Student Growth Percentile Goodness–of–Fit Descriptives
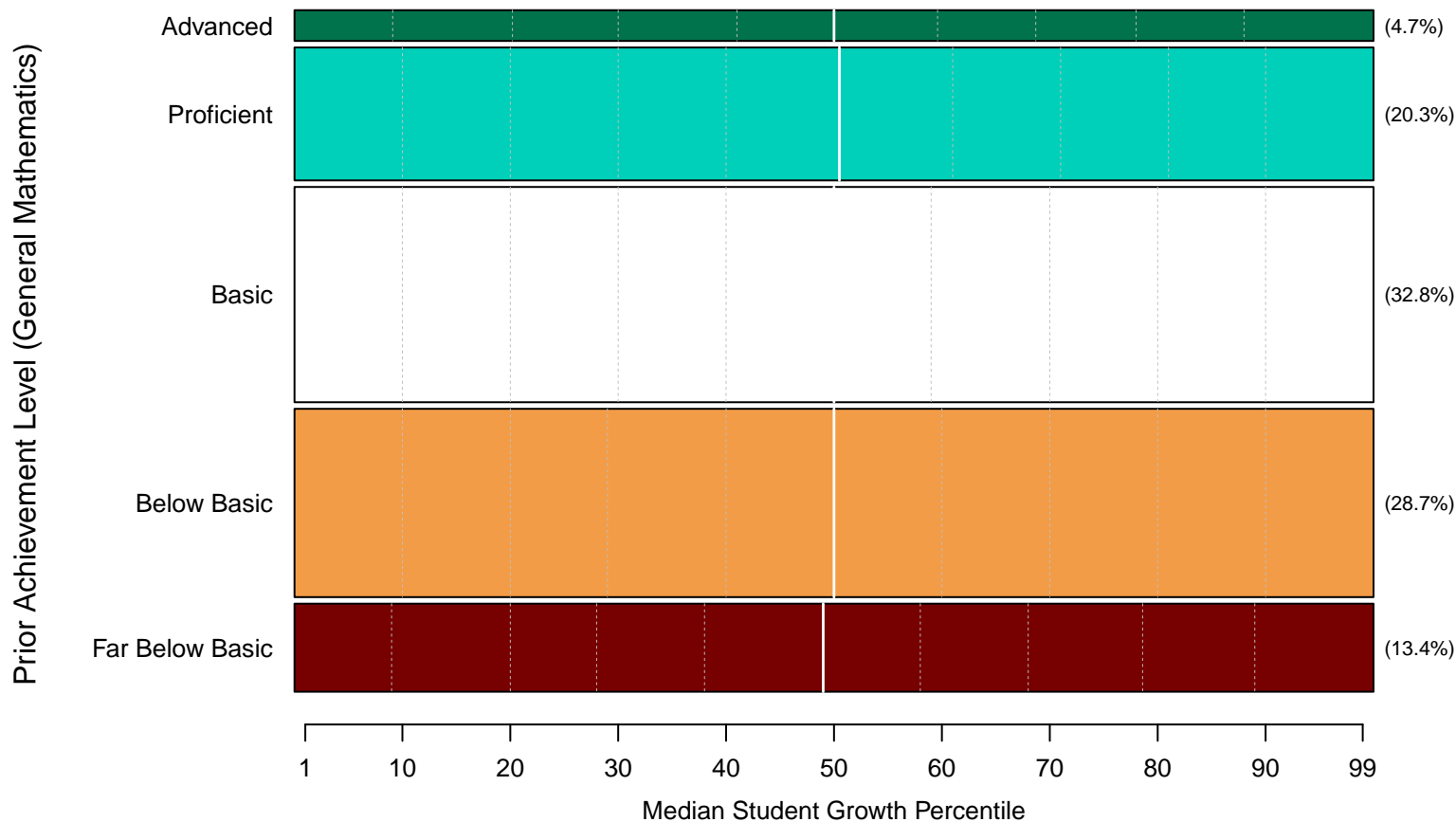
2013 Biology SGP, Grade EOCT (N = 5,373)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (General Mathematics)

Level	Percent
Advanced	(4.7%)
Proficient	(20.3%)
Basic	(32.8%)
Below Basic	(28.7%)
Far Below Basic	(13.4%)

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/[164,249)	9.44	9.01	9.44	10.09	9.87	10.52	9.01	11.37	10.30	10.94	(8.7%)
2nd/[249,268)	12.24	9.94	12.24	9.94	8.41	9.18	10.90	8.60	8.99	9.56	(9.7%)
3rd/[268,281)	11.04	7.98	9.20	7.77	13.09	9.20	9.82	11.25	9.82	10.84	(9.1%)
4th/[281,298)	8.43	10.53	11.35	11.02	9.24	9.72	10.21	9.40	10.21	9.89	(11.5%)
5th/[298,310)	10.74	11.73	11.53	8.95	7.36	10.34	10.54	10.14	8.55	10.14	(9.4%)
6th/[310,326)	8.65	10.26	7.21	11.06	10.90	10.26	8.01	11.54	11.22	10.90	(11.6%)
7th/[326,338)	8.89	8.17	12.50	8.17	12.02	11.30	10.10	10.10	8.17	10.58	(7.7%)
8th/[338,358)	10.76	10.91	9.70	9.39	9.09	10.45	10.76	10.00	9.39	9.55	(12.3%)
9th/[358,384)	8.74	9.96	11.18	10.57	9.96	8.33	10.37	9.55	9.76	11.59	(9.2%)
10th/[384,573]	9.95	9.95	9.61	9.95	9.95	10.81	9.09	10.12	10.63	9.95	(10.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution