**Supplementary material**

**Table 1A.** Error categories and specific types of errors in Criterion

|  |  |
| --- | --- |
| Error categories | Types of errors |
| Grammar | Fragments |
| Run-on sentences |
| Garbled sentences |
| Subject–verb agreement |
| Ill-formed verbs |
| Pronoun errors |
| Possessive errors |
| Wrong or missing word |
| Proofread this! |
| Usage | Determiner noun agreement |
| Missing or extra article |
| Confused words |
| Wrong form of word |
| Faulty comparisons |
| Preposition error |
| Nonstandard word form |
| Negation error |
| Wrong part of speech |
| Wrong article |
| Mechanics | Spelling |
| Capitalize proper nouns |
| Missing initial capital letter in a sentence |
| Missing question mark |
| Missing final punctuation |
| Missing apostrophe |
| Missing comma |
| Hyphen error |
| Fused words |
| Compound word |
| Duplicates |
| Extra comma |
| Style | Repetition of words |
| Inappropriate words or phrases |
| Sentences beginning with coordinating conjunctions |
| Short sentences |
| Long sentences |
| Passive voice |

**Table 2A.** The Wilcoxon signed-rank test results for significant error reductions from the first to the last submission of IE students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Assignment | Category | Error | Submission | *M* | *SD* | *z* | *p* | *r* |
| 1st | Grammar | Subject–verb agreement | First | 4.43 | 6.06 | –2.56 | .011 | –0.68 |
| Last | 1.86 | 5.10 |
| Grammar | Possessive | First | 2.21 | 2.19 | –2.04 | .041 | –0.55 |
| Last | 1.43 | 2.06 |
| Usage | Missing article | First | 12.21 | 8.68 | –2.56 | .011 | –0.68 |
| Last | 7.36 | 9.82 |
| Mechanics | Missing comma | First | 5.93 | 5.92 | –2.03 | .042 | –0.54 |
| Last | 4.64 | 6.63 |
| 2nd | Grammar | Subject–verb agreement | First | 4.38 | 5.68 | –2.03 | .042 | –0.72 |
| Last | .00 | .00 |
| Mechanics | Missing comma | First | 6.13 | 3.09 | –2.38 | .017 | –0.84 |
| Last | 2.50 | 2.93 |

*Note*. *r* = effect size.

**Table 3A.** The Wilcoxon signed-rank test results for significant error reductions from the first to the last submission of IS students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Assignment | Category | Error | Submission | *M* | *SD* | *z* | *p* | *r* |
| 1st | Grammar | Garbled sentences | First | 0.55 | 1.10 | –2.33 | .020 | –0.52 |
| Last | 0.15 | 0.67 |
| Grammar | Subject–verb agreement | First | 4.30 | 5.10 | –2.99 | .003 | –0.67 |
| Last | 0.80 | 1.44 |
| Grammar | Possessive | First | 1.65 | 3.98 | –1.93 | .054 | –0.43 |
| Last | 0.90 | 2.15 |
| Grammar | Proofread this! | First | 1.75 | 1.80 | –2.70 | .007 | –0.60 |
| Last | 0.70 | 1.59 |
| Usage | Missing article | First | 14.80 | 9.75 | –2.48 | .004 | –0.55 |
| Last | 10.30 | 10.89 |
| Usage | Confused words | First | 1.85 | 2.21 | –2.85 | .004 | –0.64 |
| Last | 0.95 | 2.09 |
| Usage | Wrong form of word | First | 0.80 | 1.44 | –2.27 | .023 | –0.51 |
| Last | 0.40 | 1.23 |
| Mechanics | Missing comma | First | 4.20 | 4.27 | –2.27 | .023 | –0.51 |
| Last | 2.40 | 4.38 |
| Mechanics | Extra comma | First | 1.20 | 1.79 | –2.39 | .017 | –0.53 |
| Last | 0.45 | 1.00 |
| 2nd | Grammar | Subject–verb agreement | First | 3.57 | 3.59 | –2.40 | .016 | –0.54 |
| Last | 1.52 | 2.06 |
| Usage | Missing article | First | 14.43 | 6.82 | –2.91 | .004 | –0.65 |
| Last | 9.19 | 7.93 |
| Mechanics | Spelling | First | 19.57 | 12.88 | –2.03 | .042 | –0.45 |
| Last | 17.95 | 12.24 |
| Mechanics | Missing initial capital letter | First | 1.10 | 1.61 | –1.93 | .054 | –0.43 |
| Last | 0.62 | 1.24 |
| Mechanics | Missing comma | First | 5.05 | 5.33 | –2.25 | .024 | –0.50 |
| Last | 3.52 | 3.17 |

*Note*. *r* = effect size.