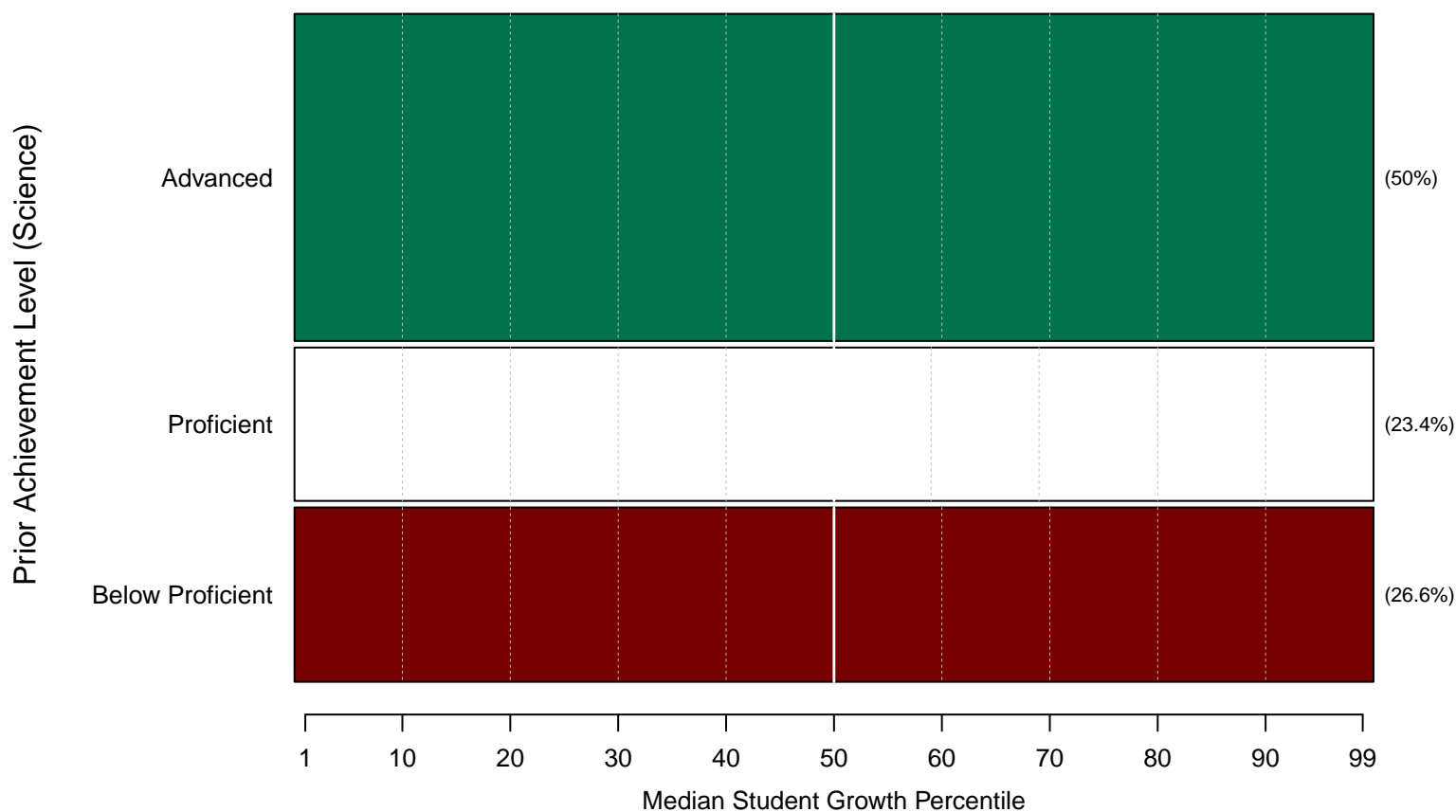


Student Growth Percentile Goodness-of-Fit Descriptives

2012 Science SGP, Grade 8 (N = 40,136)

SGP Deciles by Prior Achievement Level



Student Growth Percentile Range

| Prior Scale Score Decile/Range * | Student Growth Percentile 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/[130,151) | 10.12 | 10.35 | 9.80 | 10.24 | 9.94 | 9.48 | 10.18 | 10.18 | 9.59 | 10.12 | (8.5%) |
| 2nd/[151,157) | 9.91 | 9.54 | 10.00 | 9.63 | 10.30 | 10.19 | 9.52 | 9.89 | 10.49 | 10.53 | (10.8%) |
| 3rd/[157,160) | 8.53 | 10.00 | 10.65 | 9.97 | 9.66 | 9.35 | 10.55 | 10.76 | 9.93 | 10.59 | (7.3%) |
| 4th/[160,163) | 10.16 | 9.94 | 9.69 | 10.61 | 9.58 | 10.08 | 10.36 | 9.16 | 10.50 | 9.94 | (8.9%) |
| 5th/[163,166) | 9.21 | 10.24 | 10.30 | 9.46 | 10.62 | 9.79 | 9.79 | 10.35 | 9.48 | 10.77 | (11.2%) |
| 6th/[166,169) | 10.05 | 9.82 | 10.12 | 9.63 | 10.10 | 10.42 | 10.07 | 8.98 | 10.24 | 10.56 | (10.7%) |
| 7th/[169,171) | 9.71 | 9.65 | 9.80 | 10.11 | 9.56 | 10.23 | 9.86 | 10.23 | 10.35 | 10.50 | (8.2%) |
| 8th/[171,176) | 9.64 | 10.44 | 9.81 | 10.35 | 9.95 | 9.41 | 9.81 | 10.77 | 10.06 | 9.76 | (14.3%) |
| 9th/[176,181) | 9.10 | 10.14 | 10.26 | 10.08 | 10.26 | 10.49 | 10.14 | 9.21 | 9.77 | 10.55 | (8.6%) |
| 10th/[181,199] | 10.30 | 10.00 | 9.95 | 9.76 | 9.80 | 9.82 | 10.15 | 10.15 | 9.87 | 10.19 | (11.5%) |

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

QQ-Plot: Student Growth Percentiles

