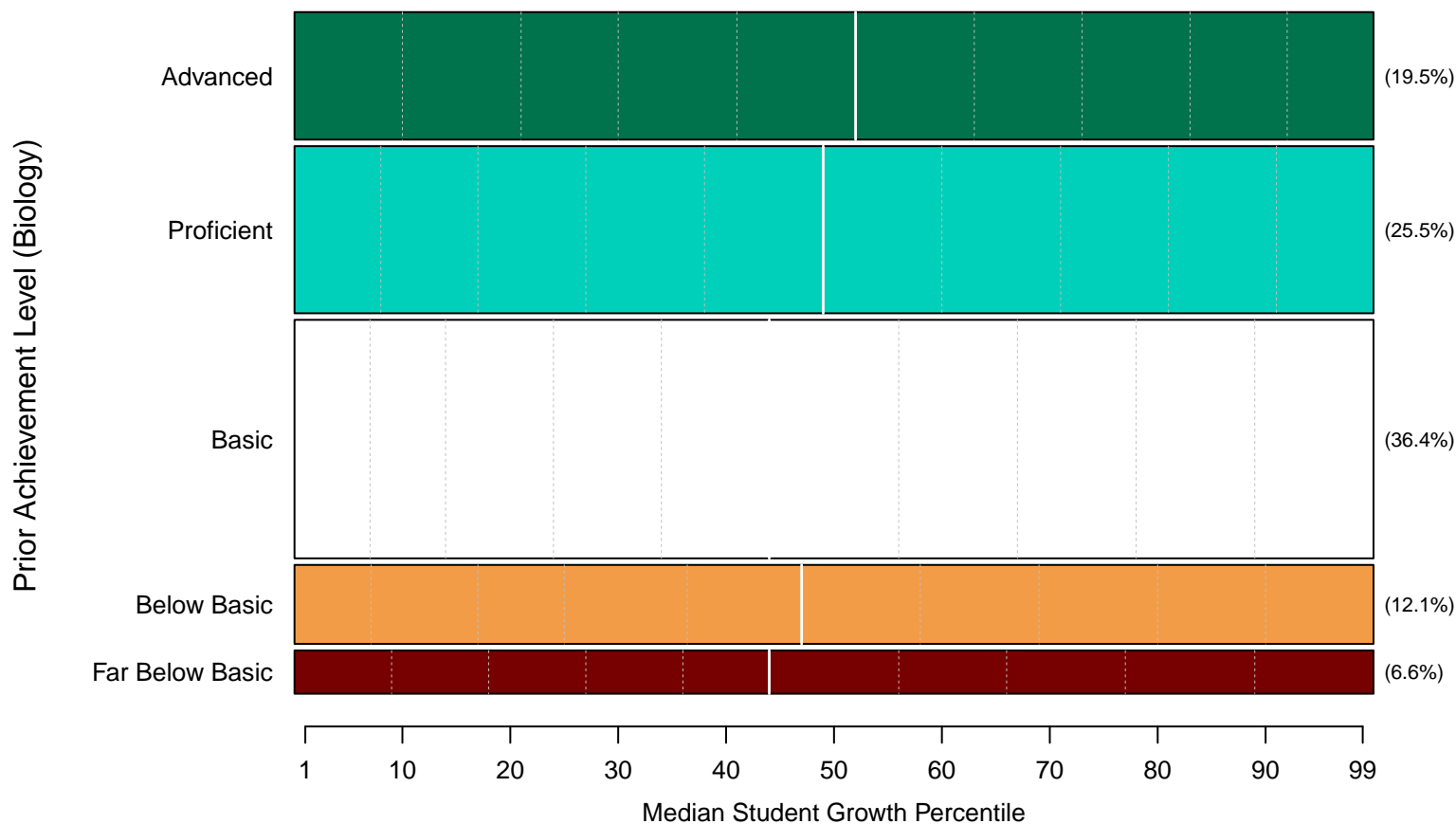
2012 Chemistry SGP, Grade EOCT (N = 8,642)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

Level		
Advanced		(19.5%)
Proficient		(25.5%)
Basic		(36.4%)
Below Basic		(12.1%)
Far Below Basic		(6.6%)

Median Student Growth Percentile: 1 10 20 30 40 50 60 70 80 90 99

Student Growth Percentile Range

Prior Scale Score Decile/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/[196,284)	10.82	11.53	10.47	10.82	10.24	9.06	8.82	9.76	8.82	9.65	(9.8%)
2nd/[284,303)	12.72	11.31	10.01	9.19	10.72	8.13	9.54	8.48	9.31	10.60	(9.8%)
3rd/[303,318)	14.74	13.22	7.93	10.96	7.56	9.57	8.69	8.82	8.31	10.20	(9.2%)
4th/[318,331)	13.57	12.06	10.56	9.98	8.58	8.47	10.21	8.58	9.16	8.82	(10%)
5th/[331,345)	12.92	10.21	8.90	10.31	10.21	8.69	8.90	9.23	9.66	10.97	(10.7%)
6th/[345,359)	13.01	11.58	10.14	10.14	8.82	9.04	7.94	9.59	9.26	10.47	(10.5%)
7th/[359,374)	10.93	11.81	9.17	8.67	10.80	8.17	8.04	9.67	10.43	12.31	(9.2%)
8th/[374,392)	11.71	11.11	10.14	7.85	9.54	9.30	8.94	8.70	11.23	11.47	(9.6%)
9th/[392,422)	10.40	9.48	11.56	9.60	9.36	8.09	9.60	9.48	11.21	11.21	(10%)
10th/[422,600]	9.59	9.18	8.87	9.07	9.69	9.90	9.90	9.59	11.65	12.58	(11.2%)

*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