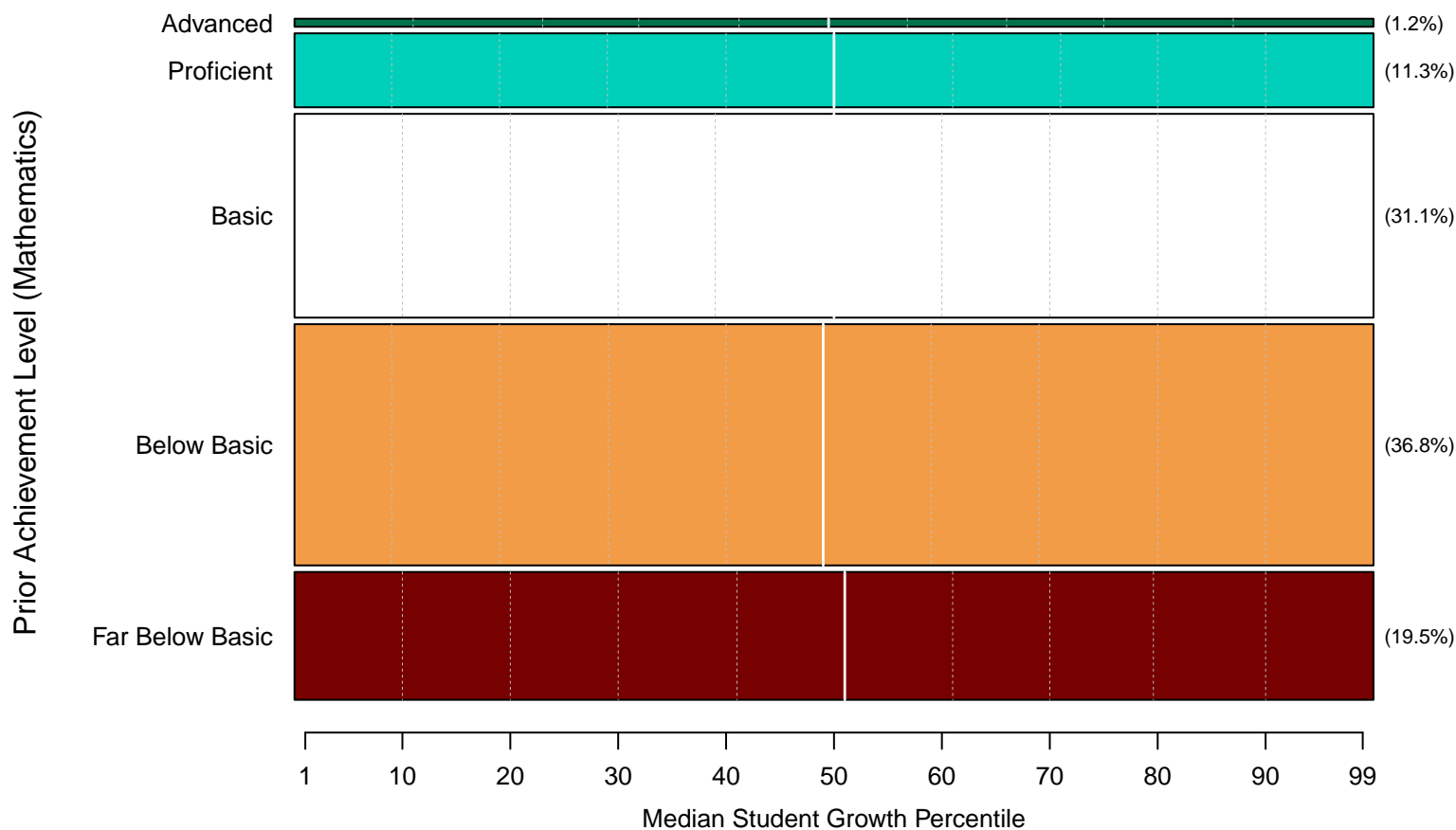# Student Growth Percentile Goodness–of–Fit Descriptives

2011 General Mathematics SGP, Grade EOCT (N = 11,695)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

- Advanced (1.2%)
- Proficient (11.3%)
- Basic (31.1%)
- Below Basic (36.8%)
- Far Below Basic (19.5%)

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/[150,243)	9.91	9.21	11.11	10.01	9.61	11.51	9.81	8.91	10.41	9.51	(8.5%)
2nd/[243,259)	8.41	10.36	9.42	9.66	10.51	8.72	11.53	11.29	8.80	11.29	(11%)
3rd/[259,269)	13.67	9.08	10.54	8.56	10.75	9.92	9.50	8.35	8.98	10.65	(8.2%)
4th/[269,278)	9.50	11.20	9.00	10.30	6.10	12.20	8.00	11.50	12.00	10.20	(8.6%)
5th/[278,291)	8.83	9.25	10.56	11.25	10.70	9.73	11.18	8.70	9.80	10.01	(12.4%)
6th/[291,304)	9.08	10.42	9.01	8.54	12.69	9.32	10.88	9.48	9.71	10.88	(10.9%)
7th/[304,317)	10.39	10.48	10.48	12.80	7.24	8.81	10.67	9.00	9.93	10.20	(9.2%)
8th/[317,334)	10.14	9.66	10.71	8.78	8.94	10.87	9.18	11.19	10.23	10.31	(10.6%)
9th/[334,355)	9.06	9.15	10.30	10.75	10.66	10.39	10.21	9.59	9.41	10.48	(9.6%)
10th/[355,584)	9.67	10.53	10.22	9.59	9.59	9.67	10.76	9.59	10.30	10.06	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution