Student Growth Percentile Goodness–of–Fit Descriptives
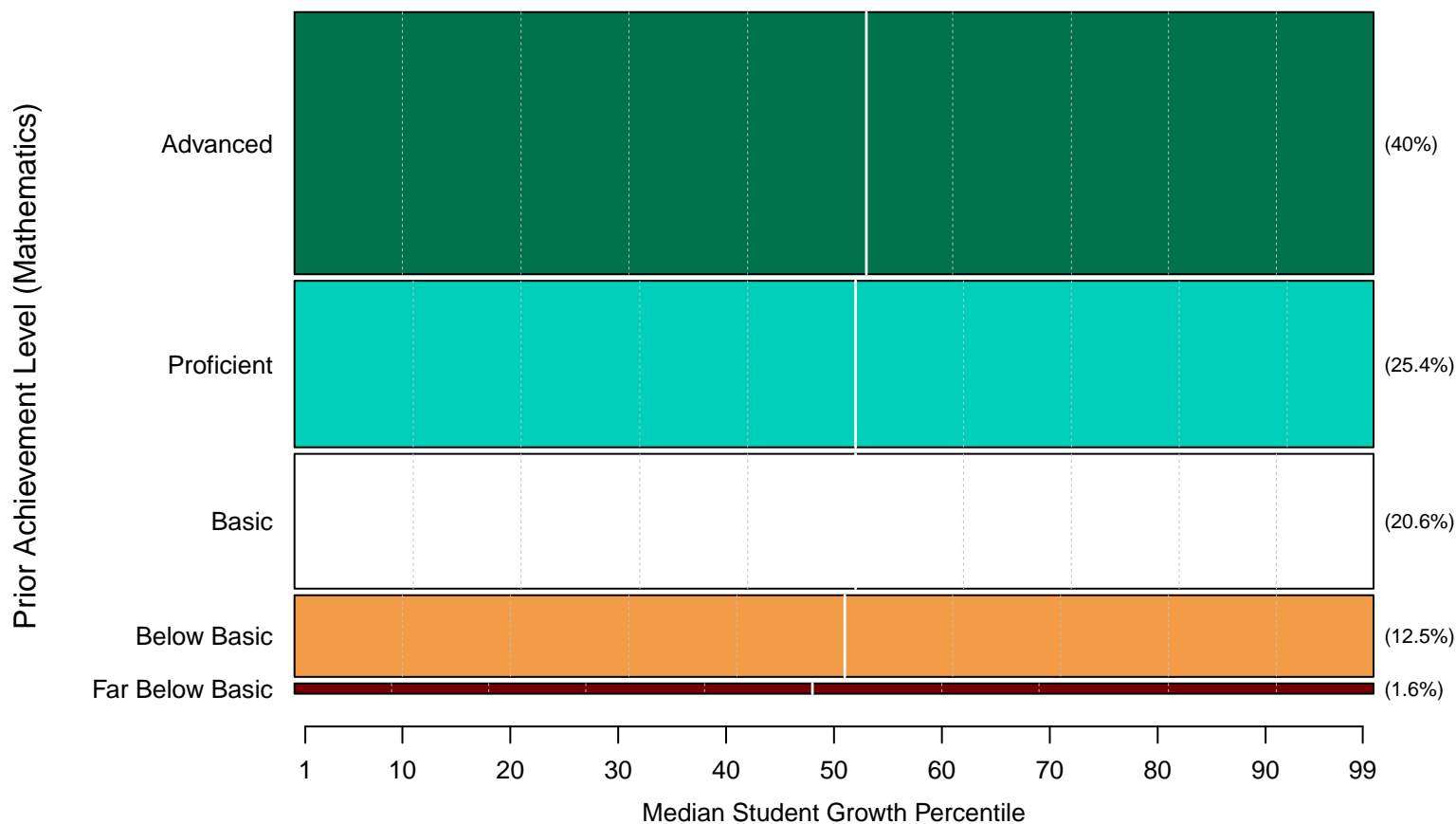
2011 Mathematics SGP, Grade 5 (N = 43,450)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Level	Percent
Advanced	(40%)
Proficient	(25.4%)
Basic	(20.6%)
Below Basic	(12.5%)
Far Below Basic	(1.6%)

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/[150,286)	10.10	9.94	9.37	9.87	10.20	9.87	9.80	9.23	10.39	11.24	(9.7%)
2nd/[286,316)	9.17	10.12	9.27	9.41	10.24	9.41	10.66	10.41	9.56	11.75	(9.4%)
3rd/[316,340)	9.12	9.71	9.44	9.90	9.17	10.14	9.37	10.51	10.63	12.02	(9.5%)
4th/[340,362)	8.89	9.73	9.27	9.51	10.00	9.93	10.26	10.06	10.90	11.44	(10.4%)
5th/[362,384)	8.34	9.72	9.51	9.21	9.78	9.76	11.31	9.93	10.25	12.20	(10.9%)
6th/[384,400)	8.63	10.16	9.27	9.87	9.30	10.53	9.91	10.12	9.37	12.84	(10.1%)
7th/[400,422)	8.85	9.48	9.48	10.08	9.30	9.91	9.96	11.14	10.59	11.22	(8%)
8th/[422,446)	9.55	9.21	9.42	9.78	9.42	10.69	10.12	10.12	11.16	10.53	(8.9%)
9th/[446,485)	9.15	9.33	10.23	8.40	9.66	9.30	10.48	9.51	12.98	10.97	(10.2%)
10th/[485,600]	9.17	9.28	8.56	10.53	10.46	9.42	11.85	7.15	10.49	13.09	(12.9%)

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

QQ–Plot: Student Growth Percentiles