Student Growth Percentile Goodness–of–Fit Descriptives
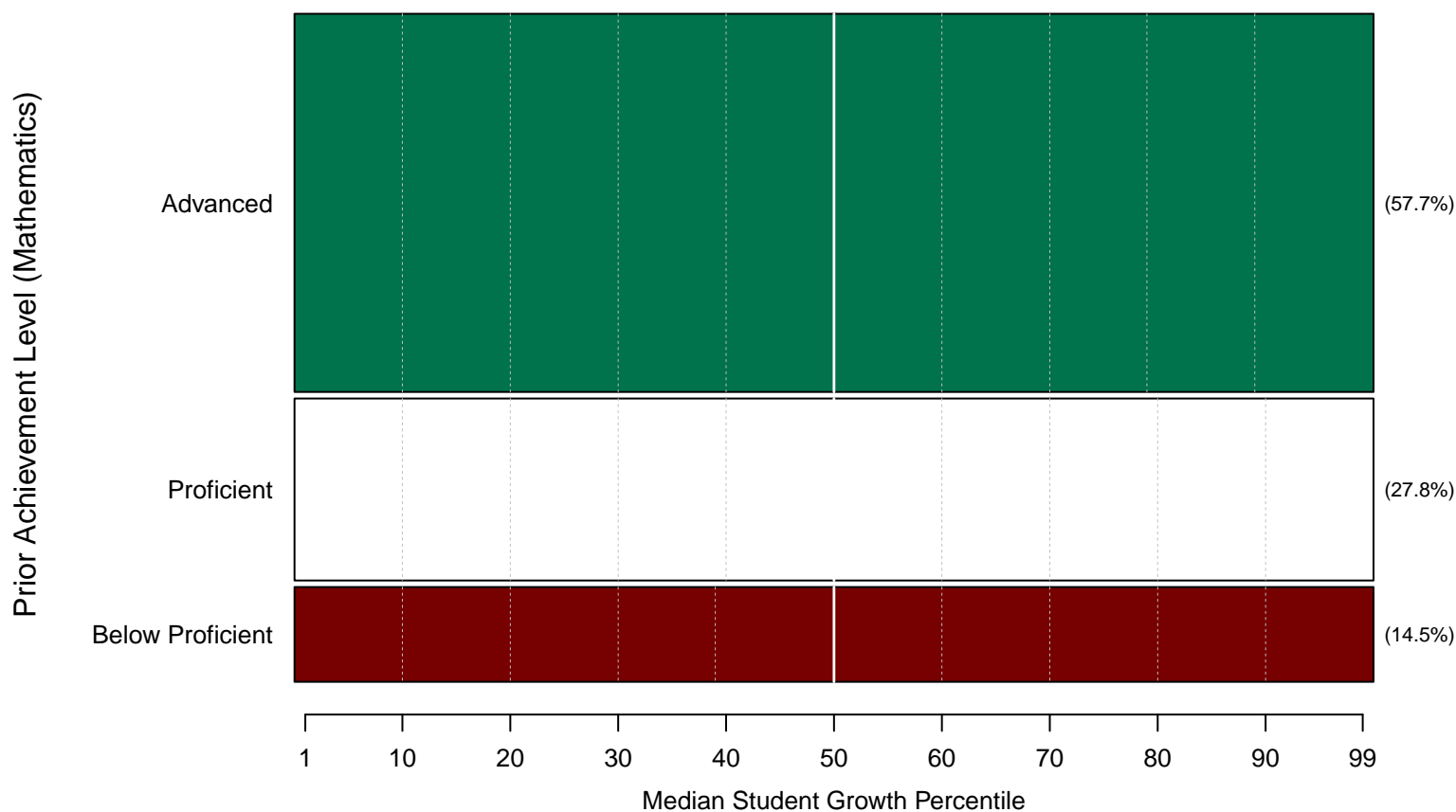## 2013 Pre Algebra SGP, Grade EOCT (N = 17,945)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Mathematics)

Advanced — (57.7%)

Proficient — (27.8%)

Below Proficient — (14.5%)

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/[130,156)	9.15	10.27	9.96	10.51	10.14	9.71	9.89	10.33	9.96	10.08	(9%)
2nd/[156,162)	10.20	9.82	10.09	9.18	10.14	10.36	9.77	9.88	9.82	10.73	(10.4%)
3rd/[162,165)	9.56	9.56	10.64	9.38	9.20	10.10	10.46	10.22	9.86	11.00	(9.3%)
4th/[165,168)	9.54	10.52	9.02	11.26	10.92	9.31	9.77	9.60	10.75	9.31	(9.7%)
5th/[168,170)	9.18	10.11	11.17	10.60	9.32	9.89	10.25	9.75	9.18	10.53	(7.8%)
6th/[170,172)	9.40	10.01	7.81	11.17	9.58	10.43	9.52	10.19	10.56	11.35	(9.1%)
7th/[172,175)	10.11	10.72	10.33	8.56	10.67	10.22	9.94	10.06	9.67	9.72	(10%)
8th/[175,179)	9.29	10.08	11.59	9.19	10.13	9.62	10.32	9.80	10.08	9.90	(11.9%)
9th/[179,186)	9.00	9.77	9.05	10.67	10.58	10.15	9.48	10.67	10.24	10.39	(11.7%)
10th/[186,199]	10.77	9.56	10.12	10.72	9.10	11.89	9.61	10.12	9.41	8.70	(11%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution