Student Growth Percentile Goodness–of–Fit Descriptives
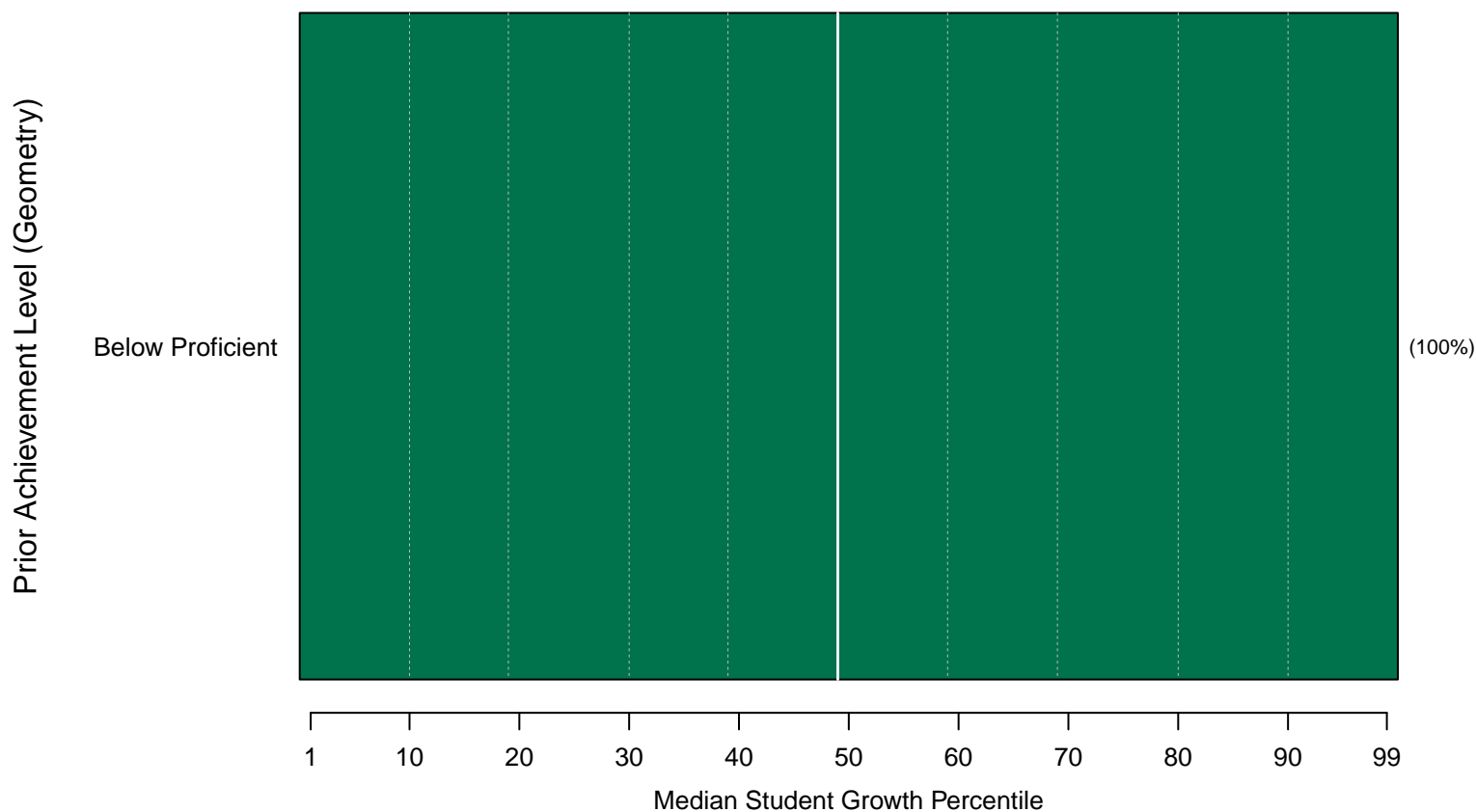## 2011 Algebra II SGP, Grade EOCT (N = 22,243)

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/[130,154)	10.89	9.26	10.41	9.55	10.56	10.36	9.36	9.55	9.98	10.08	(9.4%)
2nd/[154,158)	9.41	9.30	9.91	11.30	8.86	9.63	10.41	11.52	9.03	10.63	(8.1%)
3rd/[158,161)	8.88	11.81	8.58	9.69	12.45	7.22	10.50	10.75	9.94	10.16	(10.6%)
4th/[161,163)	10.50	10.98	6.18	10.43	11.74	11.19	13.32	5.90	11.05	8.72	(6.6%)
5th/[163,166)	10.67	11.01	9.86	10.89	6.66	12.41	7.09	9.21	10.36	11.82	(14.4%)
6th/[166,168)	9.37	12.64	7.24	10.23	11.44	4.89	14.08	8.62	11.44	10.06	(7.8%)
7th/[168,171)	9.51	8.98	10.88	10.00	11.90	8.84	10.25	10.11	9.68	9.86	(12.8%)
8th/[171,174)	9.02	11.80	7.61	13.01	7.19	12.49	10.18	6.51	13.48	8.71	(8.6%)
9th/[174,177)	10.16	9.82	12.49	7.21	13.11	8.17	8.68	10.05	9.19	11.12	(7.9%)
10th/[177,199]	9.83	10.39	8.99	11.75	9.22	10.71	10.13	10.71	8.34	9.93	(13.9%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution