Student Growth Percentile Goodness−of−Fit Descriptives
2010 Writing Baseline, Grade Progression 3−4−5−6 (N = 55,266)

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/[220,440)	11.15	13.01	11.57	10.57	10.67	10.80	9.13	8.29	7.60	7.22	(9.8%)
2nd/[440,465)	11.54	11.89	11.78	12.03	10.38	10.04	9.25	8.26	7.61	7.24	(10.1%)
3rd/[465,482)	11.83	12.89	11.74	11.11	10.48	9.34	9.36	8.82	7.47	6.95	(10%)
4th/[482,496)	11.97	11.48	11.35	10.85	10.39	9.56	9.82	9.17	8.60	6.83	(9.8%)
5th/[496,509)	12.24	11.58	11.13	12.10	9.88	9.17	9.32	8.77	8.16	7.65	(9.7%)
6th/[509,522)	13.33	12.47	10.42	10.00	10.26	9.71	8.46	8.36	8.30	8.68	(10.2%)
7th/[522,536)	12.88	11.88	10.48	10.71	10.55	9.38	8.80	9.17	7.99	8.15	(10.3%)
8th/[536,552)	13.30	11.59	11.19	10.37	10.04	8.98	8.35	8.76	8.46	8.95	(9.8%)
9th/[552,576)	11.63	10.91	10.55	10.02	10.50	9.65	9.24	9.03	9.04	9.43	(10.2%)
10th/[576,780]	11.83	9.73	10.42	9.42	9.58	9.96	9.23	9.53	9.58	10.71	(10.1%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution