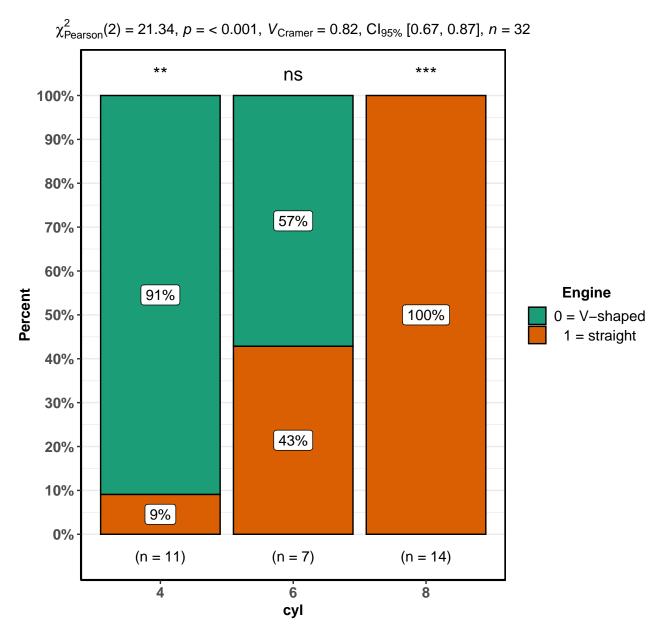
### **Dataset: Iris Flower dataset**



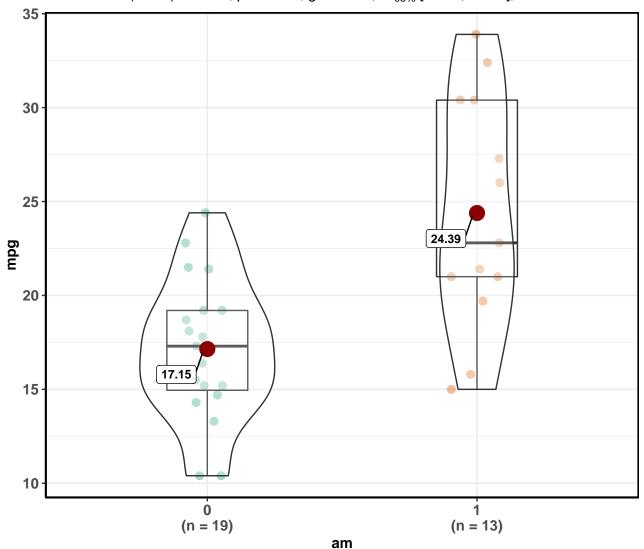
Note: Only two species of flower are displayed



In favor of null:  $log_e(BF_{01}) = -10.31$ , sampling = independent multinomial, a = 1.00

#### Fuel efficiency by type of car transmission

t(18.33) = -3.77, p = 0.001, g = -1.38,  $Cl_{95\%}$  [-2.17, -0.51], n = 32

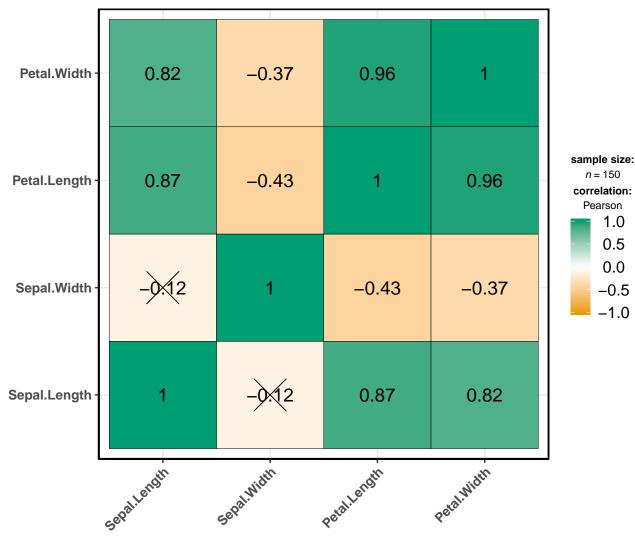


Transmission (0 = automatic, 1 = manual)

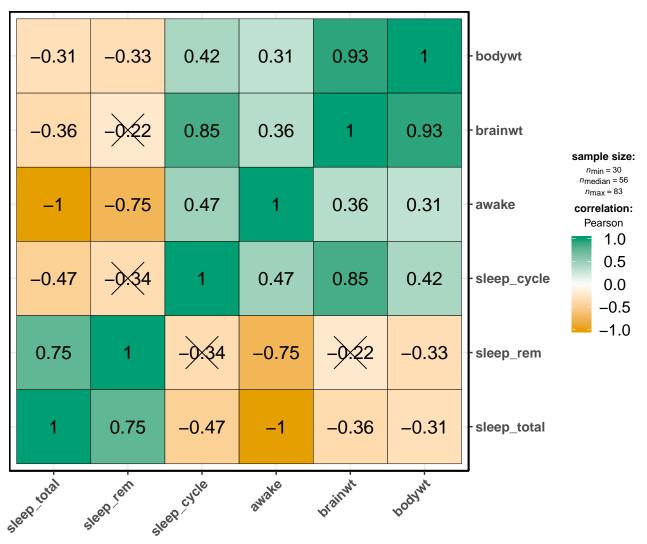
In favor of null:  $log_e(BF_{01}) = -4.46$ ,  $r_{Cauchy}^{JZS} = 0.71$ 



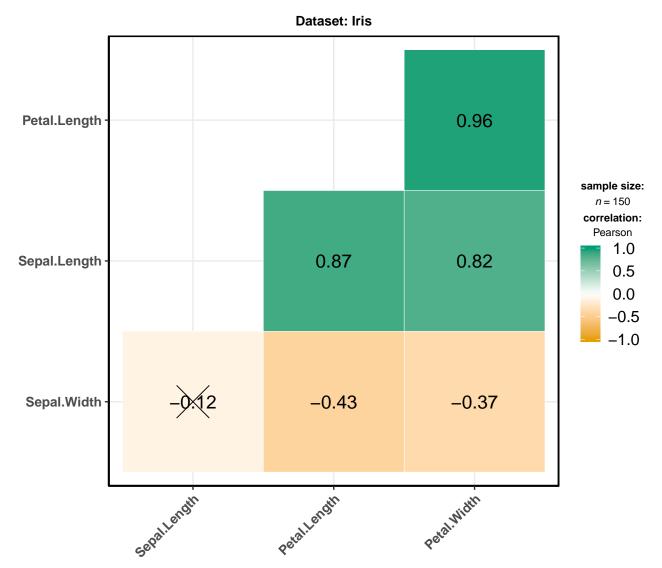
AIC = 166, BIC = 173, log-likelihood = -78



 $\mathbf{X}$  = correlation non–significant at p < 0.05 Adjustment (p–value): None



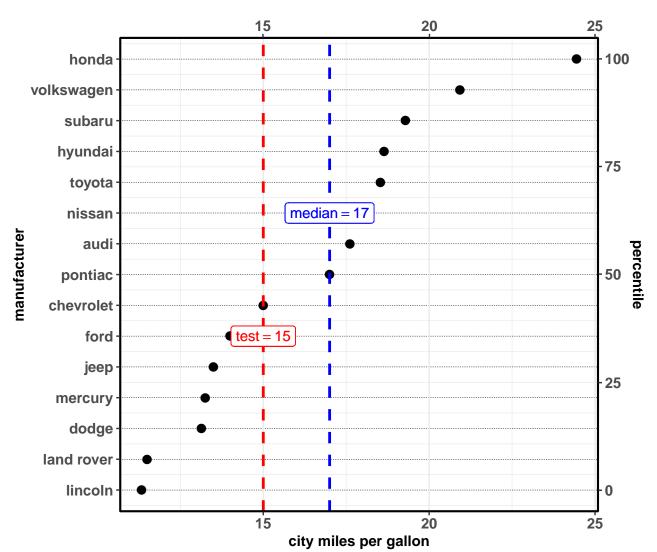
X = correlation non-significant at <math>p < 0.05Adjustment (p-value): None



 $\mathbf{X} = \text{correlation non-significant at } p < 0.01$  Adjustment (p-value): None

#### Fuel economy data

 $t(14) = 1.47, p = 0.163, g = 0.36, \text{Cl}_{99\%}$  [-0.33, 1.10], n = 15



Source: EPA dataset on http://fueleconomy.gov

In favor of null:  $log_e(BF_{01}) = 0.44$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

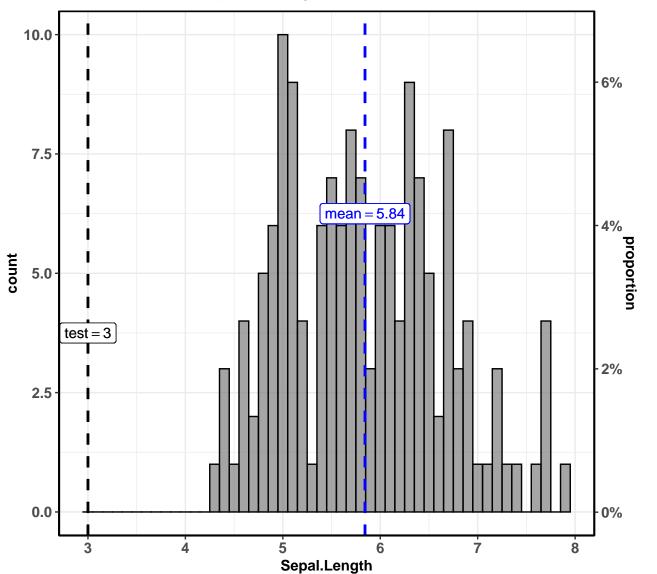
t(59) = 19.05, p = < 0.001, g = 2.43, Cl<sub>95%</sub> [1.96, 2.99], n = 6012.5 10.0 7.5 median = 19.25 count 5.0 2.5 0.0

20 Tooth length

10

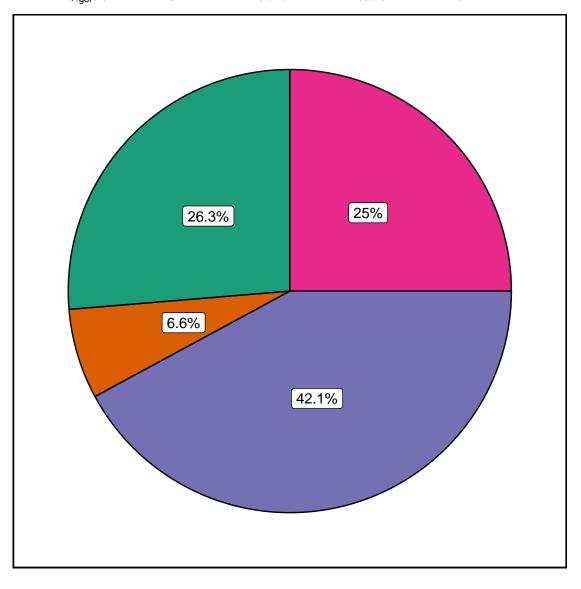
In favor of null:  $log_e(BF_{01}) = -54.54$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

30



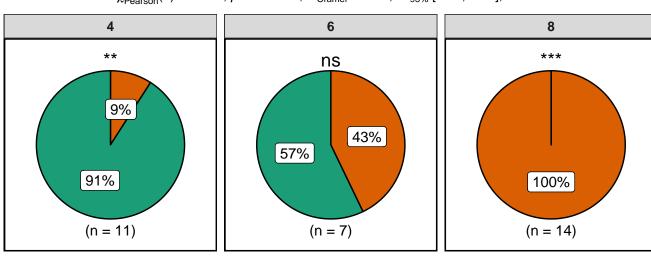
Note: Iris dataset by Fisher.

In favor of null:  $log_e(BF_{01}) = -186.14$ ,  $r_{Cauchy}^{JZS} = 0.80$ 



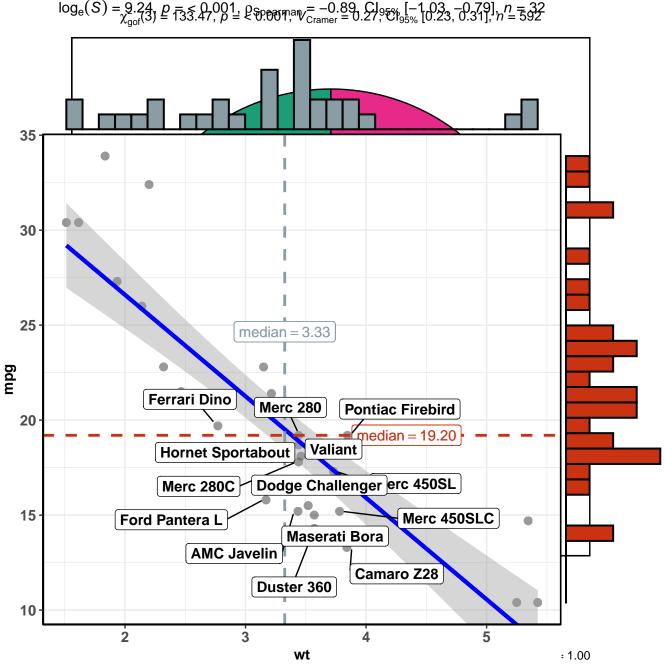


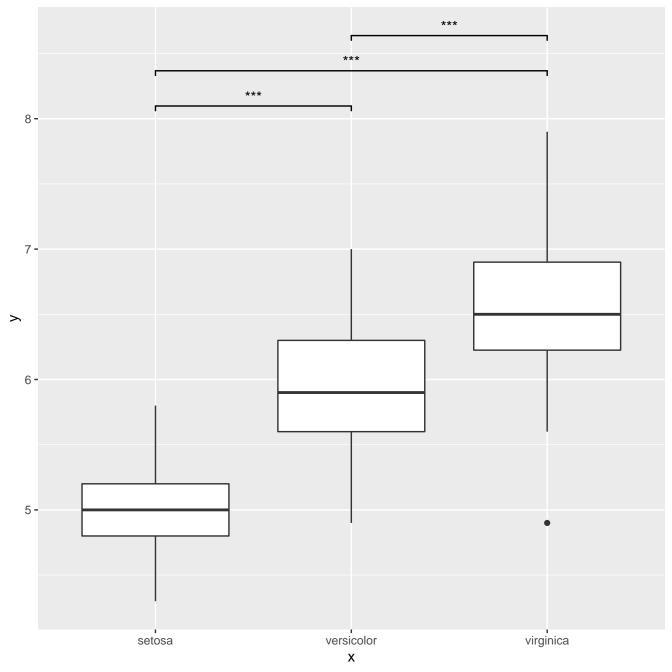
$$\chi^2_{\text{Pearson}}(2) = 21.34, p = < 0.001, V_{\text{Cramer}} = 0.82, Cl_{95\%} [0.57, 0.94], n = 32$$

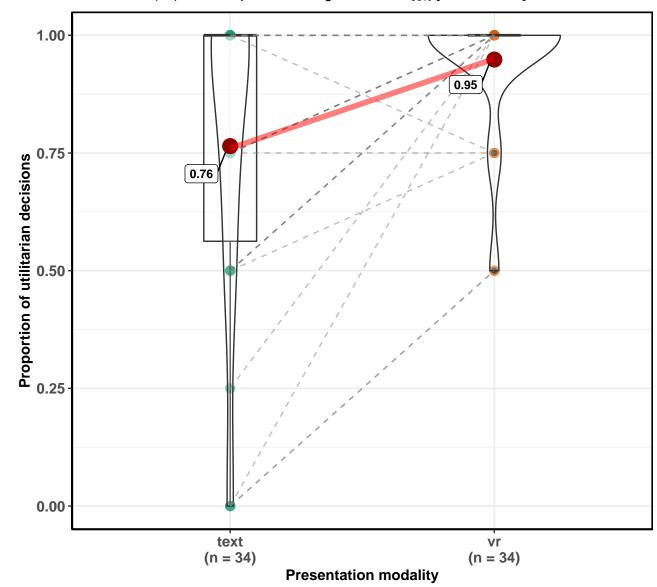


Engine 0 = V-shaped 1 = straight

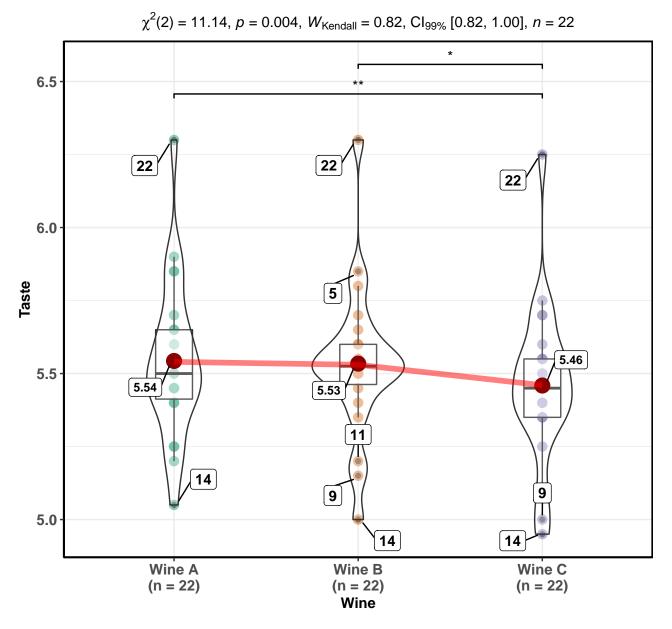
In favor of null:  $log_e(BF_{01}) = -10.31$ , sampling = independent multinomial, a = 1.00



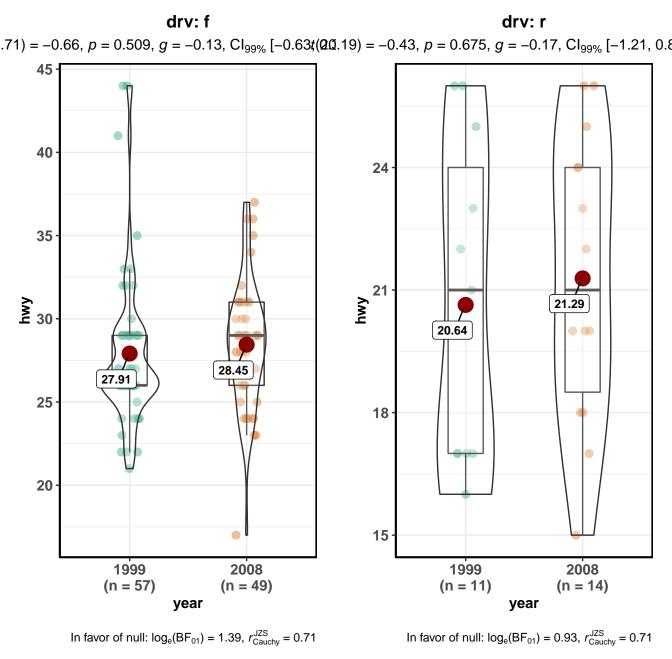


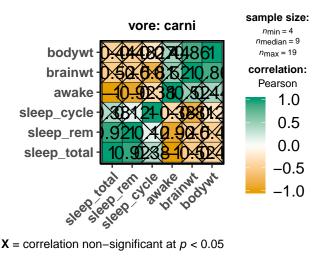


In favor of null:  $log_e(BF_{01}) = -4.34$ ,  $r_{Cauchy}^{JZS} = 0.71$ 



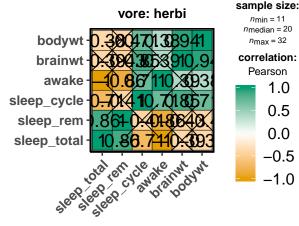
Pairwise comparisons: Durbin-Conover test; Adjustment (p-value): Holm



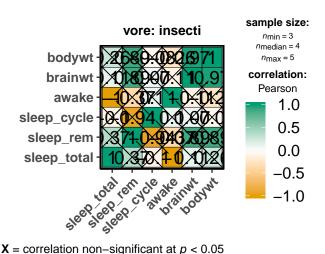


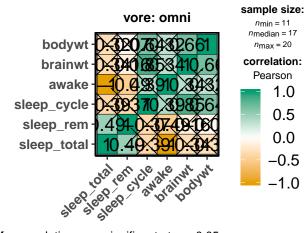
Adjustment (p-value): None

Adjustment (p-value): None



X = correlation non-significant at p < 0.05Adjustment (p-value): None





1.0

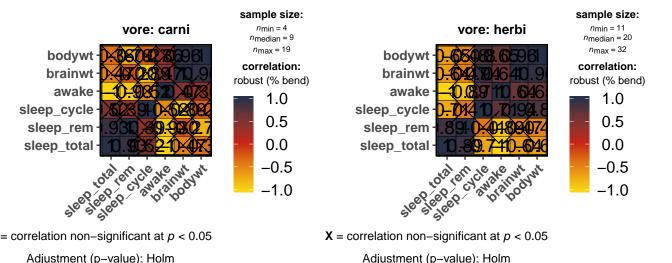
0.5

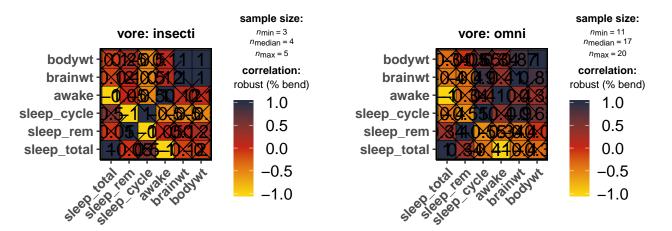
0.0

-0.5

-1.0

X = correlation non-significant at p < 0.05Adjustment (p-value): None





X = correlation non-significant at p < 0.05

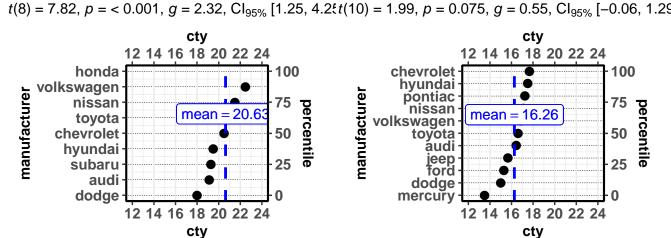
Adjustment (p-value): Holm

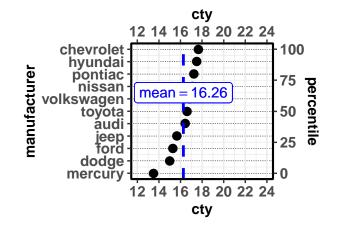
= correlation non–significant at p < 0.05

Adjustment (p-value): Holm

#### cylinder count: 4

## cylinder count: 6



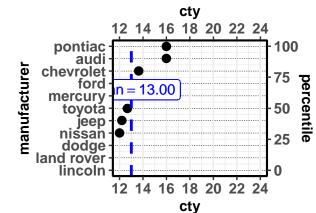


In favor of null:  $log_e(BF_{01}) = -6.20$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

In favor of null:  $log_e(BF_{01}) = -0.23$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

### cylinder count: 8

# 0) = -5.01, p = 0.001, g = -1.38, $Cl_{95\%}$ [-2.49, -0.64], n = 11



In favor of null:  $log_e(BF_{01}) = -4.24$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

