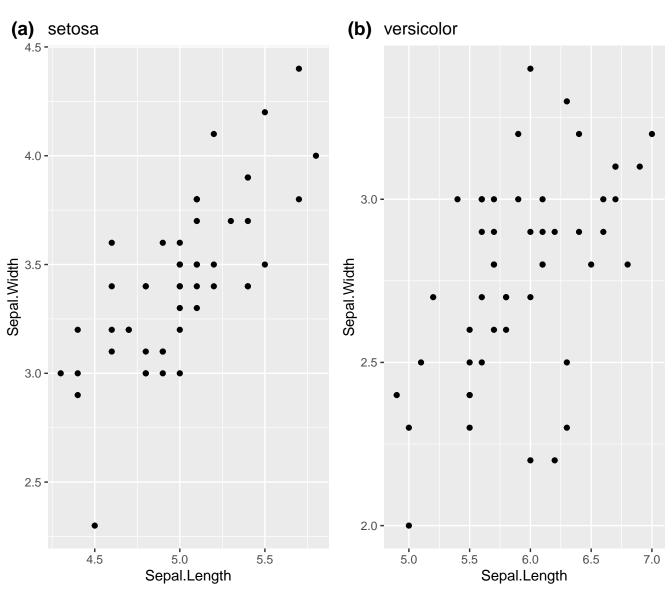
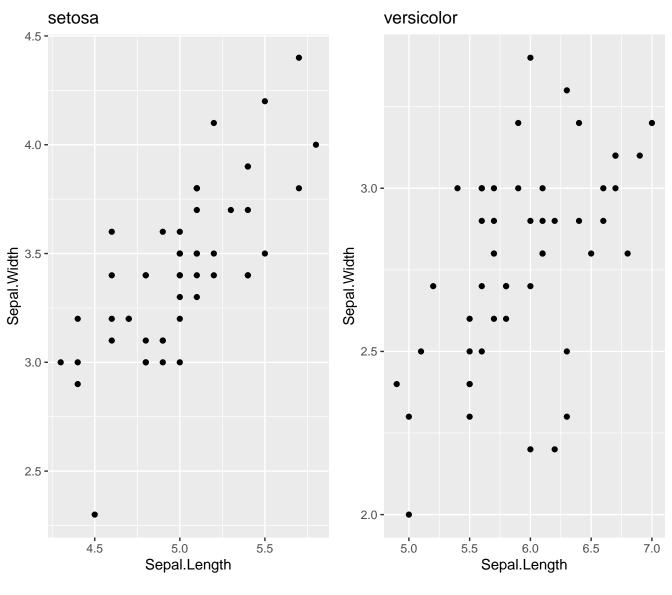
# **Dataset: Iris Flower dataset**

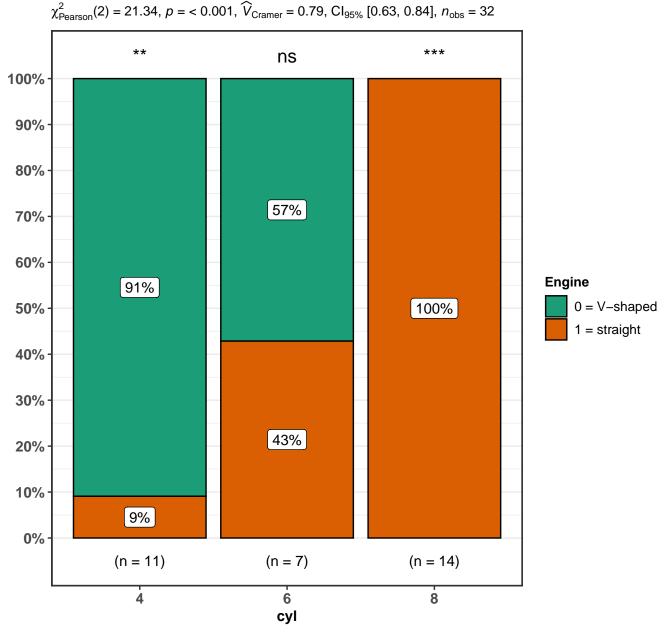


Note: Only two species of flower are displayed

#### Dataset: Iris Flower dataset

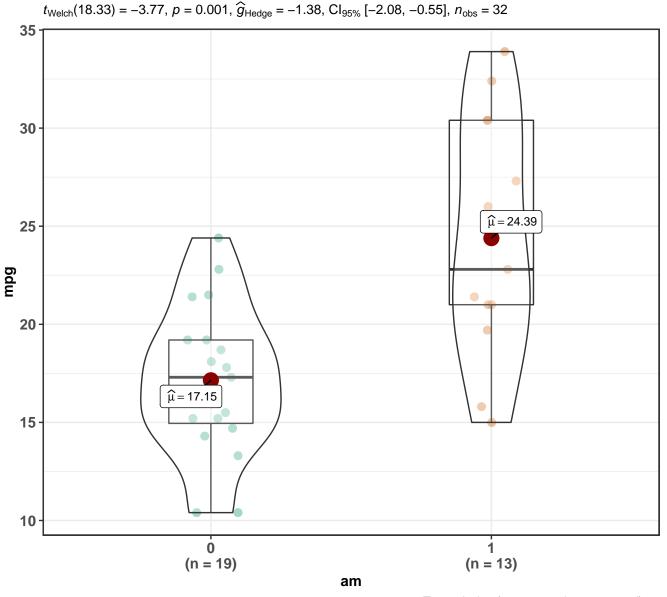


Note: Only two species of flower are displayed



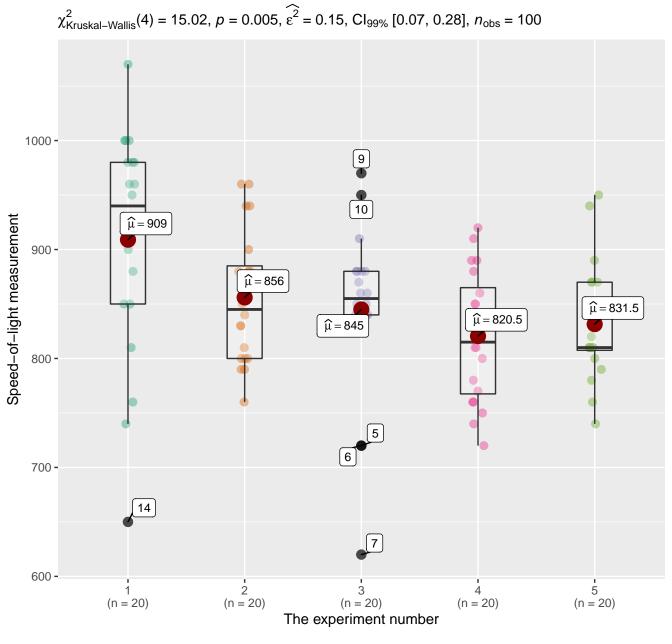
In favor of null:  $log_e(BF_{01}) = -10.31$ , sampling = independent multinomial, a = 1.00

# Fuel efficiency by type of car transmission

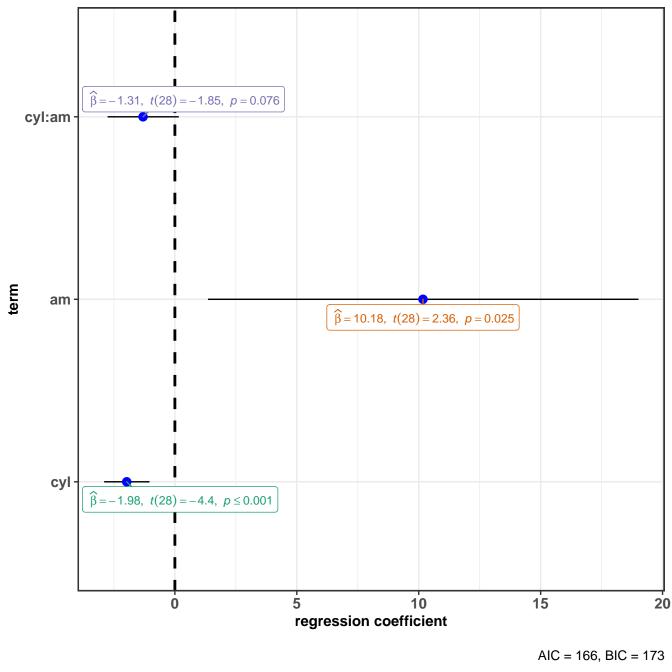


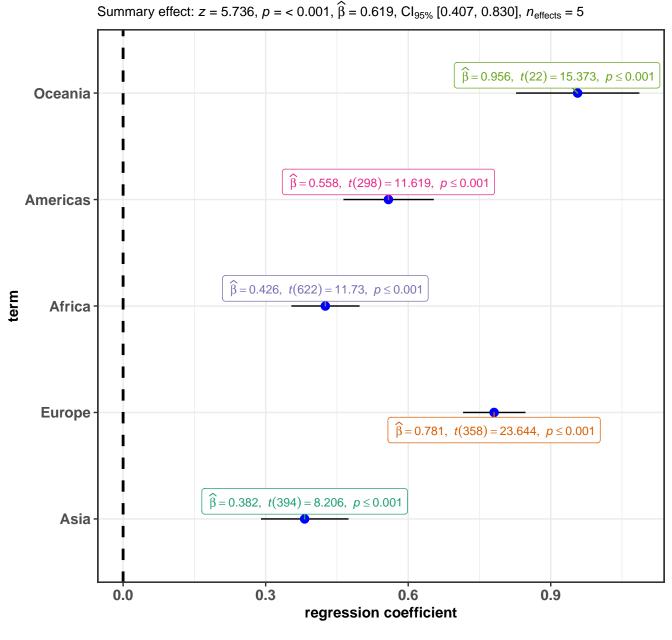
Transmission (0 = automatic, 1 = manual)

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

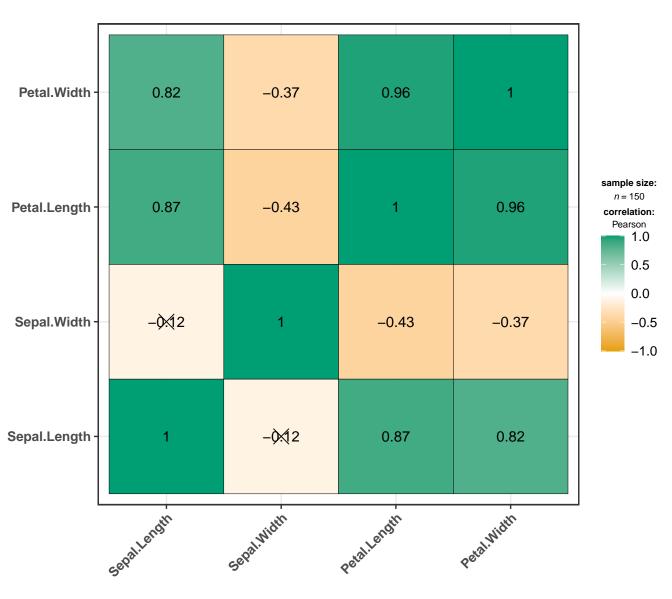


Pairwise comparisons: Dwass-Steel-Crichtlow-Fligner test; Adjustment (p-value): Benjamini & Hochberg

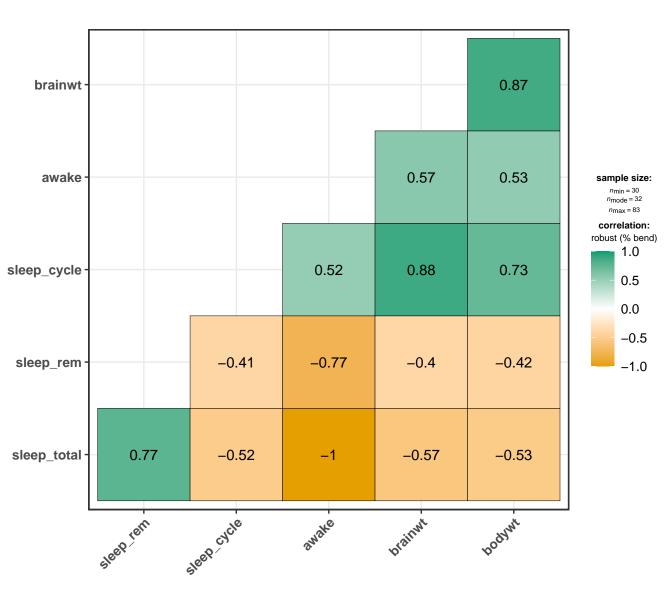




Heterogeneity: Q(4) = 109, p = < 0.001,  $\tau_{REML}^2 = 0.056$ ,  $I^2 = 96.81\%$ 



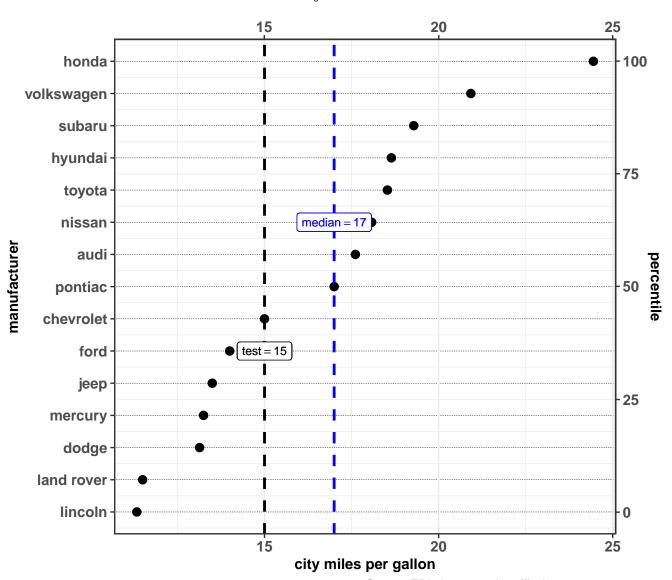
X = non-significant at p < 0.05 (Adjustment: None)



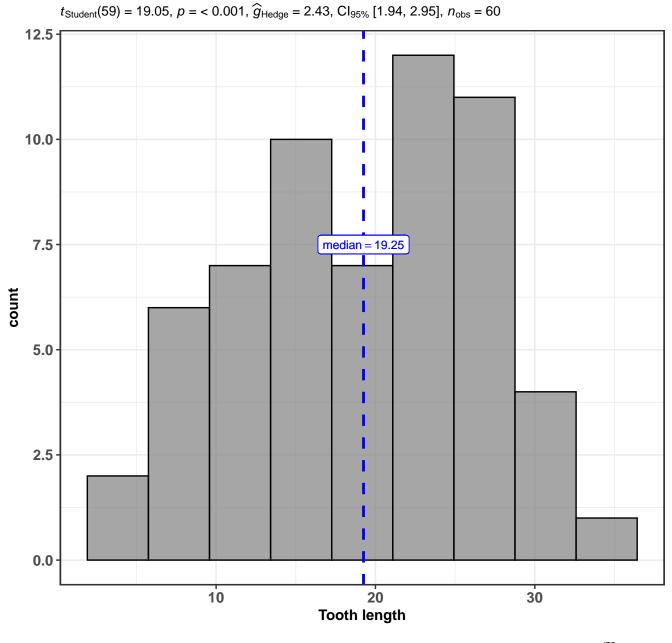
X = non-significant at p < 0.05 (Adjustment: None)

#### Fuel economy data

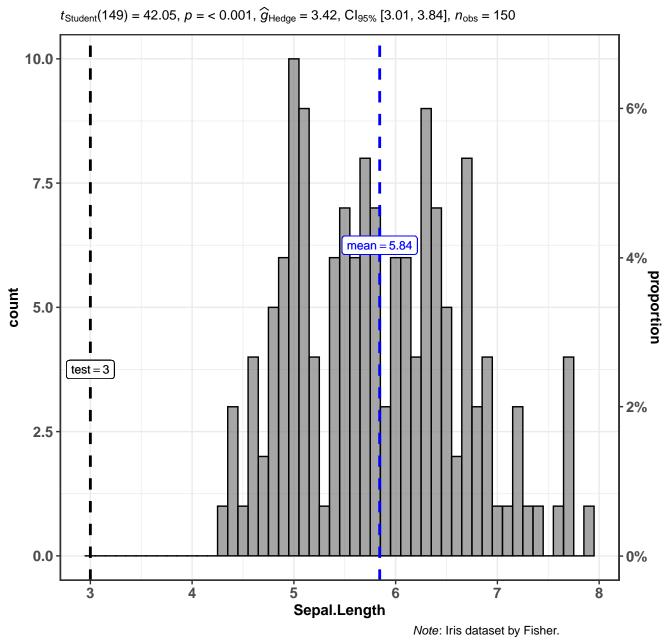
 $t_{\text{Student}}(14) = 1.47, p = 0.163, \hat{g}_{\text{Hedge}} = 0.36, \text{Cl}_{99\%} [-0.31, 1.04], n_{\text{obs}} = 15$ 



Source: EPA dataset on http://fueleconomy.gov In favor of null:  $log_e(BF_{01}) = 0.44$ ,  $r_{Cauchy}^{JZS} = 0.71$ 

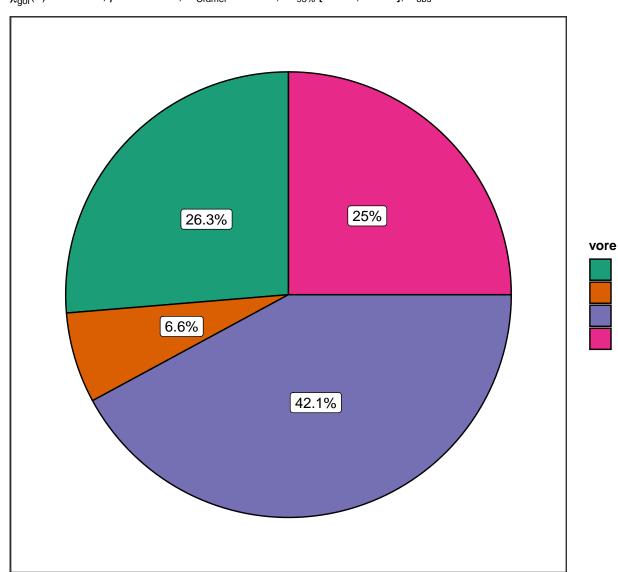


In favor of null:  $log_e(BF_{01}) = -54.54$ ,  $r_{Cauchy}^{JZS} = 0.71$ 



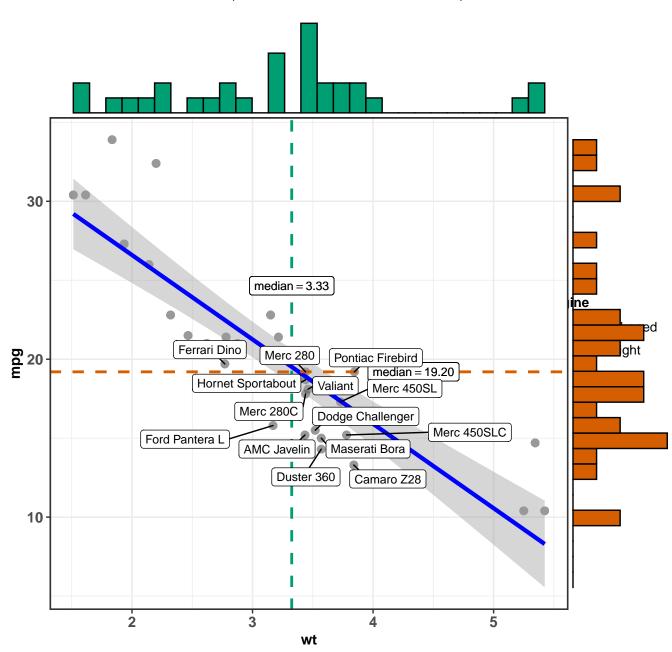
In favor of null:  $log_e(BF_{01}) = -186.14$ ,  $r_{Cauchy}^{JZS} = 0.80$ 

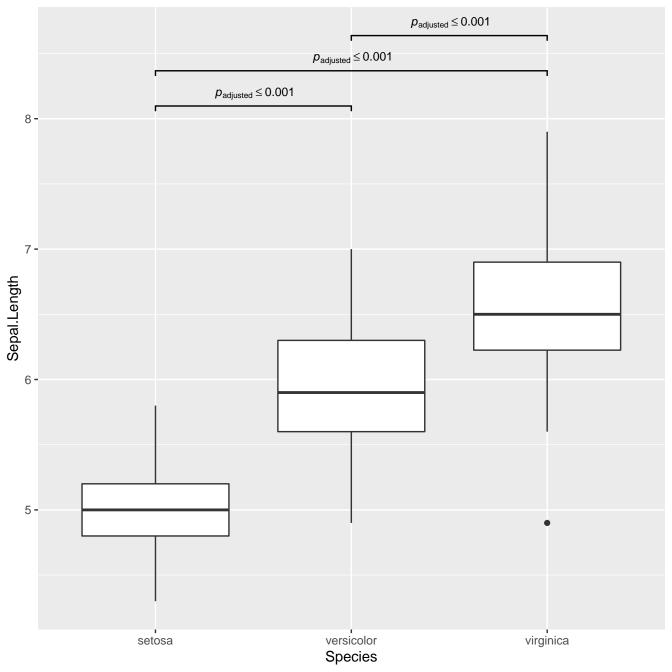
 $\chi^2_{\rm gof}(3) = 19.263, \, p = <0.001, \, \widehat{V}_{\rm Cramer} = 0.291, \, {\rm CI}_{95\%} \, [0.185, \, 0.366], \, n_{\rm obs} = 76$ 

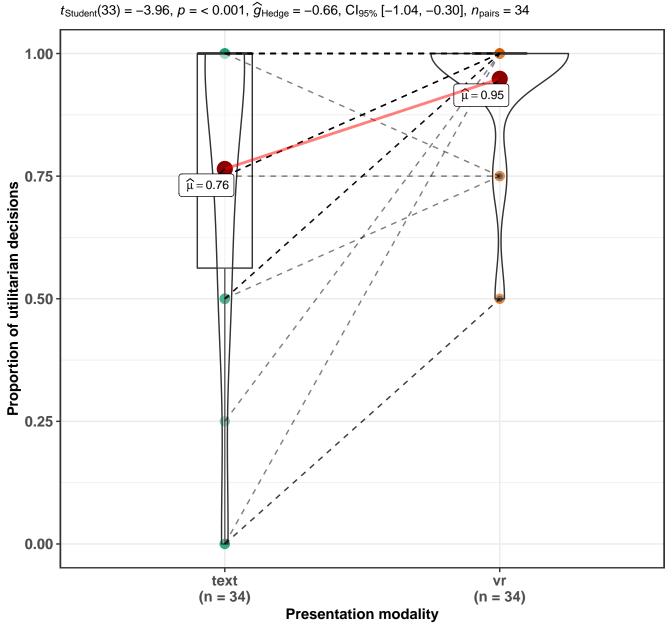


omni insecti herbi

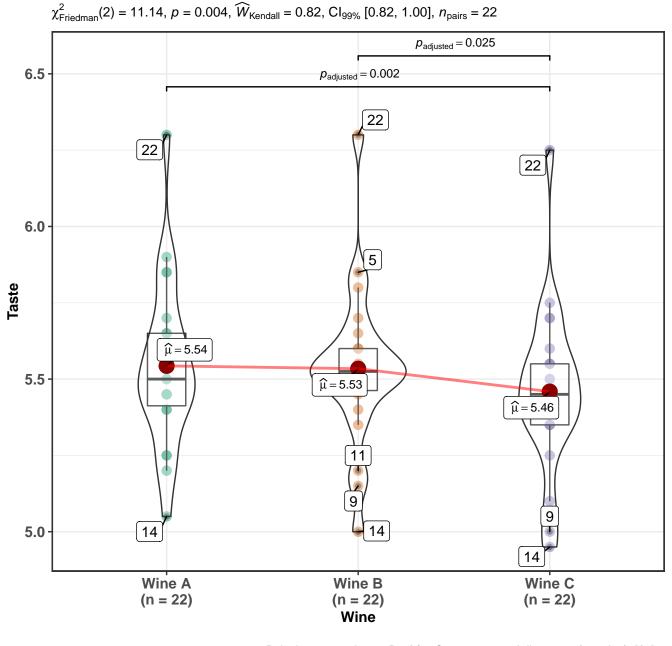
carni







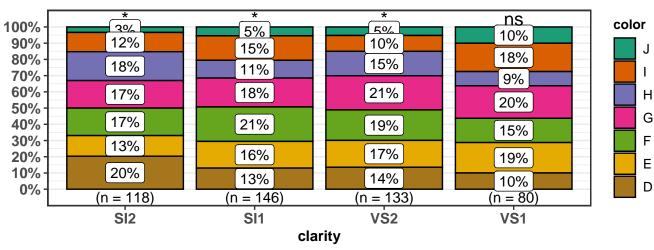
In favor of null:  $log_e(BF_{01}) = -4.34$ ,  $r_{Cauchy}^{JZS} = 0.71$ 



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

#### **Quality: Very Good**

$$\chi^2_{\text{Pearson}}(18) = 17.95, \ p = 0.459, \ \widehat{V}_{\text{Cramer}} = 0.00, \ \text{Cl}_{95\%} \ [-0.18, -0.04], \ n_{\text{obs}} = 477$$



In favor of null:  $log_e(BF_{01}) = 16.13$ , sampling = independent multinomial, a = 1.00

