Student Growth Percentile Goodness–of–Fit Descriptives

2012 Algebra II SGP, Grade EOCT (N = 8,882)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Geometry)

Below Proficient   (100%)

Median Student Growth Percentile

1   10   20   30   40   50   60   70   80   90   99

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/[134,159)	9.77	9.89	9.66	10.69	10.00	10.00	10.23	9.66	9.89	10.23	(9.8%)
2nd/[159,162)	9.27	10.84	10.70	8.88	9.92	9.40	10.70	9.92	10.05	10.31	(8.6%)
3rd/[162,164)	11.37	9.60	8.89	10.31	11.26	9.36	9.24	10.66	9.95	9.36	(9.5%)
4th/[164,166)	8.24	9.50	10.61	10.89	9.50	10.47	10.61	9.22	9.36	11.59	(8.1%)
5th/[166,168)	9.32	10.83	10.08	10.71	10.20	9.07	9.95	9.32	10.45	10.08	(8.9%)
6th/[168,170)	10.78	9.53	9.53	8.91	9.43	11.50	9.53	11.30	9.53	9.95	(10.9%)
7th/[170,173)	9.76	9.95	10.04	9.40	10.49	9.31	10.58	9.31	10.58	10.58	(12.5%)
8th/[173,175)	8.45	9.71	9.71	8.63	10.43	11.33	9.53	8.99	10.61	12.59	(6.3%)
9th/[175,180)	9.95	9.67	10.49	11.66	10.13	9.22	9.22	10.94	10.13	8.59	(12.5%)
10th/[180,199]	9.75	10.53	9.92	9.23	9.66	10.27	10.70	9.84	9.32	10.79	(13%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

0   10   20   30   40   50   60   70   80   90   100

Empirical SGP Distribution