Student Growth Percentile Goodness−of−Fit Descriptives
2009 Science, Grade Progression 4–5–6 (N = 1,958)

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/[561,621)	11.11	11.11	8.47	11.11	11.64	8.47	10.58	10.58	8.99	7.94	(9.7%)
2nd/[621,632)	9.20	8.05	10.92	8.62	10.92	10.34	7.47	9.20	14.94	10.34	(8.9%)
3rd/[632,640)	9.55	9.55	10.67	10.11	6.74	11.80	13.48	8.99	7.87	11.24	(9.1%)
4th/[640,648)	7.65	10.71	10.71	9.69	16.33	7.65	8.67	8.16	11.22	9.18	(10%)
5th/[648,656)	10.53	11.84	10.09	10.09	8.33	9.21	7.89	11.40	8.77	11.84	(11.6%)
6th/[656,661)	7.38	9.40	11.41	8.05	9.40	13.42	6.71	12.08	12.08	10.07	(7.6%)
7th/[661,670)	11.49	8.51	9.79	9.36	10.64	7.66	14.47	6.38	10.21	11.49	(12%)
8th/[670,675)	8.85	7.96	10.62	12.39	8.85	12.39	5.31	11.50	14.16	7.96	(5.8%)
9th/[675,687)	9.95	9.48	14.22	7.58	9.48	13.74	9.48	11.37	7.58	7.11	(10.8%)
10th/[687,763]	11.58	9.82	8.77	10.53	8.77	9.82	10.53	9.12	11.58	9.47	(14.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis: 0 to 100); Empirical SGP Distribution (y-axis: 0 to 100)