Student Growth Percentile Goodness−of−Fit Descriptives
2011 Geometry, Grade Progression 101−102−103 (N = 11,213)

Student Growth Percentile Range

Prior Scale Score Decile/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/[194,278]	10.43	9.41	10.22	9.51	10.22	9.72	9.92	10.22	10.02	10.32	(8.8%)
2nd/[278,308]	8.73	10.02	9.94	10.58	9.62	10.66	10.10	9.54	9.94	10.90	(11.1%)
3rd/[308,327]	9.80	10.01	10.64	8.43	11.38	8.54	9.91	10.54	10.64	10.12	(8.5%)
4th/[327,346]	9.97	10.54	8.64	11.02	8.36	10.35	11.11	9.88	10.73	9.40	(9.4%)
5th/[346,366]	9.69	9.86	10.21	10.81	9.52	11.42	8.91	9.60	7.79	12.20	(10.3%)
6th/[366,387]	10.03	9.69	10.28	10.11	11.36	8.35	10.19	10.11	10.03	9.86	(10.7%)
7th/[387,410]	8.19	10.65	10.97	10.16	8.76	11.38	10.07	9.75	10.97	9.09	(10.9%)
8th/[410,430]	10.67	8.84	9.91	10.02	10.34	8.08	10.88	10.34	9.81	11.10	(8.3%)
9th/[430,473]	9.36	10.10	9.44	8.62	11.07	10.40	10.10	10.03	9.81	11.07	(12%)
10th/[473,600]	9.49	10.38	10.03	11.09	9.32	10.12	9.14	10.38	10.12	9.94	(10.1%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution