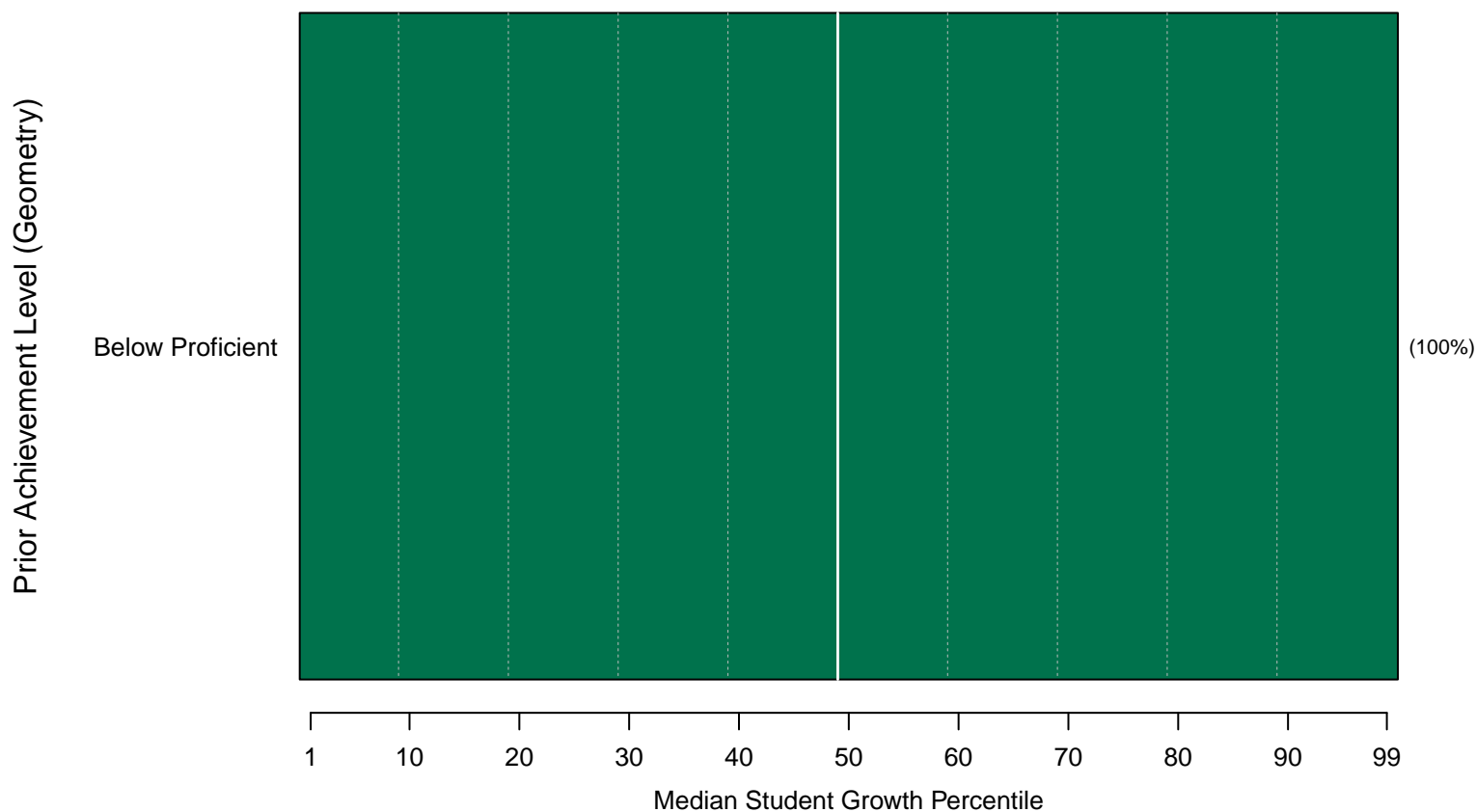# Student Growth Percentile Goodness–of–Fit Descriptives
2013 Algebra II SGP, Grade EOCT (N = 3,674)

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/[130,151]	12.11	8.39	10.56	8.07	9.01	9.94	10.87	9.94	10.56	10.56	(8.8%)
2nd/[151,155]	9.97	9.97	9.12	11.11	11.11	9.97	9.97	8.83	9.40	10.54	(9.6%)
3rd/[155,157]	11.93	9.47	10.70	9.88	11.52	9.47	10.70	9.05	9.88	7.41	(6.6%)
4th/[157,159]	7.39	9.01	11.09	11.32	9.70	11.09	7.39	13.86	9.93	9.24	(11.8%)
5th/[159,161]	9.87	11.88	10.76	9.64	9.64	10.09	9.42	8.07	10.31	10.31	(12.1%)
6th/[161,163]	11.44	9.68	9.97	8.21	8.80	9.09	11.14	8.21	9.68	13.78	(9.3%)
7th/[163,164]	8.54	8.54	7.83	10.68	13.52	10.68	12.46	11.03	10.68	6.05	(7.6%)
8th/[164,167]	10.81	10.14	9.91	10.14	7.88	9.68	11.26	8.78	10.81	10.59	(12.1%)
9th/[167,171]	8.37	11.16	10.70	10.93	11.16	10.47	7.21	10.93	9.53	9.53	(11.7%)
10th/[171,199]	11.75	9.92	8.88	9.66	9.92	9.40	11.23	10.18	9.40	9.66	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution