

Descriptive Statistics

“All” refers to all students enrolled in ENGL 1551 that semester

| Variable | Fall 2011 | | | Spring 2011 | | |
|-------------------|-------------|-------|------|-------------|-------|------|
| | ROAD sample | | All | ROAD sample | | All |
| | N | Mean | Mean | N | Mean | Mean |
| Age | 193 | 22.63 | 21.6 | 167 | 22.71 | 22.8 |
| High school GPA | 178 | 3.27 | 2.88 | 153 | 3.11 | 3.10 |
| YSU GPA | 193 | 2.78 | 2.61 | 167 | 3.14 | 2.79 |
| Hours Completed | 193 | 44.89 | 41.3 | 167 | 53.23 | 41.1 |
| ACT English Score | 146 | 17.56 | 18.2 | 137 | 21.72 | 21.1 |

| Ethnicity | Fall 2011 | | | Spring 2011 | | |
|-----------|-----------|---------|---------|-------------|---------|---------|
| | Freq. | Percent | Percent | Freq. | Percent | Percent |
| Other | 7 | 3.9 | 5.45 | 7 | 4.4 | 3.7 |
| Black | 29 | 16.2 | 19.65 | 14 | 8.8 | 12.4 |
| White | 143 | 79.9 | 67.44 | 138 | 86.8 | 78.9 |
| Gender | Freq. | Percent | Percent | Freq. | Percent | Percent |
| F | 98 | 51 | 52 | 97 | 58 | 54 |
| M | 95 | 49 | 48 | 70 | 42 | 46 |

| Grade | Fall 2011 | | Spring 2011 | |
|-------|-----------|---------|-------------|---------|
| | Freq. | Percent | Freq. | Percent |
| A | 82 | 42.49 | 97 | 58.08 |
| B | 58 | 30.05 | 45 | 26.95 |
| C | 41 | 21.24 | 13 | 7.78 |
| CR | 0 | 0 | 2 | 1.2 |
| NC | 12 | 6.22 | 10 | 5.99 |

| Rubric Items | Fall 2011 | | Spring 2011 | |
|---|-----------|------|-------------|------|
| | N | Mean | N | Mean |
| Context of and Purpose for Writing | 193 | 1.88 | 166 | 1.87 |
| Content Development | 193 | 1.73 | 167 | 1.76 |
| Writing Conventions | 193 | 1.73 | 167 | 1.60 |
| Sources and Evidence | 193 | 1.72 | 166 | 1.74 |
| Control of Syntax and Mechanics | 193 | 2.02 | 167 | 1.99 |
| Student's position (perspective, thesis/hypothesis) | 193 | 1.59 | 167 | 1.68 |
| Conclusions | 193 | 1.76 | 166 | 1.83 |

Logit Results

P Values for Statistically Significant Variables by Item, Fall 2011

| | Rubric Item | | | | | | |
|-------------|-------------|-----------|---------|----------|-----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | | | | | | | |
| Age Squared | | | | | | | |
| White | | | (+)0.04 | | | | (-)0.005 |
| Male | | (+)0.1 | | | | | |
| ACT English | (+)0.004 | (+)<.0001 | (+)0.01 | (+)0.003 | (+)<.0001 | (+)0.006 | (+)0.0005 |

P Values for Statistically Significant Variables by Item, Spring 2011

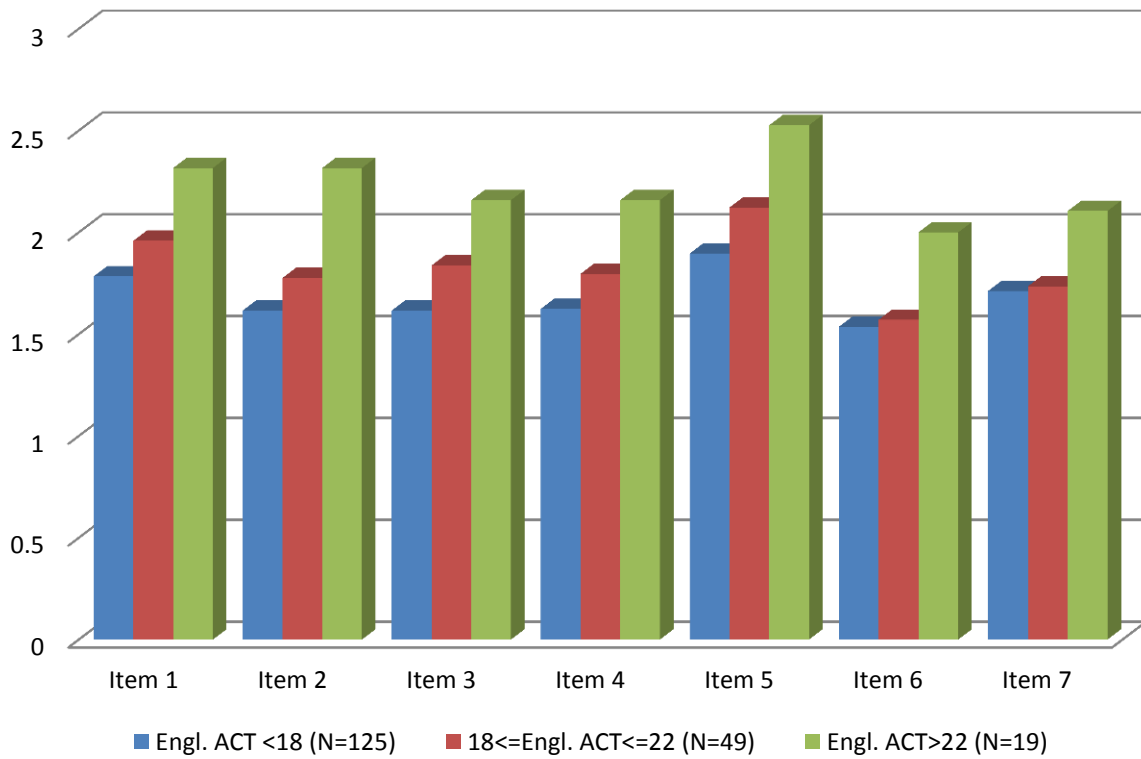
| | Rubric Item | | | | | | |
|-------------|-------------|----------|----------|-----------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | (-)0.07 | | (-)0.002 | | (-)0.01 | | |
| Age Squared | (+)0.07 | | (+)0.003 | | (+)0.01 | | |
| White | | | | | | | |
| Male | (+)0.1 | | | | | | |
| ACT English | (+)0.07 | (+)0.007 | (+)0.09 | (+)0.0004 | (+)0.02 | (+)0.02 | (+)0.03 |

P Values for Statistically Significant Variables by Item, Fall and Spring 2011

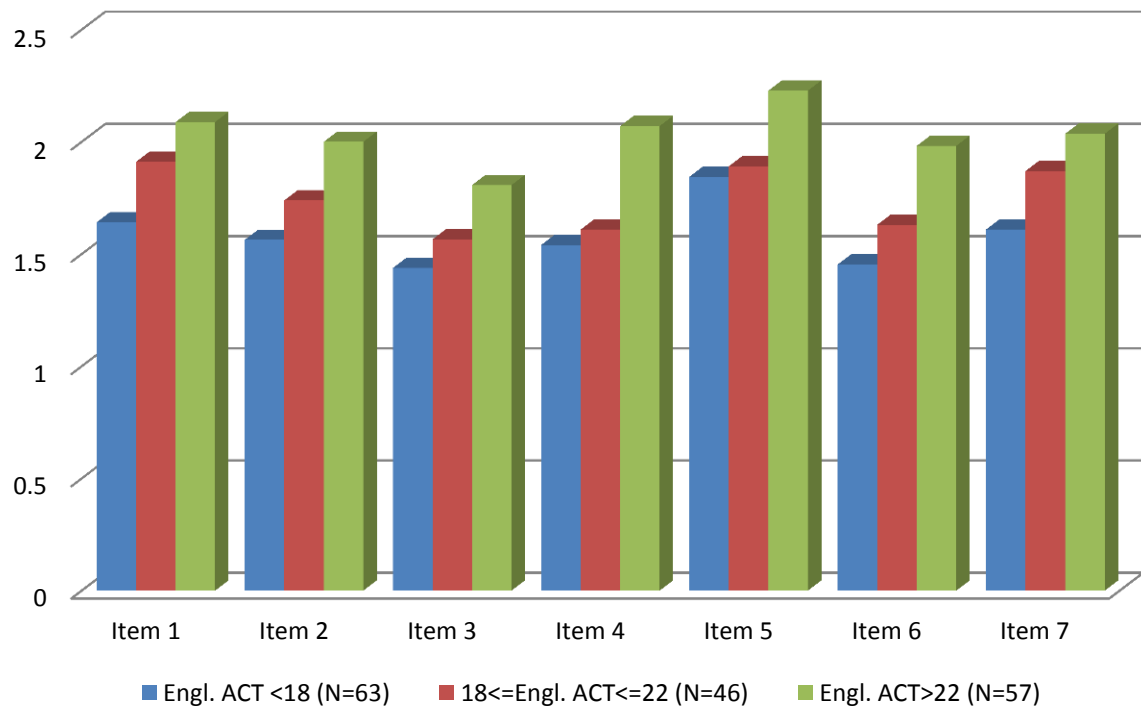
| | Rubric Item | | | | | | |
|-------------|-------------|-----------|----------|-----------|-----------|-----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | | | (-)0.006 | | (-)0.007 | | |
| Age Squared | | | (+)0.01 | | (+)0.007 | | |
| White | | | (+)0.07 | | | | (-)0.06 |
| Male | | | | | | | |
| ACT English | (+)0.001 | (+)<.0001 | (+)0.01 | (+)<.0001 | (+)<.0001 | (+)<.0001 | (+)<.0001 |

The signs of the coefficients are shown in parentheses

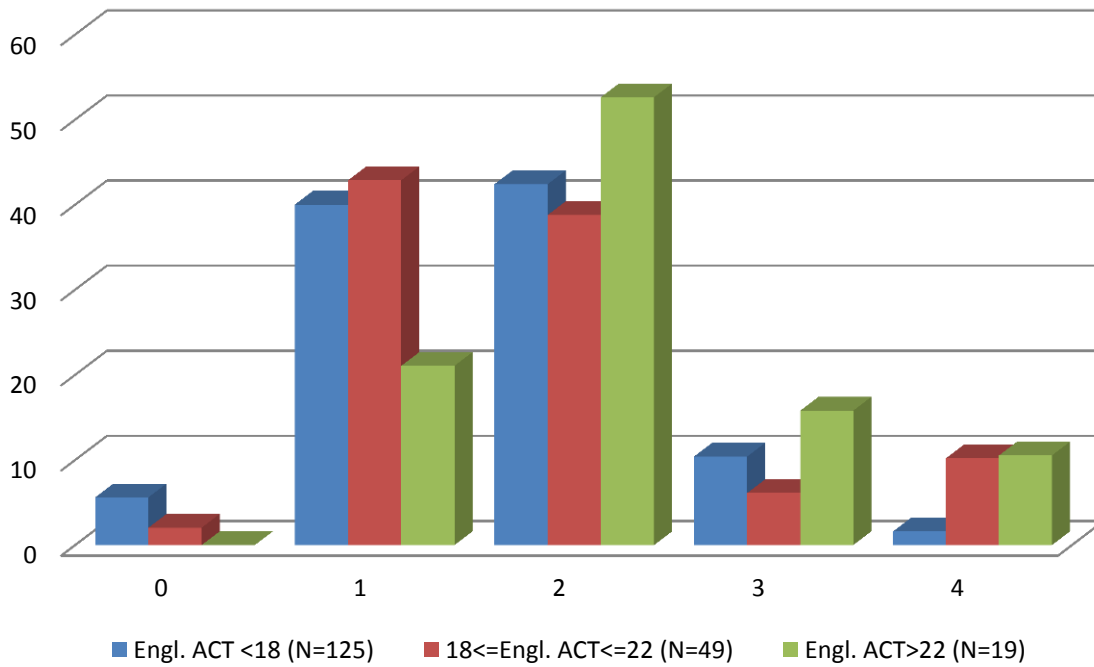
Mean Item Scores by ACT Group, Fall 2011



