Student Growth Percentile Goodness–of–Fit Descriptives
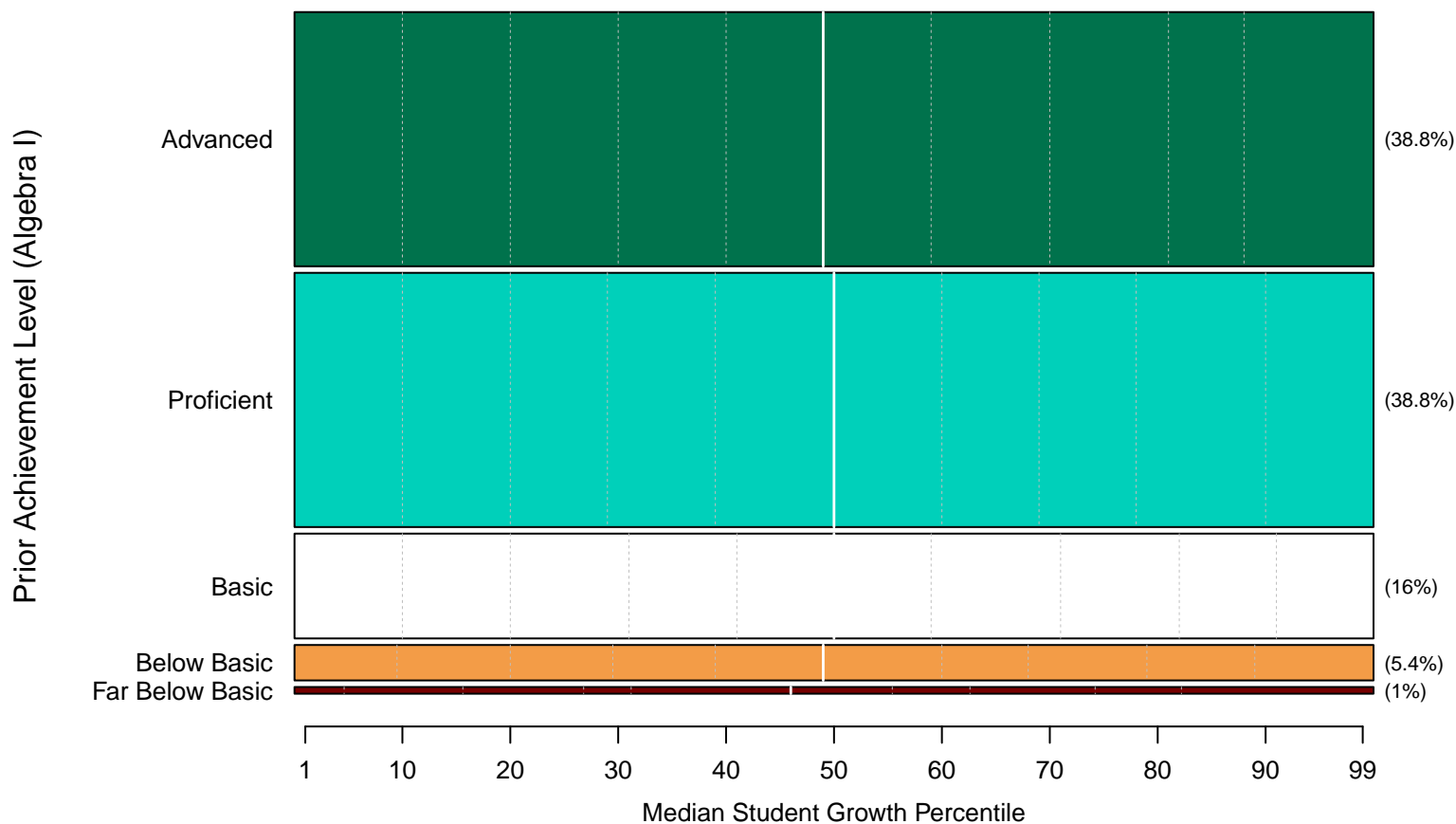
2012 Science SGP, Grade EOCT (N = 3,808)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (38.8%)
- Proficient (38.8%)
- Basic (16%)
- Below Basic (5.4%)
- Far Below Basic (1%)

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/[204,313)	11.14	9.97	9.68	9.38	10.56	10.26	10.26	9.38	9.97	9.38	(9%)
2nd/[313,342)	9.02	10.11	9.84	9.02	9.84	11.20	7.65	9.56	12.30	11.48	(9.6%)
3rd/[342,366)	9.69	9.93	11.38	11.14	9.93	8.96	12.35	7.75	8.47	10.41	(10.8%)
4th/[366,387)	10.33	9.51	8.70	8.97	7.88	10.33	11.14	16.30	10.60	6.25	(9.7%)
5th/[387,404)	10.12	10.74	9.82	11.96	12.27	8.28	7.98	10.43	7.67	10.74	(8.6%)
6th/[404,423)	10.79	10.26	11.05	12.63	9.21	11.32	8.95	8.68	5.00	12.11	(10%)
7th/[423,445)	6.92	7.88	10.26	7.40	10.98	8.59	12.89	12.17	6.21	16.71	(11%)
8th/[445,473)	10.63	11.84	10.39	7.97	10.14	10.39	10.14	3.62	16.91	7.97	(10.9%)
9th/[473,511)	10.57	10.03	9.21	8.94	12.47	11.11	3.79	9.21	21.68	2.98	(9.7%)
10th/[511,600]	9.22	8.98	11.17	10.68	11.17	10.44	10.44	14.56	9.47	3.88	(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