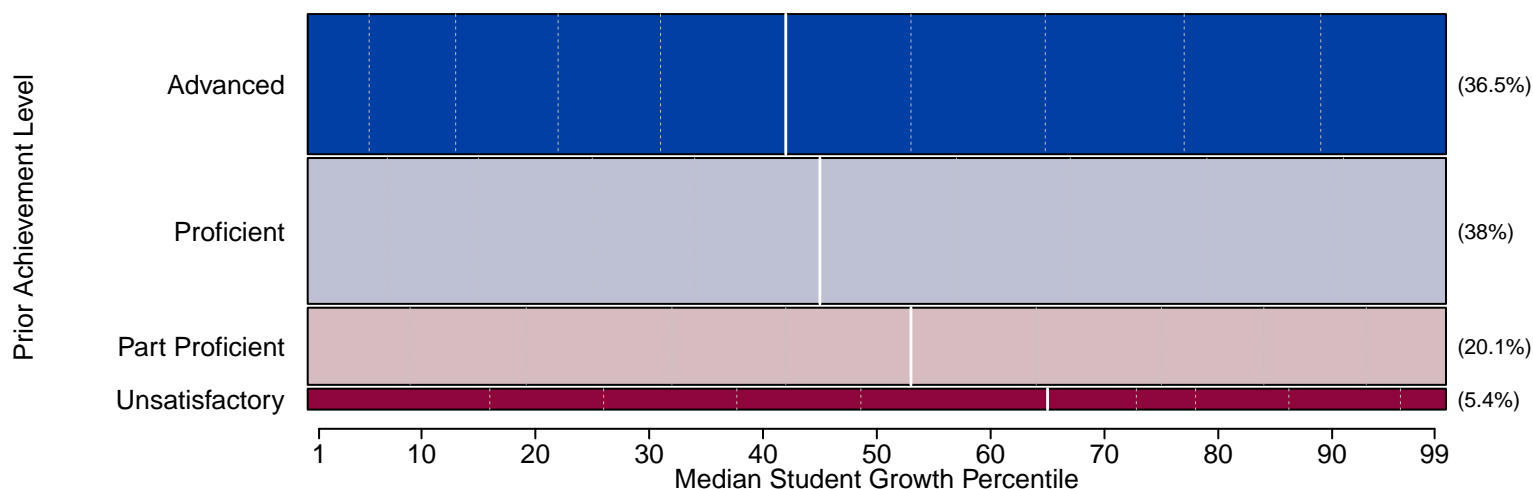


Student Growth Percentile Goodness-of-Fit Descriptives

2015–2016 Mathematics SGP SIMEX, Grade 6 (N = 4,042)

SGP Deciles by Prior Achievement Level (Mathematics)



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: | [240,346] | 40.0 | 8.0 | 20.0 | 0.0 | 12.0 | 0.0 | 8.0 | 4.0 | 4.0 | 0.0 | 4.0 | N = 25 |
| | | [346,375] | 28.0 | 8.0 | 20.0 | 8.0 | 12.0 | 4.0 | 0.0 | 0.0 | 12.0 | 0.0 | 4.0 | N = 25 |
| | Highest OSS: | [716,731] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 0.0 | 18.2 | 18.2 | 27.3 | N = 22 |
| | | [731,830] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 10.3 | 10.3 | N = 29 |

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/[247,446] | 8.06 | 9.07 | 7.05 | 11.84 | 8.06 | 6.80 | 9.32 | 13.10 | 10.33 | 16.37 | (9.8%) |
| 2nd/[446,480] | 10.12 | 10.62 | 8.40 | 7.41 | 10.37 | 9.14 | 8.89 | 9.38 | 11.36 | 14.32 | (10%) |
| 3rd/[480,503] | 10.32 | 9.83 | 9.09 | 9.58 | 8.85 | 9.34 | 7.86 | 9.58 | 11.55 | 14.00 | (10.1%) |
| 4th/[503,523] | 12.66 | 10.92 | 11.91 | 11.17 | 7.94 | 9.68 | 8.44 | 8.68 | 7.94 | 10.67 | (10%) |
| 5th/[523,539] | 10.12 | 9.88 | 10.37 | 8.64 | 11.36 | 9.63 | 8.64 | 10.37 | 8.64 | 12.35 | (10%) |
| 6th/[539,555] | 17.09 | 11.56 | 10.80 | 8.79 | 7.29 | 8.79 | 7.04 | 9.05 | 8.79 | 10.80 | (9.8%) |
| 7th/[555,573] | 15.78 | 11.89 | 10.19 | 9.22 | 7.77 | 11.41 | 6.31 | 9.71 | 7.04 | 10.68 | (10.2%) |
| 8th/[573,595] | 16.02 | 11.37 | 10.08 | 8.53 | 9.30 | 8.79 | 8.53 | 7.75 | 11.11 | 8.53 | (9.6%) |
| 9th/[595,627] | 16.08 | 13.95 | 10.87 | 8.27 | 9.69 | 7.57 | 9.46 | 6.86 | 9.69 | 7.57 | (10.5%) |
| 10th/[627,800] | 13.58 | 12.59 | 12.59 | 9.88 | 10.12 | 9.63 | 7.90 | 7.65 | 6.91 | 9.14 | (10%) |

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

QQ-Plot: Student Growth Percentiles

