Student Growth Percentile Goodness–of–Fit Descriptives
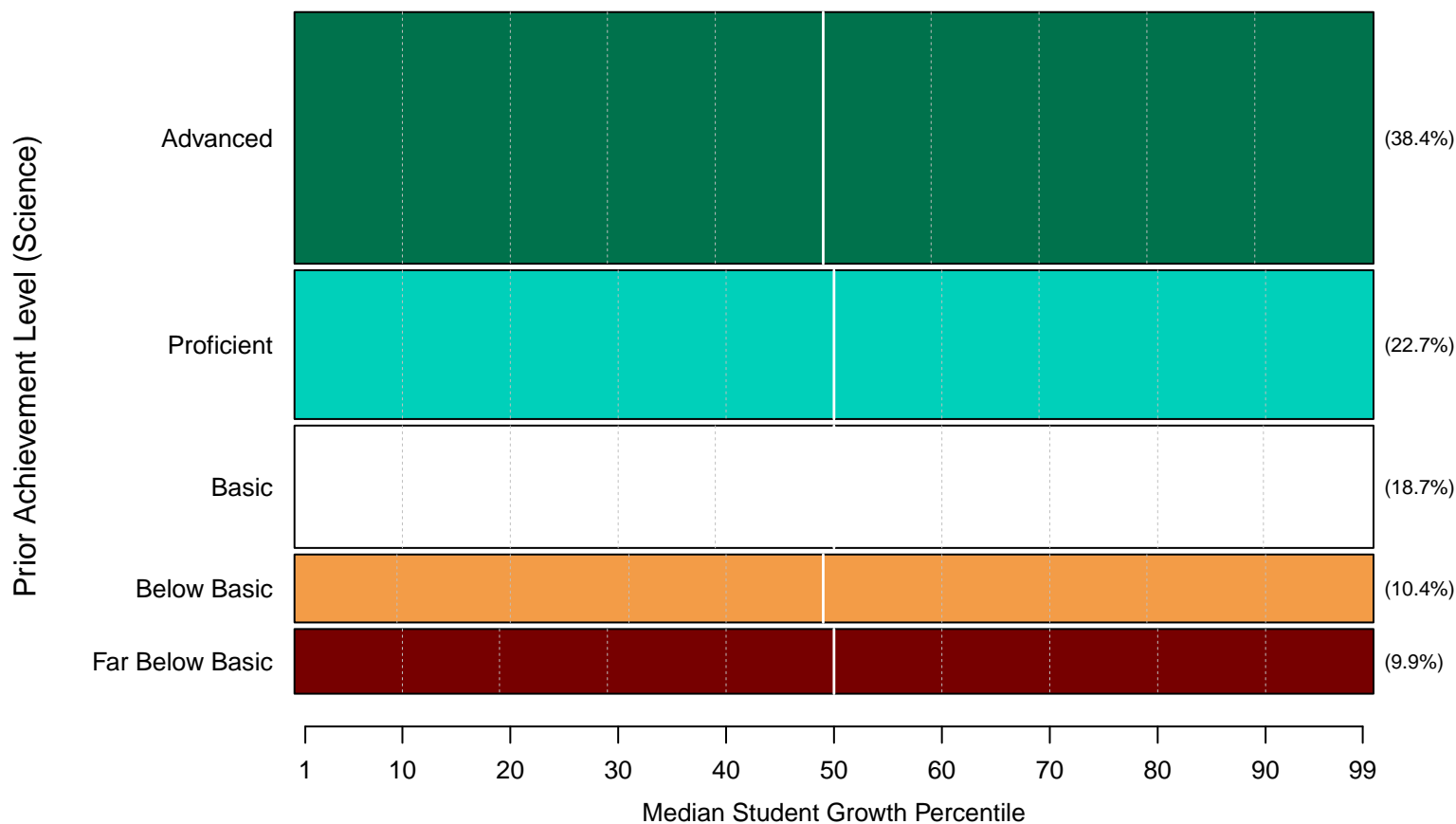
2013 Biology SGP, Grade EOCT (N = 21,175)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science)

Level	Percent
Advanced	(38.4%)
Proficient	(22.7%)
Basic	(18.7%)
Below Basic	(10.4%)
Far Below Basic	(9.9%)

Median Student Growth Percentile: 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/[150,258)	9.62	10.81	10.48	8.42	10.38	10.00	9.62	10.05	10.10	10.53	(9.9%)
2nd/[258,296)	9.83	10.21	8.75	11.46	10.43	9.23	10.37	9.78	9.56	10.37	(8.7%)
3rd/[296,328)	10.46	9.39	10.56	9.39	9.29	11.36	9.48	10.18	9.62	10.28	(10.1%)
4th/[328,355)	8.94	10.41	9.72	11.42	9.13	8.85	10.50	9.95	10.92	10.14	(10.3%)
5th/[355,378)	9.85	11.83	9.15	10.33	11.67	9.48	8.78	9.58	9.69	9.64	(8.8%)
6th/[378,402)	10.18	9.02	9.81	9.16	9.85	9.99	11.79	9.07	9.67	11.47	(10.2%)
7th/[402,430)	8.30	9.46	10.28	11.26	7.61	14.49	8.77	9.89	9.46	10.49	(11%)
8th/[430,464)	11.08	10.22	11.04	8.33	11.68	6.70	9.36	13.87	8.63	9.06	(11%)
9th/[464,511)	9.26	10.68	9.02	12.19	9.16	10.16	11.05	7.56	10.25	10.68	(10%)
10th/[511,600]	10.04	9.52	10.98	9.24	10.51	9.33	10.93	9.10	10.83	9.52	(10.1%)

*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