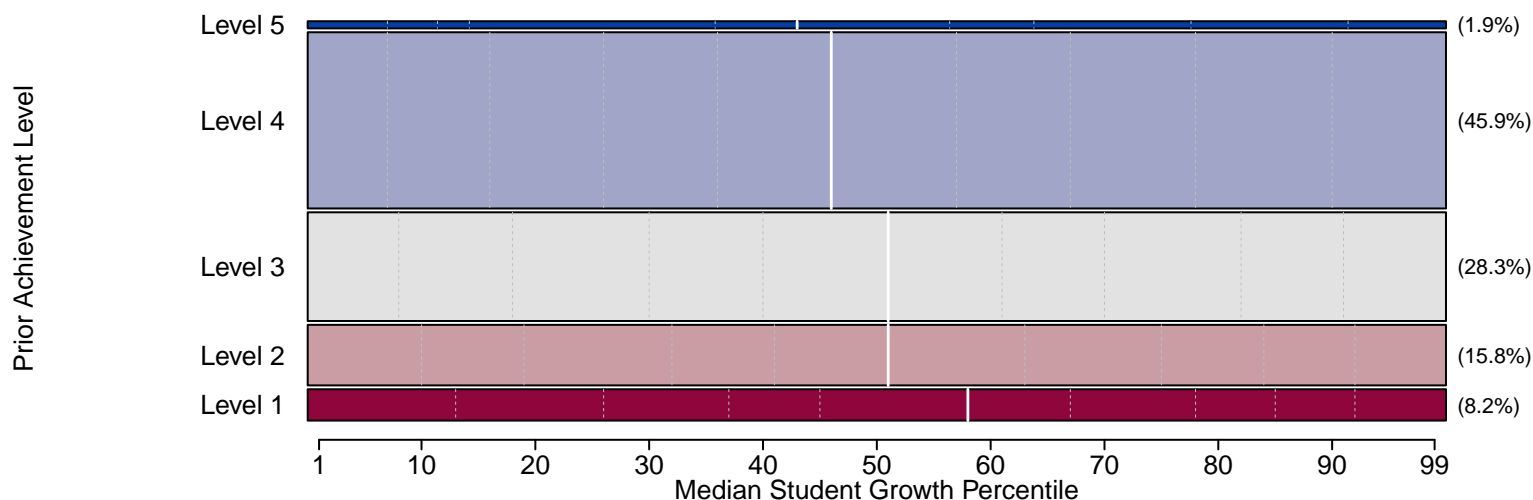


Student Growth Percentile Goodness-of-Fit Descriptives

2016–2017.1 Algebra I SS SGP SIMEX, Grade EOCT (N = 3,367)

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: | [650,670] | 62.9 | 20.0 | 11.4 | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N = 35 |
| | | [670,679] | 34.3 | 20.0 | 25.7 | 14.3 | 2.9 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N = 35 |
| | Highest OSS: | [809,815] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 24.0 | 20.0 | 20.0 | 24.0 | N = 25 |
| | | [815,850] | 0.0 | 3.8 | 3.8 | 0.0 | 0.0 | 0.0 | 7.7 | 3.8 | 15.4 | 11.5 | 53.8 | N = 26 |

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/[650,703] | 8.92 | 7.69 | 9.85 | 8.31 | 9.54 | 7.08 | 10.77 | 12.00 | 10.15 | 15.69 | (9.7%) |
| 2nd/[703,719] | 7.93 | 10.67 | 6.71 | 9.15 | 10.37 | 10.67 | 10.67 | 6.71 | 12.20 | 14.94 | (9.7%) |
| 3rd/[719,730] | 10.81 | 9.12 | 10.14 | 14.19 | 10.47 | 8.78 | 7.43 | 6.76 | 11.49 | 10.81 | (8.8%) |
| 4th/[730,739] | 10.34 | 11.73 | 11.45 | 7.54 | 8.10 | 10.89 | 9.50 | 9.50 | 10.61 | 10.34 | (10.6%) |
| 5th/[739,747] | 8.84 | 8.23 | 8.23 | 9.45 | 9.15 | 10.06 | 9.45 | 10.67 | 11.59 | 14.33 | (9.7%) |
| 6th/[747,755] | 12.80 | 8.53 | 7.47 | 12.80 | 12.00 | 8.00 | 11.20 | 8.00 | 9.33 | 9.87 | (11.1%) |
| 7th/[755,762] | 8.58 | 13.86 | 10.89 | 8.58 | 9.24 | 6.60 | 10.89 | 11.22 | 7.92 | 12.21 | (9%) |
| 8th/[762,771] | 12.78 | 8.33 | 11.11 | 10.83 | 8.06 | 8.89 | 9.17 | 9.44 | 9.72 | 11.67 | (10.7%) |
| 9th/[771,782] | 12.57 | 14.04 | 11.99 | 7.31 | 9.06 | 10.23 | 6.43 | 10.53 | 7.89 | 9.94 | (10.2%) |
| 10th/[782,850] | 13.92 | 13.92 | 9.38 | 9.38 | 7.95 | 8.24 | 11.93 | 9.66 | 7.67 | 7.95 | (10.5%) |

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

QQ-Plot: Student Growth Percentiles

