Student Growth Percentile Goodness–of–Fit Descriptives
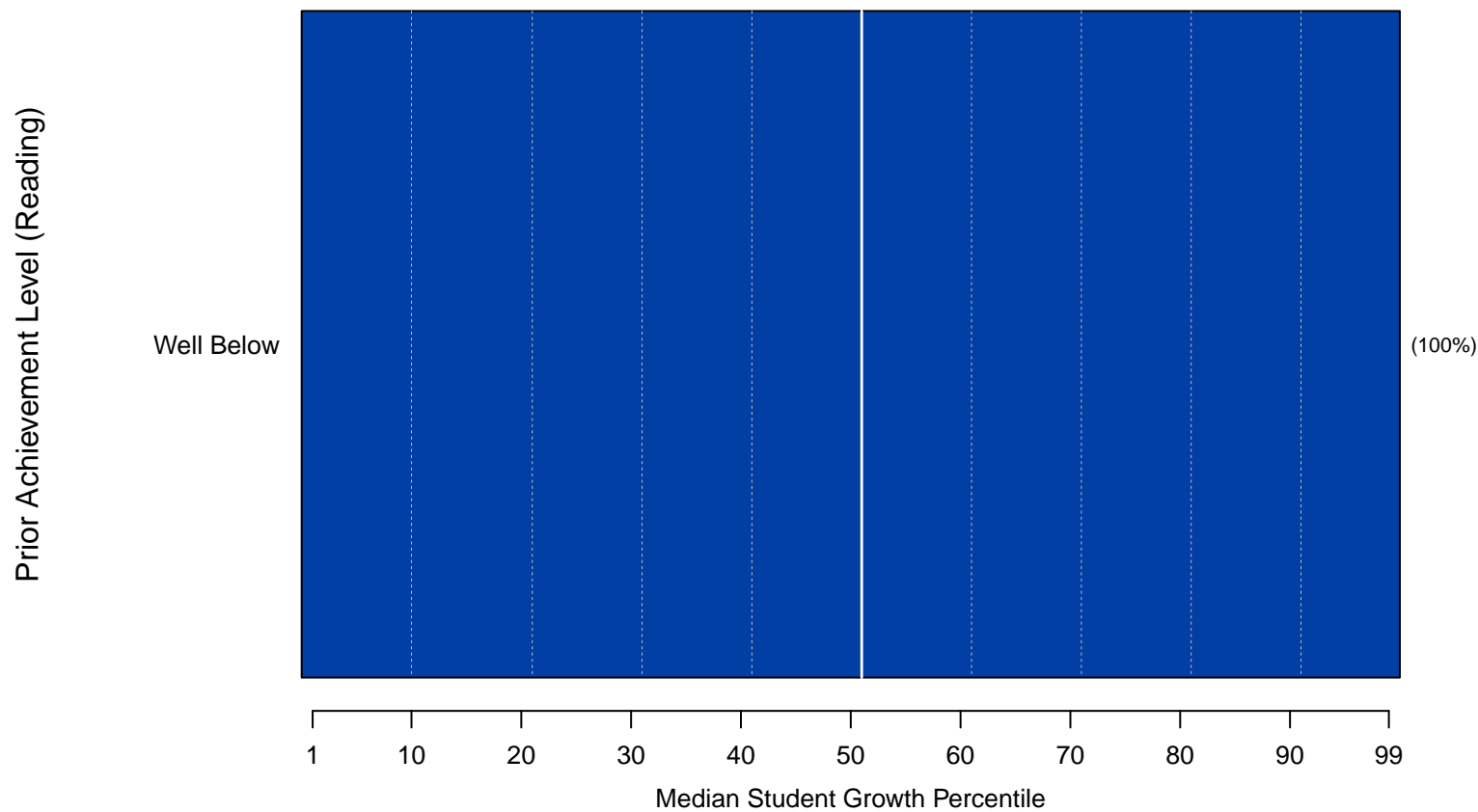## 2015 Reading SGP, Grade 7 (N = 11,985)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Reading): Well Below (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/[2.21e+03,2.39e+03)	8.88	9.64	10.48	9.30	10.48	8.79	9.72	10.06	11.16	11.50	(9.9%)
2nd/[2.39e+03,2.44e+03)	9.27	10.06	9.53	9.09	9.44	10.24	9.44	9.44	10.77	12.71	(9.5%)
3rd/[2.44e+03,2.47e+03)	8.20	9.58	9.92	9.49	9.92	10.01	11.39	10.01	10.53	10.96	(9.7%)
4th/[2.47e+03,2.49e+03)	9.47	10.08	10.42	10.68	10.08	7.58	9.91	9.56	11.80	10.42	(9.7%)
5th/[2.49e+03,2.52e+03)	7.43	9.53	9.68	10.14	9.98	11.86	9.76	10.59	9.38	11.64	(11.1%)
6th/[2.52e+03,2.55e+03)	11.76	9.73	10.15	9.73	9.64	9.64	9.14	9.64	10.32	10.24	(9.9%)
7th/[2.55e+03,2.57e+03)	7.39	9.06	9.59	9.85	10.47	9.15	10.47	10.55	11.08	12.40	(9.5%)
8th/[2.57e+03,2.6e+03)	9.52	10.01	11.06	10.01	9.28	10.25	8.96	10.73	10.17	10.01	(10.3%)
9th/[2.6e+03,2.63e+03)	10.12	9.96	9.05	9.71	10.12	9.79	10.53	9.47	10.70	10.53	(10.1%)
10th/[2.63e+03,2.72e+03]	9.16	9.89	9.16	10.61	10.29	9.81	9.97	10.85	10.21	10.05	(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