Student Growth Percentile Goodness–of–Fit Descriptives
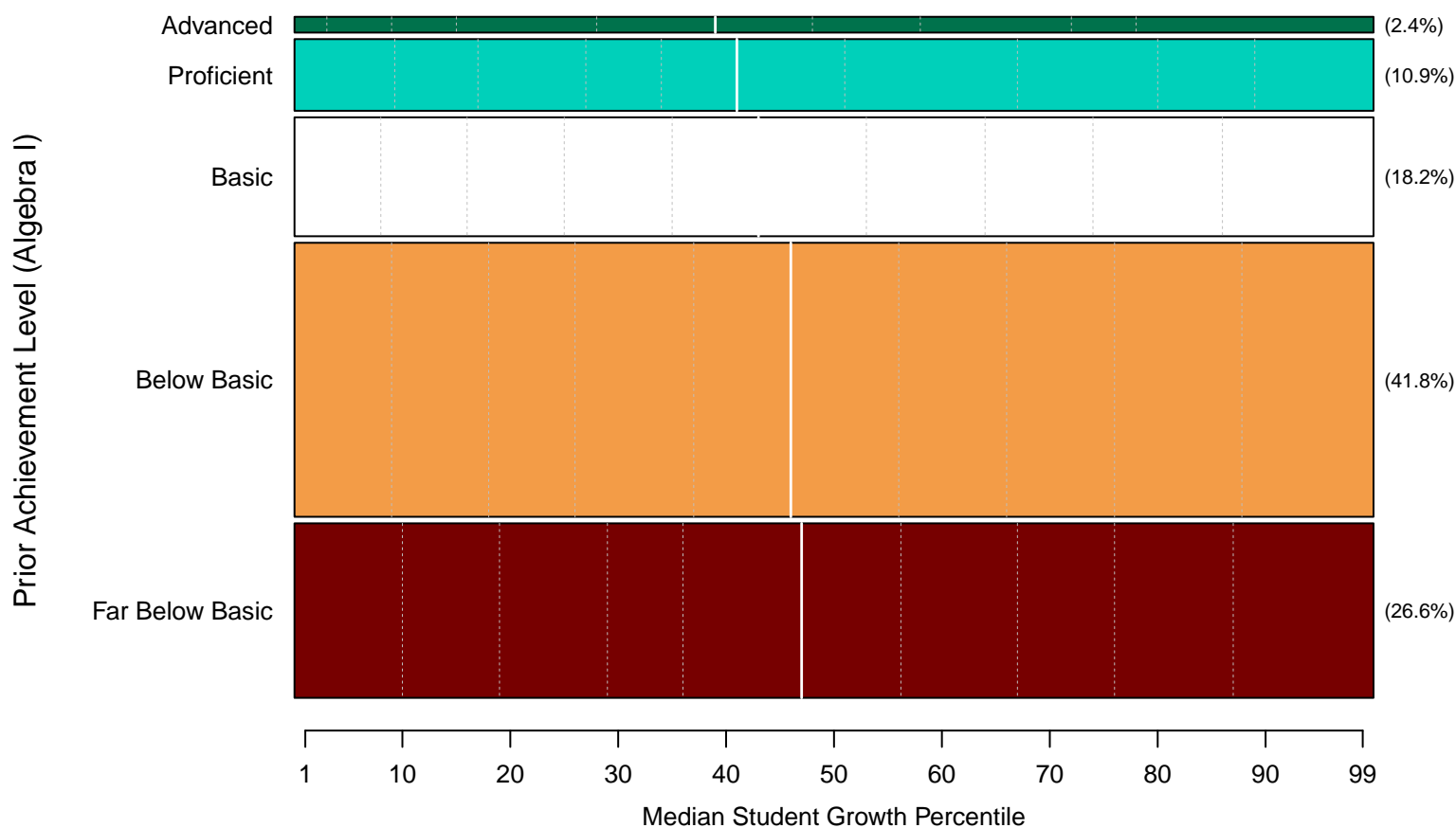
2010 Life Science SGP, Grade EOCT (N = 3,783)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percentage
Advanced	(2.4%)
Proficient	(10.9%)
Basic	(18.2%)
Below Basic	(41.8%)
Far Below Basic	(26.6%)

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/[154,234)	9.33	13.00	9.33	10.67	8.33	12.33	10.33	11.67	7.67	7.33	(7.9%)
2nd/[234,247)	11.15	8.98	7.74	17.03	7.74	12.07	8.67	9.29	7.74	9.60	(8.5%)
3rd/[247,258)	8.31	11.95	11.43	10.91	9.35	8.83	12.73	9.35	9.35	7.79	(10.2%)
4th/[258,269)	12.73	11.82	10.00	8.64	9.77	10.91	8.86	9.09	10.45	7.73	(11.6%)
5th/[269,279)	11.48	9.33	11.48	11.72	12.92	6.94	10.29	11.48	6.94	7.42	(11%)
6th/[279,290)	11.14	10.56	11.14	9.68	9.09	11.44	10.26	9.09	8.21	9.38	(9%)
7th/[290,304)	8.33	9.38	13.28	10.42	10.94	9.11	8.85	13.02	8.33	8.33	(10.2%)
8th/[304,328)	9.48	12.72	12.97	7.73	14.71	8.23	12.22	6.48	6.98	8.48	(10.6%)
9th/[328,366)	12.90	11.92	9.49	15.09	9.73	6.57	7.30	9.98	9.73	7.30	(10.9%)
10th/[366,550]	13.42	12.11	9.74	12.89	9.74	7.11	8.16	9.21	8.95	8.68	(10%)

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

QQ–Plot: Student Growth Percentiles