Student Growth Percentile Goodness–of–Fit Descriptives
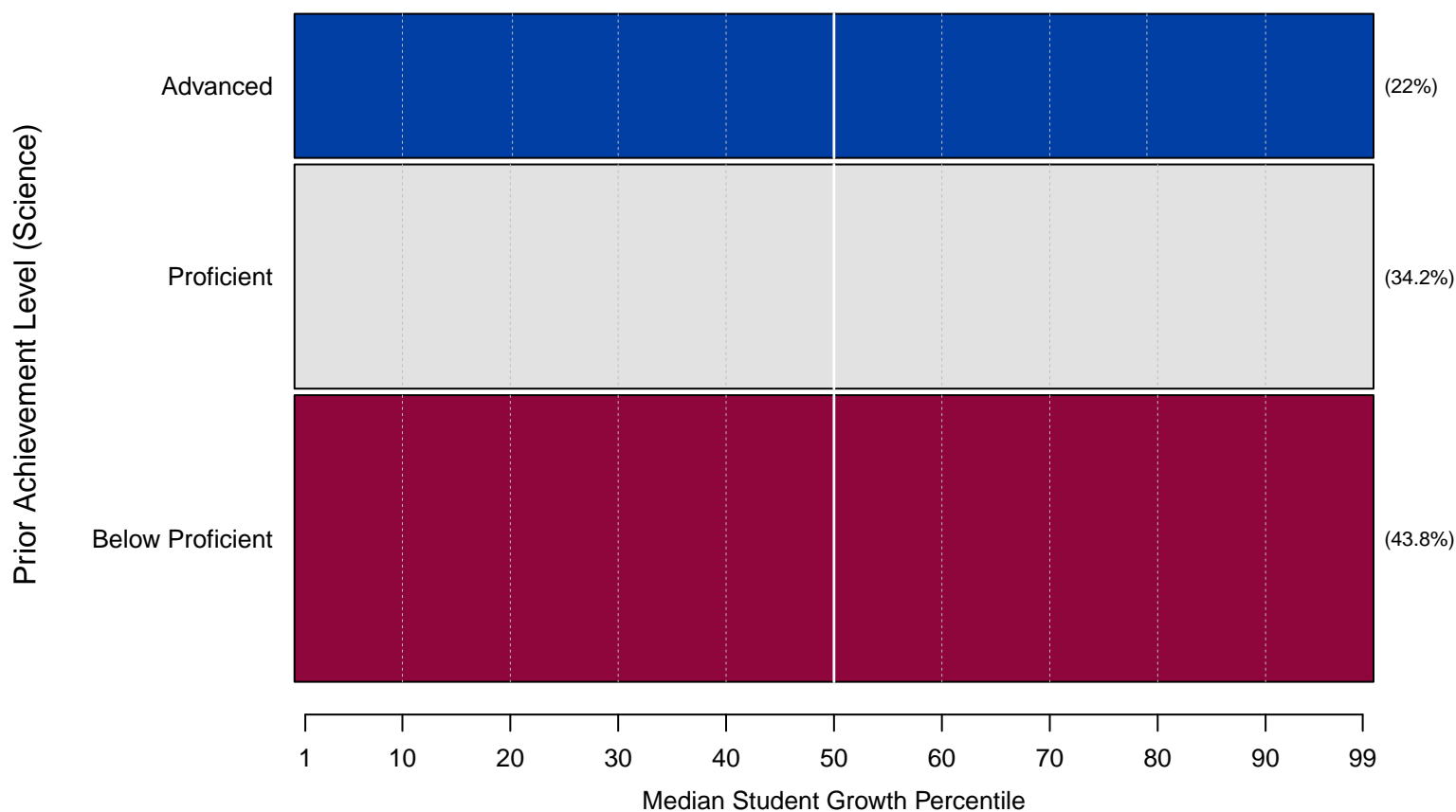## 2015 Biology SGP, Grade EOCT (N = 12,101)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Science): Advanced (22%), Proficient (34.2%), Below Proficient (43.8%)

Median Student Growth Percentile (x-axis: 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/[729,816)	10.22	9.71	10.05	10.22	9.71	9.63	10.56	9.71	9.97	10.22	(9.7%)
2nd/[816,828)	10.05	10.31	9.79	10.75	9.88	10.05	8.75	10.49	10.31	9.62	(9.5%)
3rd/[828,836)	9.01	9.88	9.97	9.01	10.23	9.71	11.09	10.14	9.19	11.79	(9.5%)
4th/[836,843)	9.11	10.95	10.70	10.03	9.78	10.28	9.45	9.62	10.37	9.70	(9.9%)
5th/[843,850)	9.33	9.18	10.08	10.16	10.16	10.31	10.76	10.16	9.93	9.93	(11%)
6th/[850,856)	9.93	9.00	8.91	10.19	10.19	10.02	9.51	10.53	10.87	10.87	(9.7%)
7th/[856,862)	10.23	10.23	10.83	10.83	10.06	9.54	9.29	8.25	10.32	10.40	(9.6%)
8th/[862,870)	10.13	11.46	9.34	9.58	9.58	10.36	10.05	10.13	8.79	10.60	(10.5%)
9th/[870,881)	8.68	8.77	10.26	8.68	10.59	10.09	11.00	11.50	10.75	9.68	(10%)
10th/[881,942]	9.92	10.24	10.31	10.71	9.76	9.45	9.61	9.53	9.84	10.63	(10.5%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis: 0 to 100)
Empirical SGP Distribution (y-axis: 0 to 100)