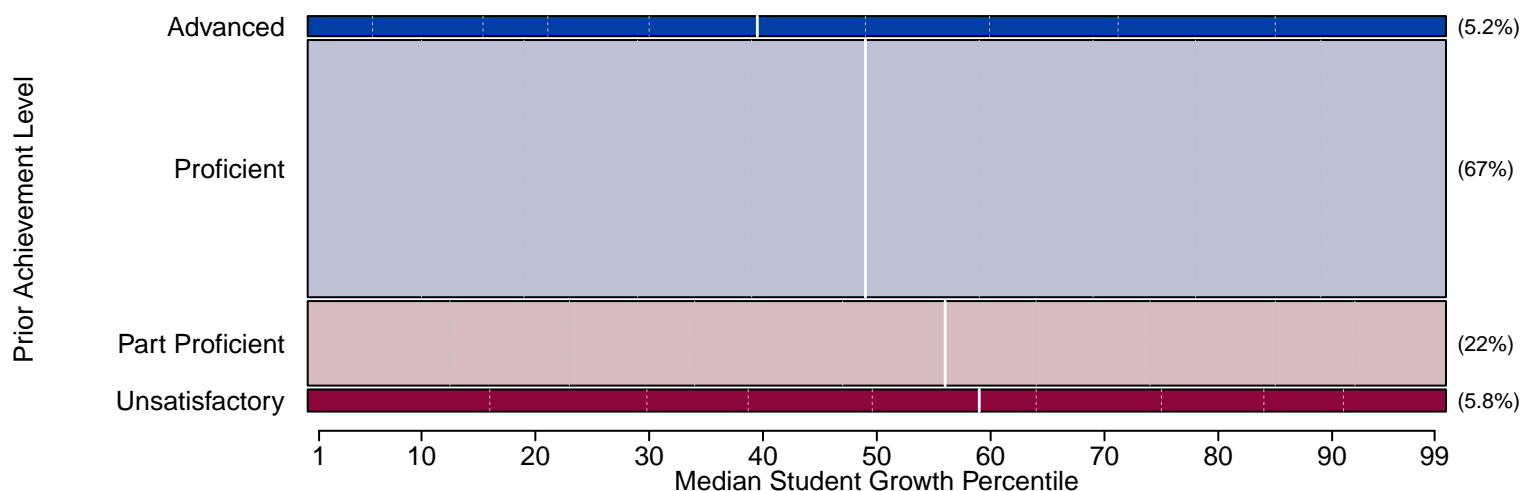


# Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017 Reading SGP SIMEX Ranked, Grade 5 (N = 4,161)

## SGP Deciles by Prior Achievement Level (Reading)



## 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:  | [220,435]                       | 36.0   | 12.0     | 24.0     | 16.0     | 8.0      | 4.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | N = 25 |
|   |              | [435,465]                       | 3.8    | 7.7      | 30.8     | 15.4     | 19.2     | 11.5     | 3.8      | 0.0      | 0.0      | 3.8      | 0.0      | N = 26 |
|   | Highest OSS: | [738,754]                       | 0.0    | 0.0      | 0.0      | 0.0      | 0.0      | 4.0      | 0.0      | 8.0      | 20.0     | 16.0     | 28.0     | N = 25 |
|   |              | [754,853]                       | 0.0    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 4.0      | 8.0      | 24.0     | 28.0     | N = 25 |

## Student Growth Percentile 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 |         |
| Prior Scale Score Decile/Range* | 1st/[180,534]  | 4.43                            | 6.90     | 7.39     | 10.34    | 9.11     | 12.07    | 10.84    | 10.84    | 13.30    | 14.78    | (9.8%)  |
|                                 | 2nd/[534,559]  | 8.63                            | 12.95    | 8.63     | 9.11     | 7.43     | 10.79    | 9.35     | 11.03    | 9.83     | 12.23    | (10%)   |
|                                 | 3rd/[559,575]  | 7.00                            | 8.21     | 7.73     | 10.39    | 10.39    | 11.35    | 9.66     | 9.18     | 12.80    | 13.29    | (9.9%)  |
|                                 | 4th/[575,589]  | 7.88                            | 8.11     | 9.07     | 13.37    | 8.59     | 8.35     | 10.26    | 10.74    | 11.93    | 11.69    | (10.1%) |
|                                 | 5th/[589,601]  | 7.82                            | 8.31     | 11.49    | 11.00    | 11.25    | 8.80     | 10.02    | 10.02    | 10.27    | 11.00    | (9.8%)  |
|                                 | 6th/[601,612]  | 10.51                           | 10.51    | 11.25    | 8.80     | 11.25    | 9.54     | 10.76    | 8.56     | 8.80     | 10.02    | (9.8%)  |
|                                 | 7th/[612,624]  | 10.05                           | 11.87    | 11.87    | 7.76     | 10.50    | 9.36     | 8.45     | 14.16    | 8.22     | 7.76     | (10.5%) |
|                                 | 8th/[624,638]  | 8.17                            | 12.02    | 11.30    | 8.17     | 8.17     | 10.34    | 12.02    | 9.62     | 9.38     | 10.82    | (10%)   |
|                                 | 9th/[638,656]  | 11.14                           | 13.12    | 10.40    | 9.65     | 9.16     | 10.15    | 10.89    | 9.90     | 8.17     | 7.43     | (9.7%)  |
|                                 | 10th/[656,772] | 17.72                           | 10.02    | 10.49    | 11.66    | 10.72    | 8.39     | 8.62     | 9.79     | 6.53     | 6.06     | (10.3%) |

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

## QQ-Plot: Student Growth Percentiles

