# ACT CAAP Writing Test Results California State University, Fresno 

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In spring 2006, faculty teaching sections of upper division writing courses were encouraged to make one class meeting available in which to give their students ACT's Collegiate Assessment of Academic Proficiency (CAAP) Writing Test. In April, the University Testing Office coordinated the distribution and collection of examinations with faculty. Of the 1,917 students from 75 writing class sections 1,047 took the exam. After excluding missing student ID entries, there are a total of 951 entries with valid test scores and ID.

## Institutional Sample and national sample

Approximately 30\% of the sample identified themselves as Caucasian, $75 \%$ as having English as their first language, and $73 \%$ were 25 years of age or less. Nearly $50 \%$ of the sample identified themselves as seniors, $41 \%$ as juniors and $5 \%$ as sophomores. National student sample are mainly from north central (72\%) and southern (20\%) regions. Among the national student sample with self-reported racial information, 74\% Caucasian, 11\% Black, 2\% Asian/Pacific Islander, 3\% Mexican-American. There is 73\% sophomore in the national student sample. There is no information available regarding the age and whether English is their first language for national student sample. Therefore, our institutional sample cannot be compared to the national sample.

## Overall Performance

The CAAP Test reports a scaled maximum score of 80 for the writing score and 25 for the Usage/Mechanics score and the Rhetoric score.

Table 1. Descriptive statistics for ACT writing test scores for Fresno State students

|  | N | Mean | Min | Max | Std. Deviation |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Writing Score | 951 | 60.4 | 47 | 73 | 5.2 |
| Mechanics Score | 951 | 15.3 | 9 | 21 | 2.6 |
| Rhetoric Score | 951 | 15.3 | 9 | 21 | 2.7 |

## Gender

Table 2 shows group statistics for test scores by gender. According to the T-Test significance levels in the table, gender differences were not significant in the results of any of the three testing scores. Males comprised approximately $41 \%$ of our campus sample taking the test. University figures report approximately $41 \%$ of our campus student body is male, so our sample tested for writing is representative of the gender distribution University-wide.

Table 2. ACT writing scores by gender

|  | sex | $N$ |  | Mean | Std. <br> Deviation | Mean <br> Difference |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Writing Score | Male | 388 | 60.7 | 5.2 | 0.3 | 0.298 |
|  | Female | 555 | 60.3 | 5.1 |  |  |
| Mechanics Score | Male | 388 | 15.4 | 2.6 | 0.1 | 0.605 |
|  | Female | 555 | 15.3 | 2.5 |  |  |
| Rhetoric Score | Male | 388 | 15.4 | 2.7 | 0.182 |  |
|  | Female | 555 | 15.2 | 2.7 |  |  |

## Ethnicity

Group statistics by ethnicity are shown in Table 3. ANOVA is used to test the difference in scores between ethnic groups: White, Asian, Hispanic, Chicano, African American, Southeast Asian and other (all other ethnic groups). Results show that white students do better on the writing skills test than students in any other identifiable ethnic groups.

Table 3a. ACT writing scores by ethnicity

|  |  | N | Mean | Std. Deviation | 95\% Confidence Interval for Mean |  | Min | Max |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Bound |  |  | Upper Bound |  |  |
| Writing Score | No response |  | 54 | 59.6 | 4.8 | 58.3 | 60.9 | 48 | 72 |
|  | Asian | 70 | 58.5 | 4.5 | 57.4 | 59.5 | 51 | 69 |
|  | Black | 44 | 58.6 | 4.5 | 57.2 | 59.9 | 50 | 67 |
|  | Hispanic | 71 | 58.7 | 4.8 | 57.6 | 59.8 | 47 | 70 |
|  | Chicano | 214 | 59.1 | 4.6 | 58.5 | 59.7 | 49 | 70 |
|  | White | 288 | 63.2 | 4.7 | 62.7 | 63.8 | 52 | 72 |
|  | Other | 100 | 60.2 | 4.9 | 59.2 | 61.2 | 48 | 71 |


|  | Prefer not to respond | 53 | 61.9 | 5.4 | 60.4 | 63.4 | 49 | 73 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Southeast Asian | 57 | 57.2 | 4.9 | 55.9 | 58.6 | 49 | 71 |
|  | Total | 951 | 60.4 | 5.1 | 60.1 | 60.8 | 47 | 73 |
| Mechanics Score | No response | 54 | 14.9 | 2.4 | 14.2 | 15.5 | 9 | 20 |
|  | Asian | 70 | 14.6 | 2.2 | 14.0 | 15.1 | 10 | 20 |
|  | Black | 44 | 14.4 | 2.4 | 13.7 | 15.2 | 9 | 19 |
|  | Hispanic | 71 | 14.4 | 2.4 | 13.8 | 15.0 | 9 | 20 |
|  | Chicano | 214 | 14.7 | 2.4 | 14.4 | 15.0 | 10 | 20 |
|  | White | 288 | 16.6 | 2.3 | 16.3 | 16.9 | 11 | 21 |
|  | Other | 100 | 15.2 | 2.6 | 14.7 | 15.7 | 9 | 21 |
|  | Prefer not to respond | 53 | 15.9 | 2.7 | 15.2 | 16.7 | 11 | 21 |
|  | Southeast Asian | 57 | 13.9 | 2.7 | 13.2 | 14.6 | 9 | 20 |
|  | Total | 951 | 15.3 | 2.6 | 15.2 | 15.5 | 9 | 21 |
| Rhetoric Score | No response | 54 | 14.8 | 2.6 | 14.1 | 15.5 | 9 | 21 |
|  | Asian | 70 | 14.1 | 2.5 | 13.5 | 14.7 | 10 | 19 |
|  | Black | 44 | 14.3 | 2.3 | 13.7 | 15.0 | 10 | 19 |
|  | Hispanic | 71 | 14.5 | 2.5 | 13.9 | 15.1 | 9 | 21 |
|  | Chicano | 214 | 14.6 | 2.4 | 14.3 | 15.0 | 10 | 20 |
|  | White | 288 | 16.7 | 2.5 | 16.4 | 17.0 | 10 | 21 |
|  | Other | 100 | 15.2 | 2.6 | 14.7 | 15.7 | 10 | 21 |
|  | Prefer not to respond | 53 | 16.0 | 2.8 | 15.3 | 16.8 | 10 | 21 |
|  | Southeast Asian | 57 | 13.7 | 2.3 | 13.1 | 14.3 | 10 | 21 |
|  | Total | 951 | 15.3 | 2.7 | 15.1 | 15.5 | 9 | 21 |

Table 3b. ANOVA model statistics

|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Writing Score | Between Groups | 3,976.151 | 8 | 497.019 | 22.113 | 0.000 |
|  | Within Groups | 21,172.476 | 942 | 22.476 |  |  |
|  | Total | 25,148.627 | 950 |  |  |  |
| Mechanics Score | Between Groups | 847.562 | 8 | 105.945 | 18.318 | 0.000 |
|  | Within Groups | 5,448.169 | 942 | 5.784 |  |  |
|  | Total | 6,295.731 | 950 |  |  |  |
| Rhetoric Score | Between Groups | 1,029.063 | 8 | 128.633 | 20.772 | 0.000 |
|  | Within Groups | 5,833.568 | 942 | 6.193 |  |  |
|  | Total | 6,862.631 | 950 |  |  |  |

## English as first language

The T-test results in Table 4 show that students whose first language is English performed significantly better than students whose first language is not English (significance level is less than 0.00001).

Table 4. ACT writing scores by English as first language

|  | English |  |  |  | Std. <br> Deviation | Mean <br> Difference |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Sig. |  |  |  |  |  |  |
| Writing Score | First language | 716 | 61.6 | 4.9 | 4.6 | 0.000 |
|  | Not first language | 224 | 57.0 | 4.2 |  |  |
| Mechanics Score | First language | 716 | 15.8 | 2.5 | 2.0 | 0.000 |
|  | Not first language | 224 | 13.8 | 2.2 |  |  |
| Rhetoric Score | First language | 716 | 15.9 | 2.6 | 2.4 |  |
|  | Not first language | 224 | 13.5 | 2.2 |  |  |

## Student level

Of the students who completed the test, $91 \%$ are Junior or Senior students. To test whether there is a difference between Junior, Senior and other student levels, ANOVA is used in the study. The results show that there is no significant difference on ACT writing test scores by student level (significant level at $\mathrm{p}>0.29$ ).

Table 5a. ACT writing scores by student level

|  |  | N | Mean | Std. <br> Deviation | 95\% Confidence Interval for Mean |  | Min | Max |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Bound |  |  | Upper Bound |  |  |
| Writing Score | Other |  | 82 | 59.6 | 6 | 58.3 | 61 | 48 | 72 |
|  | Junior | 387 | 60.6 | 4.9 | 60.1 | 61.1 | 49 | 72 |
|  | Senior | 482 | 60.4 | 5.2 | 60 | 60.9 | 47 | 73 |
|  | Total | 951 | 60.4 | 5.1 | 60.1 | 60.8 | 47 | 73 |
| Mechanics Score | Other | 82 | 15 | 3 | 14.3 | 15.6 | 9 | 21 |
|  | Junior | 387 | 15.4 | 2.4 | 15.2 | 15.7 | 10 | 21 |
|  | Senior | 482 | 15.3 | 2.6 | 15.1 | 15.5 | 9 | 21 |
|  | Total | 951 | 15.3 | 2.6 | 15.2 | 15.5 | 9 | 21 |
| Rhetoric Score | Other | 82 | 14.9 | 3.1 | 14.2 | 15.5 | 9 | 21 |
|  | Junior | 387 | 15.4 | 2.6 | 15.1 | 15.6 | 10 | 21 |
|  | Senior | 482 | 15.3 | 2.7 | 15.1 | 15.5 | 9 | 21 |


|  | Total | 951 | 15.3 | 2.7 | 15.1 | 15.5 | 9 | 21 |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

Table 5b. ANOVA model statistics

|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Writing Score | Between Groups | 65.447 | 2 | 32.723 | 1.237 | . 291 |
|  | Within Groups | 25083.180 | 948 | 26.459 |  |  |
|  | Total | 25148.627 | 950 |  |  |  |
| Mechanics Score | Between Groups | 14.264 | 2 | 7.132 | 1.076 | . 341 |
|  | Within Groups | 6281.466 | 948 | 6.626 |  |  |
|  | Total | 6295.731 | 950 |  |  |  |
| Rhetoric Score | Between Groups | 16.773 | 2 | 8.387 | 1.161 | . 314 |
|  | Within Groups | 6845.858 | 948 | 7.221 |  |  |
|  | Total | 6862.631 | 950 |  |  |  |

Table 5c. Pairwise comparison on student level

| Dependent Variable | (I) Education Level | (J) Education Level | Mean Differen ce (I-J) | Std. Error | Sig. | 95\% Confidence Interval |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Lower Bound | Upper <br> Bound |
| Writing Score | Other | Junior | -1.0 | 0.6 | 0.3 | -2.5 | 0.5 |
|  |  | Senior | -0.8 | 0.6 | 0.6 | -2.3 | 0.7 |
|  | Junior | Other | 1.0 | 0.6 | 0.3 | -0.5 | 2.5 |
|  |  | Senior | 0.2 | 0.4 | 1.0 | -0.7 | 1.0 |
|  | Senior | Other | 0.8 | 0.6 | 0.6 | -0.7 | 2.3 |
|  |  | Junior | -0.2 | 0.4 | 1.0 | -1.0 | 0.7 |
| Mechanics Score | Other | Junior | -0.5 | 0.3 | 0.4 | -1.2 | 0.3 |
|  |  | Senior | -0.4 | 0.3 | 0.8 | -1.1 | 0.4 |
|  | Junior | Other | 0.5 | 0.3 | 0.4 | -0.3 | 1.2 |
|  |  | Senior | 0.1 | 0.2 | 1.0 | -0.3 | 0.5 |
|  | Senior | Other | 0.4 | 0.3 | 0.8 | -0.4 | 1.1 |
|  |  | Junior | -0.1 | 0.2 | 1.0 | -0.5 | 0.3 |
| Rhetoric Score | Other | Junior | -0.5 | 0.3 | 0.4 | -1.3 | 0.3 |
|  |  | Senior | -0.4 | 0.3 | 0.5 | -1.2 | 0.3 |
|  | Junior | Other | 0.5 | 0.3 | 0.4 | -0.3 | 1.3 |
|  |  | Senior | 0.1 | 0.2 | 1.0 | -0.4 | 0.5 |
|  | Senior | Other | 0.4 | 0.3 | 0.5 | -0.3 | 1.2 |
|  |  | Junior | -0.1 | 0.2 | 1.0 | -0.5 | 0.4 |

## Freshman or transfer

The T-test results in Table 6 show that there is no difference between students that enrolled as freshman or as transfers on their _writing scores (significance level $>0.7$ ).

Table 6. ACT writing scores by entering student type

|  | Freshman <br> enrollment | N | Mean | Std. <br> Deviation | Mean <br> Difference | Sig. |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Writing Score | Freshman | 403 | 60.5 | 5.2 |  |  |
|  | Not freshman | 547 | 60.6 | 5.1 | -0.1 | 0.876 |
| Mechanics <br> Score | Freshman | 403 | 15.4 | 2.6 |  |  |
|  | Not freshman | 547 | 15.4 | 2.5 | 0.0 | 0.984 |
|  | Freshman | 403 | 15.3 | 2.7 |  |  |
|  | Not freshman | 547 | 15.4 | 2.7 | 0.0 | 0.784 |

## Cumulative GPA

Students with a higher cumulative GPA perform better on the writing tests than students with a lower cumulative GPA. Students with a cumulative GPA above 3.50, performed better on the writing tests than any other students. Students with a cumulative GPA at the range of $3.01 \sim 3.50$, did better than students with lower than 3.00 cumulative GPA. There is no significant difference between students whose cumulative GPA is at 2.51~3.00 and students whose GPA is below 2.50.

Table 7a ACT writing scores by student cumulative GPA

|  |  | N | Mean | Std. <br> Deviation | 95\% Confidence Interval for Mean |  | Min | Max |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Bound |  |  | Upper Bound |  |  |
| Writing Score | below 2.50 |  | 202 | 58.822 | 4.660 | 58.175 | 59.468 | 48 | 72 |
|  | 2.51-3.00 | 347 | 59.775 | 4.861 | 59.262 | 60.288 | 47 | 72 |
|  | 3.01-3.50 | 300 | 61.020 | 5.169 | 60.433 | 61.607 | 48 | 73 |
|  | 3.51 or above | 102 | 64.225 | 4.848 | 63.273 | 65.178 | 51 | 72 |
|  | Total | 951 | 60.443 | 5.145 | 60.115 | 60.770 | 47 | 73 |
| Mechanics Score | below 2.50 | 202 | 14.495 | 2.363 | 14.167 | 14.823 | 9 | 21 |
|  | 2.51-3.00 | 347 | 14.965 | 2.472 | 14.704 | 15.226 | 9 | 21 |
|  | 3.01-3.50 | 300 | 15.707 | 2.584 | 15.413 | 16.000 | 9 | 21 |
|  | 3.51 or above | 102 | 16.990 | 2.340 | 16.531 | 17.450 | 11 | 21 |
|  | Total | 951 | 15.317 | 2.574 | 15.153 | 15.480 | 9 | 21 |
| Rhetoric Score | below 2.50 | 202 | 14.540 | 2.474 | 14.196 | 14.883 | 9 | 21 |
|  | 2.51-3.00 | 347 | 14.974 | 2.546 | 14.705 | 15.243 | 9 | 21 |
|  | 3.01-3.50 | 300 | 15.463 | 2.699 | 15.157 | 15.770 | 10 | 21 |
|  | 3.51 or | 102 | 17.314 | 2509 | 16.821 | 17807 | 10 | 21 |


|  | above |  |  |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Total | 951 | 15.287 | 2.688 | 15.116 | 15.458 | 9 | 21 |

