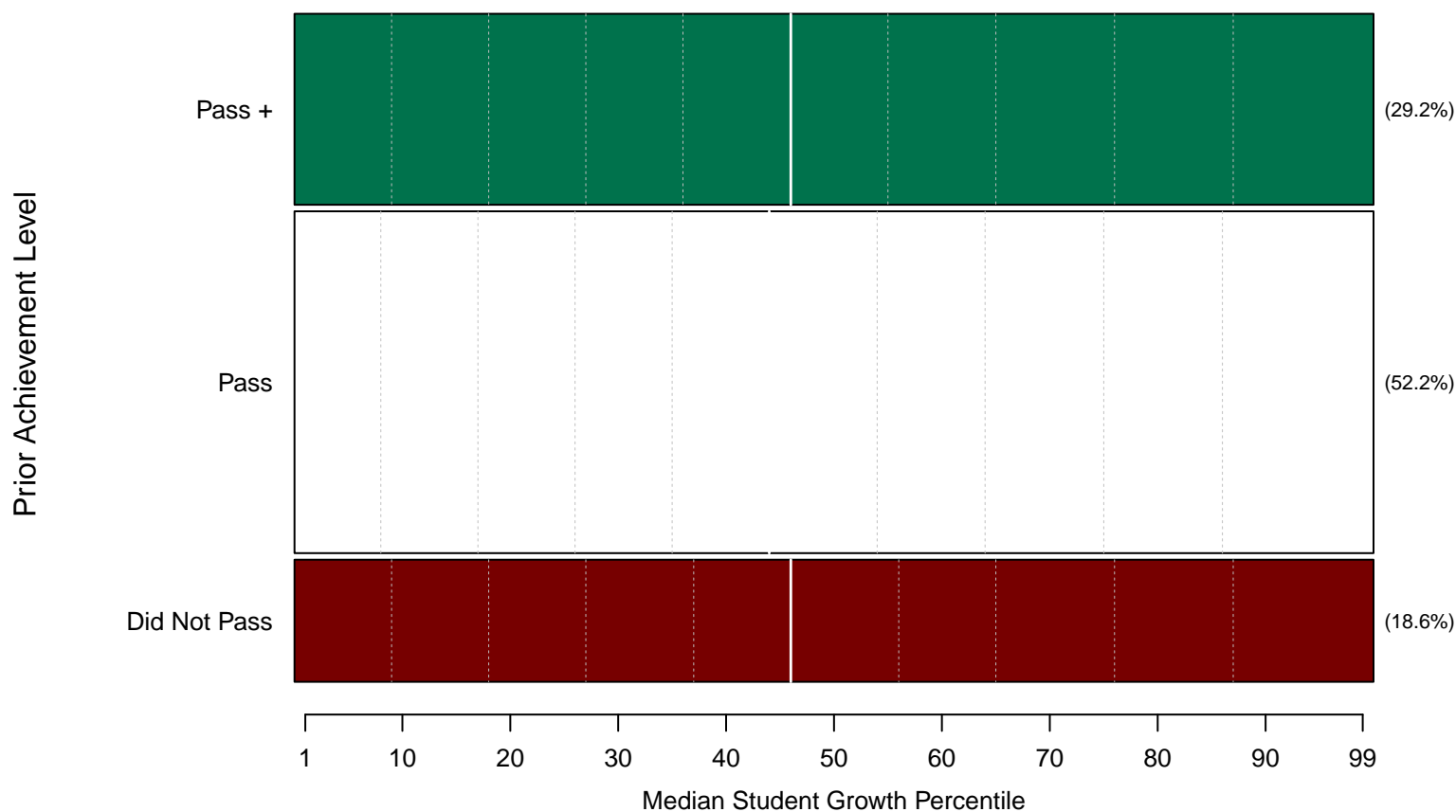


# Student Growth Percentile Goodness-of-Fit Descriptives

2012 Mathematics SGP, Grade 4 (N = 76,589)

## 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/[140,384]                    | 10.35                           | 11.34    | 9.89     | 10.88    | 10.81    | 10.52    | 9.86     | 9.75     | 8.70     | 7.90     | (9.8%)  |
| 2nd/[384,416]                    | 10.83                           | 11.18    | 10.93    | 10.15    | 10.77    | 10.35    | 9.63     | 9.19     | 9.12     | 7.85     | (10%)   |
| 3rd/[416,439]                    | 11.52                           | 11.65    | 10.82    | 10.35    | 9.95     | 10.24    | 9.91     | 9.28     | 8.24     | 8.02     | (10.1%) |
| 4th/[439,458]                    | 11.25                           | 11.47    | 11.19    | 11.54    | 10.88    | 9.93     | 9.10     | 9.15     | 7.85     | 7.64     | (10%)   |
| 5th/[458,475]                    | 10.76                           | 11.94    | 11.21    | 11.02    | 10.71    | 9.81     | 9.39     | 9.41     | 8.33     | 7.43     | (9.7%)  |
| 6th/[475,493]                    | 11.60                           | 11.31    | 11.15    | 10.47    | 10.61    | 10.20    | 10.19    | 8.75     | 8.85     | 6.87     | (10.3%) |
| 7th/[493,511]                    | 12.02                           | 12.04    | 10.78    | 11.51    | 10.14    | 9.96     | 9.74     | 8.88     | 7.75     | 7.18     | (9.9%)  |
| 8th/[511,532]                    | 11.45                           | 11.84    | 11.75    | 10.77    | 10.36    | 10.09    | 9.46     | 9.02     | 8.38     | 6.89     | (10%)   |
| 9th/[532,563]                    | 10.22                           | 10.94    | 11.51    | 11.17    | 10.25    | 10.44    | 9.88     | 9.25     | 8.57     | 7.78     | (10.2%) |
| 10th/[563,735]                   | 9.42                            | 10.93    | 10.13    | 10.98    | 10.78    | 10.43    | 9.83     | 9.82     | 9.12     | 8.56     | (10%)   |

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

### QQ-Plot: Student Growth Percentiles

