Student Growth Percentile Goodness−of−Fit Descriptives
2011 Mathematics, Grade Progression 4−5−6−7−8 (N = 1,919)

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/[592,650]	11.46	10.94	9.90	11.46	9.38	10.42	10.94	9.38	7.29	8.85	(10%)
2nd/[650,664]	10.27	8.11	10.27	10.81	8.65	12.43	11.35	8.11	9.19	10.81	(9.6%)
3rd/[664,674]	7.94	12.17	10.58	7.41	10.58	10.05	11.64	12.70	6.88	10.05	(9.8%)
4th/[674,686]	11.17	11.17	7.26	8.38	12.29	11.73	7.82	7.26	10.06	12.85	(9.3%)
5th/[686,696]	11.28	9.23	11.28	12.31	12.31	8.72	8.72	8.21	9.23	8.72	(10.2%)
6th/[696,705]	13.68	10.53	5.26	11.05	8.95	6.32	10.00	10.53	11.58	12.11	(9.9%)
7th/[705,718]	7.55	7.08	11.79	11.79	12.74	9.91	9.43	10.38	9.91	9.43	(11%)
8th/[718,729]	14.12	9.04	6.78	8.47	7.91	14.12	10.17	9.60	8.47	11.30	(9.2%)
9th/[729,749]	9.18	12.24	11.22	10.71	8.16	10.20	8.67	9.18	12.76	7.65	(10.2%)
10th/[749,831]	13.24	11.76	8.82	10.29	9.80	10.29	12.25	7.84	8.33	7.35	(10.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution
Empirical SGP Distribution