Student Growth Percentile Goodness−of−Fit Descriptives
2010 Algebra I, Grade Progression 7−8 (N = 24,785)

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/[171,270)	10.28	9.29	11.59	9.37	9.66	8.47	11.88	8.88	9.95	10.65	(9.8%)
2nd/[270,291)	9.06	10.83	9.99	9.53	9.32	11.83	10.28	9.53	9.82	9.82	(9.6%)
3rd/[291,308)	9.47	11.57	8.73	10.17	10.13	10.17	9.17	9.43	10.04	11.13	(9.2%)
4th/[308,324)	10.43	9.04	9.36	11.46	9.80	8.89	10.35	10.35	10.23	10.08	(10.2%)
5th/[324,340)	8.73	9.97	10.45	10.23	10.75	9.07	10.83	10.34	9.67	9.97	(10.8%)
6th/[340,353)	9.72	9.82	9.42	8.61	11.74	10.68	10.33	8.41	11.08	10.18	(8%)
7th/[353,371)	9.94	10.24	10.47	10.58	8.94	9.65	9.16	11.10	8.68	11.25	(10.8%)
8th/[371,390)	9.57	10.97	10.45	8.03	10.33	11.01	8.90	9.61	10.93	10.21	(10.2%)
9th/[390,421)	9.37	9.67	9.59	11.58	9.89	9.10	11.32	10.19	9.10	10.19	(10.8%)
10th/[421,600)	9.80	10.07	9.88	10.18	10.22	10.14	9.57	9.73	10.11	10.30	(10.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution