Student Growth Percentile Goodness–of–Fit Descriptives
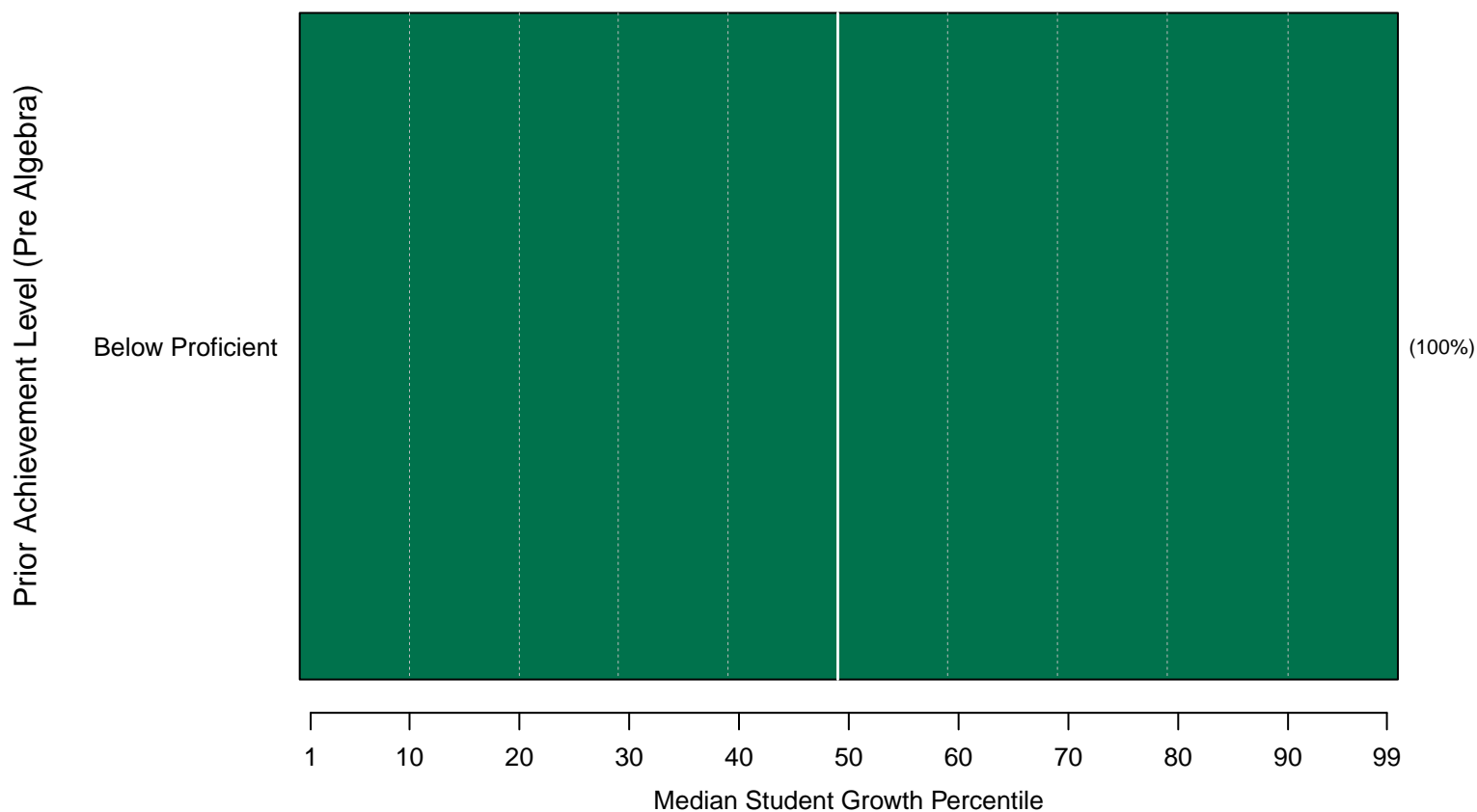## 2011 Algebra I SGP, Grade EOCT (N = 27,802)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

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)	10.86	9.92	9.79	8.51	10.63	10.41	10.19	9.75	9.39	10.54	(8.1%)
2nd/[154,159)	9.53	10.44	9.53	11.17	9.41	9.98	10.90	8.95	10.02	10.06	(9.4%)
3rd/[159,162)	8.71	11.36	10.88	9.26	8.82	8.99	9.78	11.67	11.12	9.40	(10.4%)
4th/[162,165)	10.45	9.89	8.77	11.24	12.22	7.33	11.93	7.85	8.80	11.53	(10.9%)
5th/[165,167)	9.62	9.49	11.58	10.84	7.57	15.71	4.71	9.37	10.60	10.52	(8.8%)
6th/[167,169)	10.49	9.35	10.84	7.11	15.32	4.66	11.20	10.42	11.45	9.17	(10.1%)
7th/[169,171)	8.64	10.87	8.78	14.21	7.63	9.05	11.75	10.40	7.93	10.74	(10.7%)
8th/[171,174)	9.72	11.03	9.55	8.54	8.74	12.68	9.68	9.85	10.26	9.95	(10.7%)
9th/[174,178)	9.70	9.43	11.27	8.33	13.56	11.73	7.75	8.02	9.85	10.35	(9.4%)
10th/[178,199]	10.53	9.14	11.16	9.68	10.50	7.57	14.47	8.80	9.71	8.45	(11.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution