|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Experiment 1**  **Mauchly's Test of Sphericitya** | | | | | | | |
| Measure: MEASURE\_1 | | | | | | | |
| Within Subjects Effect | Mauchly's W | Approx. Chi-Square | df | Sig. | Epsilonb | | |
| Greenhouse-Geisser | Huynh-Feldt | Lower-bound |
| Direction | .849 | 13.549 | 5 | .019 | .894 | .948 | .333 |
| Bin | .076 | 207.771 | 54 | <.001 | .637 | .711 | .100 |
| Direction \* Bin | .002 | 455.774 | 464 | .653 | .726 | 1.000 | .033 |
| Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix. | | | | | | | |
| a. Design: Intercept + Encoding  Within Subjects Design: Direction + Bin + Direction \* Bin | | | | | | | |
| b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table. | | | | | | | |

**Experiment 2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Mauchly's Test of Sphericitya** | | | | | | | |
| Measure: MEASURE\_1 | | | | | | | |
| Within Subjects Effect | Mauchly's W | Approx. Chi-Square | df | Sig. | Epsilonb | | |
| Greenhouse-Geisser | Huynh-Feldt | Lower-bound |
| Direction | .838 | 17.072 | 5 | .004 | .887 | .933 | .333 |
| Bin | .042 | 298.891 | 54 | <.001 | .548 | .596 | .100 |
| Direction \* Bin | .001 | 610.309 | 464 | <.001 | .703 | .923 | .033 |
| Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix. | | | | | | | |
| a. Design: Intercept + Group  Within Subjects Design: Direction + Bin + Direction \* Bin | | | | | | | |
| b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table. | | | | | | | |

**Cross-Experimental**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Mauchly's Test of Sphericitya** | | | | | | | |
| Measure: MEASURE\_1 | | | | | | | |
| Within Subjects Effect | Mauchly's W | Approx. Chi-Square | df | Sig. | Epsilonb | | |
| Greenhouse-Geisser | Huynh-Feldt | Lower-bound |
| Direction | .849 | 13.549 | 5 | .019 | .894 | .948 | .333 |
| Bin | .076 | 207.771 | 54 | <.001 | .637 | .711 | .100 |
| Direction \* Bin | .002 | 455.774 | 464 | .653 | .726 | 1.000 | .033 |
| Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix. | | | | | | | |
| a. Design: Intercept + Encoding + Experiment + Encoding \* Experiment  Within Subjects Design: Direction + Bin + Direction \* Bin | | | | | | | |
| b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table. | | | | | | | |