Student Growth Percentile Goodness–of–Fit Descriptives
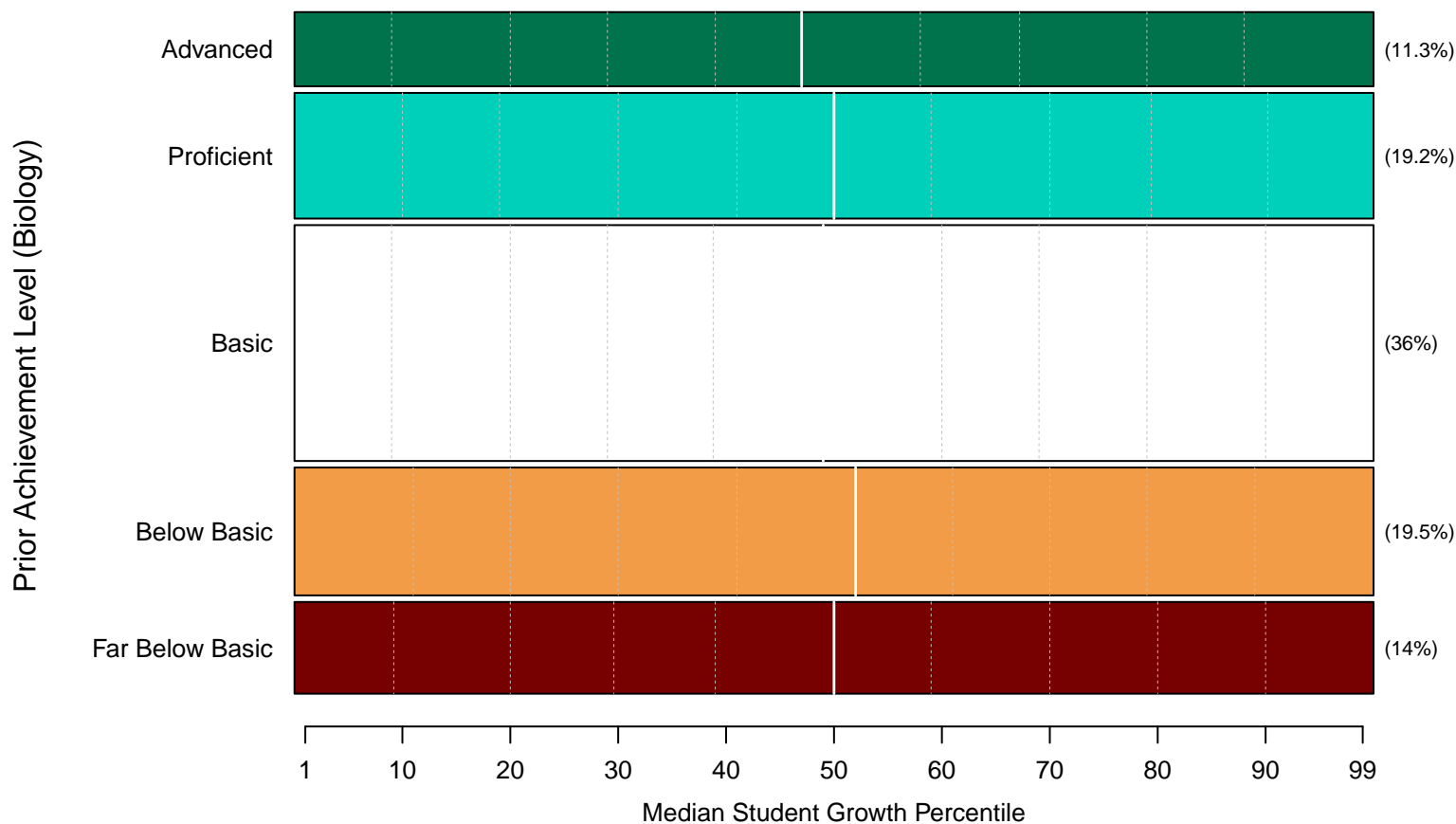
2012 Life Science SGP, Grade EOCT (N = 3,593)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Biology)

- Advanced (11.3%)
- Proficient (19.2%)
- Basic (36%)
- Below Basic (19.5%)
- Far Below Basic (14%)

Median Student Growth Percentile

(x-axis: 1, 10, 20, 30, 40, 50, 60, 70, 80, 90, 99)

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/[202,268)	11.18	9.37	9.97	10.57	9.97	10.88	8.46	9.37	9.37	10.88	(9.2%)
2nd/[268,284)	7.99	9.09	11.85	9.92	9.64	11.29	9.92	11.85	8.54	9.92	(10.1%)
3rd/[284,296)	12.08	10.74	9.40	9.06	8.39	8.39	10.40	8.72	12.75	10.07	(8.3%)
4th/[296,310)	10.53	9.52	7.77	9.77	11.78	10.53	10.03	11.03	8.52	10.53	(11.1%)
5th/[310,321)	10.54	10.54	11.18	9.58	8.95	9.90	9.27	9.27	9.27	11.50	(8.7%)
6th/[321,336)	8.17	7.92	12.62	11.14	11.14	10.15	9.41	9.65	9.90	9.90	(11.2%)
7th/[336,352)	10.80	10.28	9.51	10.28	7.46	8.48	13.62	9.51	9.51	10.54	(10.8%)
8th/[352,369)	9.37	9.37	7.85	12.39	13.60	9.67	7.55	9.67	10.57	9.97	(9.2%)
9th/[369,398)	9.63	11.36	9.38	8.89	8.89	10.37	9.38	11.36	10.12	10.62	(11.3%)
10th/[398,600]	11.11	8.89	11.67	11.39	8.06	11.67	9.17	10.00	9.17	8.89	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

(x-axis: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100)

Empirical SGP Distribution

(y-axis: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100)