Student Growth Percentile Goodness–of–Fit Descriptives
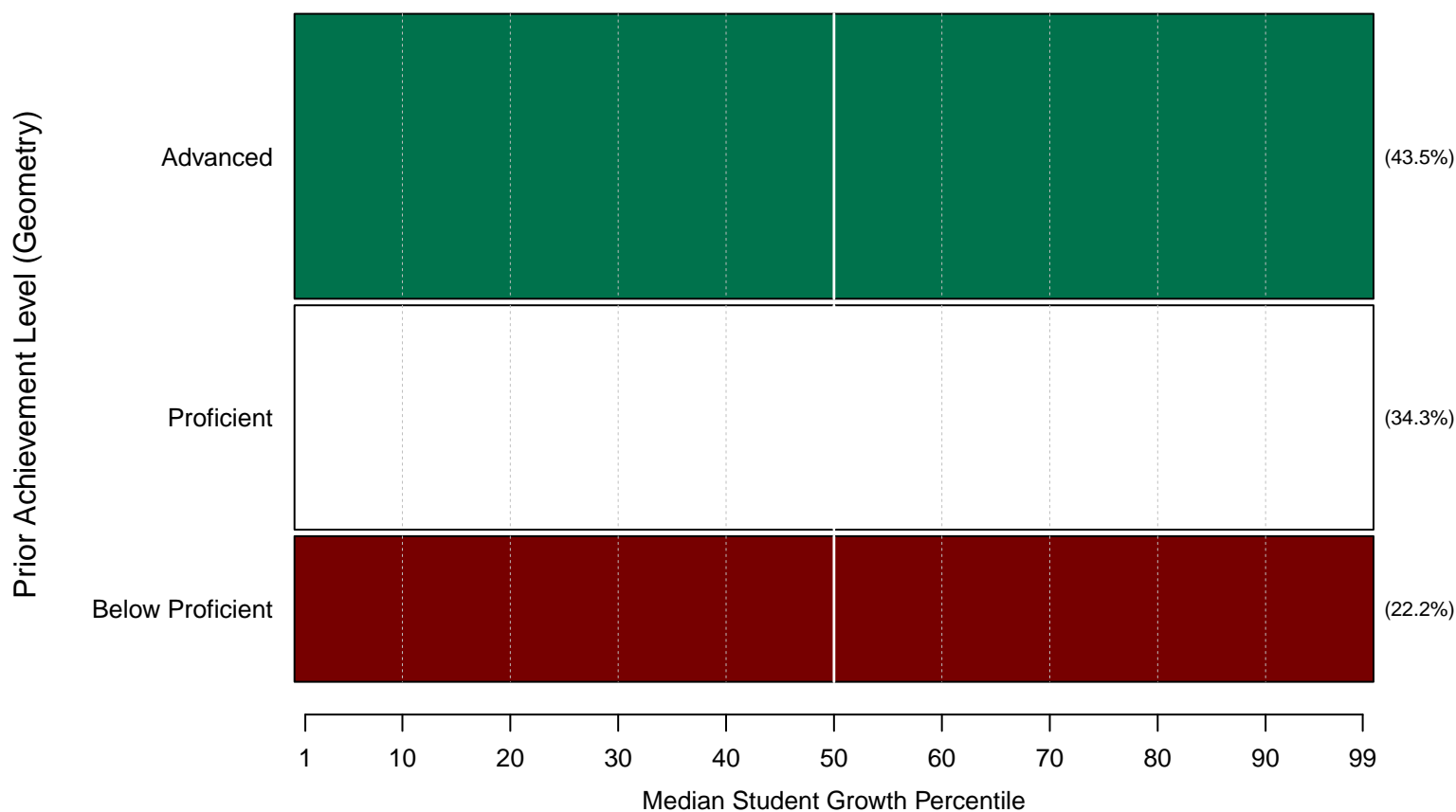## 2012 Algebra II SGP, Grade EOCT (N = 14,733)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Advanced	(43.5%)
Proficient	(34.3%)
Below Proficient	(22.2%)

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/[130,155)	9.46	9.83	10.14	10.36	9.61	10.51	9.15	10.36	10.14	10.44	(9%)
2nd/[155,159)	9.49	10.43	9.55	10.06	10.81	9.68	11.06	9.62	9.24	10.06	(10.8%)
3rd/[159,161)	10.24	9.89	10.59	9.54	9.62	9.80	9.36	9.89	10.67	10.41	(7.8%)
4th/[161,163)	8.79	9.77	9.88	8.90	8.58	10.53	10.64	12.05	10.42	10.42	(6.3%)
5th/[163,166)	9.85	9.85	9.29	11.28	10.17	9.89	9.62	9.02	9.80	11.23	(14.7%)
6th/[166,168)	8.79	10.48	11.07	9.55	10.57	9.04	10.31	9.64	10.99	9.55	(8%)
7th/[168,170)	9.85	9.70	10.15	9.70	9.70	10.37	10.15	11.11	9.26	10.00	(9.2%)
8th/[170,173)	10.08	10.28	10.28	8.83	9.94	10.08	10.28	10.08	9.59	10.56	(9.8%)
9th/[173,180)	9.36	9.73	9.69	10.86	10.44	10.11	9.17	9.73	10.81	10.11	(14.4%)
10th/[180,199]	9.64	10.11	10.18	9.37	9.64	10.31	10.51	9.84	9.57	10.85	(10.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

0 10 20 30 40 50 60 70 80 90 100

Empirical SGP Distribution