Student Growth Percentile Goodness−of−Fit Descriptives
2011 Reading, Grade Progression 6−7−8−10 (N = 9,588)

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/[137,274)	9.98	10.21	10.21	9.98	10.33	10.45	8.79	10.69	8.79	10.57	(8.8%)
2nd/[274,291)	11.32	8.60	10.34	8.71	11.43	9.79	10.99	9.36	9.79	9.68	(9.6%)
3rd/[291,301)	9.87	10.19	9.01	10.62	7.73	9.12	10.19	10.84	10.84	11.59	(9.7%)
4th/[301,311)	8.21	10.01	9.92	10.46	10.01	10.91	9.92	11.09	9.47	10.01	(11.6%)
5th/[311,317)	11.10	11.24	9.22	8.07	10.81	10.09	10.52	10.52	9.37	9.08	(7.2%)
6th/[317,326)	8.10	8.92	10.46	9.92	10.56	10.46	9.92	9.74	10.74	11.19	(11.5%)
7th/[326,333)	10.24	10.49	9.86	10.37	10.24	8.98	9.10	9.73	10.24	10.75	(8.2%)
8th/[333,345)	8.92	9.92	11.08	10.25	9.25	10.25	9.75	10.58	9.25	10.75	(12.5%)
9th/[345,355)	9.78	9.78	8.62	9.01	10.55	11.20	11.20	10.42	9.27	10.17	(8.1%)
10th/[355,450]	9.88	9.55	9.96	10.04	10.29	9.88	9.55	9.55	11.02	10.29	(12.8%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution