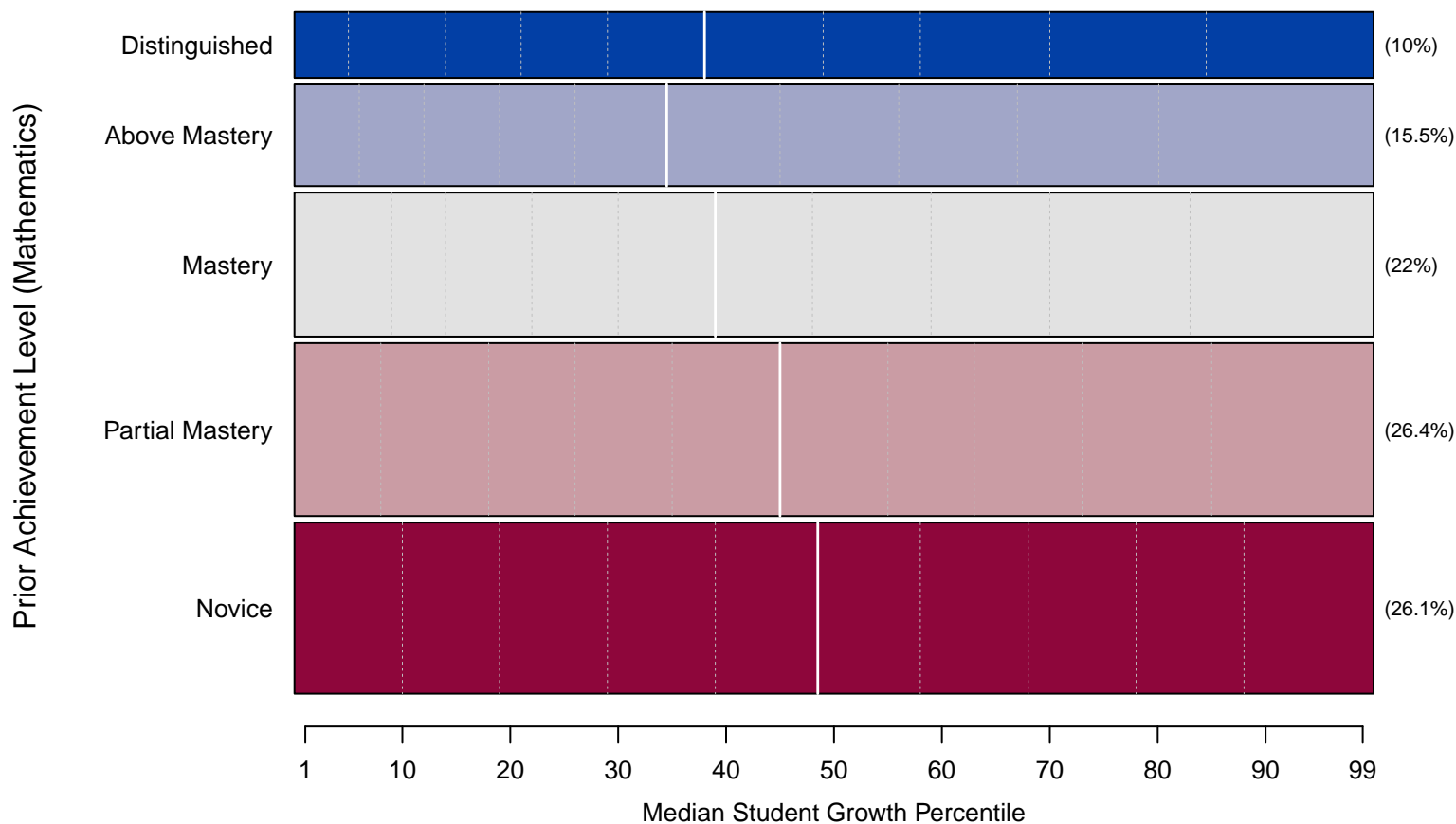


# Student Growth Percentile Goodness-of-Fit Descriptives

2013–2014 Mathematics SGP, Grade 10 (N = 16,308)

## 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/[513,557]                    | 9.62                            | 10.32    | 10.24    | 7.96     | 9.80     | 10.59    | 9.27     | 11.72    | 10.15    | 10.32    | (7%)    |
| 2nd/[557,622]                    | 9.40                            | 10.98    | 10.48    | 11.13    | 11.34    | 9.55     | 9.62     | 8.76     | 9.12     | 9.62     | (8.5%)  |
| 3rd/[622,642]                    | 8.65                            | 11.38    | 10.34    | 10.22    | 11.32    | 9.64     | 10.92    | 11.44    | 9.06     | 7.03     | (10.6%) |
| 4th/[642,655]                    | 12.37                           | 10.06    | 12.80    | 10.22    | 9.90     | 10.87    | 11.03    | 9.84     | 8.18     | 4.73     | (11.4%) |
| 5th/[655,664]                    | 10.81                           | 10.08    | 10.81    | 11.17    | 11.47    | 9.90     | 10.39    | 9.96     | 8.03     | 7.37     | (10.2%) |
| 6th/[664,672]                    | 9.04                            | 14.16    | 13.03    | 10.51    | 8.91     | 11.57    | 11.50    | 9.04     | 6.65     | 5.59     | (9.2%)  |
| 7th/[672,682]                    | 11.08                           | 15.34    | 12.84    | 10.50    | 9.70     | 9.11     | 9.22     | 7.99     | 8.20     | 6.02     | (11.5%) |
| 8th/[682,693]                    | 13.28                           | 17.17    | 13.33    | 12.43    | 9.33     | 8.64     | 8.05     | 7.15     | 5.60     | 5.01     | (11.5%) |
| 9th/[693,707]                    | 17.89                           | 13.02    | 12.48    | 11.14    | 8.83     | 9.01     | 9.37     | 7.43     | 5.54     | 5.30     | (10.1%) |
| 10th/[707,900]                   | 16.69                           | 11.00    | 12.53    | 10.94    | 9.72     | 10.57    | 8.19     | 7.33     | 6.30     | 6.72     | (10%)   |

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

### QQ-Plot: Student Growth Percentiles

