Supplemental Digital Content

Table 1 Descriptive Statistics for CATWa and SWAb Individual Items (N = 27)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   |  | Mean (SDc) | Minimum, Maximum | R1/R2d Mean Range |  |
| **CATW ITEMS** |  |  |  |
| R1 Critical Response to Task | 5.0(1.3) | 2.0, 6.0 |  |
| R2 Critical Response to Task | 4.6(0.8) | 3.0, 6.0 | 0.4 |
| R1 Development of Ideas | 5.1(1.3) | 2.0, 6.0 |  |
| R2 Development of Ideas | 4.4(0.7) | 3.0, 6.0 | 0.7e |
| R1 Structure of Response | 5.0(1.1) | 2.0, 6.0 |  |
| R2 Structure of Response | 4.3(0.8) | 3.0, 6.0 | 0.7 e |
| R1 Sentence and Word Choice | 5.2(1.3) | 2.0, 6.0 |  |
| R2 Sentence and Word Choice | 4.7(0.8) | 3.0, 6.0 | 0.5 e |
| R1 Grammar, Usage, Mechanics  | 5.6(0.8) | 3.0, 6.0 |  |
| R2 Grammar, Usage, Mechanics | 5.3(0.7) | 4.0, 6.0 | 0.3 |
| **SWA ITEMS** |  |  |  |
| **Fundamental Skills** |  |  |  |
| R1 Grammar, punctuation, and style |  4.4(0.6) |  3.0, 5.0 |  |
| R2 Grammar, punctuation, and style | 4.8(0.4) | 4.0, 5.0 | 0.4 |
| R1 Format | 4.2(0.5) | 3.0, 5.0 |  |
| R2 Format | 4.6(0.5) | 4.0, 5.0 | 0.4 |
| R1 Adheres to Structure | 4.7(0.7) | 3.0, 5.0 |  |
| R2 Adheres to Structure | 4.8(0.5) | 3.0, 5.0 | 0.1 |
| R1 Concise / Non-Redundant | 3.5(1.2) | 1.0, 5.0 |  |
| R2 Concise / Non-Redundant | 3.2(0.8) | 2.0, 4.0 | 0.3 |
| **Information Literacy and Integrity** |  |  |  |
| R1 Substantive content | 4.5(0.9) | 2.0, 5.0 |  |
| R2 Substantive content | 4.5(0.6) | 3.0, 5.0 | 0.0 |
| R1 Primary sources | 3.3(1.4) | 2.0, 5.0 |  |
| R2 Primary sources | 3.8(0.8) | 2.0, 5.0 | 0.5 e |
| R1 Paraphrasing | 4.6(1.0) | 1.0, 5.0 |  |
| R2 Paraphrasing | 4.7(0.9) | 1.0, 5.0 | 0.1 |
| R1 Source selection | 4.5(0.8) | 3.0, 5.0 |  |
| R2 Source selection | 4.0(0.7) | 3.0, 5.0 | 0.5 e |
| **Organization, Conceptualization, and Critical Analysis** |  |  |  |
| R1 Clear and narrow focus | 4.9(0.8) | 1.0, 5.0 |  |
| R2 Clear and narrow focus | 4.3(0.7) | 3.0, 5.0 | 0.6 e |
| R1 Organization - Headings | 4.4(0.7) | 3.0, 5.0 |  |
| R2 Organization - Headings | 4.5(0.8) | 2.0, 5.0 | 0.1 |
| R1 Organization - Logical flow | 4.3(1.0) | 2.0, 5.0 |  |
| R2 Organization - Logical flow | 3.7(0.9) | 2.0, 5.0 | 0.6 e |
| R1 Critical Appraisal | 3.0(1.7) | 1.0, 5.0 |  |
| R2 Critical Appraisal | 3.3(0.9) | 1.0, 5.0 | 0.3 |
| R1 Synthesis | 4.3(0.9) | 2.0, 5.0 |  |
| R2 Synthesis | 4.2(0.7) | 3.0, 5.0 | 0.1 |

a City University of New York Assessment Test of Writing

b Scientific Writing Assessment

c Standard deviation

d Rater 1/Rater 2

e Discrepancy ≥0.5