Student Growth Percentile Goodness–of–Fit Descriptives
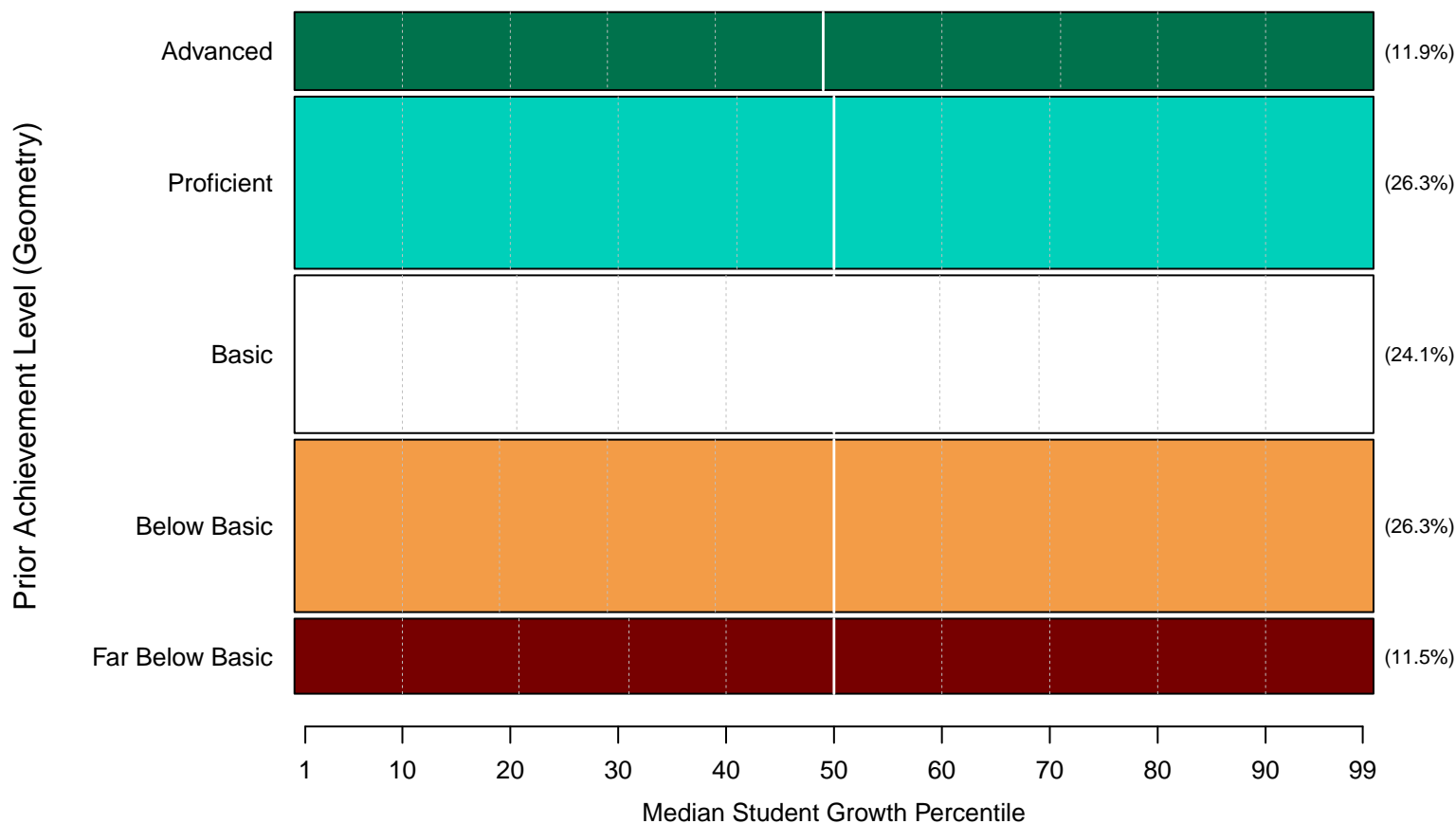## 2013 Biology SGP, Grade EOCT (N = 6,768)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

- Advanced (11.9%)
- Proficient (26.3%)
- Basic (24.1%)
- Below Basic (26.3%)
- Far Below Basic (11.5%)

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/[165,244)	9.83	10.30	8.89	10.61	9.83	9.67	10.14	9.98	9.67	11.08	(9.5%)
2nd/[244,262)	10.23	9.90	11.74	9.90	10.57	10.57	9.56	9.40	9.73	8.39	(8.8%)
3rd/[262,283)	9.14	9.80	9.40	9.93	9.93	8.74	9.93	11.13	10.46	11.52	(11.2%)
4th/[283,304)	9.22	11.06	10.21	9.22	9.65	11.06	10.64	8.94	10.35	9.65	(10.4%)
5th/[304,324)	9.85	8.51	9.40	10.15	10.75	9.70	10.45	10.60	10.45	10.15	(9.9%)
6th/[324,346)	9.61	10.92	11.21	11.06	9.32	10.19	9.17	9.17	8.44	10.92	(10.2%)
7th/[346,365)	10.48	9.45	9.97	7.73	9.79	9.11	9.28	10.48	11.34	12.37	(8.6%)
8th/[365,393)	8.69	10.77	9.08	12.19	9.99	10.51	9.73	10.25	10.12	8.69	(11.4%)
9th/[393,421)	9.53	9.17	9.17	8.45	10.79	10.79	13.13	9.53	8.99	10.43	(8.2%)
10th/[421,600]	9.81	10.06	10.81	10.06	9.69	9.19	9.07	9.94	10.43	10.93	(11.9%)

*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