Student Growth Percentile Goodness–of–Fit Descriptives
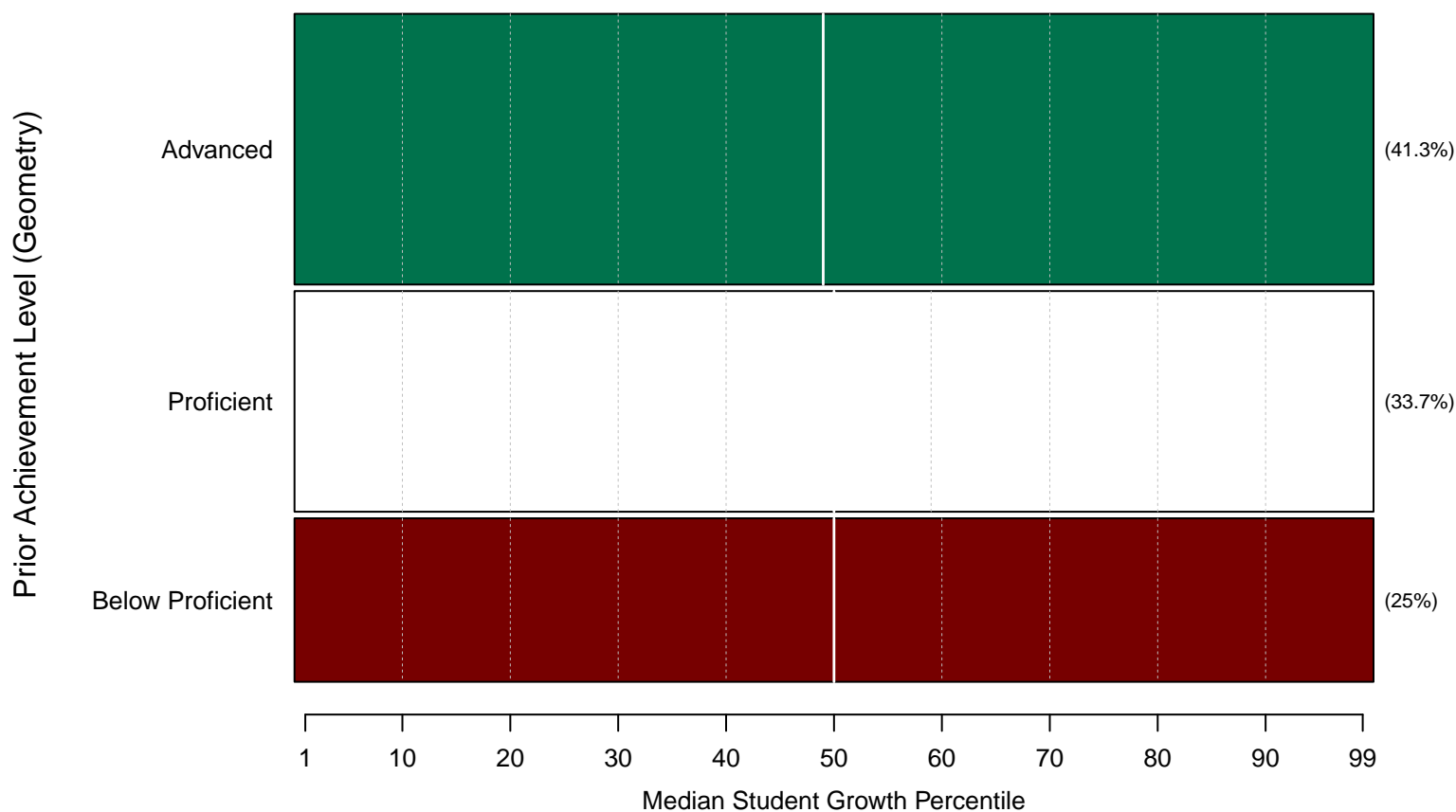## 2013 Algebra II SGP, Grade EOCT (N = 16,291)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Advanced — (41.3%)
Proficient — (33.7%)
Below Proficient — (25%)

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/[130,154)	10.05	10.19	9.65	9.32	9.72	10.25	9.45	10.39	9.92	11.05	(9.2%)
2nd/[154,158)	9.31	8.89	10.57	11.17	10.21	10.09	10.81	10.09	10.15	8.71	(10.2%)
3rd/[158,160)	9.21	10.99	10.54	9.32	9.10	7.55	10.54	9.54	10.65	12.54	(5.5%)
4th/[160,163)	9.88	10.28	10.28	9.22	10.13	10.54	9.68	9.98	9.37	10.64	(12.1%)
5th/[163,165)	9.62	9.93	8.95	11.04	10.55	10.18	9.25	10.67	9.25	10.55	(10%)
6th/[165,168)	9.03	10.19	10.03	9.66	9.93	10.61	10.30	9.08	10.77	10.40	(11.6%)
7th/[168,170)	10.18	9.60	10.69	9.96	9.60	9.68	9.75	10.32	10.04	10.18	(8.5%)
8th/[170,174)	9.55	9.94	9.89	10.04	10.58	9.26	10.43	10.38	9.94	9.99	(12.5%)
9th/[174,178)	9.63	10.15	10.37	10.15	9.48	9.93	9.18	10.15	10.00	10.97	(8.2%)
10th/[178,199]	9.46	10.42	9.66	9.61	11.34	9.56	10.93	8.80	10.78	9.46	(12.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution