Student Growth Percentile Goodness−of−Fit Descriptives
2012 Life Science, Grade Progression 103−104 (N = 3,199)

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/[150,240)	10.80	9.20	10.00	10.00	9.20	10.80	10.80	9.60	9.60	10.00	(7.8%)
2nd/[240,257)	9.06	10.88	9.37	10.57	10.88	9.06	9.67	8.76	11.48	10.27	(10.3%)
3rd/[257,269)	9.22	9.22	13.48	9.93	9.22	11.35	8.51	10.99	7.09	10.99	(8.8%)
4th/[269,284)	11.38	8.72	10.17	8.96	7.51	13.08	10.17	10.17	9.44	10.41	(12.9%)
5th/[284,294)	7.79	9.09	7.36	10.82	14.29	6.93	9.96	9.52	13.85	10.39	(7.2%)
6th/[294,313)	10.08	11.41	9.55	14.06	10.61	8.22	10.88	8.22	8.75	8.22	(11.8%)
7th/[313,332)	9.75	11.95	11.95	5.97	6.92	11.01	11.01	9.75	9.75	11.95	(9.9%)
8th/[332,361)	9.91	7.12	9.29	11.15	11.46	10.53	9.29	11.46	9.91	9.91	(10.1%)
9th/[361,404)	9.44	9.44	9.44	9.73	10.62	9.44	10.32	10.03	10.91	10.62	(10.6%)
10th/[404,600]	9.85	10.75	10.45	10.45	9.55	10.75	9.85	8.36	10.15	9.85	(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