Student Growth Percentile Goodness–of–Fit Descriptives
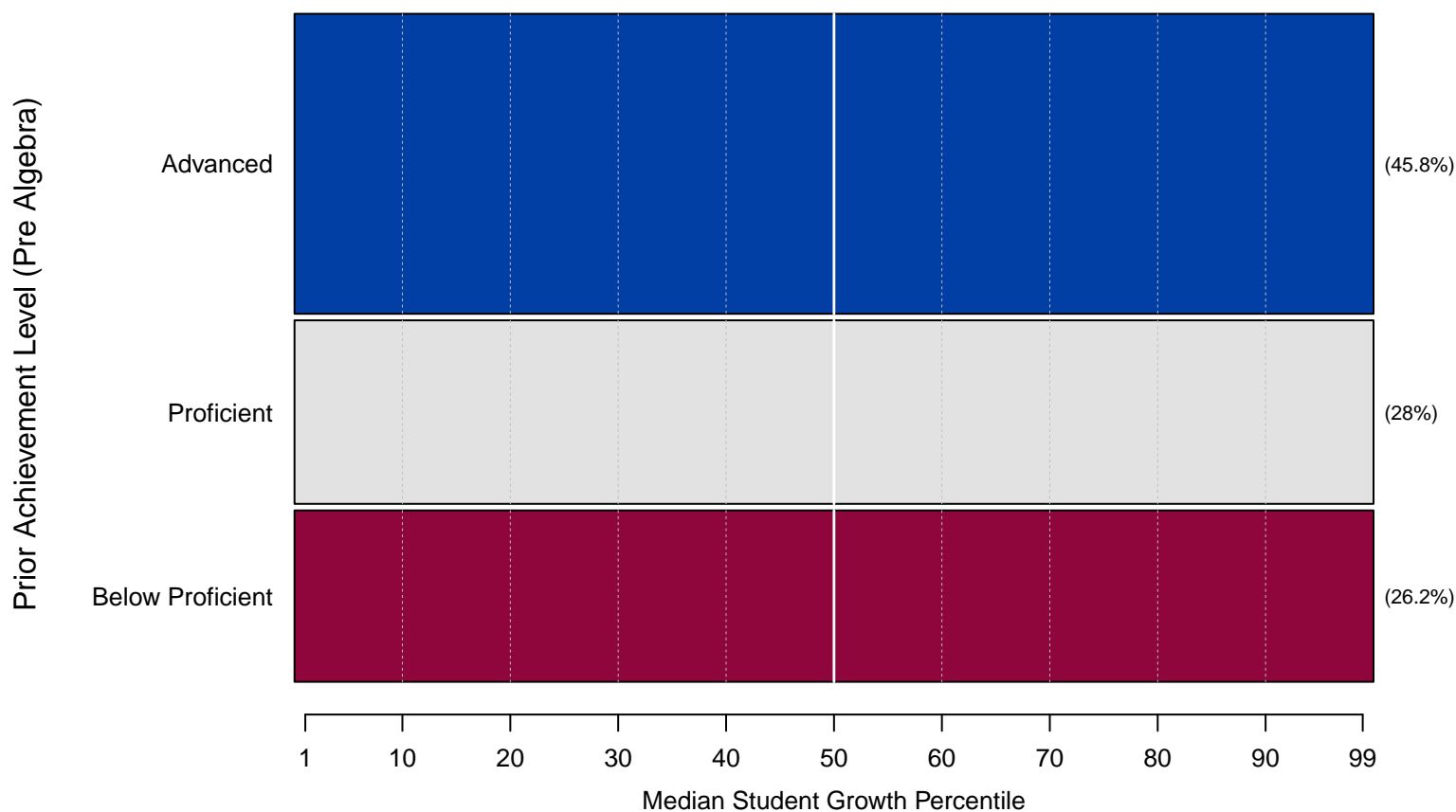## 2014 Sec Math I SGP, Grade EOCT (N = 16,151)

SGP Deciles by Prior Achievement Level

Prior Achievement Level (Pre Algebra)

- Advanced (45.8%)
- Proficient (28%)
- Below Proficient (26.2%)

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/[130,152)	10.58	9.23	10.58	9.59	9.59	9.73	10.44	9.80	10.09	10.37	(8.7%)
2nd/[152,157)	8.77	10.44	8.96	10.19	10.62	10.62	9.26	10.62	9.33	11.18	(10%)
3rd/[157,161)	9.86	9.93	10.79	9.74	9.24	10.24	10.30	9.49	10.24	10.17	(10%)
4th/[161,164)	8.84	10.01	8.79	10.68	10.90	10.07	9.62	10.73	10.01	10.34	(11.1%)
5th/[164,166)	11.36	9.21	11.54	9.75	10.29	8.68	11.09	8.94	9.12	10.02	(6.9%)
6th/[166,169)	9.11	10.36	10.47	9.58	8.85	10.42	9.64	9.90	10.94	10.73	(11.9%)
7th/[169,172)	9.80	11.07	9.13	10.40	10.47	9.40	9.67	10.33	9.73	10.00	(9.3%)
8th/[172,177)	9.15	9.10	9.71	10.05	10.44	10.39	10.44	9.99	9.94	10.78	(11%)
9th/[177,180)	9.70	9.70	10.66	10.66	10.13	9.49	10.13	9.81	9.49	10.23	(5.8%)
10th/[180,199]	9.61	10.30	10.09	9.69	9.77	10.22	9.85	9.85	10.18	10.46	(15.2%)

*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: 0 10 20 30 40 50 60 70 80 90 100