Student Growth Percentile Goodness–of–Fit Descriptives
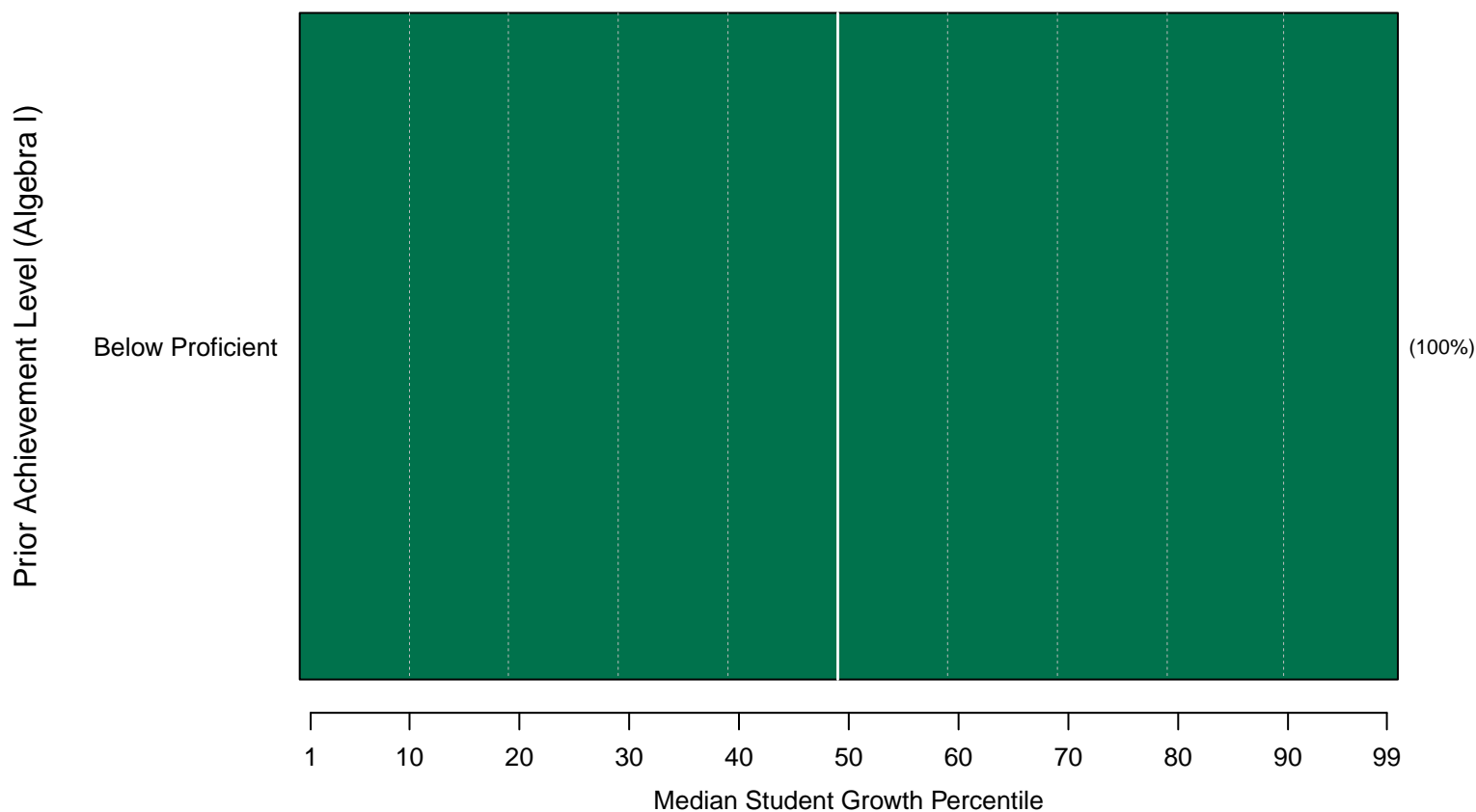## 2012 Geometry SGP, Grade EOCT (N = 4,625)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Algebra I)

Below Proficient

(100%)

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/[130,149)	9.09	9.87	10.13	9.35	10.13	9.87	10.39	10.39	10.39	10.39	(8.3%)
2nd/[149,154)	11.72	10.40	10.40	10.78	9.83	8.70	10.40	9.07	9.26	9.45	(11.4%)
3rd/[154,156)	8.24	11.26	9.89	11.54	9.34	12.36	9.07	8.52	10.99	8.79	(7.9%)
4th/[156,158)	10.40	8.05	8.72	7.38	9.73	10.07	11.74	11.41	9.06	13.42	(6.4%)
5th/[158,160)	8.35	8.77	10.23	11.48	8.35	10.86	10.65	10.44	10.44	10.44	(10.4%)
6th/[160,163)	10.14	12.54	10.28	9.01	10.56	9.44	8.73	10.99	8.87	9.44	(15.4%)
7th/[163,164)	11.80	8.43	10.67	11.52	12.92	8.15	9.83	7.30	11.24	8.15	(7.7%)
8th/[164,167)	8.94	10.27	9.32	9.13	10.08	10.46	10.65	10.46	10.27	10.46	(11.4%)
9th/[167,170)	10.07	8.53	9.85	10.50	6.78	11.16	10.72	11.16	10.72	10.50	(9.9%)
10th/[170,199]	10.75	10.75	10.36	9.40	11.52	9.60	9.60	8.83	9.21	9.98	(11.3%)

*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

0   10   20   30   40   50   60   70   80   90   100