Table 7b. ANOVA model statistics

|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Writing Score | Between Groups | 2244.882 | 3 | 748.294 | 30.940 | . 000 |
|  | Within Groups | 22903.745 | 947 | 24.186 |  |  |
|  | Total | 25148.627 | 950 |  |  |  |
| Mechanics Score | Between Groups | 510.474 | 3 | 170.158 | 27.853 | . 000 |
|  | Within Groups | 5785.257 | 947 | 6.109 |  |  |
|  | Total | 6295.731 | 950 |  |  |  |
| Rhetoric Score | Between Groups | 575.124 | 3 | 191.708 | 28.874 | . 000 |
|  | Within Groups | 6287.507 | 947 | 6.639 |  |  |
|  | Total | 6862.631 | 950 |  |  |  |

Table 7c. Pairwise comparison on cumulative GPA

| Dependent Variable | (I) CumGPA | (J) CumGPA | Mean Difference (I- <br> J) | Std. Error | Sig. | 95\% Confidence Interval |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Lower Bound | Upper <br> Bound |
| Writing Score | below 2.50 | 2.51-3.00 | -0.953 | 0.435 | 0.172 | -2.104 | 0.197 |
|  |  | 3.01-3.50 | -2.198(*) | 0.448 | 0.000 | -3.382 | -1.015 |
|  |  | 3.51 or above | -5.404(*) | 0.597 | 0.000 | -6.983 | -3.824 |
|  | 2.51-3.00 | below 2.50 | 0.953 | 0.435 | 0.172 | -0.197 | 2.104 |
|  |  | 3.01-3.50 | -1.245(*) | 0.388 | 0.008 | -2.270 | -0.220 |
|  |  | $3.51 \text { or }$ above | -4.450(*) | 0.554 | 0.000 | -5.915 | -2.986 |
|  | 3.01-3.50 | below 2.50 | 2.198(*) | 0.448 | 0.000 | 1.015 | 3.382 |
|  |  | 2.51-3.00 | 1.245(*) | 0.388 | 0.008 | 0.220 | 2.270 |
|  |  | $3.51 \text { or }$ above | -3.205(*) | 0.564 | 0.000 | -4.696 | -1.715 |
|  | 3.51 or above | below 2.50 | 5.404(*) | 0.597 | 0.000 | 3.824 | 6.983 |
|  |  | 2.51-3.00 | 4.450(*) | 0.554 | 0.000 | 2.986 | 5.915 |
|  |  | 3.01-3.50 | 3.205(*) | 0.564 | 0.000 | 1.715 | 4.696 |
| Mechanics Score | below 2.50 | 2.51-3.00 | -0.470 | 0.219 | 0.191 | -1.049 | 0.108 |
|  |  | 3.01-3.50 | -1.21162(*) | 0.225 | 0.000 | -1.806 | -0.617 |
|  |  | 3.51 or above | -2.49515(*) | 0.300 | 0.000 | -3.289 | -1.701 |
|  | 2.51-3.00 | below 2.50 | 0.470 | 0.219 | 0.191 | -0.108 | 1.049 |
|  |  | 3.01-3.50 | -.74125(*) | 0.195 | 0.001 | -1.256 | -0.226 |
|  |  | 3.51 or above | -2.02478(*) | 0.278 | 0.000 | -2.761 | -1.289 |
|  | 3.01-3.50 | below 2.50 | 1.21162(*) | 0.225 | 0.000 | 0.617 | 1.806 |
|  |  | 2.51-3.00 | .74125(*) | 0.195 | 0.001 | 0.226 | 1.256 |

