Student Growth Percentile Goodness–of–Fit Descriptives
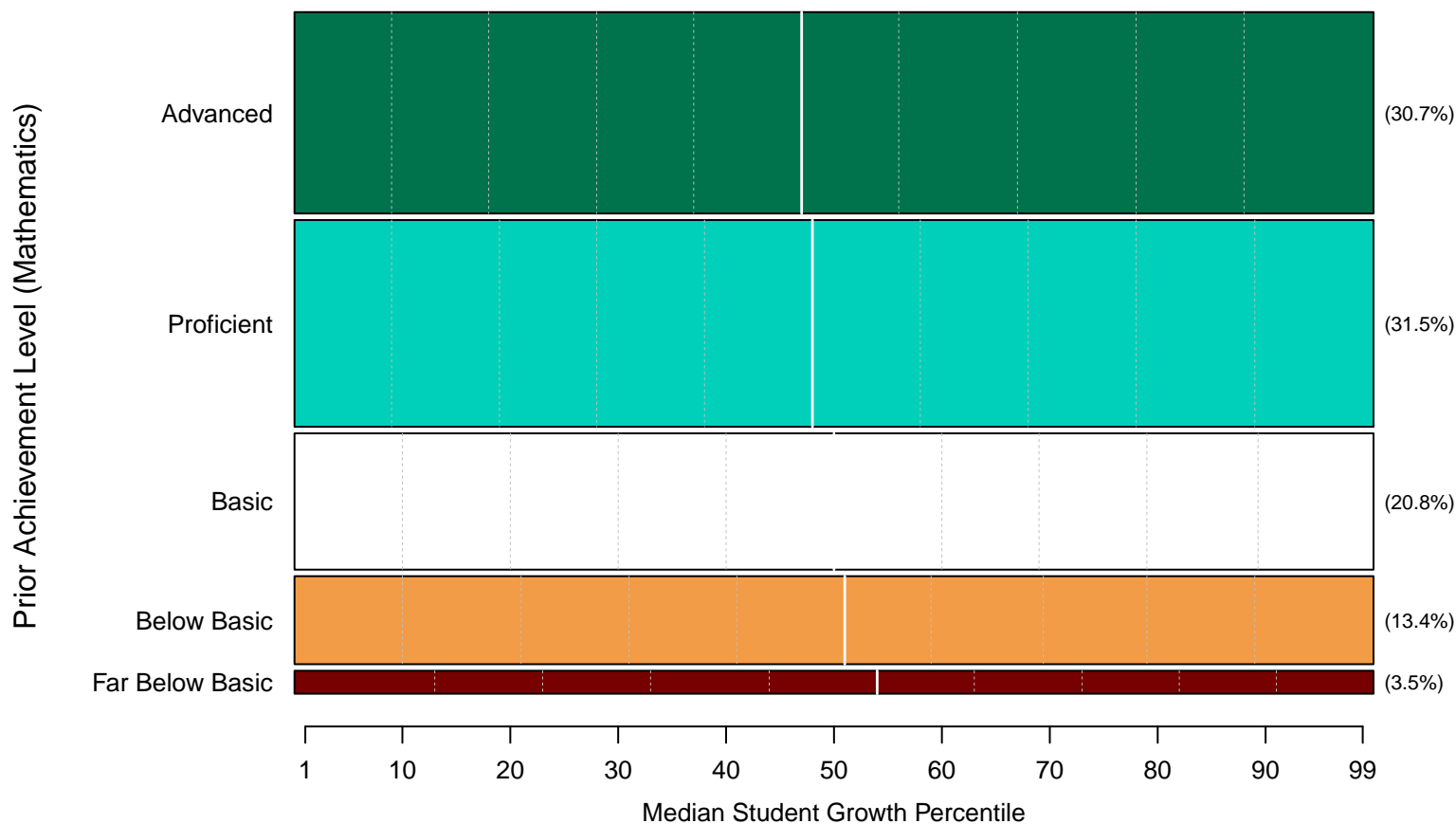## 2013 Mathematics SGP, Grade 6 (N = 37,257)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics):

- Advanced (30.7%)
- Proficient (31.5%)
- Basic (20.8%)
- Below Basic (13.4%)
- Far Below Basic (3.5%)

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/[150,276)	8.23	9.16	9.69	10.16	10.10	11.30	9.72	10.71	10.25	10.69	(9.2%)
2nd/[276,305)	9.33	9.41	10.36	9.97	10.39	10.61	10.42	9.61	9.72	10.19	(9.6%)
3rd/[305,334)	8.90	10.20	9.80	10.27	10.05	10.02	10.37	10.83	9.68	9.88	(11%)
4th/[334,359)	10.70	10.14	10.33	10.49	9.46	9.88	10.01	9.91	9.59	9.49	(10.2%)
5th/[359,380)	9.45	11.19	10.47	10.92	10.56	9.99	9.54	9.72	9.48	8.69	(8.9%)
6th/[380,406)	9.40	11.01	10.52	9.78	9.04	10.85	10.66	8.93	10.14	9.67	(9.8%)
7th/[406,436)	11.00	10.85	10.32	10.27	10.35	9.51	9.51	9.94	8.76	9.49	(10.6%)
8th/[436,466)	10.32	10.32	11.26	10.87	10.26	10.71	8.75	8.99	8.99	9.53	(8.9%)
9th/[466,510)	10.77	11.27	9.18	9.74	9.74	10.42	10.74	9.59	9.53	9.03	(9.1%)
10th/[510,600]	10.07	11.65	11.25	10.47	9.27	10.37	7.97	10.28	10.03	8.62	(12.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution