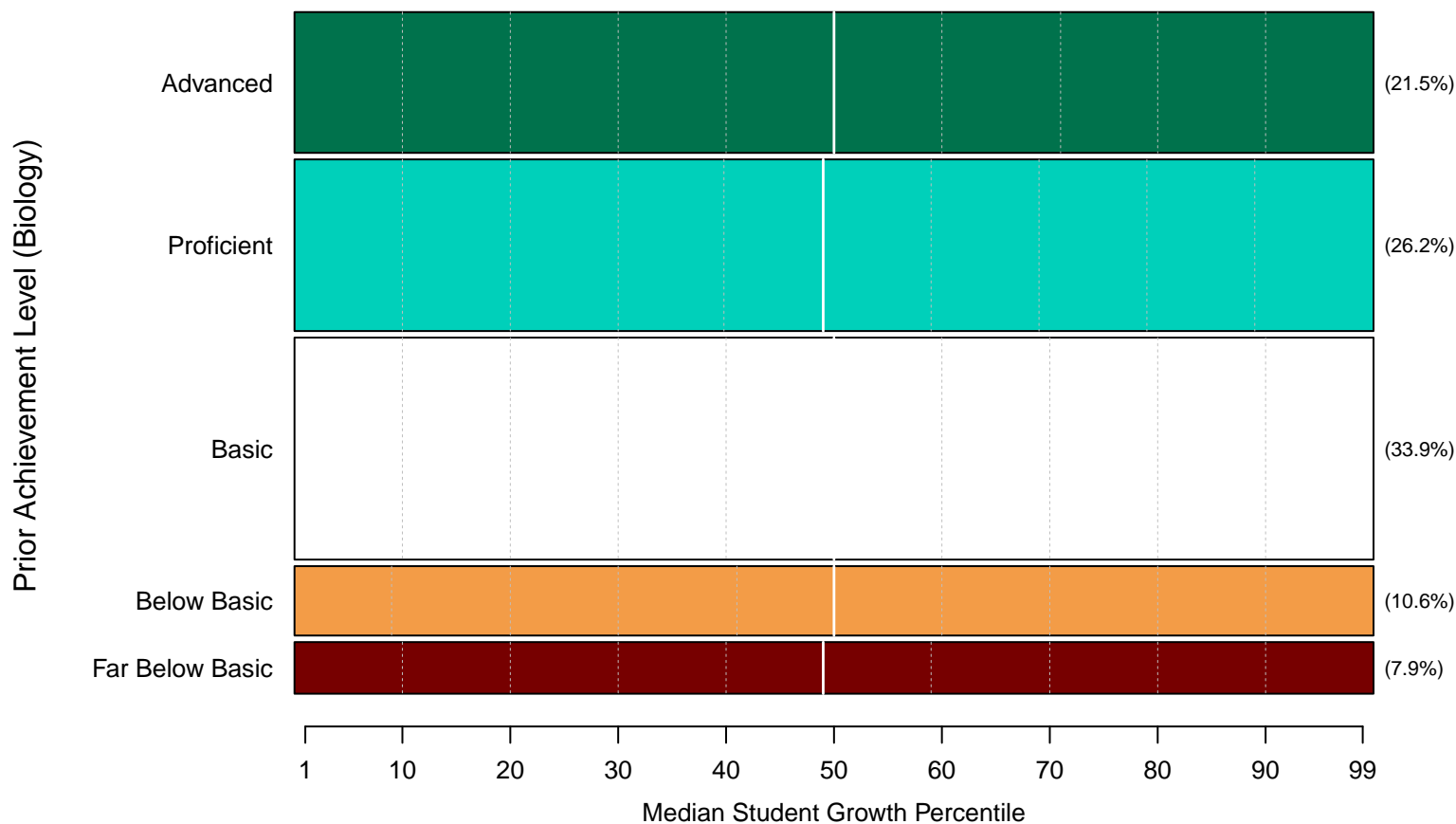# Student Growth Percentile Goodness−of−Fit Descriptives
2013 Chemistry SGP, Grade EOCT (N = 25,711)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

- Advanced (21.5%)
- Proficient (26.2%)
- Basic (33.9%)
- Below Basic (10.6%)
- Far Below Basic (7.9%)

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/[198,281)	9.89	11.08	9.15	10.18	9.52	10.30	9.93	9.77	9.77	10.42	(9.4%)
2nd/[281,300)	10.00	8.62	10.47	10.22	10.04	9.40	10.47	10.30	9.78	10.69	(9%)
3rd/[300,318)	9.40	9.97	10.80	10.66	10.01	10.08	10.08	9.04	9.90	10.08	(10.8%)
4th/[318,332)	9.61	10.46	9.65	9.57	9.69	10.09	9.57	11.30	9.77	10.29	(9.6%)
5th/[332,347)	9.62	10.35	8.88	10.10	9.40	9.99	9.87	9.06	11.24	11.50	(10.6%)
6th/[347,360)	9.68	9.86	11.39	9.86	10.82	9.02	10.99	10.21	8.89	9.29	(8.9%)
7th/[360,378)	9.70	8.80	9.66	9.97	10.01	10.42	10.87	9.56	10.45	10.56	(11.3%)
8th/[378,395)	10.17	10.56	10.25	10.17	10.08	10.34	8.94	9.51	10.43	9.55	(8.9%)
9th/[395,422)	8.91	10.92	10.19	9.10	10.12	10.19	10.12	11.00	8.55	10.89	(10.6%)
10th/[422,600]	9.73	9.52	9.73	10.56	9.69	9.95	10.27	9.30	10.99	10.27	(10.8%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution