

# **STUDY 1**

## Number of entries: Repeated Measures ANOVA

Within Subjects Effects

|                    | Sum of Squares | df | Mean Square | F     | p      | $\eta^2_p$ |
|--------------------|----------------|----|-------------|-------|--------|------------|
| Cue                | 378.8          | 1  | 378.82      | 33.95 | < .001 | 0.523      |
| Residual           | 345.9          | 31 | 11.16       |       |        |            |
| SessionBlock       | 25.5           | 3  | 8.49        | 5.94  | < .001 | 0.161      |
| Residual           | 132.9          | 93 | 1.43        |       |        |            |
| Cue * SessionBlock | 90.0           | 3  | 30.02       | 26.57 | < .001 | 0.462      |
| Residual           | 105.1          | 93 | 1.13        |       |        |            |

Note. Type 3 Sums of Squares

Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F | p | $\eta^2_p$ |
|----------|----------------|----|-------------|---|---|------------|
| Residual | 654            | 31 | 21.1        |   |   |            |

Note. Type 3 Sums of Squares

## Post Hoc Tests

Post Hoc Comparisons - Cue \* SessionBlock

| Comparison |              |      |              |  | Mean Difference | SE     | df   | t      | Ptukey |
|------------|--------------|------|--------------|--|-----------------|--------|------|--------|--------|
| Cue        | SessionBlock | Cue  | SessionBlock |  |                 |        |      |        |        |
| A+         | 1            | - A+ | 2            |  | -1.9895         | 0.3586 | 31.0 | -5.548 | < .001 |
|            |              | - A+ | 3            |  | -2.0243         | 0.4484 | 31.0 | -4.515 | 0.002  |
|            |              | - A+ | 4            |  | -2.1468         | 0.5040 | 31.0 | -4.259 | 0.004  |
|            |              | - B- | 1            |  | 0.4213          | 0.1596 | 31.0 | 2.639  | 0.180  |
|            |              | - B- | 2            |  | 0.7863          | 0.2251 | 31.0 | 3.493  | 0.028  |
|            |              | - B- | 3            |  | 1.0543          | 0.2663 | 31.0 | 3.959  | 0.009  |
|            |              | - B- | 4            |  | 1.3091          | 0.2428 | 31.0 | 5.392  | < .001 |
|            | 2            | - A+ | 3            |  | -0.0348         | 0.3393 | 31.0 | -0.103 | 1.000  |
|            |              | - A+ | 4            |  | -0.1573         | 0.3580 | 31.0 | -0.439 | 1.000  |
|            |              | - B- | 1            |  | 2.4107          | 0.4664 | 31.0 | 5.169  | < .001 |
|            |              | - B- | 2            |  | 2.7758          | 0.4876 | 31.0 | 5.692  | < .001 |
|            |              | - B- | 3            |  | 3.0438          | 0.5332 | 31.0 | 5.708  | < .001 |
|            |              | - B- | 4            |  | 3.2986          | 0.5146 | 31.0 | 6.410  | < .001 |
|            | 3            | - A+ | 4            |  | -0.1225         | 0.1721 | 31.0 | -0.711 | 0.996  |
|            |              | - B- | 1            |  | 2.4456          | 0.5276 | 31.0 | 4.635  | 0.001  |
|            |              | - B- | 2            |  | 2.8106          | 0.5315 | 31.0 | 5.288  | < .001 |
|            |              | - B- | 3            |  | 3.0787          | 0.5449 | 31.0 | 5.650  | < .001 |
|            |              | - B- | 4            |  | 3.3335          | 0.5426 | 31.0 | 6.143  | < .001 |
|            | 4            | - B- | 1            |  | 2.5680          | 0.5848 | 31.0 | 4.391  | 0.003  |
|            |              | - B- | 2            |  | 2.9331          | 0.5842 | 31.0 | 5.020  | < .001 |
|            |              | - B- | 3            |  | 3.2011          | 0.5951 | 31.0 | 5.379  | < .001 |
|            |              | - B- | 4            |  | 3.4559          | 0.5908 | 31.0 | 5.849  | < .001 |
| B-         | 1            | - B- | 2            |  | 0.3650          | 0.1324 | 31.0 | 2.756  | 0.144  |
|            |              | - B- | 3            |  | 0.6331          | 0.1749 | 31.0 | 3.619  | 0.020  |
|            |              | - B- | 4            |  | 0.8879          | 0.1585 | 31.0 | 5.601  | < .001 |
|            | 2            | - B- | 3            |  | 0.2681          | 0.1058 | 31.0 | 2.534  | 0.219  |
|            |              | - B- | 4            |  | 0.5229          | 0.0980 | 31.0 | 5.335  | < .001 |
|            | 3            | - B- | 4            |  | 0.2548          | 0.0945 | 31.0 | 2.695  | 0.162  |

## Percent time: Repeated Measures ANOVA

Within Subjects Effects

|                    | Sum of Squares | df | Mean Square | F    | p      | $\eta^2_p$ |
|--------------------|----------------|----|-------------|------|--------|------------|
| Cue                | 43540          | 1  | 43539.6     | 76.4 | < .001 | 0.711      |
| Residual           | 17678          | 31 | 570.3       |      |        |            |
| SessionBlock       | 6121           | 3  | 2040.2      | 23.0 | < .001 | 0.426      |
| Residual           | 8258           | 93 | 88.8        |      |        |            |
| Cue * SessionBlock | 6705           | 3  | 2234.9      | 32.6 | < .001 | 0.513      |
| Residual           | 6374           | 93 | 68.5        |      |        |            |

Note. Type 3 Sums of Squares

Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F | p | $\eta^2_p$ |
|----------|----------------|----|-------------|---|---|------------|
| Residual | 45816          | 31 | 1478        |   |   |            |

Note. Type 3 Sums of Squares

## Post Hoc Tests

## Post Hoc Comparisons - Cue \* SessionBlock

| Comparison |              |      |              |  | Mean Difference | SE   | df   | t       | Ptukey |
|------------|--------------|------|--------------|--|-----------------|------|------|---------|--------|
| Cue        | SessionBlock | Cue  | SessionBlock |  |                 |      |      |         |        |
| A+         | 1            | - A+ | 2            |  | -1.7961         | 2.29 | 31.0 | -0.7839 | 0.993  |
|            |              | - A+ | 3            |  | -0.0489         | 2.88 | 31.0 | -0.0170 | 1.000  |
|            |              | - A+ | 4            |  | -0.9412         | 3.19 | 31.0 | -0.2951 | 1.000  |
|            |              | - B- | 1            |  | 9.5682          | 2.16 | 31.0 | 4.4261  | 0.002  |
|            |              | - B- | 2            |  | 24.7097         | 2.92 | 31.0 | 8.4557  | < .001 |
|            |              | - B- | 3            |  | 31.1917         | 2.90 | 31.0 | 10.7572 | < .001 |
|            |              | - B- | 4            |  | 36.0750         | 3.01 | 31.0 | 11.9794 | < .001 |
|            | 2            | - A+ | 3            |  | 1.7472          | 1.86 | 31.0 | 0.9390  | 0.979  |
|            |              | - A+ | 4            |  | 0.8549          | 2.34 | 31.0 | 0.3650  | 1.000  |
|            |              | - B- | 1            |  | 11.3643         | 2.76 | 31.0 | 4.1206  | 0.006  |
|            |              | - B- | 2            |  | 26.5058         | 2.90 | 31.0 | 9.1478  | < .001 |
|            |              | - B- | 3            |  | 32.9878         | 3.23 | 31.0 | 10.2131 | < .001 |
|            |              | - B- | 4            |  | 37.8711         | 3.58 | 31.0 | 10.5858 | < .001 |
|            |              | - B- | 4            |  | 37.8711         | 3.58 | 31.0 | 10.5858 | < .001 |
|            | 3            | - A+ | 4            |  | -0.8922         | 1.36 | 31.0 | -0.6575 | 0.998  |
|            |              | - B- | 1            |  | 9.6172          | 3.55 | 31.0 | 2.7113  | 0.157  |
|            |              | - B- | 2            |  | 24.7586         | 3.86 | 31.0 | 6.4209  | < .001 |
|            |              | - B- | 3            |  | 31.2406         | 3.90 | 31.0 | 8.0085  | < .001 |
|            |              | - B- | 4            |  | 36.1239         | 4.08 | 31.0 | 8.8490  | < .001 |
|            | 4            | - B- | 1            |  | 10.5094         | 3.87 | 31.0 | 2.7190  | 0.155  |
|            |              | - B- | 2            |  | 25.6508         | 4.27 | 31.0 | 6.0056  | < .001 |
|            |              | - B- | 3            |  | 32.1328         | 4.35 | 31.0 | 7.3868  | < .001 |
|            |              | - B- | 4            |  | 37.0161         | 4.50 | 31.0 | 8.2346  | < .001 |
| B-         | 1            | - B- | 2            |  | 15.1414         | 1.80 | 31.0 | 8.4205  | < .001 |
|            |              | - B- | 3            |  | 21.6234         | 2.22 | 31.0 | 9.7515  | < .001 |
|            |              | - B- | 4            |  | 26.5067         | 2.51 | 31.0 | 10.5420 | < .001 |
|            | 2            | - B- | 3            |  | 6.4820          | 1.74 | 31.0 | 3.7164  | 0.016  |
|            |              | - B- | 4            |  | 11.3653         | 2.22 | 31.0 | 5.1240  | < .001 |
|            | 3            | - B- | 4            |  | 4.8833          | 1.44 | 31.0 | 3.3820  | 0.036  |

# Latency: Repeated Measures ANOVA

Within Subjects Effects

|                    | Sum of Squares | df | Mean Square | F     | p      | $\eta^2_p$ |
|--------------------|----------------|----|-------------|-------|--------|------------|
| Cue                | 263.9          | 1  | 263.900     | 163.8 | < .001 | 0.841      |
| Residual           | 49.9           | 31 | 1.611       |       |        |            |
| SessionBlock       | 45.7           | 3  | 15.247      | 19.2  | < .001 | 0.382      |
| Residual           | 73.9           | 93 | 0.794       |       |        |            |
| Cue * SessionBlock | 97.2           | 3  | 32.410      | 65.6  | < .001 | 0.679      |
| Residual           | 45.9           | 93 | 0.494       |       |        |            |

Note. Type 3 Sums of Squares

Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F | p | $\eta^2_p$ |
|----------|----------------|----|-------------|---|---|------------|
| Residual | 269            | 31 | 8.68        |   |   |            |

Note. Type 3 Sums of Squares

## Post Hoc Tests

## Post Hoc Comparisons - Cue \* SessionBlock

| Comparison |              |      |              |  | Mean Difference | SE    | df   | t      | P <sub>tukey</sub> |
|------------|--------------|------|--------------|--|-----------------|-------|------|--------|--------------------|
| Cue        | SessionBlock | Cue  | SessionBlock |  |                 |       |      |        |                    |
| A+         | 1            | - A+ | 2            |  | -0.6666         | 0.170 | 31.0 | -3.923 | 0.009              |
|            |              | - A+ | 3            |  | -0.5162         | 0.181 | 31.0 | -2.853 | 0.118              |
|            |              | - A+ | 4            |  | -0.5906         | 0.199 | 31.0 | -2.970 | 0.092              |
|            |              | - B- | 1            |  | 0.0994          | 0.159 | 31.0 | 0.624  | 0.998              |
|            |              | - B- | 2            |  | 1.2341          | 0.239 | 31.0 | 5.167  | < .001             |
|            |              | - B- | 3            |  | 2.2238          | 0.268 | 31.0 | 8.299  | < .001             |
|            |              | - B- | 4            |  | 2.7918          | 0.297 | 31.0 | 9.397  | < .001             |
|            | 2            | - A+ | 3            |  | 0.1504          | 0.115 | 31.0 | 1.307  | 0.889              |
|            |              | - A+ | 4            |  | 0.0760          | 0.139 | 31.0 | 0.546  | 0.999              |
|            |              | - B- | 1            |  | 0.7660          | 0.132 | 31.0 | 5.796  | < .001             |
|            |              | - B- | 2            |  | 1.9007          | 0.162 | 31.0 | 11.758 | < .001             |
|            |              | - B- | 3            |  | 2.8904          | 0.238 | 31.0 | 12.168 | < .001             |
|            |              | - B- | 4            |  | 3.4584          | 0.287 | 31.0 | 12.071 | < .001             |
|            |              | - B- | 4            |  | 3.4584          | 0.287 | 31.0 | 12.071 | < .001             |
|            | 3            | - A+ | 4            |  | -0.0744         | 0.114 | 31.0 | -0.651 | 0.998              |
|            |              | - B- | 1            |  | 0.6156          | 0.189 | 31.0 | 3.251  | 0.049              |
|            |              | - B- | 2            |  | 1.7503          | 0.197 | 31.0 | 8.897  | < .001             |
|            |              | - B- | 3            |  | 2.7400          | 0.230 | 31.0 | 11.902 | < .001             |
|            |              | - B- | 4            |  | 3.3079          | 0.284 | 31.0 | 11.645 | < .001             |
|            | 4            | - B- | 1            |  | 0.6900          | 0.213 | 31.0 | 3.242  | 0.051              |
|            |              | - B- | 2            |  | 1.8247          | 0.235 | 31.0 | 7.753  | < .001             |
|            |              | - B- | 3            |  | 2.8144          | 0.252 | 31.0 | 11.179 | < .001             |
|            |              | - B- | 4            |  | 3.3824          | 0.298 | 31.0 | 11.358 | < .001             |
| B-         | 1            | - B- | 2            |  | 1.1347          | 0.187 | 31.0 | 6.083  | < .001             |
|            |              | - B- | 3            |  | 2.1244          | 0.265 | 31.0 | 8.025  | < .001             |
|            |              | - B- | 4            |  | 2.6923          | 0.310 | 31.0 | 8.690  | < .001             |
|            | 2            | - B- | 3            |  | 0.9897          | 0.188 | 31.0 | 5.263  | < .001             |
|            |              | - B- | 4            |  | 1.5577          | 0.259 | 31.0 | 6.019  | < .001             |
|            | 3            | - B- | 4            |  | 0.5679          | 0.182 | 31.0 | 3.129  | 0.065              |

