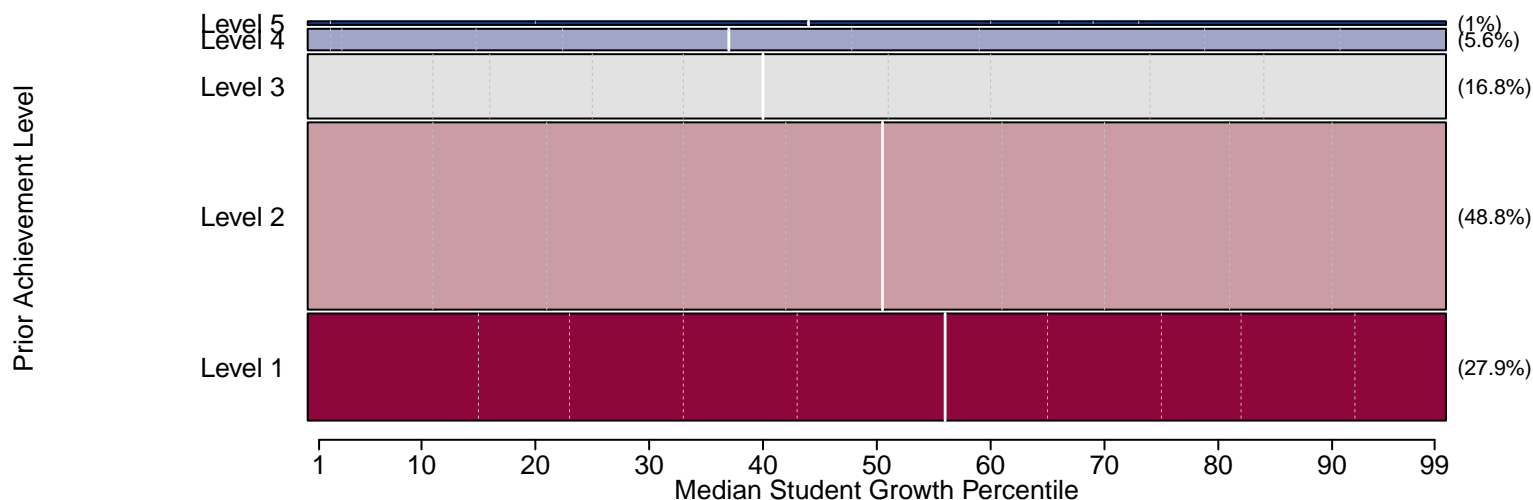


# Student Growth Percentile Goodness-of-Fit Descriptives

2017–2018.2 Algebra I SGP SIMEX Ranked, Grade EOCT (N = 1,140)

## SGP Deciles by Prior Achievement Level (Geometry)



## Ceiling / Floor Effects Test

| Current Observed Score Extremes (Range) | 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 |        |
| Lowest OSS: [-3.979,-2.408]             | 100.0                           | 0.0    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | N = 27 |
| [-2.408,-2.218]                         | 37.0                            | 59.3   | 3.7      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | N = 27 |
| Highest OSS: [1.662,2.288]              | 20.0                            | 4.0    | 4.0      | 8.0      | 4.0      | 16.0     | 12.0     | 4.0      | 8.0      | 12.0     | 0.0      | 8.0      | N = 25 |
| [2.288,3.784]                           | 8.0                             | 0.0    | 0.0      | 4.0      | 4.0      | 8.0      | 12.0     | 12.0     | 8.0      | 12.0     | 20.0     | 12.0     | N = 25 |

## Student Growth Percentile Range

| Prior 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/[-15,-1.746]         | 10.00                           | 6.36     | 6.36     | 10.91    | 4.55     | 13.64    | 10.00    | 9.09     | 14.55    | 14.55    | (9.6%)  |
| 2nd/[-1.746,-1.443]      | 6.09                            | 16.52    | 6.96     | 8.70     | 8.70     | 6.09     | 13.04    | 12.17    | 13.04    | 8.70     | (10.1%) |
| 3rd/[-1.443,-1.212]      | 3.60                            | 9.91     | 9.91     | 6.31     | 17.12    | 11.71    | 12.61    | 7.21     | 7.21     | 14.41    | (9.7%)  |
| 4th/[-1.212,-1.095]      | 12.38                           | 3.81     | 14.29    | 8.57     | 10.48    | 9.52     | 10.48    | 13.33    | 8.57     | 8.57     | (9.2%)  |
| 5th/[-1.095,-0.916]      | 9.43                            | 10.38    | 8.49     | 9.43     | 13.21    | 9.43     | 8.49     | 6.60     | 14.15    | 10.38    | (9.3%)  |
| 6th/[-0.916,-0.7602]     | 8.06                            | 9.68     | 5.65     | 11.29    | 9.68     | 8.87     | 17.74    | 12.90    | 5.65     | 10.48    | (10.9%) |
| 7th/[-0.7602,-0.4974]    | 8.00                            | 9.60     | 9.60     | 12.80    | 8.80     | 12.00    | 7.20     | 12.00    | 5.60     | 14.40    | (11%)   |
| 8th/[-0.4974,-0.2794]    | 8.77                            | 10.53    | 11.40    | 13.16    | 5.26     | 8.77     | 11.40    | 8.77     | 15.79    | 6.14     | (10%)   |
| 9th/[-0.2794,0.3297]     | 7.83                            | 13.91    | 12.17    | 14.78    | 13.04    | 9.57     | 3.48     | 11.30    | 5.22     | 8.70     | (10.1%) |
| 10th/[0.3297,2.535]      | 21.74                           | 7.83     | 15.65    | 4.35     | 8.70     | 10.43    | 5.22     | 6.09     | 11.30    | 8.70     | (10.1%) |

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

## QQ-Plot: Student Growth Percentiles

