Student Growth Percentile Goodness–of–Fit Descriptives

2014–2015 Mathematics SGP, Grade 11 (N = 16,068)

Student Growth Percentile Range

Prior Scale Score Decile/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/[2.33e+03,2.39e+03)	10.08	10.01	10.14	10.76	9.80	9.73	9.94	9.73	9.80	10.01	(9.1%)
2nd/[2.39e+03,2.44e+03)	9.88	9.51	9.88	9.82	10.44	10.07	9.57	9.94	10.13	10.75	(10.1%)
3rd/[2.44e+03,2.46e+03)	10.46	10.27	9.07	9.96	9.70	9.33	9.89	11.03	9.83	10.46	(9.9%)
4th/[2.46e+03,2.49e+03)	9.31	10.40	11.30	10.21	10.33	10.33	9.69	8.73	9.95	9.76	(9.7%)
5th/[2.49e+03,2.51e+03)	9.94	9.75	10.33	8.84	9.03	10.01	10.07	10.33	10.59	11.11	(9.6%)
6th/[2.51e+03,2.54e+03)	9.53	10.10	9.93	9.98	9.98	9.87	9.48	10.66	9.31	11.17	(11%)
7th/[2.54e+03,2.56e+03)	10.31	9.88	9.44	11.19	11.01	8.92	9.79	9.27	10.40	9.79	(7.1%)
8th/[2.56e+03,2.6e+03)	9.52	9.63	9.46	9.13	10.14	10.76	10.42	10.25	10.20	10.48	(11%)
9th/[2.6e+03,2.66e+03)	9.50	9.75	10.40	10.50	8.95	10.10	9.70	10.20	10.35	10.55	(12.4%)
10th/[2.66e+03,2.86e+03]	9.79	9.98	10.04	9.73	10.84	9.91	10.10	9.98	9.17	10.47	(10%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution