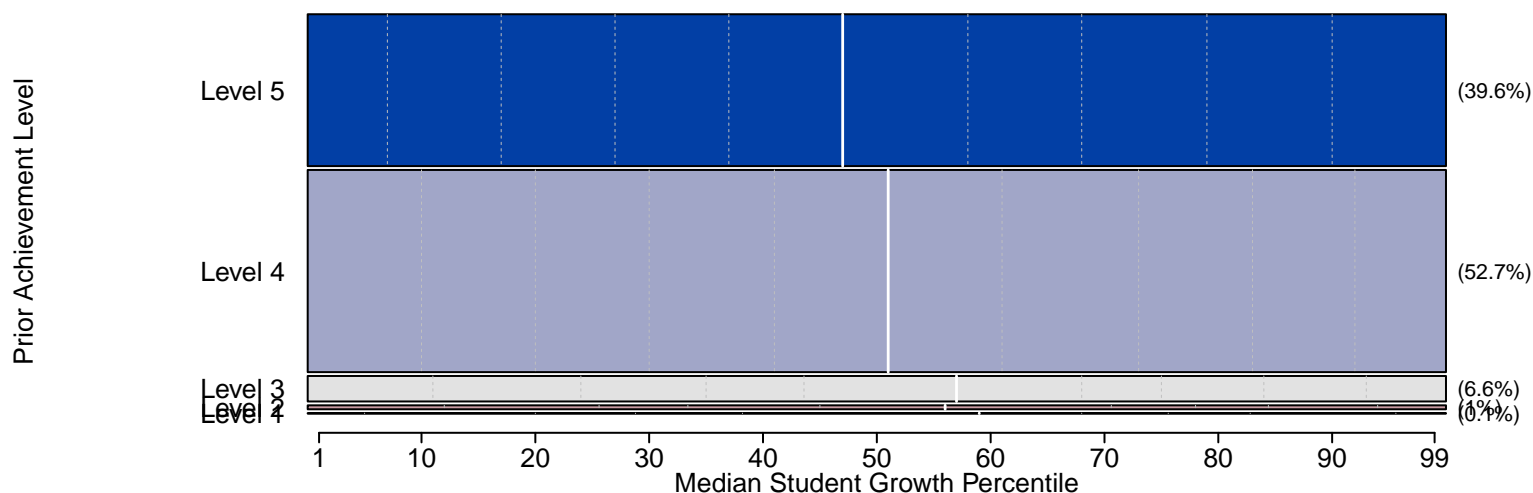


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.2 Algebra I SS SGP SIMEX, Grade EOCT (N = 13,479)

## SGP Deciles by Prior Achievement Level (Mathematics SS)



## Ceiling / Floor Effects Test

|   |              | Student Growth Percentile Range |        |          |          |          |          |          |          |          |          |          |          |         |
|---|--------------|---------------------------------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
|   |              | 1 to 5                          | 5 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 94 | 95 to 99 |         |
| Current Observed Score Extremes (Range) | Lowest OSS:  | [650,682]                       | 91.3   | 4.3      | 0.0      | 0.0      | 4.3      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | N = 23  |
|   |              | [682,695]                       | 40.7   | 18.5     | 22.2     | 11.1     | 0.0      | 0.0      | 3.7      | 0.0      | 0.0      | 3.7      | 0.0      | N = 27  |
|   | Highest OSS: | [ 850 ]                         | 0.0    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 3.2      | 6.3      | 11.8     | 18.1     | 14.0     | N = 221 |

## 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 |         |
|---------------------------------|----------------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| Prior Scale Score Decile/Range* | 1st/[650,753]  | 7.94   | 8.16     | 9.22     | 9.75     | 8.84     | 9.07     | 9.60     | 10.43    | 13.23    | 13.76    | (9.8%)  |
|                                 | 2nd/[753,763]  | 10.34  | 9.27     | 9.11     | 8.70     | 9.02     | 10.99    | 9.52     | 9.19     | 10.58    | 13.29    | (9%)    |
|                                 | 3rd/[763,770]  | 10.31  | 9.39     | 11.07    | 9.01     | 9.54     | 9.85     | 8.09     | 7.94     | 11.15    | 13.66    | (9.7%)  |
|                                 | 4th/[770,777]  | 10.32  | 8.67     | 9.03     | 9.68     | 10.18    | 9.32     | 10.04    | 10.04    | 10.18    | 12.54    | (10.3%) |
|                                 | 5th/[777,782]  | 9.79   | 9.63     | 10.26    | 9.56     | 8.47     | 8.86     | 10.41    | 11.03    | 9.71     | 12.28    | (9.5%)  |
|                                 | 6th/[782,787]  | 10.10  | 10.32    | 9.73     | 10.99    | 9.06     | 8.76     | 9.80     | 9.43     | 10.32    | 11.51    | (10%)   |
|                                 | 7th/[787,794]  | 11.60  | 9.97     | 10.23    | 8.47     | 9.58     | 9.77     | 9.45     | 9.64     | 9.97     | 11.34    | (11.4%) |
|                                 | 8th/[794,800]  | 9.67   | 11.29    | 9.26     | 10.32    | 9.18     | 9.59     | 11.62    | 9.02     | 9.10     | 10.97    | (9.1%)  |
|                                 | 9th/[800,811]  | 12.59  | 11.94    | 8.47     | 10.85    | 8.76     | 10.13    | 9.41     | 8.18     | 10.06    | 9.62     | (10.3%) |
|                                 | 10th/[811,850] | 12.90  | 11.17    | 10.48    | 10.14    | 9.59     | 8.41     | 10.21    | 9.17     | 9.10     | 8.83     | (10.8%) |

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

## QQ-Plot: Student Growth Percentiles

