Student Growth Percentile Goodness−of−Fit Descriptives
2012 Biology SGP, Grade EOCT (N = 9,455)

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/[198,267)	8.80	10.65	10.00	10.11	9.89	10.22	10.22	10.33	9.67	10.11	(9.7%)
2nd/[267,282)	10.47	9.43	9.84	9.43	10.57	9.84	10.05	9.64	10.16	10.57	(10.2%)
3rd/[282,293)	10.14	10.37	10.94	10.37	9.10	9.22	9.68	9.10	10.25	10.83	(9.2%)
4th/[293,303)	8.72	9.97	9.24	9.66	9.87	10.80	10.49	11.21	9.55	10.49	(10.2%)
5th/[303,314)	9.10	9.92	9.71	9.20	11.76	10.53	10.33	9.10	11.45	8.90	(10.3%)
6th/[314,321)	9.35	9.50	10.79	9.93	10.36	9.21	9.35	11.80	8.06	11.65	(7.4%)
7th/[321,331)	11.21	10.09	9.35	10.84	8.41	10.37	9.44	9.72	10.00	10.56	(11.3%)
8th/[331,342)	9.18	11.00	11.45	11.11	8.96	8.50	10.66	8.05	9.86	11.22	(9.3%)
9th/[342,362)	8.89	9.50	9.59	9.42	10.81	9.94	9.94	10.99	10.55	10.37	(12.1%)
10th/[362,479]	9.82	9.93	9.93	9.51	10.34	10.86	9.93	10.24	9.51	9.93	(10.2%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution