Student Growth Percentile Goodness−of−Fit Descriptives
2011 Science, Grade Progression 3−4−5−6 (N = 1,500)

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/[568,624]	11.43	12.14	10.00	9.29	9.29	9.29	8.57	11.43	10.71	7.86	(9.3%)
2nd/[624,636]	12.00	10.67	8.00	11.33	7.33	13.33	8.67	10.00	8.00	10.67	(10%)
3rd/[636,644]	9.40	9.40	11.97	6.84	14.53	11.11	8.55	10.26	8.55	9.40	(7.8%)
4th/[644,652]	13.41	12.20	6.10	10.37	7.32	8.54	7.93	10.37	14.02	9.76	(10.9%)
5th/[652,661]	9.60	10.73	10.73	9.60	9.04	10.73	10.17	7.34	10.73	11.30	(11.8%)
6th/[661,665]	10.71	5.36	10.71	16.07	9.82	13.39	8.93	7.14	8.93	8.93	(7.5%)
7th/[665,670]	6.54	13.08	7.48	9.35	12.15	10.28	12.15	9.35	9.35	10.28	(7.1%)
8th/[670,681]	12.00	12.00	9.50	10.50	8.50	8.50	11.00	10.50	10.00	7.50	(13.3%)
9th/[681,694]	8.43	9.64	11.45	8.43	10.84	9.64	9.04	10.84	10.24	11.45	(11.1%)
10th/[694,785]	12.57	9.58	7.78	10.18	8.98	14.37	10.78	8.38	8.98	8.38	(11.1%)

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

QQ−Plot: Student Growth Percentiles
Theoretical SGP Distribution / Empirical SGP Distribution