## PC1: Repeated Measures ANOVA

Within Subjects Effects

|                    | Sum of Squares | df | Mean Square | F      | p      | $\eta^2_p$ |
|--------------------|----------------|----|-------------|--------|--------|------------|
| Cue                | 121.27         | 1  | 121.275     | 223.67 | < .001 | 0.878      |
| Residual           | 16.81          | 31 | 0.542       |        |        |            |
| SessionBlock       | 6.92           | 3  | 2.305       | 9.23   | < .001 | 0.229      |
| Residual           | 23.22          | 93 | 0.250       |        |        |            |
| Cue * SessionBlock | 30.09          | 3  | 10.029      | 79.46  | < .001 | 0.719      |
| Residual           | 11.74          | 93 | 0.126       |        |        |            |

Note. Type 3 Sums of Squares

Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F | p | $\eta^2_p$ |
|----------|----------------|----|-------------|---|---|------------|
| Residual | 0.168          | 31 | 0.00541     |   |   |            |

Note. Type 3 Sums of Squares

## Post Hoc Tests



## Post Hoc Comparisons - Cue \* SessionBlock

| Comparison |              |      |              |  | Mean Difference | SE     | df   | t       | Ptukey |
|------------|--------------|------|--------------|--|-----------------|--------|------|---------|--------|
| Cue        | SessionBlock | Cue  | SessionBlock |  |                 |        |      |         |        |
| A+         | 1            | - A+ | 2            |  | -0.5079         | 0.0906 | 31.0 | -5.6043 | < .001 |
|            |              | - A+ | 3            |  | -0.4687         | 0.1221 | 31.0 | -3.8384 | 0.012  |
|            |              | - A+ | 4            |  | -0.4974         | 0.1461 | 31.0 | -3.4046 | 0.034  |
|            |              | - B- | 1            |  | 0.2616          | 0.0832 | 31.0 | 3.1458  | 0.063  |
|            |              | - B- | 2            |  | 0.9013          | 0.1192 | 31.0 | 7.5639  | < .001 |
|            |              | - B- | 3            |  | 1.2900          | 0.1314 | 31.0 | 9.8136  | < .001 |
|            |              | - B- | 4            |  | 1.5794          | 0.1354 | 31.0 | 11.6671 | < .001 |
|            |              | - A+ | 3            |  | 0.0393          | 0.0947 | 31.0 | 0.4144  | 1.000  |
|            | 2            | - A+ | 4            |  | 0.0105          | 0.1198 | 31.0 | 0.0880  | 1.000  |
|            |              | - B- | 1            |  | 0.7695          | 0.0871 | 31.0 | 8.8332  | < .001 |
|            |              | - B- | 2            |  | 1.4092          | 0.0983 | 31.0 | 14.3289 | < .001 |
|            |              | - B- | 3            |  | 1.7979          | 0.1197 | 31.0 | 15.0146 | < .001 |
|            |              | - B- | 4            |  | 2.0873          | 0.1270 | 31.0 | 16.4342 | < .001 |
|            |              | - A+ | 4            |  | -0.0287         | 0.0644 | 31.0 | -0.4458 | 1.000  |
|            | 3            | - B- | 1            |  | 0.7303          | 0.1273 | 31.0 | 5.7364  | < .001 |
|            |              | - B- | 2            |  | 1.3700          | 0.1367 | 31.0 | 10.0200 | < .001 |
|            |              | - B- | 3            |  | 1.7586          | 0.1252 | 31.0 | 14.0494 | < .001 |
|            |              | - B- | 4            |  | 2.0481          | 0.1333 | 31.0 | 15.3662 | < .001 |
|            | 4            | - B- | 1            |  | 0.7590          | 0.1576 | 31.0 | 4.8156  | < .001 |
|            |              | - B- | 2            |  | 1.3987          | 0.1701 | 31.0 | 8.2250  | < .001 |
|            |              | - B- | 3            |  | 1.7873          | 0.1571 | 31.0 | 11.3771 | < .001 |
|            |              | - B- | 4            |  | 2.0768          | 0.1590 | 31.0 | 13.0583 | < .001 |
| B-         | 1            | - B- | 2            |  | 0.6397          | 0.0847 | 31.0 | 7.5516  | < .001 |
|            |              | - B- | 3            |  | 1.0283          | 0.1176 | 31.0 | 8.7462  | < .001 |
|            |              | - B- | 4            |  | 1.3178          | 0.1397 | 31.0 | 9.4360  | < .001 |
|            | 2            | - B- | 3            |  | 0.3887          | 0.0882 | 31.0 | 4.4078  | 0.003  |
|            |              | - B- | 4            |  | 0.6781          | 0.1182 | 31.0 | 5.7356  | < .001 |
|            | 3            | - B- | 4            |  | 0.2895          | 0.0823 | 31.0 | 3.5187  | 0.026  |

# **STUDY 3**

## Number of entries: Repeated Measures ANOVA

### Within Subjects Effects

|                            | Sum of Squares | df  | Mean Square | F      | p      | $\eta^2_p$ |
|----------------------------|----------------|-----|-------------|--------|--------|------------|
| Cue                        | 395.6          | 2   | 197.80      | 13.598 | < .001 | 0.493      |
| Cue * Group                | 15.8           | 2   | 7.92        | 0.544  | 0.586  | 0.037      |
| Residual                   | 407.3          | 28  | 14.55       |        |        |            |
| SessionBlock               | 31.9           | 7   | 4.55        | 1.778  | 0.100  | 0.113      |
| SessionBlock * Group       | 15.0           | 7   | 2.15        | 0.840  | 0.557  | 0.057      |
| Residual                   | 250.8          | 98  | 2.56        |        |        |            |
| Cue * SessionBlock         | 45.7           | 14  | 3.27        | 3.022  | < .001 | 0.178      |
| Cue * SessionBlock * Group | 20.0           | 14  | 1.43        | 1.321  | 0.197  | 0.086      |
| Residual                   | 211.7          | 196 | 1.08        |        |        |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F    | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|------|-------|------------|
| Group    | 56.3           | 1  | 56.3        | 1.02 | 0.329 | 0.068      |
| Residual | 771.1          | 14 | 55.1        |      |       |            |

Note. Type 3 Sums of Squares

## Iteration group 1: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8A- | Student's t | 2.10      | 7.00 | 0.037 | Cohen's d   | 0.742 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8B- | Student's t | 2.13      | 7.00 | 0.035 | Cohen's d   | 0.755 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Iteration group 2: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8A- | Student's t | 2.51      | 7.00 | 0.020 | Cohen's d   | 0.886 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8B- | Student's t | 2.54      | 7.00 | 0.019 | Cohen's d   | 0.899 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

Percent time: Repeated Measures ANOVA

Within Subjects Effects

|                            | Sum of Squares | df  | Mean Square | F      | p      | $\eta^2_p$ |
|----------------------------|----------------|-----|-------------|--------|--------|------------|
| Cue                        | 12584          | 2   | 6292.1      | 10.973 | < .001 | 0.439      |
| Cue * Group                | 8697           | 2   | 4348.6      | 7.584  | 0.002  | 0.351      |
| Residual                   | 16056          | 28  | 573.4       |        |        |            |
| SessionBlock               | 1220           | 7   | 174.3       | 1.262  | 0.277  | 0.083      |
| SessionBlock * Group       | 818            | 7   | 116.8       | 0.845  | 0.553  | 0.057      |
| Residual                   | 13542          | 98  | 138.2       |        |        |            |
| Cue * SessionBlock         | 1444           | 14  | 103.2       | 2.626  | 0.002  | 0.158      |
| Cue * SessionBlock * Group | 407            | 14  | 29.1        | 0.740  | 0.732  | 0.050      |
| Residual                   | 7699           | 196 | 39.3        |        |        |            |

Note. Type 3 Sums of Squares

Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F    | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|------|-------|------------|
| Group    | 11790          | 1  | 11790       | 1.32 | 0.269 | 0.086      |
| Residual | 124803         | 14 | 8915        |      |       |            |

Note. Type 3 Sums of Squares

## Iteration group 1: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8A- | Student's t | 3.57      | 7.00 | 0.005 | Cohen's d   | 1.26 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8B- | Student's t | 3.10      | 7.00 | 0.009 | Cohen's d   | 1.10 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Iteration group 2: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8A- | Student's t | 0.601     | 7.00 | 0.283 | Cohen's d   | 0.213 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |         |
|------|-----|-------------|-----------|------|-------|-------------|---------|
| 8AB+ | 8B- | Student's t | -0.0536   | 7.00 | 0.521 | Cohen's d   | -0.0190 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).



# Latency: Repeated Measures ANOVA

## Within Subjects Effects

|                            | Sum of Squares | df  | Mean Square | F     | p      | $\eta^2_p$ |
|----------------------------|----------------|-----|-------------|-------|--------|------------|
| Cue                        | 18.70          | 2   | 9.352       | 7.804 | 0.002  | 0.358      |
| Cue * Group                | 1.35           | 2   | 0.674       | 0.563 | 0.576  | 0.039      |
| Residual                   | 33.56          | 28  | 1.198       |       |        |            |
| SessionBlock               | 7.69           | 7   | 1.099       | 1.278 | 0.269  | 0.084      |
| SessionBlock * Group       | 8.56           | 7   | 1.223       | 1.422 | 0.205  | 0.092      |
| Residual                   | 84.28          | 98  | 0.860       |       |        |            |
| Cue * SessionBlock         | 6.64           | 14  | 0.475       | 3.221 | < .001 | 0.187      |
| Cue * SessionBlock * Group | 2.80           | 14  | 0.200       | 1.359 | 0.176  | 0.089      |
| Residual                   | 28.87          | 196 | 0.147       |       |        |            |

Note. Type 3 Sums of Squares

## Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F    | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|------|-------|------------|
| Group    | 101            | 1  | 100.9       | 3.69 | 0.075 | 0.209      |
| Residual | 383            | 14 | 27.3        |      |       |            |

Note. Type 3 Sums of Squares

## Iteration group 1: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8A- | Student's t | 2.83      | 7.00 | 0.013 | Cohen's d   | 1.00 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8B- | Student's t | 2.03      | 7.00 | 0.041 | Cohen's d   | 0.718 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Iteration group 2: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8A- | Student's t | 3.68      | 7.00 | 0.004 | Cohen's d   | 1.30 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8B- | Student's t | 2.78      | 7.00 | 0.014 | Cohen's d   | 0.982 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## PC1: Repeated Measures ANOVA

### Within Subjects Effects

|                            | Sum of Squares | df  | Mean Square | F      | p      | $\eta^2_p$ |
|----------------------------|----------------|-----|-------------|--------|--------|------------|
| Cue                        | 35.31          | 2   | 17.6536     | 14.459 | < .001 | 0.508      |
| Cue * Group                | 8.49           | 2   | 4.2452      | 3.477  | 0.045  | 0.199      |
| Residual                   | 34.19          | 28  | 1.2209      |        |        |            |
| SessionBlock               | 1.99           | 7   | 0.2841      | 0.707  | 0.666  | 0.048      |
| SessionBlock * Group       | 1.71           | 7   | 0.2448      | 0.609  | 0.747  | 0.042      |
| Residual                   | 39.40          | 98  | 0.4021      |        |        |            |
| Cue * SessionBlock         | 4.96           | 14  | 0.3545      | 4.341  | < .001 | 0.237      |
| Cue * SessionBlock * Group | 2.11           | 14  | 0.1505      | 1.843  | 0.035  | 0.116      |
| Residual                   | 16.01          | 196 | 0.0817      |        |        |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F    | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|------|-------|------------|
| Group    | 1.18e-5        | 1  | 1.18e-5     | 1.37 | 0.261 | 0.089      |
| Residual | 1.21e-4        | 14 | 8.64e-6     |      |       |            |

Note. Type 3 Sums of Squares

## Iteration group 1: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8A- | Student's t | 4.16      | 7.00 | 0.002 | Cohen's d   | 1.47 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |      |
|------|-----|-------------|-----------|------|-------|-------------|------|
| 8AB+ | 8B- | Student's t | 2.96      | 7.00 | 0.011 | Cohen's d   | 1.05 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Iteration group 2: Results

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8A- | Student's t | 2.32      | 7.00 | 0.027 | Cohen's d   | 0.819 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|      |     |             | statistic | df   | p     | Effect Size |       |
|------|-----|-------------|-----------|------|-------|-------------|-------|
| 8AB+ | 8B- | Student's t | 2.36      | 7.00 | 0.025 | Cohen's d   | 0.836 |

Note.  $H_a \mu \text{ Measure 1} - \text{Measure 2} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

# **STUDY 4**

## Number of entries: Repeated Measures ANOVA

### Within Subjects Effects

|                       | Sum of Squares | df  | Mean Square | F     | p     | $\eta^2_p$ |
|-----------------------|----------------|-----|-------------|-------|-------|------------|
| Cue                   | 143.8          | 2   | 71.908      | 1.577 | 0.222 | 0.090      |
| Cue * Group           | 137.3          | 2   | 68.633      | 1.506 | 0.237 | 0.086      |
| Residual              | 1458.7         | 32  | 45.585      |       |       |            |
| Session               | 33.8           | 17  | 1.987       | 0.636 | 0.862 | 0.038      |
| Session * Group       | 50.8           | 17  | 2.989       | 0.957 | 0.507 | 0.056      |
| Residual              | 849.2          | 272 | 3.122       |       |       |            |
| Cue * Session         | 42.5           | 34  | 1.249       | 1.337 | 0.100 | 0.077      |
| Cue * Session * Group | 43.4           | 34  | 1.276       | 1.366 | 0.084 | 0.079      |
| Residual              | 508.1          | 544 | 0.934       |       |       |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F      | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|--------|-------|------------|
| Group    | 6.43           | 1  | 6.43        | 0.0268 | 0.872 | 0.002      |
| Residual | 3833.07        | 16 | 239.57      |        |       |            |

Note. Type 3 Sums of Squares



## Lesions: Results

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | A- | Student's t | 2.50      | 8.00 | 0.018 | Cohen's d   | 0.834 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | B- | Student's t | 1.68      | 8.00 | 0.066 | Cohen's d   | 0.561 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

# Shams: Results

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | A- | Student's t | 0.669     | 8.00 | 0.261 | Cohen's d   | 0.223 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |        |
|-----|----|-------------|-----------|------|-------|-------------|--------|
| AB+ | B- | Student's t | -0.646    | 8.00 | 0.732 | Cohen's d   | -0.215 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Percent time: Repeated Measures ANOVA

### Within Subjects Effects

|                       | Sum of Squares | df  | Mean Square | F      | p      | $\eta^2_p$ |
|-----------------------|----------------|-----|-------------|--------|--------|------------|
| Cue                   | 48875          | 2   | 24437.7     | 22.375 | < .001 | 0.583      |
| Cue * Group           | 43780          | 2   | 21889.8     | 20.042 | < .001 | 0.556      |
| Residual              | 34950          | 32  | 1092.2      |        |        |            |
| Session               | 2967           | 17  | 174.6       | 1.897  | 0.018  | 0.106      |
| Session * Group       | 1745           | 17  | 102.6       | 1.116  | 0.338  | 0.065      |
| Residual              | 25022          | 272 | 92.0        |        |        |            |
| Cue * Session         | 2213           | 34  | 65.1        | 1.420  | 0.061  | 0.082      |
| Cue * Session * Group | 1173           | 34  | 34.5        | 0.753  | 0.844  | 0.045      |
| Residual              | 24932          | 544 | 45.8        |        |        |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F   | p      | $\eta^2_p$ |
|----------|----------------|----|-------------|-----|--------|------------|
| Group    | 583141         | 1  | 583141      | 109 | < .001 | 0.872      |
| Residual | 85338          | 16 | 5334        |     |        |            |

Note. Type 3 Sums of Squares

## Lesions: Results

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |        |
|-----|----|-------------|-----------|------|-------|-------------|--------|
| AB+ | A- | Student's t | 0.244     | 8.00 | 0.407 | Cohen's d   | 0.0814 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |        |
|-----|----|-------------|-----------|------|-------|-------------|--------|
| AB+ | B- | Student's t | 0.0883    | 8.00 | 0.466 | Cohen's d   | 0.0294 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

# Shams: Results

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p      | Effect Size |      |
|-----|----|-------------|-----------|------|--------|-------------|------|
| AB+ | A- | Student's t | 7.93      | 8.00 | < .001 | Cohen's d   | 2.64 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |      |
|-----|----|-------------|-----------|------|-------|-------------|------|
| AB+ | B- | Student's t | 3.21      | 8.00 | 0.006 | Cohen's d   | 1.07 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

