Student Growth Percentile Goodness–of–Fit Descriptives
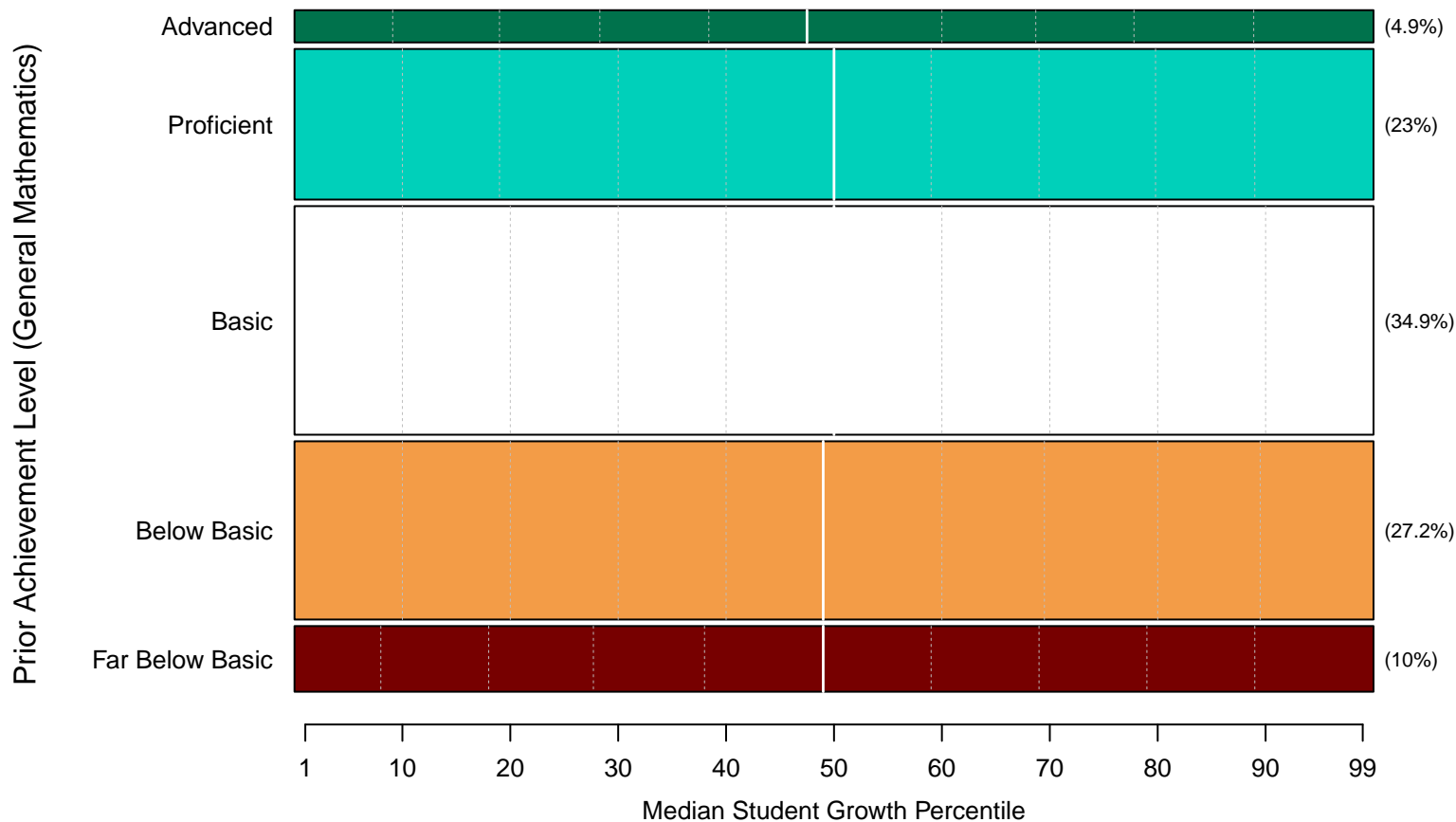
2013 Biology SGP, Grade EOCT (N = 3,294)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percentage
Advanced	(4.9%)
Proficient	(23%)
Basic	(34.9%)
Below Basic	(27.2%)
Far Below Basic	(10%)

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/[164,256)	11.21	10.91	10.30	9.09	9.09	10.30	9.39	10.30	10.00	9.39	(10%)
2nd/[256,277)	9.21	8.25	10.79	11.11	12.70	8.89	9.84	10.16	10.79	8.25	(9.6%)
3rd/[277,289)	7.06	6.67	9.80	9.41	10.59	10.59	12.55	9.41	9.02	14.90	(7.7%)
4th/[289,302)	12.88	11.96	10.12	10.74	7.98	8.59	9.51	10.12	10.12	7.98	(9.9%)
5th/[302,318)	9.81	11.48	9.81	9.57	10.05	9.57	8.85	10.29	9.57	11.00	(12.7%)
6th/[318,330)	7.45	9.22	8.51	8.51	12.06	13.48	9.93	10.64	10.28	9.93	(8.6%)
7th/[330,347)	11.36	8.24	12.22	12.22	8.81	6.53	11.93	7.95	11.93	8.81	(10.7%)
8th/[347,360)	9.97	11.68	8.25	9.28	9.62	9.62	8.93	10.65	9.62	12.37	(8.8%)
9th/[360,389)	8.74	10.80	8.23	9.77	10.54	11.83	10.28	10.80	9.00	10.03	(11.8%)
10th/[389,573]	11.31	8.93	11.31	10.71	9.23	10.42	10.12	8.63	10.12	9.23	(10.2%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution