Student Growth Percentile Goodness–of–Fit Descriptives

2014–2015 Reading SGP, Grade 10 (N = 17,364)

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/[2.3e+03,2.42e+03)	10.59	10.54	10.31	9.10	9.90	9.10	9.90	10.02	9.84	10.71	(10%)
2nd/[2.42e+03,2.46e+03)	8.84	10.58	10.52	10.46	10.52	10.04	9.56	9.80	9.20	10.46	(9.6%)
3rd/[2.46e+03,2.5e+03)	10.34	10.57	9.11	10.40	9.33	9.61	9.50	10.01	10.12	11.02	(10.2%)
4th/[2.5e+03,2.52e+03)	9.81	9.92	10.33	9.98	10.39	9.87	10.79	9.29	10.10	9.52	(10%)
5th/[2.52e+03,2.55e+03)	9.91	10.61	9.77	9.91	9.42	9.91	9.49	10.47	10.05	10.47	(8.3%)
6th/[2.55e+03,2.58e+03)	9.44	9.24	10.12	10.26	10.41	9.63	9.19	10.31	10.07	11.33	(11.8%)
7th/[2.58e+03,2.61e+03)	9.85	10.34	10.16	9.31	9.73	9.79	11.00	9.61	10.22	9.98	(9.5%)
8th/[2.61e+03,2.64e+03)	9.95	9.21	9.78	9.89	10.52	10.52	10.01	10.29	9.43	10.41	(10.1%)
9th/[2.64e+03,2.68e+03)	9.78	10.47	10.01	10.35	9.73	9.33	9.33	10.24	10.30	10.47	(10.1%)
10th/[2.68e+03,2.8e+03]	9.10	10.04	9.49	9.93	9.54	10.71	10.60	10.04	9.66	10.88	(10.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution