**(one-way repeated measures ANOVA)**

# **COMPREHENSION CHECK**

**TASK 1 vs 2**

|  |
| --- |
| **Estimates** |
| Measure: comp\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 1.267 | .371 | .471 | 2.063 |
| 2 | .600 | .235 | .096 | 1.104 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: comp\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 26.133 | 1 | 26.133 | 24.610 | .000 | .637 |
| Error | 14.867 | 14 | 1.062 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: comp\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 1 | 2 | .667 | .494 | .199 | -.394 | 1.727 |
| 2 | 1 | -.667 | .494 | .199 | -1.727 | .394 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

**Task 1 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: comp\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 1.267 | .371 | .471 | 2.063 |
| 3 | .133 | .091 | -.062 | .328 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: comp\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 14.700 | 1 | 14.700 | 12.250 | .004 | .467 |
| Error | 16.800 | 14 | 1.200 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: comp\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.b | 95% Confidence Interval for Differenceb |
| Lower Bound | Upper Bound |
| 1 | 3 | 1.133\* | .363 | .008 | .354 | 1.913 |
| 3 | 1 | -1.133\* | .363 | .008 | -1.913 | -.354 |
| Based on estimated marginal means |
| \*. The mean difference is significant at the ,05 level. |
| b. Adjustment for multiple comparisons: Bonferroni. |

**Task 2 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: comp\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 2 | .600 | .235 | .096 | 1.104 |
| 3 | .133 | .091 | -.062 | .328 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: comp\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 4.033 | 1 | 4.033 | 10.329 | .006 | .425 |
| Error | 5.467 | 14 | .390 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: comp\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 2 | 3 | .467 | .274 | .110 | -.120 | 1.054 |
| 3 | 2 | -.467 | .274 | .110 | -1.054 | .120 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

# **CONFIRMATION CHECK**

**Task 1 vs 2**

|  |
| --- |
| **Estimates** |
| Measure: conf\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 6.933 | 1.106 | 4.561 | 9.306 |
| 2 | 5.800 | 1.506 | 2.570 | 9.030 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: conf\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 1216.033 | 1 | 1216.033 | 39.185 | .000 | .737 |
| Error | 434.467 | 14 | 31.033 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: conf\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 1 | 2 | 1.133 | 1.687 | .513 | -2.485 | 4.752 |
| 2 | 1 | -1.133 | 1.687 | .513 | -4.752 | 2.485 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

**Task 1 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: conf\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 6.933 | 1.106 | 4.561 | 9.306 |
| 3 | 8.467 | 2.147 | 3.862 | 13.071 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: conf\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 1778.700 | 1 | 1778.700 | 26.898 | .000 | .658 |
| Error | 925.800 | 14 | 66.129 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: conf\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 1 | 3 | -1.533 | 1.687 | .379 | -5.152 | 2.085 |
| 3 | 1 | 1.533 | 1.687 | .379 | -2.085 | 5.152 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

**Task 2 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: conf\_check  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 5.800 | 1.506 | 2.570 | 9.030 |
| 2 | 8.467 | 2.147 | 3.862 | 13.071 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: conf\_check  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 1526.533 | 1 | 1526.533 | 29.058 | .000 | .675 |
| Error | 735.467 | 14 | 52.533 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: conf\_check  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 2 | 3 | -2.667 | 2.598 | .322 | -8.239 | 2.905 |
| 3 | 2 | 2.667 | 2.598 | .322 | -2.905 | 8.239 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

# **CLARIFICATION REQUEST**

**Task 1 vs 2**

|  |
| --- |
| **Estimates** |
| Measure: cla\_request  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 20.733 | 1.926 | 16.603 | 24.864 |
| 2 | 13.533 | 1.450 | 10.423 | 16.644 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: cla\_request  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 8806.533 | 1 | 8806.533 | 178.047 | .000 | .927 |
| Error | 692.467 | 14 | 49.462 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: cla\_request  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.b | 95% Confidence Interval for Differenceb |
| Lower Bound | Upper Bound |
| 1 | 2 | 7.200\* | 2.243 | .006 | 2.390 | 12.010 |
| 2 | 1 | -7.200\* | 2.243 | .006 | -12.010 | -2.390 |
| Based on estimated marginal means |
| \*. The mean difference is significant at the ,05 level. |
| b. Adjustment for multiple comparisons: Bonferroni. |

**Task 1 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: cla\_request  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 1 | 20.733 | 1.926 | 16.603 | 24.864 |
| 3 | 19.333 | 2.110 | 14.807 | 23.860 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: cla\_request  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 12040.033 | 1 | 12040.033 | 122.459 | .000 | .897 |
| Error | 1376.467 | 14 | 98.319 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: cla\_request  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.a | 95% Confidence Interval for Differencea |
| Lower Bound | Upper Bound |
| 1 | 3 | 1.400 | 1.794 | .448 | -2.447 | 5.247 |
| 3 | 1 | -1.400 | 1.794 | .448 | -5.247 | 2.447 |
| Based on estimated marginal means |
| a. Adjustment for multiple comparisons: Bonferroni. |

**Task 2 vs 3**

|  |
| --- |
| **Estimates** |
| Measure: cla\_request  |
| task | Mean | Std. Error | 95% Confidence Interval |
| Lower Bound | Upper Bound |
| 2 | 13.533 | 1.450 | 10.423 | 16.644 |
| 3 | 19.333 | 2.110 | 14.807 | 23.860 |

|  |
| --- |
| **Tests of Between-Subjects Effects** |
| Measure: cla\_request  |
| Transformed Variable: Average  |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. | Partial Eta Squared |
| Intercept | 8101.633 | 1 | 8101.633 | 122.505 | .000 | .897 |
| Error | 925.867 | 14 | 66.133 |  |  |  |

|  |
| --- |
| **Pairwise Comparisons** |
| Measure: cla\_request  |
| (I) task | (J) task | Mean Difference (I-J) | Std. Error | Sig.b | 95% Confidence Interval for Differenceb |
| Lower Bound | Upper Bound |
| 2 | 3 | -5.800\* | 2.073 | .014 | -10.246 | -1.354 |
| 3 | 2 | 5.800\* | 2.073 | .014 | 1.354 | 10.246 |
| Based on estimated marginal means |
| \*. The mean difference is significant at the ,05 level. |
| b. Adjustment for multiple comparisons: Bonferroni. |