# Dataset iris

## Not compacted

Automatic testing is bad and you should feel bad.

| **label** | **variable** | **Species** | | | **test** |
| --- | --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** |
| Sepal.Length | Min / Max | 4.3 / 5.8 | 4.9 / 7 | 4.9 / 7.9 | p value: <0.0001 |
| Med [IQR] | 5 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.23;6.9] |
| Mean (std) | 5.01 (0.35) | 5.94 (0.52) | 6.59 (0.64) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |
| Sepal.Width | Min / Max | 2.3 / 4.4 | 2 / 3.4 | 2.2 / 3.8 | p value: <0.0001 |
| Med [IQR] | 3.4 [3.2;3.68] | 2.8 [2.52;3] | 3 [2.8;3.18] |
| Mean (std) | 3.43 (0.38) | 2.77 (0.31) | 2.97 (0.32) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |
| Petal.Length | Min / Max | 1 / 1.9 | 3 / 5.1 | 4.5 / 6.9 | p value: <0.0001 |
| Med [IQR] | 1.5 [1.4;1.58] | 4.35 [4;4.6] | 5.55 [5.1;5.88] |
| Mean (std) | 1.46 (0.17) | 4.26 (0.47) | 5.55 (0.55) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |
| Petal.Width | Min / Max | 0.1 / 0.6 | 1 / 1.8 | 1.4 / 2.5 | p value: <0.0001 |
| Med [IQR] | 0.2 [0.2;0.3] | 1.3 [1.2;1.5] | 2 [1.8;2.3] |
| Mean (std) | 0.25 (0.11) | 1.33 (0.2) | 2.03 (0.27) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |

## Compacted

When compacting, you might want to remove the test names.

| **variable** | **Species** | | | **test** |
| --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** |
| **Sepal.Length** |  |  |  | **p value: <0.0001** |
| Min / Max | 4.3 / 5.8 | 4.9 / 7 | 4.9 / 7.9 |  |
| Med [IQR] | 5 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.23;6.9] |  |
| Mean (std) | 5.01 (0.35) | 5.94 (0.52) | 6.59 (0.64) |  |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |  |
| **Sepal.Width** |  |  |  | **p value: <0.0001** |
| Min / Max | 2.3 / 4.4 | 2 / 3.4 | 2.2 / 3.8 |  |
| Med [IQR] | 3.4 [3.2;3.68] | 2.8 [2.52;3] | 3 [2.8;3.18] |  |
| Mean (std) | 3.43 (0.38) | 2.77 (0.31) | 2.97 (0.32) |  |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |  |
| **Petal.Length** |  |  |  | **p value: <0.0001** |
| Min / Max | 1 / 1.9 | 3 / 5.1 | 4.5 / 6.9 |  |
| Med [IQR] | 1.5 [1.4;1.58] | 4.35 [4;4.6] | 5.55 [5.1;5.88] |  |
| Mean (std) | 1.46 (0.17) | 4.26 (0.47) | 5.55 (0.55) |  |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |  |
| **Petal.Width** |  |  |  | **p value: <0.0001** |
| Min / Max | 0.1 / 0.6 | 1 / 1.8 | 1.4 / 2.5 |  |
| Med [IQR] | 0.2 [0.2;0.3] | 1.3 [1.2;1.5] | 2 [1.8;2.3] |  |
| Mean (std) | 0.25 (0.11) | 1.33 (0.2) | 2.03 (0.27) |  |
| N (NA) | 50 (0) | 50 (0) | 50 (0) |  |

# Dataset mtcars2

This dataset has 22 rows and 4 columns.

Look, there are labels!

| **variable** | **Transmission** | | | **Total** | **effect** |
| --- | --- | --- | --- | --- | --- |
| **auto** | **manual** | **NA** |
| **Miles/(US) gallon** |  |  |  | **10.4 / 33.9** | **Difference in means (t-test CI) (auto minus manual): -7.24 CI95%[-10.85 to -3.64]** |
| Min / Max | 10.4 / 24.4 | 15 / 33.9 | no NA |  |  |
| Med [IQR] | 17.3 [14.95;19.2] | 22.8 [21;30.4] | no NA |  |  |
| Mean (std) | 17.15 (3.83) | 24.39 (6.17) | no NA |  |  |
| N (NA) | 19 (0) | 13 (0) | no NA |  |  |
| **Number of cylinders** |  |  |  | **11 (34.38%)** | **No effect?** |
| 4 | 3 (27.27%) | 8 (72.73%) | 0 |  |  |
| 6 | 4 (57.14%) | 3 (42.86%) | 0 |  |  |
| 8 | 12 (85.71%) | 2 (14.29%) | 0 |  |  |
| NA | 0 | 0 | 0 |  |  |
| Total | 19 (59.38%) | 13 (40.62%) | 0 |  |  |
| **Displacement (cu.in.)** |  |  |  | **71.1 / 472** | **Difference in means (bootstrap CI) (auto minus manual): 146.85 CI95%[79.87 to 213.82]** |
| Min / Max | 120.1 / 472 | 71.1 / 351 | no NA |  |  |
| Med [IQR] | 275.8 [196.3;360] | 120.3 [79;160] | no NA |  |  |
| Mean (std) | 290.38 (110.17) | 143.53 (87.2) | no NA |  |  |
| N (NA) | 19 (0) | 13 (0) | no NA |  |  |

# Dataset esoph

This one was compacted beforehand.

| **variable** | **value** |
| --- | --- |
| **agegp** |  |
| 25-34 | 15 (17.05%) |
| 35-44 | 15 (17.05%) |
| 45-54 | 16 (18.18%) |
| 55-64 | 16 (18.18%) |
| 65-74 | 15 (17.05%) |
| 75+ | 11 (12.5%) |
| **alcgp** |  |
| 0-39g/day | 23 (26.14%) |
| 40-79 | 23 (26.14%) |
| 80-119 | 21 (23.86%) |
| 120+ | 21 (23.86%) |
| **tobgp** |  |
| 0-9g/day | 24 (27.27%) |
| 10-19 | 24 (27.27%) |
| 20-29 | 20 (22.73%) |
| 30+ | 20 (22.73%) |
| **ncases** |  |
| Min / Max | 0 / 17 |
| Med [IQR] | 1 [0;4] |
| Mean (std) | 2.27 (2.75) |
| N (NA) | 88 (0) |
| **ncontrols** |  |
| Min / Max | 1 / 60 |
| Med [IQR] | 6 [3;14] |
| Mean (std) | 11.08 (12.72) |
| N (NA) | 88 (0) |