Student Growth Percentile Goodness−of−Fit Descriptives
2010 Science, Grade Progression 3–4 (N = 1,756)

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/[534,600]	12.28	11.11	9.36	9.36	9.36	9.36	10.53	8.19	11.70	8.77	(9.7%)
2nd/[600,613]	7.74	6.45	11.61	14.19	7.10	12.90	7.10	14.84	7.10	10.97	(8.8%)
3rd/[613,622]	5.96	11.92	9.27	11.26	11.92	9.27	13.25	3.97	9.27	13.91	(8.6%)
4th/[622,632]	15.03	10.36	7.25	10.88	10.36	11.40	10.88	9.84	8.81	5.18	(11%)
5th/[632,637]	10.38	5.66	11.32	11.32	5.66	8.49	13.21	0.00	19.81	14.15	(6%)
6th/[637,648]	10.46	9.21	14.23	5.44	13.39	8.37	12.13	10.88	6.28	9.62	(13.6%)
7th/[648,655]	9.56	5.88	8.82	10.29	11.03	11.03	13.97	15.44	0.00	13.97	(7.7%)
8th/[655,670]	9.88	13.83	7.51	10.28	7.91	13.44	11.07	11.86	7.91	6.32	(14.4%)
9th/[670,679]	17.00	6.00	15.00	12.00	14.00	0.00	15.00	7.00	8.00	6.00	(5.7%)
10th/[679,756]	10.32	9.92	9.13	16.27	7.14	5.95	14.29	6.35	10.32	10.32	(14.4%)

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

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