Student Growth Percentile Goodness−of−Fit Descriptives
2011 Mathematics Baseline, Grade Progression 6−7−8 (N = 11,644)

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/[120,254)	1.90	2.50	3.40	5.00	7.60	9.00	7.60	11.60	17.40	34.00	(8.6%)
2nd/[254,269)	1.71	2.57	3.85	7.01	6.50	9.67	10.69	13.60	15.74	28.66	(10%)
3rd/[269,283)	1.58	2.60	5.45	6.79	9.55	10.89	13.42	13.10	16.97	19.65	(10.9%)
4th/[283,292)	3.48	4.07	6.95	8.04	8.24	11.12	14.20	15.49	13.21	15.19	(8.6%)
5th/[292,302)	3.48	4.80	7.71	10.16	10.63	13.55	13.83	12.42	12.04	11.38	(9.1%)
6th/[302,315)	4.55	8.82	8.28	11.33	12.82	12.35	12.21	12.08	9.36	8.21	(12.7%)
7th/[315,325)	4.86	10.40	12.93	14.97	13.80	10.20	10.20	8.36	7.87	6.41	(8.8%)
8th/[325,336)	8.32	11.70	14.53	13.99	11.88	8.96	8.41	8.04	7.86	6.31	(9.4%)
9th/[336,353)	14.68	14.35	12.49	11.31	9.37	9.45	11.05	6.08	6.16	5.06	(10.2%)
10th/[353,471]	15.78	13.27	12.17	10.40	9.81	9.66	6.12	7.45	8.33	7.01	(11.6%)

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

QQ−Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution