Student Growth Percentile Goodness−of−Fit Descriptives
2006 Writing Baseline, Grade Progression 6−7−8−9 (N = 51,158)

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/[250,469)	9.67	9.05	9.27	8.67	8.93	9.89	9.11	10.21	10.79	14.41	(9.8%)
2nd/[469,504)	8.94	8.15	8.90	8.44	8.40	8.84	9.33	12.00	11.22	15.79	(10.1%)
3rd/[504,527)	7.99	8.01	8.27	8.45	8.64	9.08	10.02	11.41	12.60	15.52	(9.7%)
4th/[527,546)	7.70	7.74	8.22	8.36	8.57	9.55	10.48	11.47	12.05	15.86	(9.8%)
5th/[546,563)	7.11	7.31	8.11	8.21	9.46	9.58	10.28	11.09	13.34	15.51	(10%)
6th/[563,580)	6.93	7.47	7.64	7.77	8.54	10.16	10.54	11.86	13.16	15.93	(10.2%)
7th/[580,598)	5.85	5.91	7.10	8.03	9.77	10.14	10.65	11.94	13.60	17.00	(10.2%)
8th/[598,618)	5.51	6.22	7.46	9.26	9.62	10.03	10.81	12.15	12.73	16.22	(9.8%)
9th/[618,648)	5.21	5.94	7.49	9.55	9.93	10.87	10.93	12.33	13.56	14.20	(10.2%)
10th/[648,910]	5.25	7.01	8.38	9.36	10.15	10.41	11.80	13.20	12.32	12.12	(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