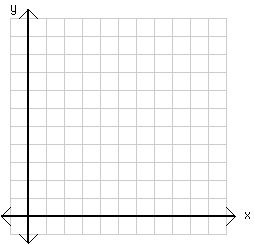
**1-way Independent ANOVA**

n = \_\_\_\_\_

K = \_\_\_\_\_

nT = \_\_\_\_\_



Means Plot

**dfTOTAL**

( nT – 1 )

**dfBet-group**

( k – 1 )

**dfWith-group**

( nT – k )

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | SS | df | MS | F | p |
| Between-Groups |  |  |  |  |  |
| Within-Groups (**Residual**) |  |  |  |  |  |
| Total |  |  |  | *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_* | |

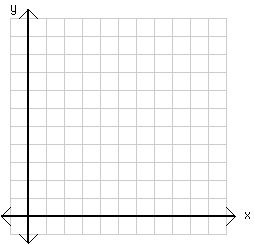
**2-way Independent ANOVA**

n = \_\_\_\_\_

c = \_\_\_\_\_

r = \_\_\_\_\_

nT = \_\_\_\_\_



Means Plot

**dfTOTAL**

( nT – 1 )

**dfBet-Cell**

( rc – 1 )

**dfWith-Cell**

( nT – rc )

**dfRow**

( r – 1 )

**dfCol**

( c - 1 )

**dfRow x Col**

( r - 1)\*( c - 1 )

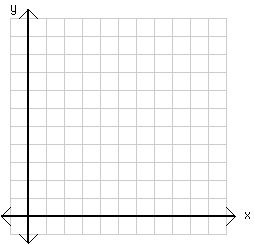
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | SS | Df | MS | F | p |
| Between-Cells |  |  |  |  |  |
| Row Groups |  |  |  |  |  |
| Column Groups |  |  |  |  |  |
| INTER (Row x Col) |  |  |  |  |  |
| Within-Cells (**Residual**) |  |  |  | *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_*  *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_* | |
| Total |  |  |  |

**1-way Repeated Measures ANOVA**

n = \_\_\_\_\_

c = \_\_\_\_\_

nT = \_\_\_\_\_



Profile Plot

**dfTOTAL**

( nT – 1 )

**dfBet-Sub**

( n – 1 )

**dfWith-Sub**

n( c – 1 )

**DfRM**

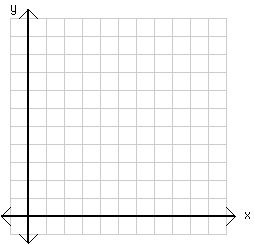
( c – 1 )

**DfSubxRM**

( n - 1)( c – 1 )

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | SS | df | MS | F | p |
| Between-Subjects |  |  |  |  |  |
| Within-Subjects |  |  |  |  |  |
| RM |  |  |  |  |  |
| **Residual**: INTER(RM x Sub) |  |  |  | *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_* | |
| Total |  |  |  |

**2-way Mixed Design ANOVA**



Profile Plot

n = \_\_\_\_\_

k = \_\_\_\_\_

c = \_\_\_\_\_

nT = \_\_\_\_\_

**dfTOTAL**

( nT – 1 )

**dfBet-Sub**

( nk – 1 )

**dfWith-Sub**

nk( c – 1 )

**dfGroup**

( k – 1 )

**dfWith-group**

k( n - 1 )

**dfRM**

( c – 1 )

**dfSub x RM**

k( c - 1 )( n - 1)

**dfGroup x RM**

( k - 1)\*( c - 1 )

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | SS | df | MS | F | p |
| Between-Subjects |  |  |  |  |  |
| Groups |  |  |  |  |  |
| **Residual**: Within-Groups |  |  |  |  |  |
| Within-Subjects |  |  |  |  |  |
| RM |  |  |  |  |  |
| INTER: Group x RM |  |  |  |  |  |
| **Residual**: INTER(Sub x RM) |  |  |  | *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_*  *Fcrit(\_\_\_, \_\_\_) = \_\_\_\_\_\_* | |
| Total |  |  |  |