Student Growth Percentile Goodness−of−Fit Descriptives
2010 Us History, Grade Progression 101−102 (N = 33,375)

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/[165,256)	9.28	10.66	10.12	10.66	9.25	9.91	9.82	9.94	9.91	10.45	(10%)
2nd/[256,281)	10.00	9.49	10.18	10.24	9.61	10.70	9.82	9.85	10.12	9.97	(9.9%)
3rd/[281,300)	9.68	10.51	9.40	9.89	10.79	8.32	10.48	10.51	9.46	10.95	(9.7%)
4th/[300,315)	9.64	9.22	9.80	9.67	10.53	10.47	10.09	8.93	10.60	11.05	(9.4%)
5th/[315,331)	9.84	10.75	10.95	10.10	8.30	11.01	9.53	9.98	9.84	9.70	(10.5%)
6th/[331,344)	9.17	9.36	10.57	9.87	10.09	9.36	10.92	10.54	9.61	10.51	(9.4%)
7th/[344,359)	9.76	10.53	8.93	9.64	10.68	10.32	9.36	10.13	9.86	10.78	(9.8%)
8th/[359,375)	9.67	10.62	10.38	8.83	11.74	9.54	10.53	8.86	9.36	10.47	(9.7%)
9th/[375,401)	9.73	9.19	10.21	11.50	8.68	10.13	9.05	11.98	9.38	10.16	(11.2%)
10th/[401,600)	9.36	10.41	10.53	9.61	10.19	10.47	9.53	9.04	10.30	10.56	(10.5%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution / Empirical SGP Distribution