Student Growth Percentile Goodness–of–Fit Descriptives
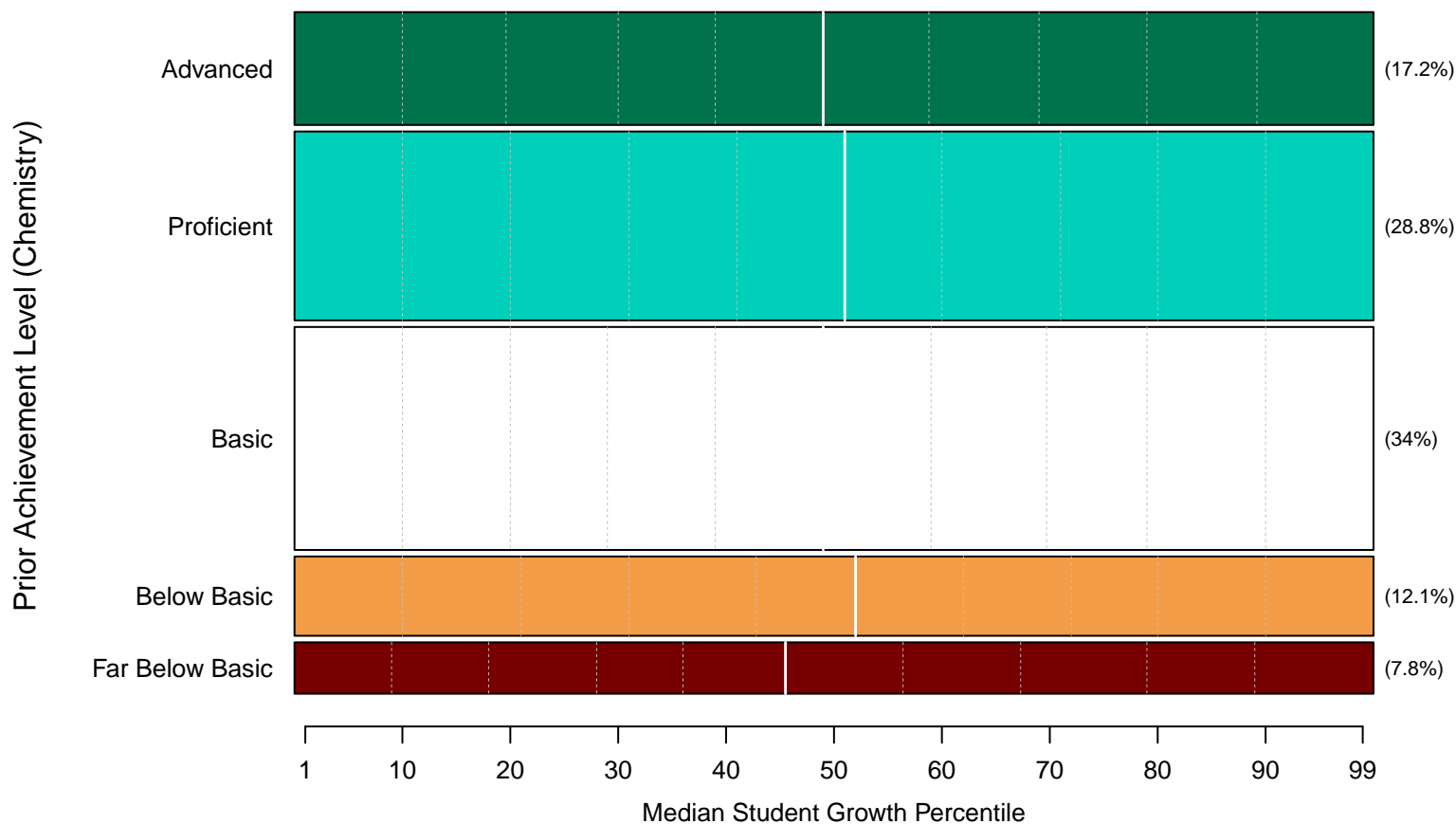
2012 Biology SGP, Grade EOCT (N = 3,827)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Chemistry)

- Advanced (17.2%)
- Proficient (28.8%)
- Basic (34%)
- Below Basic (12.1%)
- Far Below Basic (7.8%)

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/[202,280)	10.67	10.11	10.67	10.67	8.99	9.55	8.99	9.55	10.11	10.67	(9.3%)
2nd/[280,302)	10.57	8.85	8.85	8.85	13.02	8.85	10.57	11.06	9.83	9.58	(10.6%)
3rd/[302,316)	10.00	10.86	11.43	10.00	8.29	12.00	8.86	9.14	9.43	10.00	(9.1%)
4th/[316,331)	7.80	9.14	8.60	12.37	9.68	9.41	10.22	9.68	10.22	12.90	(9.7%)
5th/[331,345)	10.26	9.38	9.68	9.97	9.97	9.68	10.56	12.02	10.26	8.21	(8.9%)
6th/[345,359)	10.12	9.88	10.86	9.88	9.88	8.89	8.15	8.89	11.85	11.60	(10.6%)
7th/[359,374)	9.34	11.55	7.86	7.13	11.79	11.79	12.29	8.85	9.34	10.07	(10.6%)
8th/[374,392)	10.07	7.37	12.53	11.30	8.85	11.30	9.58	11.06	8.35	9.58	(10.6%)
9th/[392,414)	8.53	12.35	11.47	12.35	7.35	7.65	11.18	7.35	11.47	10.29	(8.9%)
10th/[414,600]	9.95	10.41	9.05	10.18	9.73	11.76	8.82	10.63	9.05	10.41	(11.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution