# Simple

This dataset has 22 rows and 4 columns.

## Not compacted

| **label** | **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 (12.50%) |
| 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 / 17.0 |
| Med [IQR] | 1.0 [0;4.0] |
| Mean (std) | 2.3 (2.8) |
| N (NA) | 88 (0) |
| ncontrols | Min / Max | 1.0 / 60.0 |
| Med [IQR] | 6.0 [3.0;14.0] |
| Mean (std) | 11.1 (12.7) |
| N (NA) | 88 (0) |

**Table :** Simple, not compacted

## Compacted in function

| **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 (12.50%) |
| **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 / 17.0 |
| Med [IQR] | 1.0 [0;4.0] |
| Mean (std) | 2.3 (2.8) |
| N (NA) | 88 (0) |
| **ncontrols** |  |
| Min / Max | 1.0 / 60.0 |
| Med [IQR] | 6.0 [3.0;14.0] |
| Mean (std) | 11.1 (12.7) |
| N (NA) | 88 (0) |

**Table :** Simple, compacted inside function

Look, there are labels!

## Compacted before function

| **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 (12.50%) |
| **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 / 17.0 |
| Med [IQR] | 1.0 [0;4.0] |
| Mean (std) | 2.3 (2.8) |
| N (NA) | 88 (0) |
| **ncontrols** |  |
| Min / Max | 1.0 / 60.0 |
| Med [IQR] | 6.0 [3.0;14.0] |
| Mean (std) | 11.1 (12.7) |
| N (NA) | 88 (0) |

**Table :** Simple, compacted before function

# Double\_effect

This dataset has 11 rows and 6 columns.

## Not compacted

| **label** | **variable** | **am** | | **effect** |
| --- | --- | --- | --- | --- |
| **0** | **1** |
| mpg | Min / Max | 10.4 / 24.4 | 15.0 / 33.9 | Difference in means (t-test CI) (0 minus 1): -7.24 CI95%[-10.85 to -3.64] |
| Med [IQR] | 17.3 [14.9;19.2] | 22.8 [21.0;30.4] |
| Mean (std) | 17.1 (3.8) | 24.4 (6.2) |
| N (NA) | 19 (0) | 13 (0) |
| cyl | 4 | 3 (27.27%) | 8 (72.73%) | No effect? |
| 6 | 4 (57.14%) | 3 (42.86%) |
| 8 | 12 (85.71%) | 2 (14.29%) |
| disp | Min / Max | 120.1 / 472.0 | 71.1 / 351.0 | Difference in means (bootstrap CI) (0 minus 1): 146.85 CI95%[80.21 to 213.49] |
| Med [IQR] | 275.8 [196.3;360.0] | 120.3 [79.0;160.0] |
| Mean (std) | 290.4 (110.2) | 143.5 (87.2) |
| N (NA) | 19 (0) | 13 (0) |

**Table :** Double\_effect, not compacted

## Compacted in function

| **variable** | **am** | | **effect** |
| --- | --- | --- | --- |
| **0** | **1** |
| **mpg** |  |  | **Difference in means (t-test CI) (0 minus 1): -7.24 CI95%[-10.85 to -3.64]** |
| Min / Max | 10.4 / 24.4 | 15.0 / 33.9 |  |
| Med [IQR] | 17.3 [14.9;19.2] | 22.8 [21.0;30.4] |  |
| Mean (std) | 17.1 (3.8) | 24.4 (6.2) |  |
| N (NA) | 19 (0) | 13 (0) |  |
| **cyl** |  |  | **No effect?** |
| 4 | 3 (27.27%) | 8 (72.73%) |  |
| 6 | 4 (57.14%) | 3 (42.86%) |  |
| 8 | 12 (85.71%) | 2 (14.29%) |  |
| **disp** |  |  | **Difference in means (bootstrap CI) (0 minus 1): 146.85 CI95%[80.21 to 213.49]** |
| Min / Max | 120.1 / 472.0 | 71.1 / 351.0 |  |
| Med [IQR] | 275.8 [196.3;360.0] | 120.3 [79.0;160.0] |  |
| Mean (std) | 290.4 (110.2) | 143.5 (87.2) |  |
| N (NA) | 19 (0) | 13 (0) |  |

**Table :** Double\_effect, compacted inside function

Look, there are labels!

## Compacted before function

| **variable** | **am** | | **effect** |
| --- | --- | --- | --- |
| **0** | **1** |
| **mpg** |  |  | **Difference in means (t-test CI) (0 minus 1): -7.24 CI95%[-10.85 to -3.64]** |
| Min / Max | 10.4 / 24.4 | 15.0 / 33.9 |  |
| Med [IQR] | 17.3 [14.9;19.2] | 22.8 [21.0;30.4] |  |
| Mean (std) | 17.1 (3.8) | 24.4 (6.2) |  |
| N (NA) | 19 (0) | 13 (0) |  |
| **cyl** |  |  | **No effect?** |
| 4 | 3 (27.27%) | 8 (72.73%) |  |
| 6 | 4 (57.14%) | 3 (42.86%) |  |
| 8 | 12 (85.71%) | 2 (14.29%) |  |
| **disp** |  |  | **Difference in means (bootstrap CI) (0 minus 1): 146.85 CI95%[80.21 to 213.49]** |
| Min / Max | 120.1 / 472.0 | 71.1 / 351.0 |  |
| Med [IQR] | 275.8 [196.3;360.0] | 120.3 [79.0;160.0] |  |
| Mean (std) | 290.4 (110.2) | 143.5 (87.2) |  |
| N (NA) | 19 (0) | 13 (0) |  |

**Table :** Double\_effect, compacted before function

# Triple

This dataset has 16 rows and 8 columns.

## Not compacted

| **label** | **variable** | **Species** | | | | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** | **NA** |
| Sepal.Length | Min / Max | 4.3 / 5.8 | 4.9 / 7.0 | 4.9 / 7.9 | no NA | 4.3 / 7.9 |
| Med [IQR] | 5.0 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.2;6.9] | no NA | 5.8 [5.1;6.4] |
| Mean (std) | 5.0 (0.4) | 5.9 (0.5) | 6.6 (0.6) | no NA | 5.8 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| Sepal.Width | Min / Max | 2.3 / 4.4 | 2.0 / 3.4 | 2.2 / 3.8 | no NA | 2.0 / 4.4 |
| Med [IQR] | 3.4 [3.2;3.7] | 2.8 [2.5;3.0] | 3.0 [2.8;3.2] | no NA | 3.0 [2.8;3.3] |
| Mean (std) | 3.4 (0.4) | 2.8 (0.3) | 3.0 (0.3) | no NA | 3.1 (0.4) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| Petal.Length | Min / Max | 1.0 / 1.9 | 3.0 / 5.1 | 4.5 / 6.9 | no NA | 1.0 / 6.9 |
| Med [IQR] | 1.5 [1.4;1.6] | 4.3 [4.0;4.6] | 5.5 [5.1;5.9] | no NA | 4.3 [1.6;5.1] |
| Mean (std) | 1.5 (0.2) | 4.3 (0.5) | 5.6 (0.6) | no NA | 3.8 (1.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| Petal.Width | Min / Max | 0.1 / 0.6 | 1.0 / 1.8 | 1.4 / 2.5 | no NA | 0.1 / 2.5 |
| Med [IQR] | 0.2 [0.2;0.3] | 1.3 [1.2;1.5] | 2.0 [1.8;2.3] | no NA | 1.3 [0.3;1.8] |
| Mean (std) | 0.2 (0.1) | 1.3 (0.2) | 2.0 (0.3) | no NA | 1.2 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |

**Table :** Triple, not compacted

## Compacted in function

| **variable** | **Species** | | | | **Total** |
| --- | --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** | **NA** |
| **Sepal.Length** |  |  |  |  |  |
| Min / Max | 4.3 / 5.8 | 4.9 / 7.0 | 4.9 / 7.9 | no NA | 4.3 / 7.9 |
| Med [IQR] | 5.0 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.2;6.9] | no NA | 5.8 [5.1;6.4] |
| Mean (std) | 5.0 (0.4) | 5.9 (0.5) | 6.6 (0.6) | no NA | 5.8 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Sepal.Width** |  |  |  |  |  |
| Min / Max | 2.3 / 4.4 | 2.0 / 3.4 | 2.2 / 3.8 | no NA | 2.0 / 4.4 |
| Med [IQR] | 3.4 [3.2;3.7] | 2.8 [2.5;3.0] | 3.0 [2.8;3.2] | no NA | 3.0 [2.8;3.3] |
| Mean (std) | 3.4 (0.4) | 2.8 (0.3) | 3.0 (0.3) | no NA | 3.1 (0.4) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Petal.Length** |  |  |  |  |  |
| Min / Max | 1.0 / 1.9 | 3.0 / 5.1 | 4.5 / 6.9 | no NA | 1.0 / 6.9 |
| Med [IQR] | 1.5 [1.4;1.6] | 4.3 [4.0;4.6] | 5.5 [5.1;5.9] | no NA | 4.3 [1.6;5.1] |
| Mean (std) | 1.5 (0.2) | 4.3 (0.5) | 5.6 (0.6) | no NA | 3.8 (1.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Petal.Width** |  |  |  |  |  |
| Min / Max | 0.1 / 0.6 | 1.0 / 1.8 | 1.4 / 2.5 | no NA | 0.1 / 2.5 |
| Med [IQR] | 0.2 [0.2;0.3] | 1.3 [1.2;1.5] | 2.0 [1.8;2.3] | no NA | 1.3 [0.3;1.8] |
| Mean (std) | 0.2 (0.1) | 1.3 (0.2) | 2.0 (0.3) | no NA | 1.2 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |

**Table :** Triple, compacted inside function

Look, there are labels!

## Compacted before function

| **variable** | **Species** | | | | **Total** |
| --- | --- | --- | --- | --- | --- |
| **setosa** | **versicolor** | **virginica** | **NA** |
| **Sepal.Length** |  |  |  |  |  |
| Min / Max | 4.3 / 5.8 | 4.9 / 7.0 | 4.9 / 7.9 | no NA | 4.3 / 7.9 |
| Med [IQR] | 5.0 [4.8;5.2] | 5.9 [5.6;6.3] | 6.5 [6.2;6.9] | no NA | 5.8 [5.1;6.4] |
| Mean (std) | 5.0 (0.4) | 5.9 (0.5) | 6.6 (0.6) | no NA | 5.8 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Sepal.Width** |  |  |  |  |  |
| Min / Max | 2.3 / 4.4 | 2.0 / 3.4 | 2.2 / 3.8 | no NA | 2.0 / 4.4 |
| Med [IQR] | 3.4 [3.2;3.7] | 2.8 [2.5;3.0] | 3.0 [2.8;3.2] | no NA | 3.0 [2.8;3.3] |
| Mean (std) | 3.4 (0.4) | 2.8 (0.3) | 3.0 (0.3) | no NA | 3.1 (0.4) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Petal.Length** |  |  |  |  |  |
| Min / Max | 1.0 / 1.9 | 3.0 / 5.1 | 4.5 / 6.9 | no NA | 1.0 / 6.9 |
| Med [IQR] | 1.5 [1.4;1.6] | 4.3 [4.0;4.6] | 5.5 [5.1;5.9] | no NA | 4.3 [1.6;5.1] |
| Mean (std) | 1.5 (0.2) | 4.3 (0.5) | 5.6 (0.6) | no NA | 3.8 (1.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |
| **Petal.Width** |  |  |  |  |  |
| Min / Max | 0.1 / 0.6 | 1.0 / 1.8 | 1.4 / 2.5 | no NA | 0.1 / 2.5 |
| Med [IQR] | 0.2 [0.2;0.3] | 1.3 [1.2;1.5] | 2.0 [1.8;2.3] | no NA | 1.3 [0.3;1.8] |
| Mean (std) | 0.2 (0.1) | 1.3 (0.2) | 2.0 (0.3) | no NA | 1.2 (0.8) |
| N (NA) | 50 (0) | 50 (0) | 50 (0) | no NA | 150 (0) |

**Table :** Triple, compacted before function