Student Growth Percentile Goodness−of−Fit Descriptives
2012 Mathematics, Grade Progression 2−3−4−5 (N = 41,835)

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/[150,291]	9.54	10.26	9.81	9.86	9.66	10.23	10.18	10.18	10.01	10.26	(9.6%)
2nd/[291,325]	10.25	10.13	10.08	10.32	9.87	9.38	9.68	9.87	9.96	10.46	(10.2%)
3rd/[325,350]	8.70	9.96	9.74	10.36	10.12	10.74	9.65	9.96	10.03	10.76	(10.1%)
4th/[350,370]	9.43	9.73	10.43	9.93	9.63	9.46	10.75	10.41	10.11	10.11	(9.6%)
5th/[370,389]	10.10	10.18	9.68	9.78	10.12	9.47	9.73	10.12	10.04	10.78	(9.1%)
6th/[389,403]	9.61	10.43	10.40	9.25	9.74	10.86	9.74	10.20	8.69	11.06	(7.3%)
7th/[403,432]	9.11	9.60	9.71	10.55	10.42	9.55	10.29	10.22	9.98	10.56	(13.2%)
8th/[432,463]	10.30	10.34	9.51	9.92	9.40	10.75	10.41	9.02	11.13	9.22	(10.6%)
9th/[463,486]	9.17	9.96	10.25	10.33	9.71	9.75	9.00	10.58	10.66	10.58	(5.8%)
10th/[486,600]	9.59	9.93	10.20	9.92	9.98	10.38	10.10	10.67	8.80	10.44	(14.5%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution — Empirical SGP Distribution