Student Growth Percentile Goodness–of–Fit Descriptives
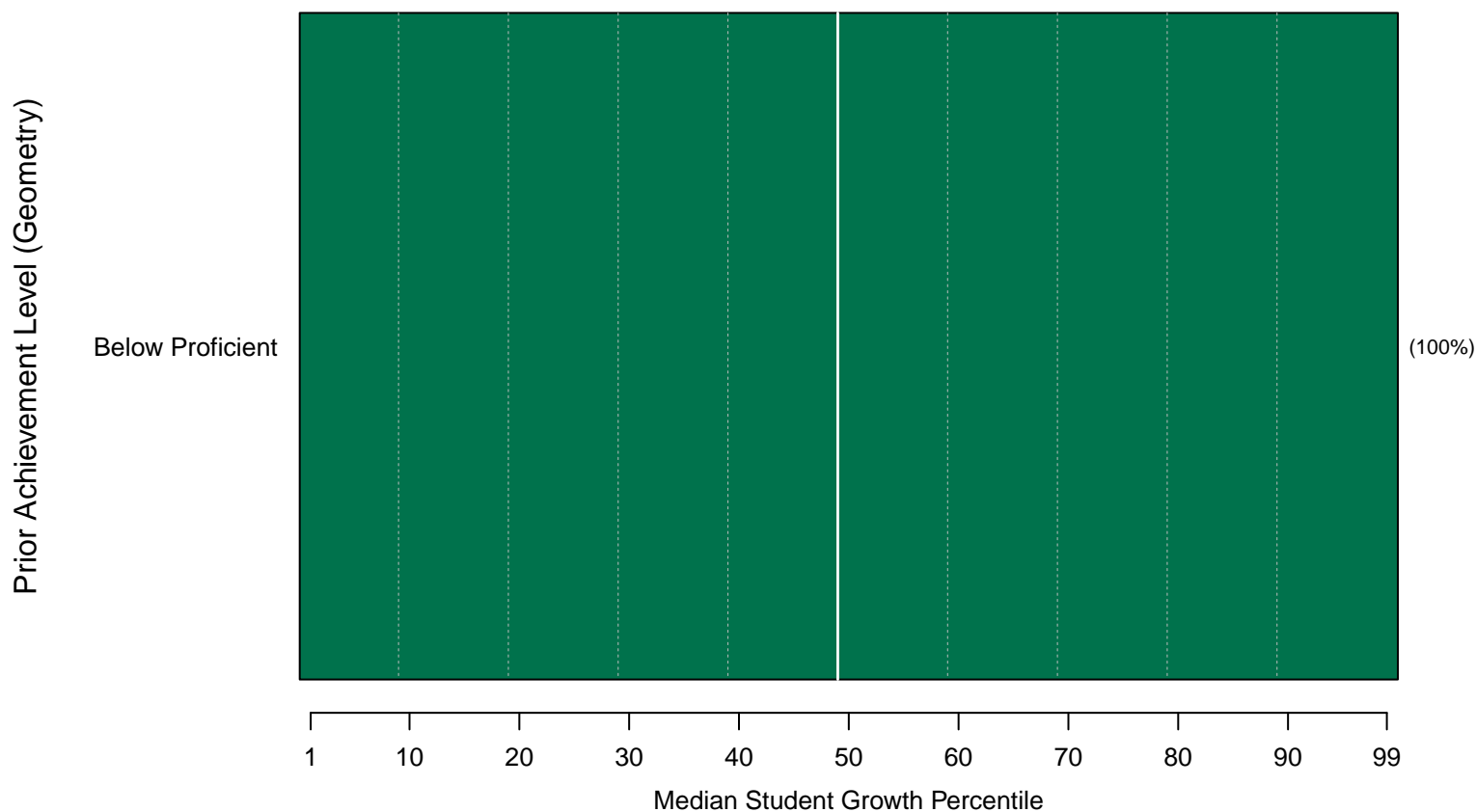
2013 Algebra II SGP, Grade EOCT (N = 4,519)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Below Proficient — (100%)

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/[130,160)	11.75	9.04	10.84	9.94	8.13	9.04	10.54	9.94	10.54	10.24	(7.3%)
2nd/[160,163)	9.28	9.88	8.98	11.38	11.08	11.08	10.78	9.88	10.18	7.49	(7.4%)
3rd/[163,166)	10.26	11.79	9.91	9.40	9.06	9.74	10.77	9.74	8.55	10.77	(12.9%)
4th/[166,168)	9.03	9.03	10.13	8.37	10.79	12.11	9.47	8.15	11.89	11.01	(10%)
5th/[168,170)	11.58	10.29	9.19	10.85	10.48	8.09	9.56	11.58	9.93	8.46	(12%)
6th/[170,171)	7.05	9.73	11.41	11.41	9.73	11.07	9.73	10.40	9.73	9.73	(6.6%)
7th/[171,174)	10.97	9.56	9.56	10.44	9.20	10.44	9.56	10.27	9.38	10.62	(12.5%)
8th/[174,175)	10.16	10.16	13.11	8.20	11.80	8.20	9.51	9.18	10.82	8.85	(6.7%)
9th/[175,181)	10.63	10.09	7.39	10.63	10.09	10.09	9.01	10.81	10.81	10.45	(12.3%)
10th/[181,199]	9.51	9.87	11.33	8.78	10.24	10.60	11.15	8.78	9.14	10.60	(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