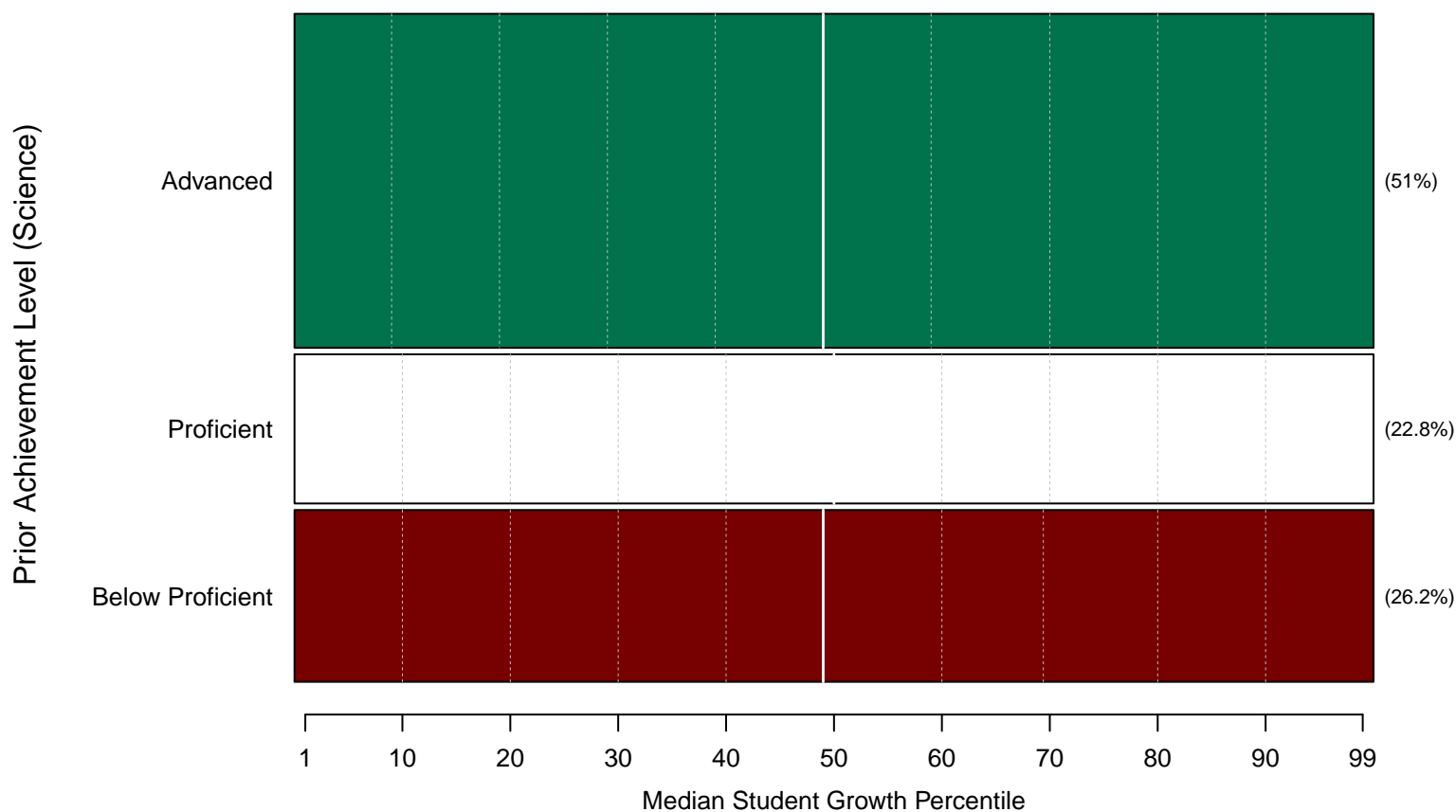


Student Growth Percentile Goodness-of-Fit Descriptives

2011 Science SGP, Grade 8 (N = 38,321)

SGP Deciles by Prior Achievement Level



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/[130,152] | 9.97 | 9.37 | 10.86 | 10.49 | 10.37 | 9.57 | 9.74 | 9.86 | 9.91 | 9.86 | (9.1%) |
| 2nd/[152,157] | 9.69 | 10.74 | 9.07 | 9.07 | 10.20 | 9.82 | 10.12 | 10.04 | 10.37 | 10.88 | (9.6%) |
| 3rd/[157,161] | 9.10 | 9.55 | 10.67 | 10.73 | 9.39 | 10.78 | 10.25 | 9.63 | 9.53 | 10.38 | (9.8%) |
| 4th/[161,164] | 10.32 | 10.04 | 10.27 | 9.74 | 10.34 | 8.88 | 9.64 | 10.29 | 9.94 | 10.52 | (10.4%) |
| 5th/[164,167] | 9.60 | 10.37 | 10.04 | 9.42 | 10.24 | 9.78 | 10.27 | 9.73 | 9.80 | 10.76 | (10.1%) |
| 6th/[167,169] | 9.48 | 10.21 | 9.71 | 10.61 | 9.14 | 11.31 | 8.91 | 9.68 | 9.81 | 11.14 | (7.8%) |
| 7th/[169,172] | 10.39 | 10.07 | 10.17 | 10.05 | 10.41 | 9.02 | 9.93 | 9.85 | 10.33 | 9.75 | (13.1%) |
| 8th/[172,175] | 9.29 | 10.45 | 10.62 | 10.04 | 9.92 | 9.84 | 10.07 | 10.45 | 9.43 | 9.90 | (9%) |
| 9th/[175,179] | 11.39 | 9.88 | 10.52 | 9.18 | 9.63 | 10.46 | 9.56 | 9.37 | 9.34 | 10.65 | (8.2%) |
| 10th/[179,199] | 10.19 | 9.80 | 9.46 | 10.21 | 10.11 | 9.82 | 9.99 | 9.97 | 10.21 | 10.25 | (12.9%) |

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

QQ-Plot: Student Growth Percentiles

