Student Growth Percentile Goodness–of–Fit Descriptives
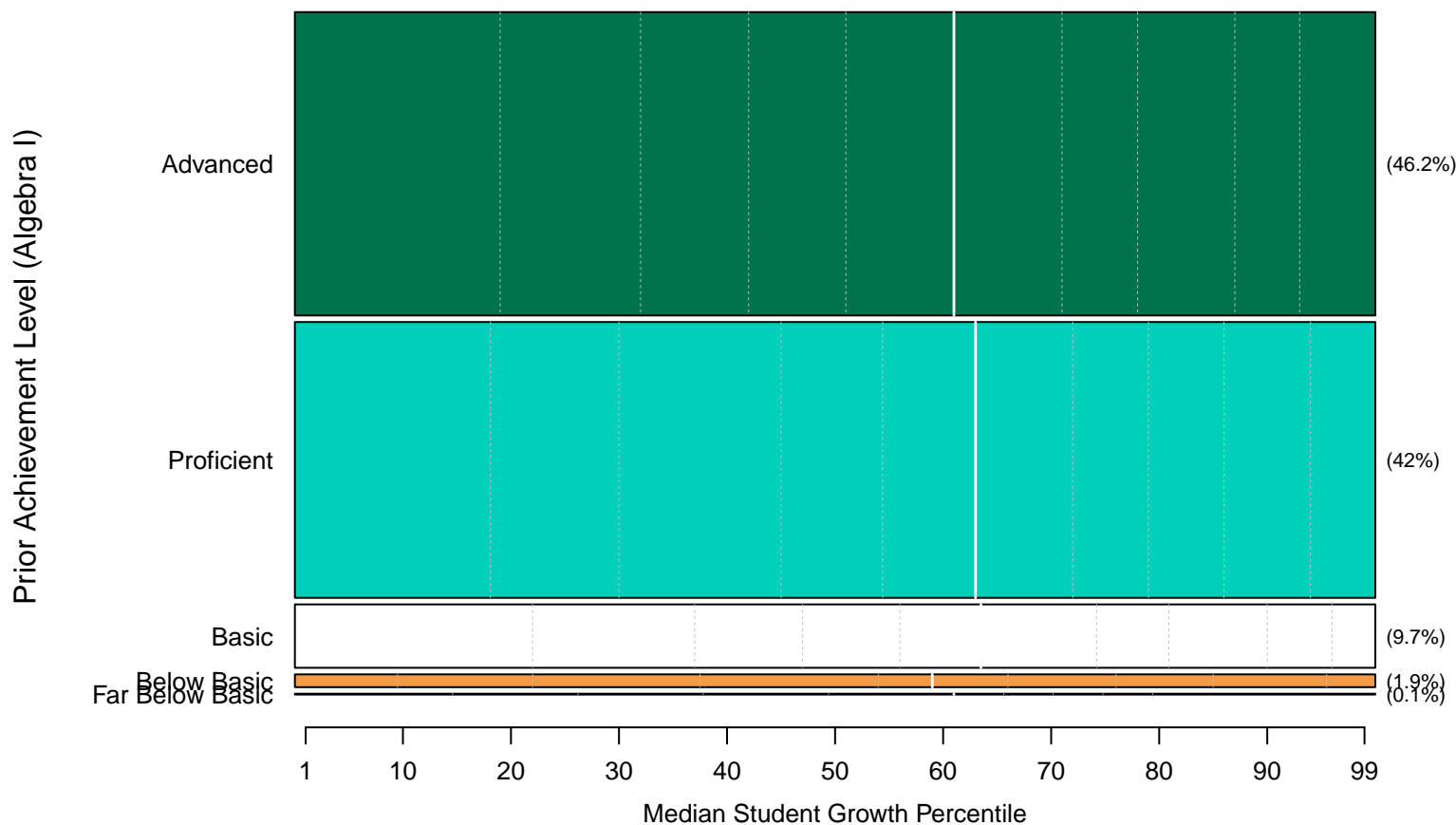
2011 Geometry SGP, Grade EOCT (N = 2,360)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Level	Percent
Advanced	(46.2%)
Proficient	(42%)
Basic	(9.7%)
Below Basic	(1.9%)
Far Below Basic	(0.1%)

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/[245,341]	4.69	4.23	7.51	7.98	7.51	10.80	13.62	11.27	11.74	20.66	(9%)
2nd/[341,366]	3.72	7.44	10.70	9.30	8.84	13.49	5.58	12.09	9.30	19.53	(9.1%)
3rd/[366,387]	4.96	6.20	7.44	6.61	9.92	9.50	13.64	12.81	12.40	16.53	(10.3%)
4th/[387,404]	4.35	6.09	8.70	7.83	8.70	11.30	11.74	14.35	13.04	13.91	(9.7%)
5th/[404,420]	4.64	4.29	5.36	6.43	8.57	13.93	12.50	11.79	15.00	17.50	(11.9%)
6th/[420,437]	3.70	6.88	8.47	6.35	8.99	8.99	9.52	14.81	17.46	14.81	(8%)
7th/[437,454]	2.02	5.05	8.08	7.58	11.62	10.61	13.64	13.13	13.64	14.65	(8.4%)
8th/[454,484]	4.33	6.00	8.00	6.67	11.00	9.33	8.00	14.00	12.67	20.00	(12.7%)
9th/[484,528]	5.06	7.59	6.75	12.66	10.55	9.28	8.02	12.24	10.97	16.88	(10%)
10th/[528,600]	3.52	7.81	9.77	10.55	11.33	11.33	11.33	11.33	10.94	12.11	(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