Student Growth Percentile Goodness–of–Fit Descriptives
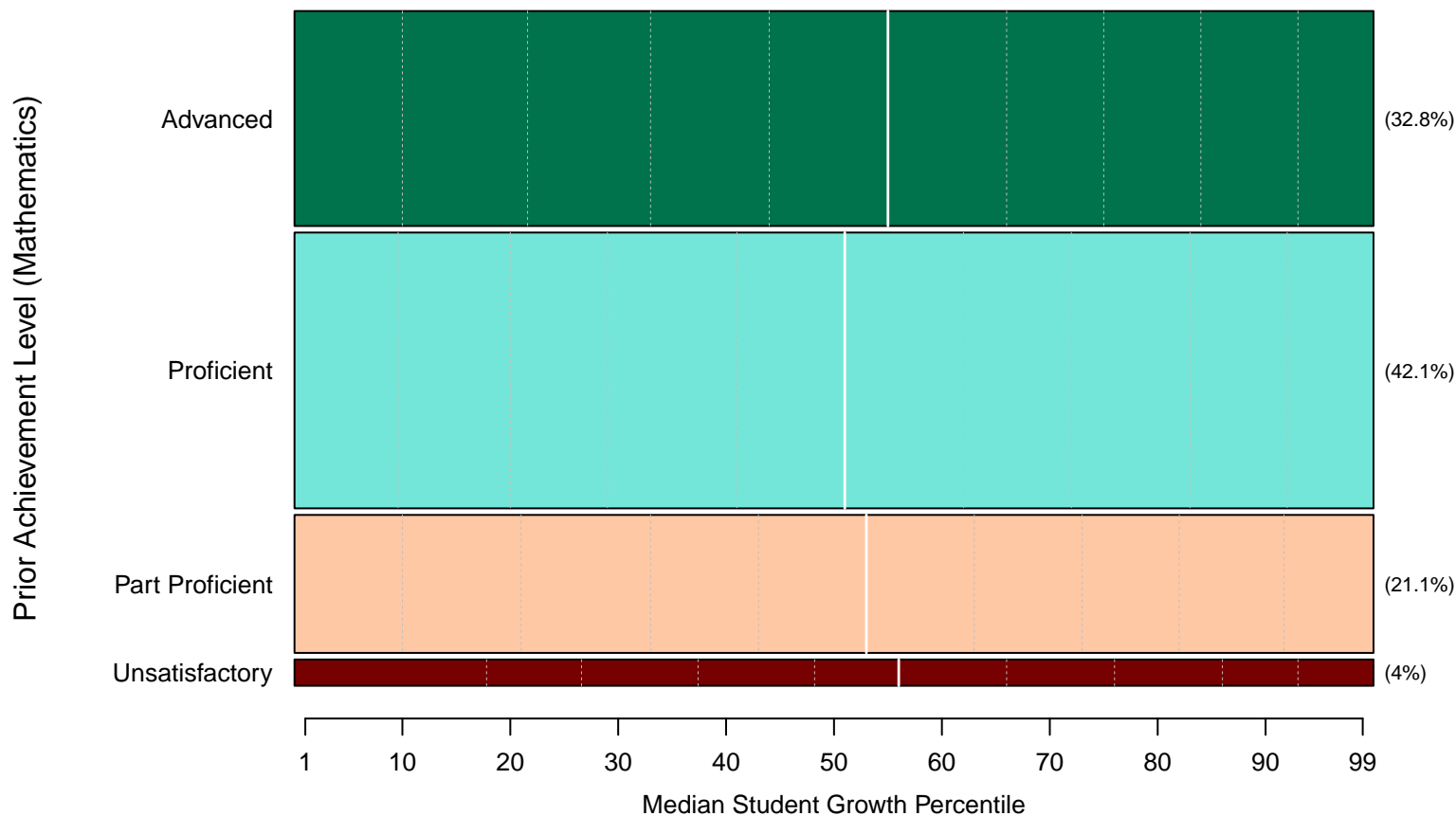
2010–2011 Mathematics SGP, Grade 6 (N = 3,959)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced	(32.8%)
Proficient	(42.1%)
Part Proficient	(21.1%)
Unsatisfactory	(4%)

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/[220,454)	7.38	8.65	9.41	7.89	10.18	11.20	9.67	9.67	12.98	12.98	(9.9%)
2nd/[454,483)	11.69	7.27	8.05	10.39	9.61	10.13	9.61	9.87	11.17	12.21	(9.7%)
3rd/[483,502)	7.24	9.30	10.59	9.04	10.08	11.11	11.37	8.79	11.89	10.59	(9.8%)
4th/[502,519)	10.12	8.89	10.37	7.90	10.62	10.37	7.90	10.62	9.38	13.83	(10.2%)
5th/[519,535)	11.08	8.06	9.82	9.82	7.56	7.81	7.30	13.10	10.08	15.37	(10%)
6th/[535,550)	9.64	10.68	13.02	8.59	7.81	11.20	8.33	6.25	13.02	11.46	(9.7%)
7th/[550,567)	12.80	9.18	9.18	7.49	11.35	9.90	7.49	9.66	9.90	13.04	(10.5%)
8th/[567,589)	9.75	7.25	9.50	9.75	10.00	8.50	9.25	11.75	10.00	14.25	(10.1%)
9th/[589,617)	8.14	9.67	7.38	10.94	7.38	10.18	10.18	11.70	9.67	14.76	(9.9%)
10th/[617,800]	9.73	8.23	10.97	7.48	7.73	9.98	9.73	12.47	10.22	13.47	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution