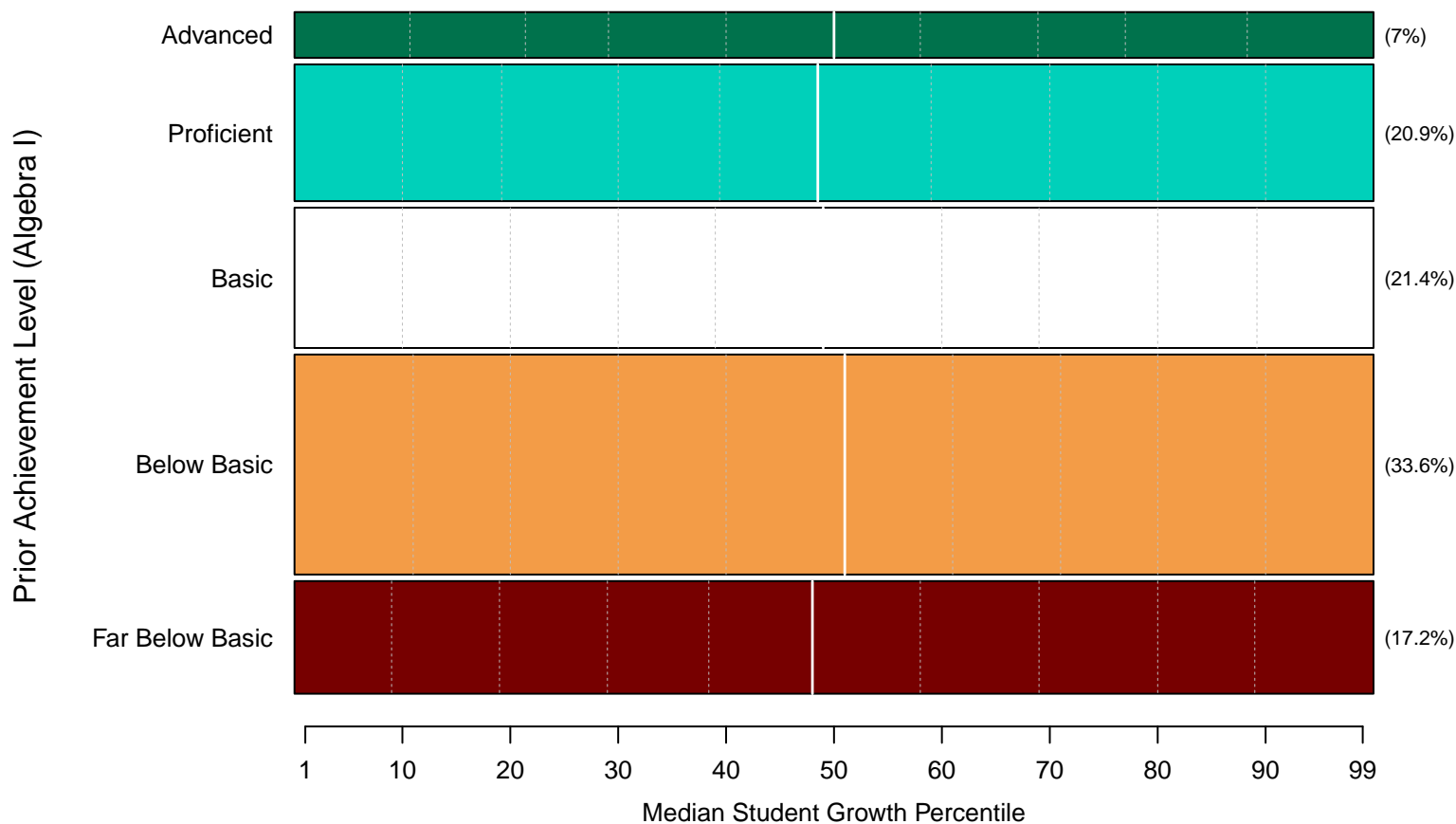# Student Growth Percentile Goodness–of–Fit Descriptives

2013 Life Science SGP, Grade EOCT (N = 3,125)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percentage
Advanced	(7%)
Proficient	(20.9%)
Basic	(21.4%)
Below Basic	(33.6%)
Far Below Basic	(17.2%)

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/[165,246)	12.79	8.20	11.48	8.52	10.49	8.20	10.16	9.51	11.15	9.51	(9.8%)
2nd/[246,257)	9.91	9.48	8.62	12.50	10.78	12.50	9.05	6.90	10.78	9.48	(7.4%)
3rd/[257,274)	7.18	10.90	10.37	9.31	10.90	9.04	9.84	12.50	8.51	11.44	(12%)
4th/[274,284)	10.17	10.59	9.75	8.90	10.59	8.90	12.71	9.32	10.17	8.90	(7.6%)
5th/[284,299)	11.01	8.70	11.30	8.70	8.99	10.14	9.28	9.28	12.17	10.43	(11%)
6th/[299,318)	10.19	9.55	9.55	11.15	11.46	10.51	8.28	9.24	8.60	11.46	(10%)
7th/[318,346)	8.78	10.64	9.31	10.37	8.24	10.11	13.03	10.37	10.37	8.78	(12%)
8th/[346,371)	9.41	9.76	10.10	9.41	10.80	9.41	7.67	8.36	13.24	11.85	(9.2%)
9th/[371,409)	10.38	10.38	8.81	11.32	9.43	9.75	10.69	12.89	6.92	9.43	(10.2%)
10th/[409,600]	9.52	10.12	10.71	9.82	10.71	11.01	9.23	8.63	10.71	9.52	(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