Student Growth Percentile Goodness–of–Fit Descriptives

2012 US History SGP, Grade EOCT (N = 29,780)

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/[174,269)	9.36	10.00	10.18	10.04	10.50	9.97	9.93	9.86	9.79	10.36	(9.4%)
2nd/[269,295)	9.50	9.80	10.01	10.14	9.46	9.84	10.04	10.21	10.07	10.93	(9.9%)
3rd/[295,313)	9.75	10.43	9.75	9.55	10.09	10.09	10.13	9.55	10.46	10.19	(9.9%)
4th/[313,329)	9.54	9.92	10.26	10.52	9.76	9.92	9.63	10.17	9.54	10.74	(10.7%)
5th/[329,342)	9.27	9.79	9.62	9.65	10.55	9.93	10.38	10.03	10.00	10.79	(9.7%)
6th/[342,356)	9.89	9.40	10.41	9.95	10.18	10.28	10.12	10.08	9.73	9.95	(10.4%)
7th/[356,368)	9.37	10.48	9.53	10.35	9.98	9.82	9.70	9.98	11.01	9.78	(8.2%)
8th/[368,386)	9.03	10.71	9.90	9.81	9.78	9.50	10.15	10.50	9.41	11.21	(10.8%)
9th/[386,407)	10.22	10.15	10.32	9.73	9.49	10.88	9.73	9.52	9.52	10.46	(9.7%)
10th/[407,600]	9.31	9.54	9.95	10.22	10.42	9.81	10.10	9.95	10.42	10.28	(11.4%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution