Student Growth Percentile Goodness−of−Fit Descriptives
2010 Mathematics, Grade Progression 6−7 (N = 39,112)

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/[164,251)	9.57	10.76	9.78	9.19	9.86	9.75	11.24	9.51	10.02	10.31	(9.6%)
2nd/[251,269)	9.83	9.99	10.73	10.81	8.77	11.36	9.41	9.86	9.38	9.86	(9.7%)
3rd/[269,286)	9.89	10.21	9.30	9.13	10.75	10.70	9.50	10.56	9.06	10.90	(10.4%)
4th/[286,302)	9.51	9.63	11.13	9.48	10.51	9.63	8.88	9.26	11.03	10.93	(10.2%)
5th/[302,318)	9.80	11.07	8.11	10.91	10.39	9.30	10.39	10.49	9.64	9.90	(9.9%)
6th/[318,334)	9.56	9.93	10.90	10.25	10.17	10.35	9.20	10.12	9.64	9.88	(9.7%)
7th/[334,351)	9.25	10.45	8.56	11.14	7.60	10.81	11.11	10.40	9.57	11.11	(9.3%)
8th/[351,374)	9.80	9.97	10.09	10.39	10.14	9.90	9.95	9.95	9.63	10.17	(10.5%)
9th/[374,409)	9.60	10.06	10.36	9.23	10.63	10.16	9.15	10.78	9.77	10.26	(10.4%)
10th/[409,600)	9.60	9.80	10.95	9.70	9.35	10.40	10.63	9.68	9.68	10.20	(10.3%)

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

QQ−Plot: Student Growth Percentiles
Theoretical SGP Distribution
Empirical SGP Distribution