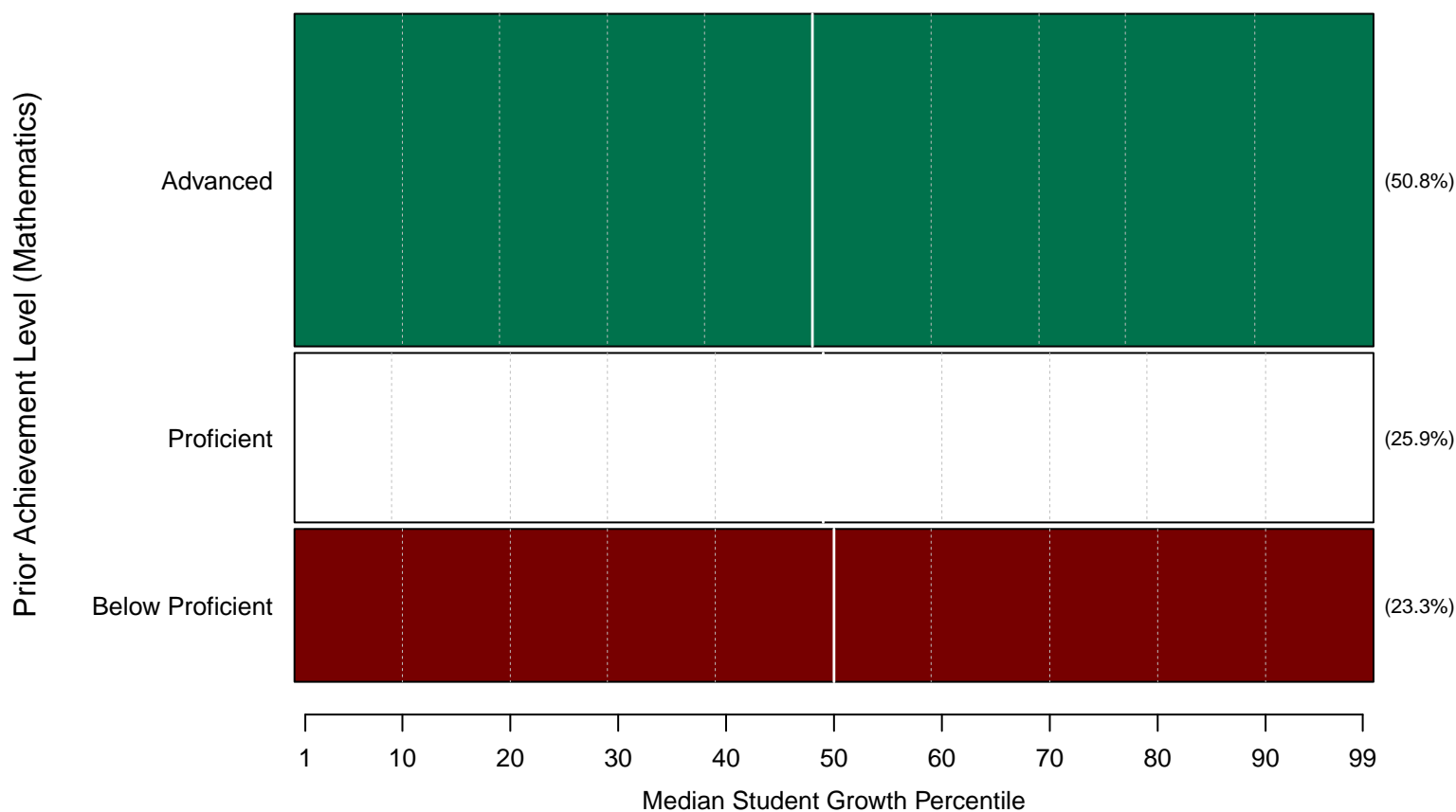


# Student Growth Percentile Goodness-of-Fit Descriptives

2013 Mathematics SGP, Grade 4 (N = 44,823)

## 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/[130,152)                    | 9.88                            | 10.63    | 10.04    | 9.90     | 10.12    | 10.68    | 9.01     | 10.09    | 9.50     | 10.14    | (9.5%)  |
| 2nd/[152,158)                    | 9.23                            | 9.65     | 10.70    | 9.10     | 10.42    | 9.40     | 10.82    | 8.68     | 11.42    | 10.57    | (9%)    |
| 3rd/[158,162)                    | 10.61                           | 8.68     | 11.19    | 11.99    | 8.32     | 10.14    | 10.50    | 10.73    | 7.92     | 9.91     | (10.6%) |
| 4th/[162,164)                    | 8.78                            | 11.73    | 11.09    | 6.33     | 14.08    | 7.81     | 11.25    | 7.91     | 10.48    | 10.54    | (6.9%)  |
| 5th/[164,168)                    | 9.97                            | 9.50     | 9.53     | 11.46    | 9.55     | 9.53     | 8.28     | 12.12    | 9.58     | 10.46    | (13.2%) |
| 6th/[168,171)                    | 8.57                            | 12.22    | 11.08    | 6.19     | 8.24     | 10.38    | 14.51    | 7.61     | 10.06    | 11.14    | (10.3%) |
| 7th/[171,173)                    | 8.97                            | 9.95     | 9.75     | 12.21    | 8.00     | 15.10    | 8.78     | 9.01     | 7.88     | 10.34    | (5.7%)  |
| 8th/[173,177)                    | 10.50                           | 9.76     | 7.45     | 13.30    | 11.99    | 10.06    | 5.43     | 9.84     | 12.71    | 8.95     | (11.8%) |
| 9th/[177,183)                    | 9.33                            | 10.79    | 12.28    | 8.88     | 11.32    | 6.03     | 11.92    | 12.68    | 5.76     | 11.00    | (11.8%) |
| 10th/[183,199]                   | 9.86                            | 14.18    | 9.38     | 10.28    | 9.04     | 7.68     | 11.50    | 8.80     | 11.08    | 8.20     | (11.2%) |

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

### QQ-Plot: Student Growth Percentiles

