Student Growth Percentile Goodness–of–Fit Descriptives

2012 Algebra II SGP, Grade EOCT (N = 9,537)

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)	9.87	9.98	9.23	10.84	9.55	10.62	10.41	9.44	9.87	10.19	(9.8%)
2nd/[159,162)	9.21	10.30	11.76	8.73	9.70	9.58	10.18	10.42	10.06	10.06	(8.7%)
3rd/[162,164)	11.31	9.55	9.00	9.88	11.20	9.55	9.22	10.54	10.21	9.55	(9.6%)
4th/[164,166)	8.51	9.28	9.54	12.11	9.15	10.18	10.05	9.66	9.28	12.24	(8.1%)
5th/[166,168)	8.61	11.56	10.50	10.14	10.38	8.73	10.97	8.61	10.85	9.67	(8.9%)
6th/[168,170)	10.53	9.28	9.57	9.57	8.99	11.11	9.95	11.11	9.66	10.24	(10.9%)
7th/[170,173)	10.04	9.96	10.38	8.78	10.97	9.37	10.21	10.04	9.70	10.55	(12.4%)
8th/[173,175)	7.73	10.25	9.08	10.08	10.25	11.60	8.91	8.91	10.76	12.44	(6.2%)
9th/[175,180)	9.90	10.15	9.98	11.17	10.07	9.39	9.39	10.58	10.58	8.80	(12.4%)
10th/[180,199]	9.78	9.86	10.26	9.62	9.62	10.02	10.74	9.78	9.46	10.90	(13.1%)

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

QQ–Plot: Student Growth Percentiles

Theoretical SGP Distribution

Empirical SGP Distribution