Student Growth Percentile Goodness–of–Fit Descriptives
2011 Reading Baseline, Grade Progression 8–10 (N = 9,588)

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/[137,274)	10.57	12.11	14.01	15.08	10.57	10.33	10.21	7.13	5.11	4.87	(8.8%)
2nd/[274,291)	14.80	20.35	15.23	14.47	10.77	8.05	6.75	4.68	2.29	2.61	(9.6%)
3rd/[291,301)	22.32	17.92	14.59	15.02	9.98	8.15	4.83	3.22	2.36	1.61	(9.7%)
4th/[301,311)	25.52	26.51	15.96	11.09	7.75	4.78	2.89	2.34	1.80	1.35	(11.6%)
5th/[311,317)	30.40	27.95	15.13	8.07	6.20	4.61	2.88	1.44	2.31	1.01	(7.2%)
6th/[317,326)	35.94	23.66	13.83	8.19	6.46	2.82	2.91	1.82	2.18	2.18	(11.5%)
7th/[326,333)	40.20	22.25	10.87	8.47	4.30	3.67	4.42	2.65	2.40	0.76	(8.2%)
8th/[333,345)	41.83	21.75	10.67	6.08	5.00	3.58	4.17	3.25	2.08	1.58	(12.5%)
9th/[345,355)	43.11	17.37	8.88	7.21	7.08	4.63	2.32	4.12	3.22	2.06	(8.1%)
10th/[355,450]	41.47	16.41	8.16	5.47	7.02	7.10	3.67	4.00	3.10	3.59	(12.8%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution (x-axis: 0 to 100); Empirical SGP Distribution (y-axis: 0 to 100)