

Contents

```
descr(iris)
```

| Variables | Total (N=150) | p |
|---------------------|------------------|------------------------|
| Sepal.Length | | |
| N | 150 | <0.001 ^{tt1} |
| 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 | <0.001 ^{tt1} |
| mean | 3.1 | |
| sd | 0.44 | |
| median | 3 | |
| Q1 - Q3 | 2.8 – 3.3 | |
| min - max | 2 – 4.4 | |
| Petal.Length | | |
| N | 150 | <0.001 ^{tt1} |
| mean | 3.8 | |
| sd | 1.8 | |
| median | 4.3 | |
| Q1 - Q3 | 1.6 – 5.1 | |
| min - max | 1 – 6.9 | |
| Petal.Width | | |
| N | 150 | <0.001 ^{tt1} |
| 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%) | >0.999 ^{chi1} |
| versicolor | 50 (33%) | |
| virginica | 50 (33%) | |

^{tt1} Students one-sample t-test

^{chi1} Chi-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 (N=50) | versicolor (N=50) | virginica (N=50) | Total (N=150) | p |
|---------------------------------|---------------------------------|----------------------|---------------------|------------------|---------------------|
| My custom variable label | | | | | |
| N | 50 | 50 | 50 | 150 | <0.001 ^F |
| 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 | <0.001 ^F |
| 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 | <0.001 ^F |
| 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 | <0.001 ^F |
| 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 | |

^F F-test (ANOVA)

```
descr(iris) %>% capture.output(print(.)) %>% knitr::raw_latex()
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