Student Growth Percentile Goodness–of–Fit Descriptives

2014–2015 Mathematics SGP, Grade 10 (N = 17,420)

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/[2.28e+03,2.37e+03)	10.44	9.33	10.97	9.86	10.31	9.79	9.60	9.53	9.79	10.38	(8.8%)
2nd/[2.37e+03,2.42e+03)	9.69	10.74	9.69	9.94	9.81	10.25	10.00	10.19	9.63	10.06	(9.3%)
3rd/[2.42e+03,2.46e+03)	9.73	10.42	10.47	9.53	9.83	9.68	9.73	10.17	10.12	10.32	(11.6%)
4th/[2.46e+03,2.49e+03)	9.90	10.22	9.77	9.96	9.58	10.15	10.86	9.51	9.96	10.09	(8.9%)
5th/[2.49e+03,2.52e+03)	9.79	10.69	10.05	10.05	10.74	10.11	9.15	9.41	10.05	9.95	(10.8%)
6th/[2.52e+03,2.55e+03)	9.65	10.05	9.70	9.65	9.01	9.94	9.88	10.69	9.65	11.80	(9.9%)
7th/[2.55e+03,2.57e+03)	9.89	9.25	10.54	9.46	10.75	10.04	10.90	10.61	9.03	9.53	(8%)
8th/[2.57e+03,2.6e+03)	9.23	10.77	9.82	10.36	9.77	9.77	9.46	10.05	10.59	10.18	(12.7%)
9th/[2.6e+03,2.64e+03)	10.07	9.48	9.87	9.80	10.20	10.26	10.07	9.02	10.26	10.98	(8.8%)
10th/[2.64e+03,2.86e+03]	9.94	9.94	9.99	9.48	9.64	9.99	10.05	10.35	10.10	10.51	(11.2%)

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

QQ–Plot: Student Growth Percentiles