Student Growth Percentile Goodness−of−Fit Descriptives
2012 Summative Hs Mathematics, Grade Progression 101−102−103−104 (N = 6,877)

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/[175,254)	9.42	9.42	9.60	10.12	10.30	9.25	11.17	9.95	10.30	10.47	(8.3%)
2nd/[254,278)	10.61	9.81	10.08	9.42	10.21	10.21	10.34	9.95	9.42	9.95	(11%)
3rd/[278,297)	8.69	10.21	10.90	10.48	9.38	9.79	8.55	9.93	10.62	11.45	(10.5%)
4th/[297,310)	8.83	10.81	10.63	10.27	10.99	9.19	10.09	9.55	9.19	10.45	(8.1%)
5th/[310,329)	11.07	10.12	8.91	10.12	9.31	11.47	10.80	10.80	9.18	8.23	(10.8%)
6th/[329,348)	9.04	10.04	8.32	8.46	9.90	10.47	8.75	9.90	13.06	12.05	(10.1%)
7th/[348,368)	10.65	8.95	12.64	11.51	10.94	8.38	10.65	9.52	6.96	9.80	(10.2%)
8th/[368,390)	8.89	10.45	11.23	11.39	7.96	10.61	10.14	8.58	9.67	11.08	(9.3%)
9th/[390,432)	9.01	10.33	7.81	8.21	10.99	9.40	10.20	11.39	12.32	10.33	(11%)
10th/[432,600)	10.11	9.97	10.11	10.11	10.66	10.38	9.84	9.97	8.88	9.97	(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