Student Growth Percentile Goodness–of–Fit Descriptives
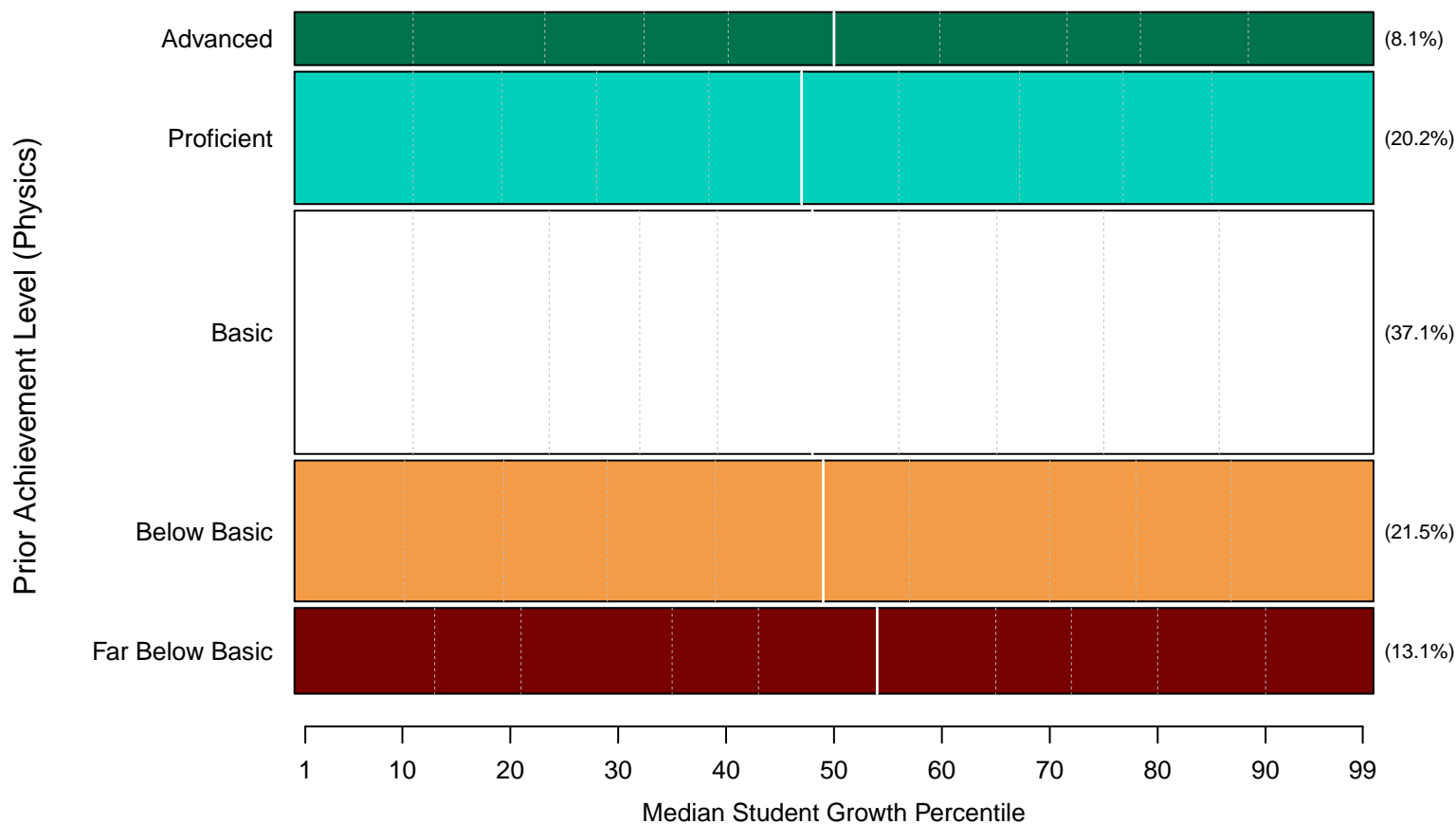
2013 Biology SGP, Grade EOCT (N = 1,223)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Physics)

Level	Percent
Advanced	(8.1%)
Proficient	(20.2%)
Basic	(37.1%)
Below Basic	(21.5%)
Far Below Basic	(13.1%)

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/[223,267)	8.51	10.64	9.57	7.45	9.57	6.38	18.09	10.64	9.57	9.57	(7.7%)
2nd/[267,284)	10.56	9.86	11.97	7.04	11.27	7.75	7.04	14.79	10.56	9.15	(11.6%)
3rd/[284,295)	8.55	10.26	8.55	9.40	10.26	12.82	8.55	9.40	11.11	11.11	(9.6%)
4th/[295,310)	6.06	9.09	13.64	14.39	9.85	13.64	8.33	12.88	6.06	6.06	(10.8%)
5th/[310,320)	9.40	8.55	9.40	10.26	10.26	11.97	8.55	13.68	8.55	9.40	(9.6%)
6th/[320,335)	3.17	6.35	11.90	8.73	16.67	9.52	12.70	12.70	7.94	10.32	(10.3%)
7th/[335,349)	14.78	8.70	7.83	17.39	11.30	12.17	6.96	6.96	9.57	4.35	(9.4%)
8th/[349,365)	6.87	11.45	11.45	14.50	16.79	10.69	6.11	9.16	7.63	5.34	(10.7%)
9th/[365,387)	11.11	9.52	9.52	7.94	7.14	14.29	10.32	12.70	11.90	5.56	(10.3%)
10th/[387,555)	8.13	11.38	8.13	13.01	8.94	9.76	7.32	16.26	8.13	8.94	(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