Student Growth Percentile Goodness−of−Fit Descriptives
2011 Science, Grade Progression 101−102−103 (N = 3,152)

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/[211,313]	9.78	11.23	10.51	8.33	10.14	10.14	10.87	8.70	9.78	10.51	(8.8%)
2nd/[313,346]	8.76	9.06	9.97	11.18	11.18	9.67	8.16	10.27	10.57	11.18	(10.5%)
3rd/[346,366]	10.92	10.92	7.85	10.24	9.22	10.58	11.26	9.56	9.22	10.24	(9.3%)
4th/[366,387]	11.95	10.69	10.06	8.81	9.12	10.06	10.69	10.69	9.75	8.18	(10.1%)
5th/[387,404]	7.84	9.33	9.33	14.93	8.58	9.33	7.84	11.57	14.55	6.72	(8.5%)
6th/[404,423]	9.01	9.01	12.01	8.71	9.61	9.91	12.01	11.11	9.01	9.61	(10.6%)
7th/[423,445]	8.23	10.13	11.71	9.18	10.76	10.44	8.86	12.66	3.48	14.56	(10%)
8th/[445,473]	9.75	10.58	7.52	8.64	12.53	8.91	11.70	6.96	8.36	15.04	(11.4%)
9th/[473,511]	9.42	11.59	9.06	11.96	6.16	11.96	7.97	5.43	19.93	6.52	(8.8%)
10th/[511,600]	10.21	8.90	11.52	9.42	12.04	6.81	10.47	17.54	8.90	4.19	(12.1%)

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

QQ−Plot: Student Growth Percentiles