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|  |  | $3.51 \text { or }$ above | -1.28353(*) | 0.283 | 0.000 | -2.033 | -0.535 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 3.51 \text { or } \\ & \text { above } \end{aligned}$ | below 2.50 | 2.49515(*) | 0.300 | 0.000 | 1.701 | 3.289 |
|  |  | 2.51-3.00 | 2.02478(*) | 0.278 | 0.000 | 1.289 | 2.761 |
|  |  | 3.01-3.50 | 1.28353(*) | 0.283 | 0.000 | 0.535 | 2.033 |
| Rhetoric Score | below 2.50 | 2.51-3.00 | -0.434 | 0.228 | 0.342 | -1.037 | 0.168 |
|  |  | 3.01-3.50 | -.92373(*) | 0.235 | 0.001 | -1.544 | -0.304 |
|  |  | 3.51 or above | -2.77412(*) | 0.313 | 0.000 | -3.602 | -1.947 |
|  | 2.51-3.00 | below 2.50 | 0.434 | 0.228 | 0.342 | -0.168 | 1.037 |
|  |  | 3.01-3.50 | -0.489 | 0.203 | 0.097 | -1.026 | 0.048 |
|  |  | 3.51 or above | -2.33966(*) | 0.290 | 0.000 | -3.107 | -1.572 |
|  | 3.01-3.50 | below 2.50 | .92373(*) | 0.235 | 0.001 | 0.304 | 1.544 |
|  |  | 2.51-3.00 | 0.489 | 0.203 | 0.097 | -0.048 | 1.026 |
|  |  | 3.51 or above | -1.85039(*) | 0.295 | 0.000 | -2.631 | -1.070 |
|  | $\begin{aligned} & \hline 3.51 \text { or } \\ & \text { above } \end{aligned}$ | below 2.50 | 2.77412(*) | 0.313 | 0.000 | 1.947 | 3.602 |
|  |  | 2.51-3.00 | 2.33966(*) | 0.290 | 0.000 | 1.572 | 3.107 |
|  |  | 3.01-3.50 | 1.85039(*) | 0.295 | 0.000 | 1.070 | 2.631 |

## Full Time/Part Time

T-test results show that there is no difference in writing scores between students enrolled part-time and those enrolled full-time.

Table 8. ACT writing scores by Full/Part time enrollment status

| Writing Score | FPT | N | Mean | Std. <br> Deviation | Mean <br> Difference | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Full time | 865 | 60.5 | 5.2 |  | 0.903 |
| Mechanics Score | Part time | 66 | 60.6 | 4.1 | -0.1 |  |
|  | Full time | 865 | 15.3 | 2.6 | 0.0 | 0.899 |
| Rhetoric Score | Full time | 66 | 15.3 | 2.1 |  | 0.780 |
|  | Part time | 865 | 15.3 | 2.7 | -0.1 |  |

## Professional/Non-professional

T-tests show that differences in the Professional/ Non-Professional students on writing scores are not significant. Students with majors in agriculture, business, computer and information sciences, education, engineering, health science and industrial technology are
defined as professional students. Students with majors in the sciences, arts and humanities, mathematics, and social sciences are defined as non-professional students. According to the list of majors provided by test center, non-professional majors include: biological science, communication, general studies, fine and applied arts, foreign language, home economics, letters, mathematics, philosophy/religion and social science. The rest of majors are professional majors, they are: agriculture, architecture, business, office management, marketing and purchasing, community service, computer and information science, education, engineering, health professionals and trade \& industrial.

Table 9. ACT writing scores by Professional/Non-professional

|  | ProfessionalMajor | N | Mean | Std. <br> Deviation | Mean <br> Difference | Sig. |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Writing | non-professional | 262 | 60.6 | 5.4 | -0.1 | 0.766 |
| Score | professional | 580 | 60.5 | 5.0 |  |  |
| Mechanics | non-professional | 262 | 15.4 | 2.7 | -0.1 | 0.553 |
| Score | professional | 580 | 15.3 | 2.5 |  |  |
| Rhetoric | non-professional | 262 | 15.4 | 2.8 | -0.1 | 0.850 |
| Score | professional | 580 | 15.3 | 2.6 | -1 |  |

