test\_word

descr(iris)

| Variables | Total | p |
| --- | --- | --- |
|  | (N=150) |  |
| **Sepal.Length** |  |  |
| N | 150 | <0.001tt1 |
| mean | 5.8 |  |
| sd | 0.83 |  |
| median | 5.8 |  |
| Q1 - Q3 | 5.1 -- 6.4 |  |
| min - max | 4.3 -- 7.9 |  |
| **Sepal.Width** |  |  |
| N | 150 | <0.001tt1 |
| mean | 3.1 |  |
| sd | 0.44 |  |
| median | 3 |  |
| Q1 - Q3 | 2.8 -- 3.3 |  |
| min - max | 2 -- 4.4 |  |
| **Petal.Length** |  |  |
| N | 150 | <0.001tt1 |
| mean | 3.8 |  |
| sd | 1.8 |  |
| median | 4.3 |  |
| Q1 - Q3 | 1.6 -- 5.1 |  |
| min - max | 1 -- 6.9 |  |
| **Petal.Width** |  |  |
| N | 150 | <0.001tt1 |
| mean | 1.2 |  |
| sd | 0.76 |  |
| median | 1.3 |  |
| Q1 - Q3 | 0.3 -- 1.8 |  |
| min - max | 0.1 -- 2.5 |  |
| **Species** |  |  |
| setosa | 50 (33%) | >0.999chi1 |
| versicolor | 50 (33%) |  |
| virginica | 50 (33%) |  |
| tt1Student's one-sample t-test | | |
| chi1Chi-squared goodness-of-fit test | | |

descr(  
 iris,  
 "Species",  
 group\_labels = list(setosa = "My custom group label"),  
 var\_options = list(Sepal.Length = list(label = "My custom variable label"))  
)

| Variables | My custom group label | versicolor | virginica | Total | p |
| --- | --- | --- | --- | --- | --- |
|  | (N=50) | (N=50) | (N=50) | (N=150) |  |
| My custom variable label |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 5 | 5.9 | 6.6 | 5.8 |  |
| sd | 0.35 | 0.52 | 0.64 | 0.83 |  |
| median | 5 | 5.9 | 6.5 | 5.8 |  |
| Q1 - Q3 | 4.8 -- 5.2 | 5.6 -- 6.3 | 6.2 -- 6.9 | 5.1 -- 6.4 |  |
| min - max | 4.3 -- 5.8 | 4.9 -- 7 | 4.9 -- 7.9 | 4.3 -- 7.9 |  |
| **Sepal.Width** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 3.4 | 2.8 | 3 | 3.1 |  |
| sd | 0.38 | 0.31 | 0.32 | 0.44 |  |
| median | 3.4 | 2.8 | 3 | 3 |  |
| Q1 - Q3 | 3.2 -- 3.7 | 2.5 -- 3 | 2.8 -- 3.2 | 2.8 -- 3.3 |  |
| min - max | 2.3 -- 4.4 | 2 -- 3.4 | 2.2 -- 3.8 | 2 -- 4.4 |  |
| **Petal.Length** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 1.5 | 4.3 | 5.6 | 3.8 |  |
| sd | 0.17 | 0.47 | 0.55 | 1.8 |  |
| median | 1.5 | 4.3 | 5.5 | 4.3 |  |
| Q1 - Q3 | 1.4 -- 1.6 | 4 -- 4.6 | 5.1 -- 5.9 | 1.6 -- 5.1 |  |
| min - max | 1 -- 1.9 | 3 -- 5.1 | 4.5 -- 6.9 | 1 -- 6.9 |  |
| **Petal.Width** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 0.25 | 1.3 | 2 | 1.2 |  |
| sd | 0.11 | 0.2 | 0.27 | 0.76 |  |
| median | 0.2 | 1.3 | 2 | 1.3 |  |
| Q1 - Q3 | 0.2 -- 0.3 | 1.2 -- 1.5 | 1.8 -- 2.3 | 0.3 -- 1.8 |  |
| min - max | 0.1 -- 0.6 | 1 -- 1.8 | 1.4 -- 2.5 | 0.1 -- 2.5 |  |
| FF-test (ANOVA) | | | | | |

descr(  
 iris,  
 "Species",  
 group\_labels = list(setosa = "My custom group label"),  
 var\_options = list(Sepal.Length = list(label = "My custom variable label")),  
 format\_options=list(caption="Test Caption")  
)

**Table** : Test Caption

| Variables | My custom group label | versicolor | virginica | Total | p |
| --- | --- | --- | --- | --- | --- |
|  | (N=50) | (N=50) | (N=50) | (N=150) |  |
| My custom variable label |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 5 | 5.9 | 6.6 | 5.8 |  |
| sd | 0.35 | 0.52 | 0.64 | 0.83 |  |
| median | 5 | 5.9 | 6.5 | 5.8 |  |
| Q1 - Q3 | 4.8 -- 5.2 | 5.6 -- 6.3 | 6.2 -- 6.9 | 5.1 -- 6.4 |  |
| min - max | 4.3 -- 5.8 | 4.9 -- 7 | 4.9 -- 7.9 | 4.3 -- 7.9 |  |
| **Sepal.Width** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 3.4 | 2.8 | 3 | 3.1 |  |
| sd | 0.38 | 0.31 | 0.32 | 0.44 |  |
| median | 3.4 | 2.8 | 3 | 3 |  |
| Q1 - Q3 | 3.2 -- 3.7 | 2.5 -- 3 | 2.8 -- 3.2 | 2.8 -- 3.3 |  |
| min - max | 2.3 -- 4.4 | 2 -- 3.4 | 2.2 -- 3.8 | 2 -- 4.4 |  |
| **Petal.Length** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 1.5 | 4.3 | 5.6 | 3.8 |  |
| sd | 0.17 | 0.47 | 0.55 | 1.8 |  |
| median | 1.5 | 4.3 | 5.5 | 4.3 |  |
| Q1 - Q3 | 1.4 -- 1.6 | 4 -- 4.6 | 5.1 -- 5.9 | 1.6 -- 5.1 |  |
| min - max | 1 -- 1.9 | 3 -- 5.1 | 4.5 -- 6.9 | 1 -- 6.9 |  |
| **Petal.Width** |  |  |  |  |  |
| N | 50 | 50 | 50 | 150 | <0.001F |
| mean | 0.25 | 1.3 | 2 | 1.2 |  |
| sd | 0.11 | 0.2 | 0.27 | 0.76 |  |
| median | 0.2 | 1.3 | 2 | 1.3 |  |
| Q1 - Q3 | 0.2 -- 0.3 | 1.2 -- 1.5 | 1.8 -- 2.3 | 0.3 -- 1.8 |  |
| min - max | 0.1 -- 0.6 | 1 -- 1.8 | 1.4 -- 2.5 | 0.1 -- 2.5 |  |
| FF-test (ANOVA) | | | | | |

Tooth2 <- ToothGrowth  
Tooth2$categorical <- factor(sample(c("a", "b"), nrow(Tooth2), TRUE))  
descr(Tooth2, "supp")

| Variables | OJ | VC | Total | p | CI |
| --- | --- | --- | --- | --- | --- |
|  | (N=30) | (N=30) | (N=60) |  |  |
| **len** |  |  |  |  |  |
| N | 30 | 30 | 60 | 0.061tt2 | [-0.17, 7.6]t |
| mean | 21 | 17 | 19 |  |  |
| sd | 6.6 | 8.3 | 7.6 |  |  |
| median | 23 | 16 | 19 |  |  |
| Q1 - Q3 | 15 -- 26 | 11 -- 23 | 13 -- 25 |  |  |
| min - max | 8.2 -- 31 | 4.2 -- 34 | 4.2 -- 34 |  |  |
| **dose** |  |  |  |  |  |
| N | 30 | 30 | 60 | >0.999tt2 | [-0.33, 0.33]t |
| mean | 1.2 | 1.2 | 1.2 |  |  |
| sd | 0.63 | 0.63 | 0.63 |  |  |
| median | 1 | 1 | 1 |  |  |
| Q1 - Q3 | 0.5 -- 2 | 0.5 -- 2 | 0.5 -- 2 |  |  |
| min - max | 0.5 -- 2 | 0.5 -- 2 | 0.5 -- 2 |  |  |
| **categorical** |  |  |  |  |  |
| a | 17 (57%) | 14 (47%) | 31 (52%) | 0.438chi2 | [-0.15, 0.35]PWa |
| b | 13 (43%) | 16 (53%) | 29 (48%) |  |  |
| tt2Welch's two-sample t-test | | | | | |
| chi2Pearson's chi-squared test | | | | | |
| tCI for difference in means derived from the t-distribution | | | | | |
| PWaCI for difference in proportions derived from a normal ("Wald") approximation | | | | | |