Student Growth Percentile Goodness–of–Fit Descriptives
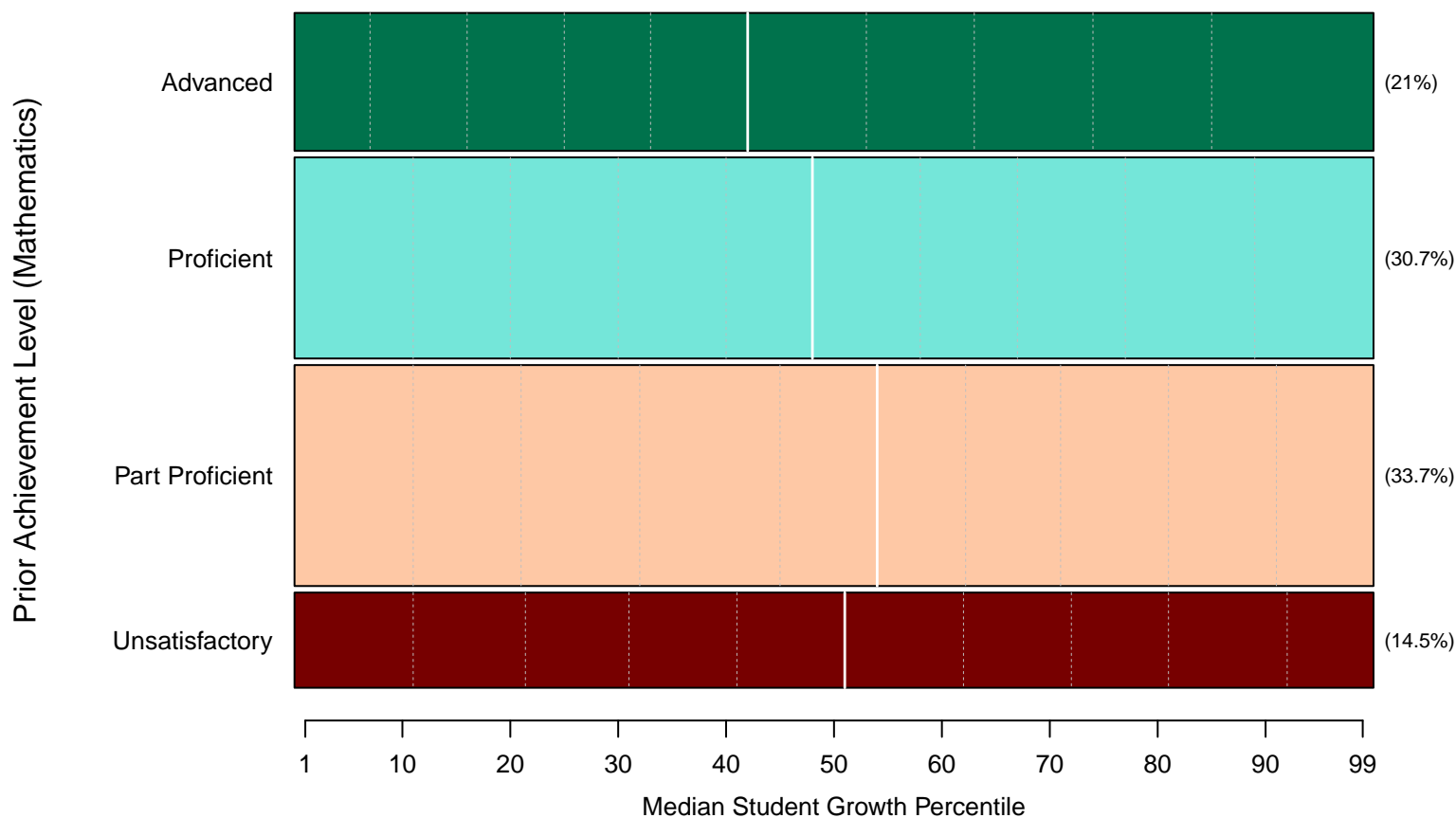
2010–2011 Mathematics SGP, Grade 8 (N = 4,219)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (21%)
- Proficient (30.7%)
- Part Proficient (33.7%)
- Unsatisfactory (14.5%)

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/[280,467)	8.23	8.96	11.62	9.93	10.65	11.14	10.17	9.93	8.47	10.90	(9.8%)
2nd/[467,502)	8.06	9.00	8.06	9.95	9.24	8.53	10.66	10.90	12.32	13.27	(10%)
3rd/[502,526)	7.60	9.74	8.31	9.03	8.55	11.64	12.83	12.11	9.03	11.16	(10%)
4th/[526,544)	9.72	8.80	8.56	9.26	11.57	9.72	13.43	9.03	7.87	12.04	(10.2%)
5th/[544,561)	7.94	11.66	10.67	6.95	11.17	10.67	7.69	10.42	9.68	13.15	(9.6%)
6th/[561,577)	8.77	9.72	11.14	10.43	13.98	6.64	11.14	8.77	10.43	9.00	(10%)
7th/[577,595)	10.05	9.59	9.82	9.59	11.42	10.50	10.73	9.36	7.76	11.19	(10.4%)
8th/[595,616)	8.35	10.98	11.93	10.26	11.93	9.31	12.65	10.02	8.35	6.21	(9.9%)
9th/[616,643)	9.84	11.01	11.94	9.84	9.60	9.37	8.43	10.77	12.18	7.03	(10.1%)
10th/[643,860]	15.17	11.85	10.90	14.22	9.95	9.00	9.48	7.58	7.82	4.03	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution