Student Growth Percentile Goodness–of–Fit Descriptives
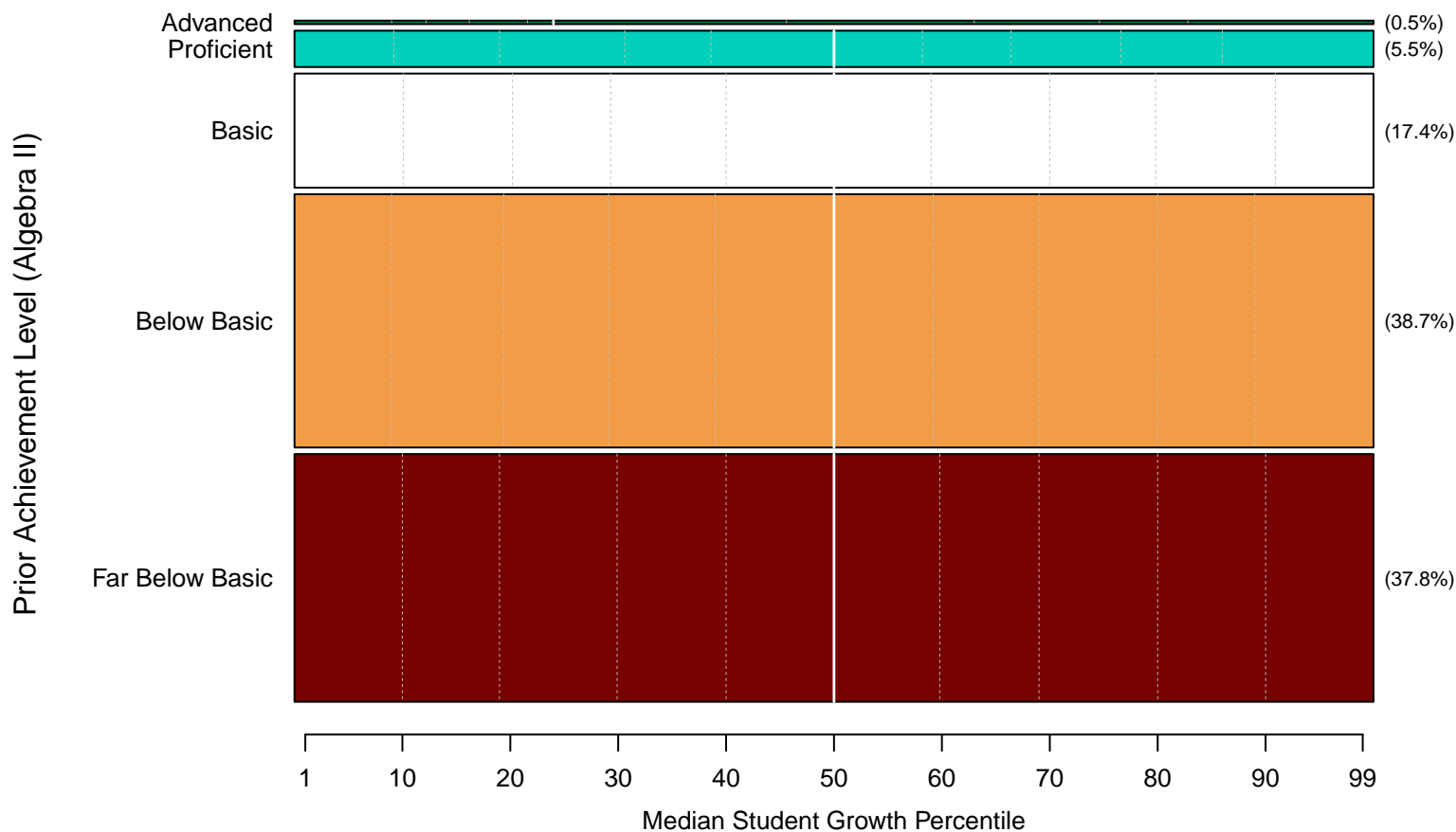## 2013 Algebra II SGP, Grade EOCT (N = 1,676)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra II)

- Advanced (0.5%)
- Proficient (5.5%)
- Basic (17.4%)
- Below Basic (38.7%)
- Far Below Basic (37.8%)

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/[150,227]	10.42	11.81	9.03	8.33	12.50	9.03	11.11	12.50	6.25	9.03	(8.6%)
2nd/[227,239]	8.09	8.82	11.03	12.50	6.62	10.29	13.24	6.62	13.24	9.56	(8.1%)
3rd/[239,250]	12.34	10.39	11.04	8.44	9.09	14.29	8.44	3.90	11.69	10.39	(9.2%)
4th/[250,260]	7.00	12.00	8.50	10.50	10.50	8.00	10.00	13.00	7.50	13.00	(11.9%)
5th/[260,270]	9.83	12.14	6.36	10.40	7.51	12.14	9.83	10.98	11.56	9.25	(10.3%)
6th/[270,279]	11.46	9.55	12.74	10.83	7.64	8.92	8.28	8.92	8.92	12.74	(9.4%)
7th/[279,293]	11.82	6.40	11.82	9.85	13.30	10.84	12.32	6.40	9.85	7.39	(12.1%)
8th/[293,307]	7.33	12.67	8.67	11.33	6.67	8.00	10.67	12.00	12.67	10.00	(8.9%)
9th/[307,335]	10.22	10.75	10.75	6.99	11.29	12.37	9.14	9.14	9.14	10.22	(11.1%)
10th/[335,461]	9.83	9.25	9.83	10.98	8.67	11.56	9.83	10.40	9.25	10.40	(10.3%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution