Student Growth Percentile Goodness−of−Fit Descriptives
2012 Mathematics, Grade Progression 4−5−6−7 (N = 34,581)

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/[163,255)	9.37	10.33	10.68	9.62	10.36	10.10	10.10	9.43	9.27	10.74	(9%)
2nd/[255,278)	9.72	10.14	9.72	10.14	9.89	9.63	9.89	10.12	10.17	10.57	(10.2%)
3rd/[278,294)	9.20	9.79	9.70	9.54	9.39	10.04	10.13	10.75	10.51	10.94	(9.3%)
4th/[294,311)	9.43	10.05	9.58	10.43	10.61	10.08	10.40	9.75	9.66	10.02	(9.8%)
5th/[311,327)	9.85	10.30	10.76	10.33	9.93	9.96	9.21	9.96	9.67	10.02	(10.1%)
6th/[327,344)	9.28	10.20	9.93	9.49	9.87	9.69	10.08	10.22	10.22	11.02	(9.8%)
7th/[344,362)	8.96	9.54	9.47	9.54	9.72	10.75	10.99	10.36	10.05	10.63	(9.5%)
8th/[362,388)	9.36	9.85	10.31	10.44	9.75	9.87	10.23	9.87	9.59	10.72	(11.3%)
9th/[388,420)	9.70	10.37	10.11	10.49	10.22	9.67	9.47	9.70	10.05	10.22	(9.9%)
10th/[420,600)	9.40	9.74	9.84	9.79	10.08	10.29	10.29	10.42	10.16	10.00	(11%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution