Student Growth Percentile Goodness−of−Fit Descriptives

2012 Biology SGP, Grade EOCT (N = 6,285)

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/[182,248)	10.61	9.89	10.07	8.09	10.97	10.25	9.35	8.99	11.15	10.61	(8.8%)
2nd/[248,262)	9.48	12.19	8.12	12.96	7.35	11.99	9.86	10.83	9.86	7.35	(8.2%)
3rd/[262,280)	8.84	7.70	11.87	9.34	12.75	9.47	9.47	8.84	9.72	11.99	(12.6%)
4th/[280,292)	11.64	11.99	8.05	10.27	8.73	9.08	11.13	9.42	9.76	9.93	(9.3%)
5th/[292,305)	7.90	11.49	9.34	9.69	10.77	8.44	11.49	10.23	11.67	8.98	(8.9%)
6th/[305,321)	9.24	10.62	10.76	10.34	8.55	10.90	10.48	10.07	8.83	10.21	(11.5%)
7th/[321,338)	11.51	8.39	10.36	11.35	9.87	9.70	9.38	8.22	9.70	11.51	(9.7%)
8th/[338,360)	7.91	9.96	9.81	9.81	9.81	10.25	9.22	11.86	10.40	10.98	(10.9%)
9th/[360,384)	10.93	10.10	10.43	7.95	11.09	9.11	9.77	9.27	11.09	10.26	(9.6%)
10th/[384,530]	9.41	10.32	9.86	10.62	10.17	9.86	11.08	9.56	9.10	10.02	(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