Student Growth Percentile Goodness–of–Fit Descriptives
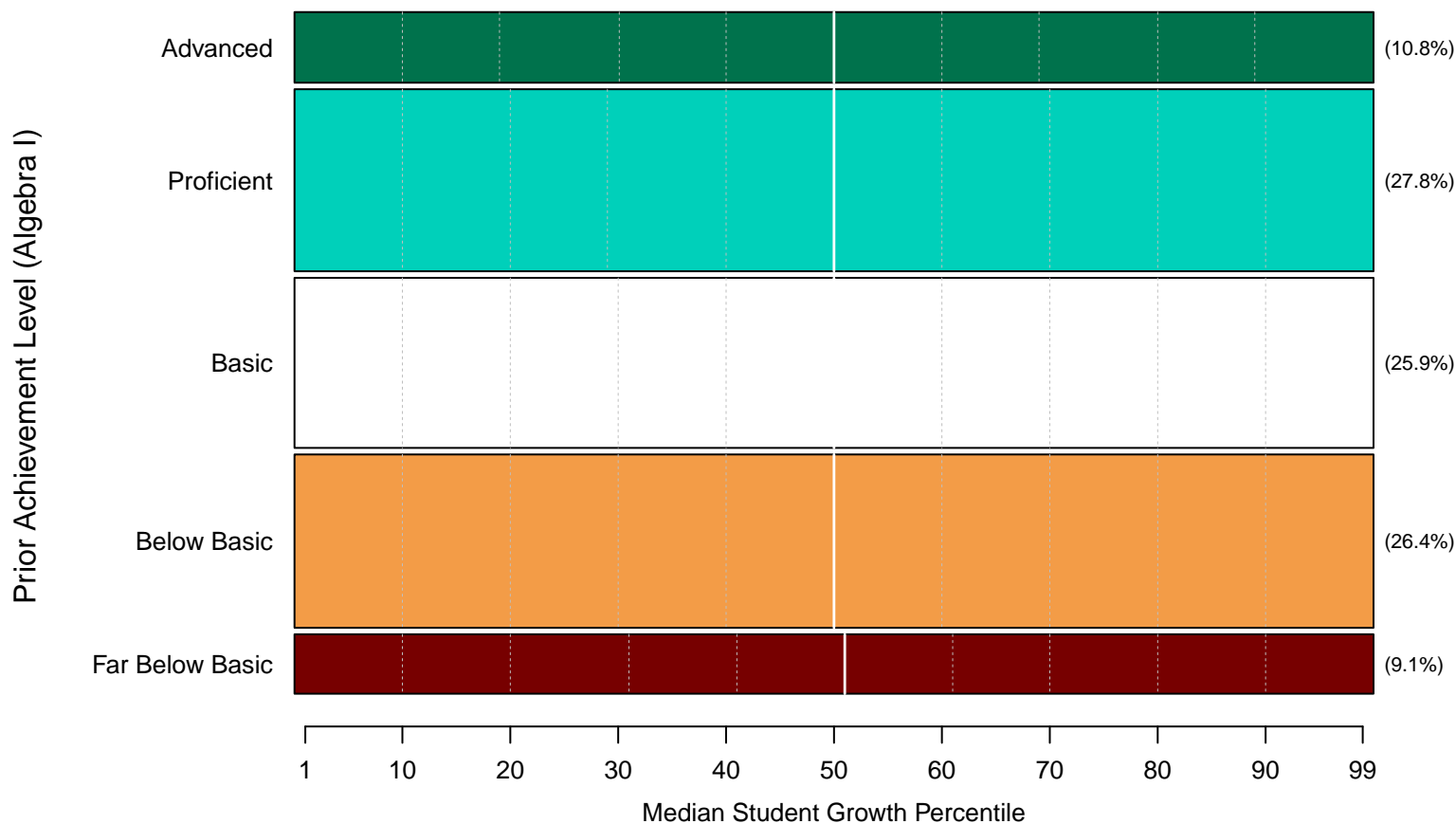
2013 Biology SGP, Grade EOCT (N = 11,773)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (10.8%)
- Proficient (27.8%)
- Basic (25.9%)
- Below Basic (26.4%)
- Far Below Basic (9.1%)

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/[158,257)	9.28	9.93	9.84	9.75	9.84	10.03	11.06	9.93	9.84	10.50	(9.1%)
2nd/[257,274)	10.14	10.44	10.44	10.04	10.54	10.24	8.95	10.04	9.24	9.94	(8.5%)
3rd/[274,294)	9.56	9.14	9.98	10.40	9.98	9.63	10.26	9.77	10.61	10.68	(12.2%)
4th/[294,308)	8.96	11.42	10.24	9.55	9.65	9.45	9.84	10.24	10.43	10.24	(8.6%)
5th/[308,327)	9.66	10.70	9.82	9.11	9.58	10.22	9.98	10.06	10.22	10.62	(10.6%)
6th/[327,346)	9.41	8.06	10.35	11.11	9.67	11.62	10.52	9.84	9.75	9.67	(10%)
7th/[346,366)	10.81	10.55	8.58	10.63	10.99	8.94	9.29	9.74	9.47	10.99	(9.5%)
8th/[366,391)	9.25	10.65	10.89	9.66	9.50	9.83	10.24	10.16	9.34	10.48	(10.4%)
9th/[391,429)	9.41	8.91	11.14	9.32	9.74	10.23	9.08	10.73	10.89	10.56	(10.3%)
10th/[429,600]	9.70	10.65	8.91	10.33	10.33	9.94	10.73	9.31	10.25	9.86	(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