Student Growth Percentile Goodness−of−Fit Descriptives
2012 Reading Baseline, Grade Progression 3−4−5 (N = 12,555)

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/[210,269)	2.36	6.51	10.10	12.54	12.46	13.93	13.11	10.42	11.81	6.76	(9.8%)
2nd/[269,285)	4.77	8.27	10.97	11.21	13.59	10.73	12.88	11.05	9.78	6.76	(10%)
3rd/[285,297)	5.28	10.06	9.32	13.36	11.95	11.38	11.38	10.22	9.23	7.83	(9.7%)
4th/[297,306)	4.93	10.87	11.96	14.05	12.88	13.21	9.28	8.36	8.36	6.10	(9.5%)
5th/[306,314)	5.75	12.40	13.13	15.32	13.61	11.35	9.64	7.78	5.83	5.19	(9.8%)
6th/[314,323)	8.43	13.11	11.74	14.77	12.97	8.57	11.67	7.49	6.63	4.61	(11.1%)
7th/[323,331)	9.90	14.52	13.04	14.43	11.56	11.47	10.08	5.55	5.37	4.07	(8.6%)
8th/[331,343)	12.62	14.18	13.33	12.33	12.26	11.05	7.27	6.56	5.77	4.63	(11.2%)
9th/[343,359)	13.08	14.91	13.88	9.81	10.13	9.09	10.45	7.66	6.54	4.47	(10%)
10th/[359,438]	12.85	10.77	11.85	11.08	11.00	10.15	9.77	8.31	8.15	6.08	(10.4%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution