Student Growth Percentile Goodness–of–Fit Descriptives
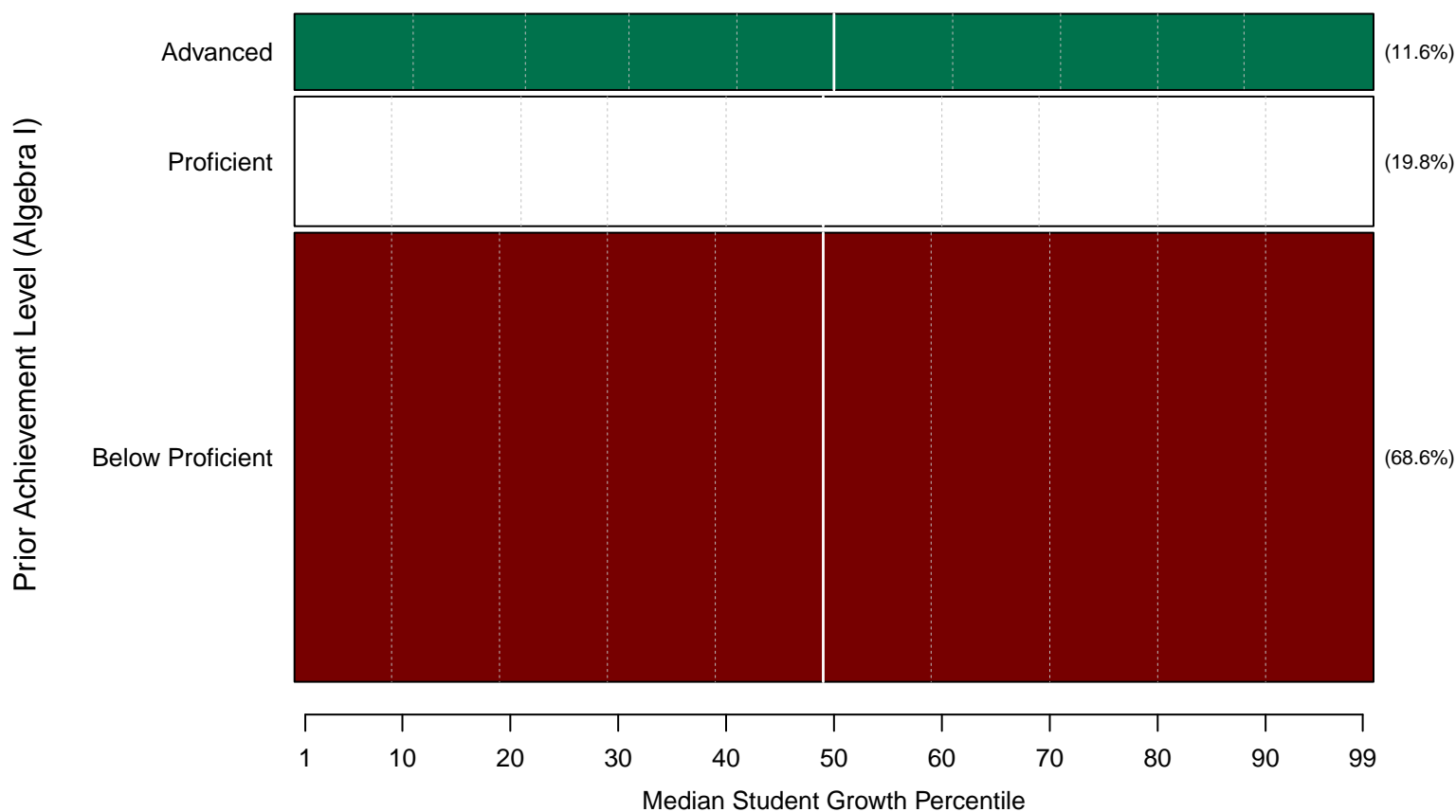## 2013 Algebra I SGP, Grade EOCT (N = 3,551)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

- Advanced (11.6%)
- Proficient (19.8%)
- Below Proficient (68.6%)

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/[130,142)	13.84	5.97	13.52	8.49	11.32	10.38	6.92	10.06	8.81	10.69	(9%)
2nd/[142,147)	9.46	11.75	9.17	8.31	9.46	10.03	12.03	9.17	10.60	10.03	(9.8%)
3rd/[147,150)	10.34	10.97	6.27	9.40	15.36	7.84	7.84	9.72	11.29	10.97	(9%)
4th/[150,153)	7.49	8.82	6.95	16.31	9.89	7.49	14.44	7.49	11.23	9.89	(10.5%)
5th/[153,155)	9.59	7.75	21.03	4.43	8.86	13.65	8.12	10.33	5.90	10.33	(7.6%)
6th/[155,158)	9.03	12.33	10.79	6.83	8.37	12.33	7.49	11.89	9.91	11.01	(12.8%)
7th/[158,160)	12.86	10.00	8.29	11.71	10.00	7.43	8.00	12.00	10.57	9.14	(9.9%)
8th/[160,163)	7.40	8.88	13.02	5.33	12.72	8.58	16.27	4.14	14.20	9.47	(9.5%)
9th/[163,168)	13.15	10.14	11.51	9.59	9.86	9.32	10.41	8.77	6.30	10.96	(10.3%)
10th/[168,199]	8.72	9.93	10.17	8.47	11.62	10.65	9.44	9.20	12.83	8.96	(11.6%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution