Student Growth Percentile Goodness−of−Fit Descriptives

2014−2015 Reading SGP, Grade 7 (N = 18,995)

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/[2.22e+03,2.4e+03)	9.88	10.16	10.10	10.21	9.88	10.27	9.10	9.54	9.88	10.99	(9.4%)
2nd/[2.4e+03,2.44e+03)	9.00	9.81	9.66	9.81	9.66	9.66	10.67	10.52	9.96	11.23	(10.4%)
3rd/[2.44e+03,2.47e+03)	9.28	10.95	10.48	9.17	10.43	10.48	9.75	9.75	9.75	9.96	(10%)
4th/[2.47e+03,2.49e+03)	10.38	8.71	10.64	10.12	9.13	9.13	9.75	9.96	9.91	12.26	(10.1%)
5th/[2.49e+03,2.51e+03)	9.71	11.06	9.65	9.84	9.97	9.84	10.35	10.10	9.90	9.58	(8.2%)
6th/[2.51e+03,2.54e+03)	9.15	10.47	9.67	9.62	10.57	9.95	10.33	9.58	10.61	10.05	(11.2%)
7th/[2.54e+03,2.56e+03)	9.60	9.76	10.38	10.02	9.86	10.79	9.55	10.07	9.34	10.64	(10.1%)
8th/[2.56e+03,2.59e+03)	10.15	9.33	9.43	10.05	9.79	8.77	10.50	9.79	11.01	11.17	(10.3%)
9th/[2.59e+03,2.62e+03)	9.60	10.37	10.37	10.20	10.31	10.47	9.11	10.53	9.00	10.04	(9.6%)
10th/[2.62e+03,2.72e+03]	9.08	9.73	9.88	10.02	9.83	10.12	10.57	9.38	10.52	10.87	(10.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution / Empirical SGP Distribution