## Latency: Repeated Measures ANOVA

### Within Subjects Effects

|                       | Sum of Squares | df  | Mean Square | F     | p     | $\eta^2_p$ |
|-----------------------|----------------|-----|-------------|-------|-------|------------|
| Cue                   | 90.1           | 2   | 45.029      | 5.326 | 0.010 | 0.250      |
| Cue * Group           | 27.2           | 2   | 13.615      | 1.610 | 0.216 | 0.091      |
| Residual              | 270.6          | 32  | 8.455       |       |       |            |
| Session               | 20.1           | 17  | 1.182       | 0.509 | 0.948 | 0.031      |
| Session * Group       | 11.9           | 17  | 0.698       | 0.301 | 0.997 | 0.018      |
| Residual              | 631.0          | 272 | 2.320       |       |       |            |
| Cue * Session         | 14.2           | 34  | 0.417       | 0.909 | 0.619 | 0.054      |
| Cue * Session * Group | 12.1           | 34  | 0.357       | 0.778 | 0.814 | 0.046      |
| Residual              | 249.6          | 544 | 0.459       |       |       |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F    | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|------|-------|------------|
| Group    | 1091           | 1  | 1091        | 7.13 | 0.017 | 0.308      |
| Residual | 2448           | 16 | 153         |      |       |            |

Note. Type 3 Sums of Squares

## Lesions: Results

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |         |
|-----|----|-------------|-----------|------|-------|-------------|---------|
| AB+ | A- | Student's t | -0.0690   | 8.00 | 0.527 | Cohen's d   | -0.0230 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |        |
|-----|----|-------------|-----------|------|-------|-------------|--------|
| AB+ | B- | Student's t | -0.512    | 8.00 | 0.689 | Cohen's d   | -0.171 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

# Shams: Results

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | A- | Student's t | 2.76      | 8.00 | 0.012 | Cohen's d   | 0.920 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | B- | Student's t | 2.22      | 8.00 | 0.029 | Cohen's d   | 0.739 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).



## PC1: Repeated Measures ANOVA

### Within Subjects Effects

|                       | Sum of Squares | df  | Mean Square | F      | p      | $\eta^2_p$ |
|-----------------------|----------------|-----|-------------|--------|--------|------------|
| Cue                   | 124.84         | 2   | 62.420      | 14.113 | < .001 | 0.469      |
| Cue * Group           | 51.24          | 2   | 25.622      | 5.793  | 0.007  | 0.266      |
| Residual              | 141.54         | 32  | 4.423       |        |        |            |
| Session               | 7.95           | 17  | 0.467       | 0.864  | 0.617  | 0.051      |
| Session * Group       | 2.56           | 17  | 0.150       | 0.278  | 0.998  | 0.017      |
| Residual              | 147.14         | 272 | 0.541       |        |        |            |
| Cue * Session         | 8.89           | 34  | 0.261       | 1.598  | 0.019  | 0.091      |
| Cue * Session * Group | 4.26           | 34  | 0.125       | 0.766  | 0.829  | 0.046      |
| Residual              | 89.00          | 544 | 0.164       |        |        |            |

Note. Type 3 Sums of Squares

### Between Subjects Effects

|          | Sum of Squares | df | Mean Square | F     | p     | $\eta^2_p$ |
|----------|----------------|----|-------------|-------|-------|------------|
| Group    | 2.62e-4        | 1  | 2.62e-4     | 0.885 | 0.361 | 0.052      |
| Residual | 0.00474        | 16 | 2.96e-4     |       |       |            |

Note. Type 3 Sums of Squares

## Lesions: Results

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | A- | Student's t | 0.986     | 8.00 | 0.177 | Cohen's d   | 0.329 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

### Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |       |
|-----|----|-------------|-----------|------|-------|-------------|-------|
| AB+ | B- | Student's t | 0.800     | 8.00 | 0.223 | Cohen's d   | 0.267 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).

# Shams: Results

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p      | Effect Size |      |
|-----|----|-------------|-----------|------|--------|-------------|------|
| AB+ | A- | Student's t | 12.5      | 8.00 | < .001 | Cohen's d   | 4.17 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## Paired Samples T-Test

Paired Samples T-Test

|     |    |             | statistic | df   | p     | Effect Size |      |
|-----|----|-------------|-----------|------|-------|-------------|------|
| AB+ | B- | Student's t | 3.28      | 8.00 | 0.006 | Cohen's d   | 1.09 |

Note.  $H_a \mu_{\text{Measure 1}} - \mu_{\text{Measure 2}} > 0$

## References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).