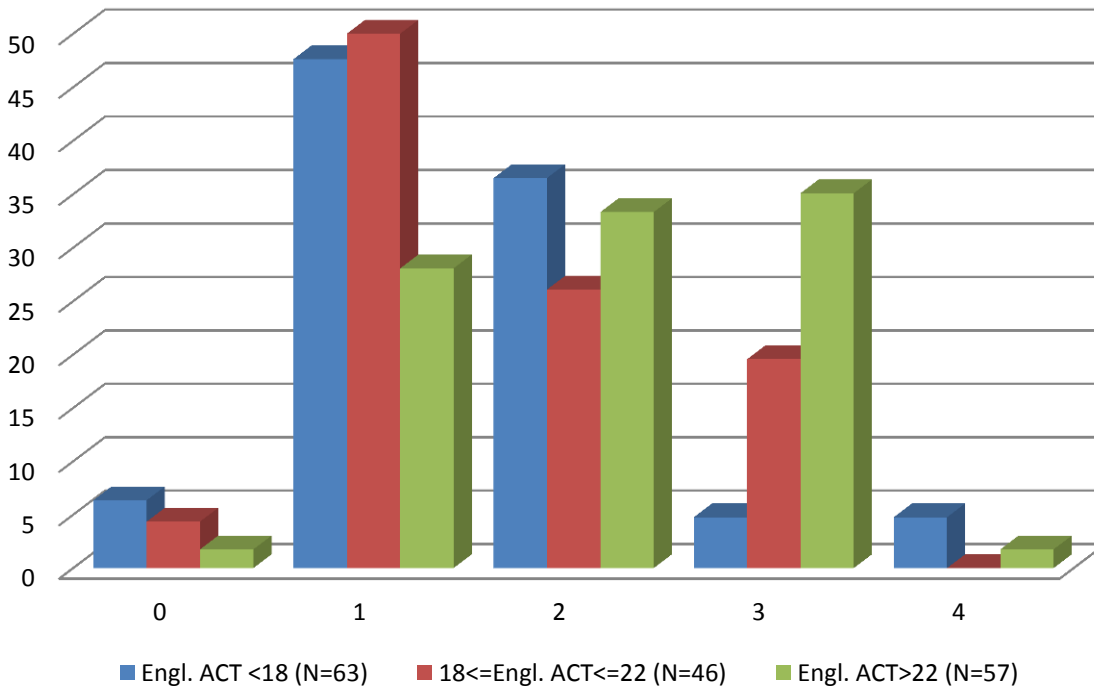
Mean Item Scores by ACT Group, Spring 2011

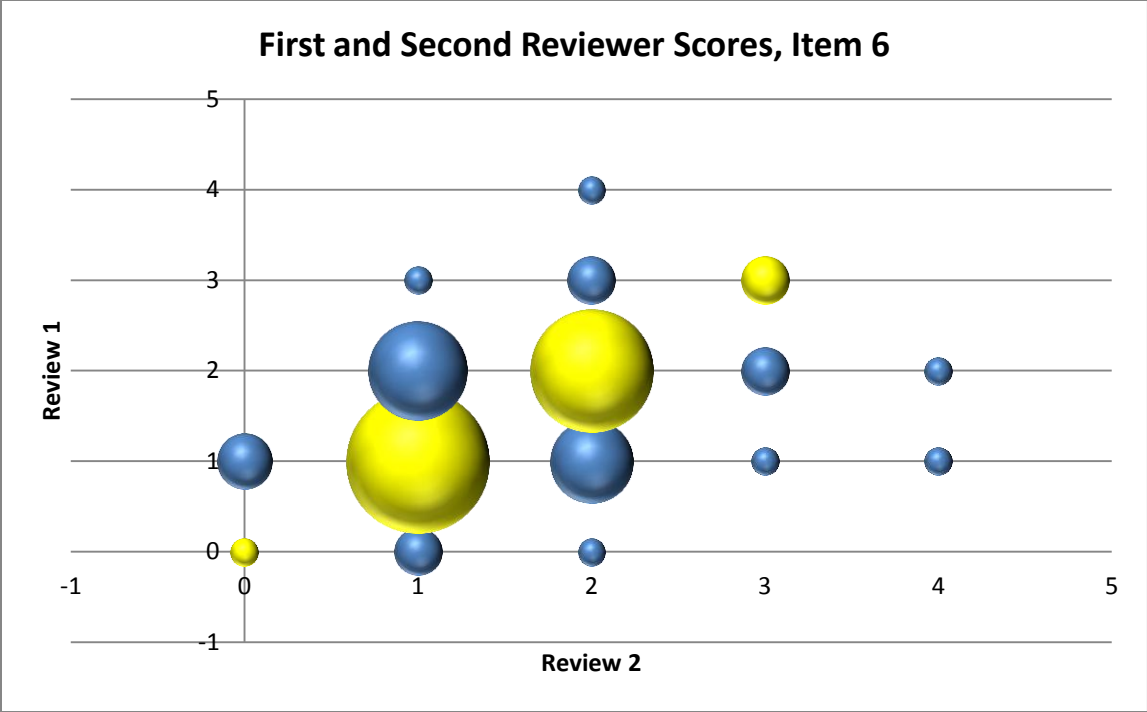


Percentage Distribution of Item 4 Scores by ACT Group, Fall 2011



Percentage Distribution of Item 4 Scores by ACT Group, Spring 2011





Analysis by Tod Porter, General Education Coordinator