Student Growth Percentile Goodness–of–Fit Descriptives
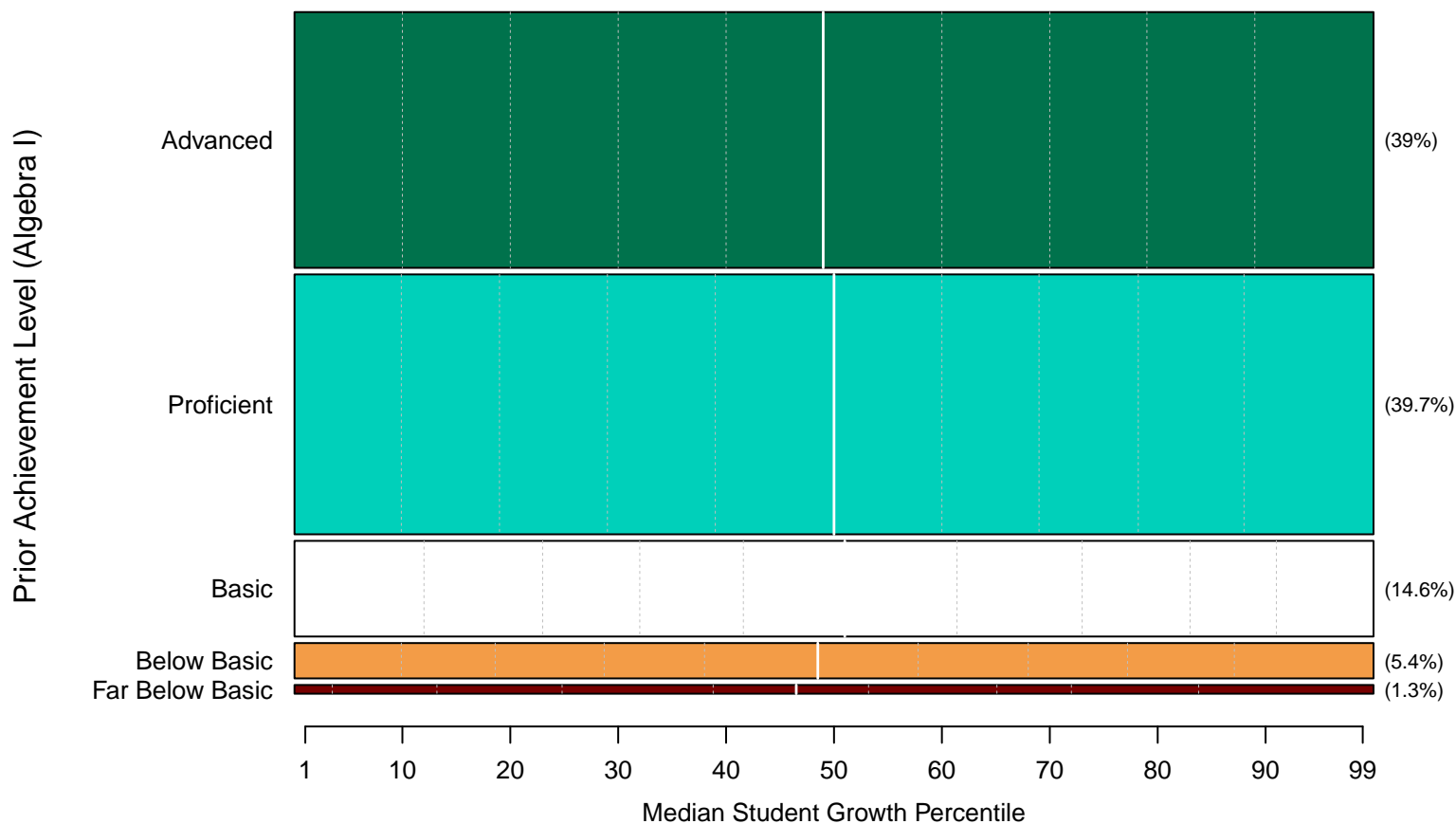
2011 Science SGP, Grade EOCT (N = 3,152)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percentage
Advanced	(39%)
Proficient	(39.7%)
Basic	(14.6%)
Below Basic	(5.4%)
Far Below Basic	(1.3%)

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/[211,313)	9.78	11.23	10.51	8.33	10.14	10.14	10.87	8.70	9.78	10.51	(8.8%)
2nd/[313,346)	8.76	9.06	9.97	11.18	11.18	9.67	8.16	10.27	10.57	11.18	(10.5%)
3rd/[346,366)	10.92	10.92	7.85	10.24	9.22	10.58	11.26	9.56	9.22	10.24	(9.3%)
4th/[366,387)	11.95	10.69	10.06	8.81	9.12	10.06	10.69	10.69	9.75	8.18	(10.1%)
5th/[387,404)	7.84	9.33	9.33	14.93	8.58	9.33	7.84	11.57	14.55	6.72	(8.5%)
6th/[404,423)	9.01	9.01	12.01	8.71	9.61	9.91	12.01	11.11	9.01	9.61	(10.6%)
7th/[423,445)	8.23	10.13	11.71	9.18	10.76	10.44	8.86	12.66	3.48	14.56	(10%)
8th/[445,473)	9.75	10.58	7.52	8.64	12.53	8.91	11.70	6.96	8.36	15.04	(11.4%)
9th/[473,511)	9.42	11.59	9.06	11.96	6.16	11.96	7.97	5.43	19.93	6.52	(8.8%)
10th/[511,600]	10.21	8.90	11.52	9.42	12.04	6.81	10.47	17.54	8.90	4.19	(12.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution