# Cross + officer = <3

## Premier exemple : iris

| **label** | **variable** | **Species** | | | **p** |
| --- | --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** |
| Sepal.Length | Min / Max | 4.3 / 5.8 | 4.9 / 7 | 4.9 / 7.9 | <0.0001 |
| Med [IQR] | 5 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.23;6.9] |
| Moy (std) | 5.01 (0.35) | 5.94 (0.52) | 6.59 (0.64) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |
| Petal.Length | Min / Max | 1 / 1.9 | 3 / 5.1 | 4.5 / 6.9 | <0.0001 |
| Med [IQR] | 1.5 [1.4;1.58] | 4.35 [4;4.6] | 5.55 [5.1;5.88] |
| Moy (std) | 1.46 (0.17) | 4.26 (0.47) | 5.55 (0.55) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |

## Deuxième exemple : mtcars

| **label** | **variable** | **factor(am)** | | **effect** | **p** |
| --- | --- | --- | --- | --- | --- |
| **automatic** | **manual** |
| Miles/(US) gallon | Min / Max | 10.4 / 24.4 | 15 / 33.9 | Difference in means (t-test CI) (automatic minus manual): -7.24 CI95%[-10.85 to -3.64] | 0.0003 |
| Med [IQR] | 17.3 [14.95;19.2] | 22.8 [21;30.4] |
| Moy (std) | 17.15 (3.83) | 24.39 (6.17) |
| N (NA) | 19 (0) | 13 (0) |
| 1/4 mile time in seconds | Min / Max | 15.41 / 22.9 | 14.5 / 19.9 | Difference in means (t-test CI) (automatic minus manual): 0.82 CI95%[-0.48 to 2.12] | 0.2057 |
| Med [IQR] | 17.82 [17.18;19.17] | 17.02 [16.46;18.61] |
| Moy (std) | 18.18 (1.75) | 17.36 (1.79) |
| N (NA) | 19 (0) | 13 (0) |