J

Η

G

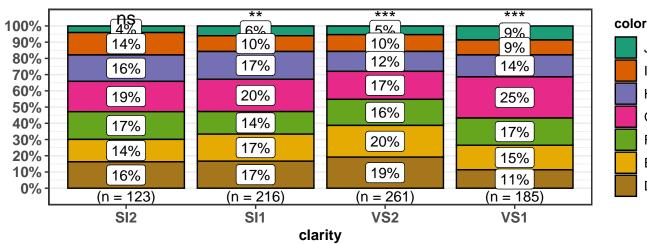
F

Е

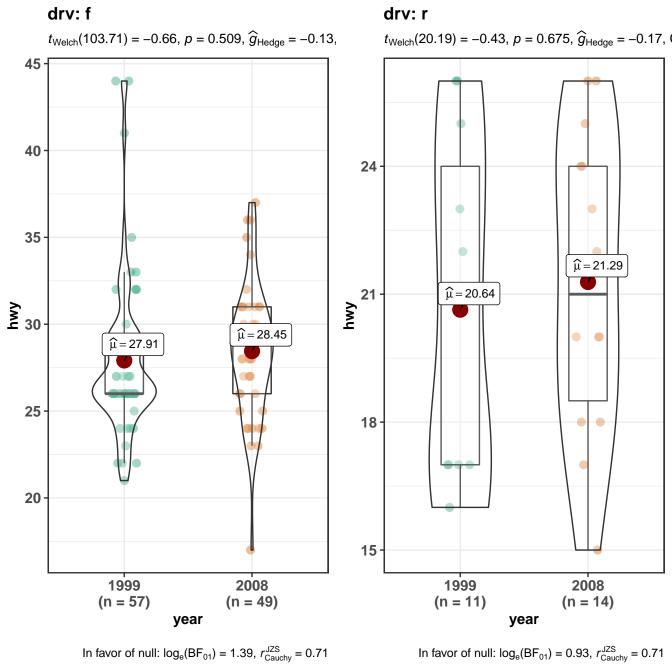
D

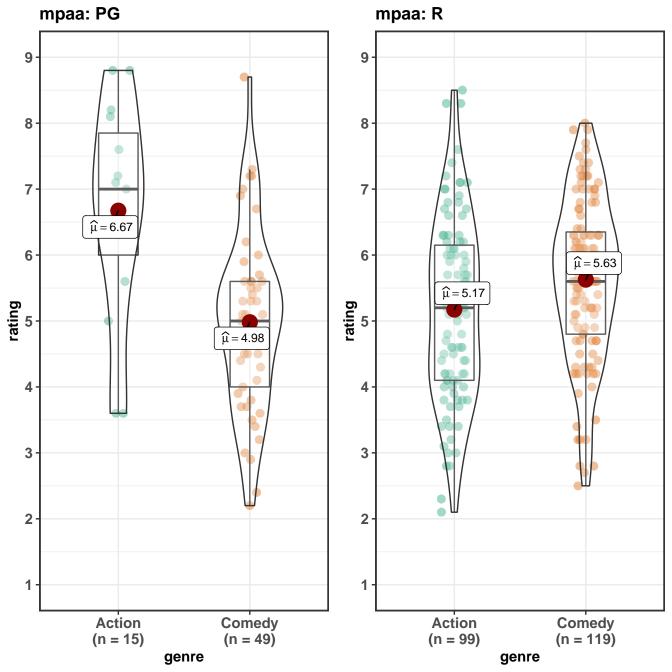
#### **Quality: Ideal**

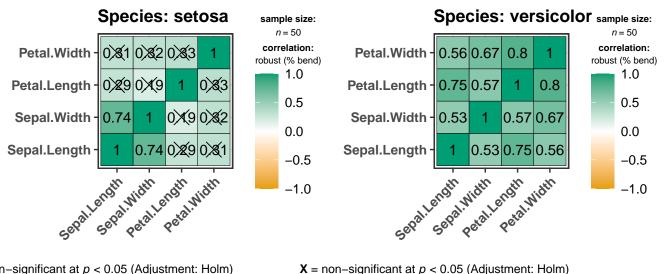
$$\chi^2_{\text{Pearson}}(18) = 17.85, \ p = 0.466, \ \widehat{V}_{\text{Cramer}} = 0.00, \ \text{Cl}_{95\%} \ [-0.14, -0.03], \ n_{\text{obs}} = 785$$

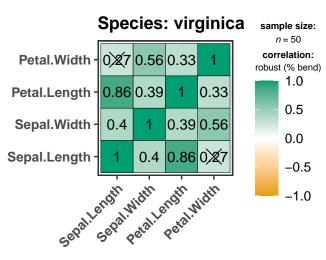


In favor of null:  $log_e(BF_{01}) = 20.36$ , sampling = independent multinomial, a = 1.00

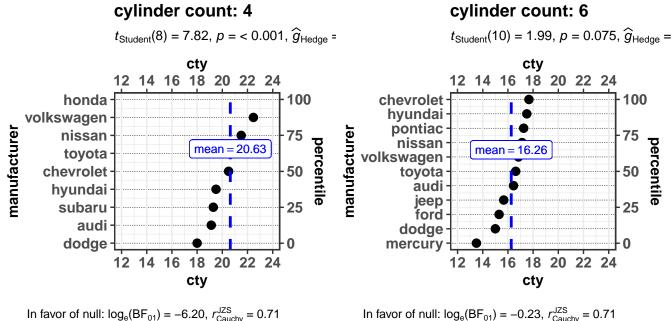


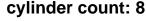




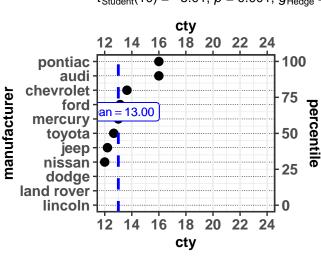


n-significant at p < 0.05 (Adjustment: Holm)

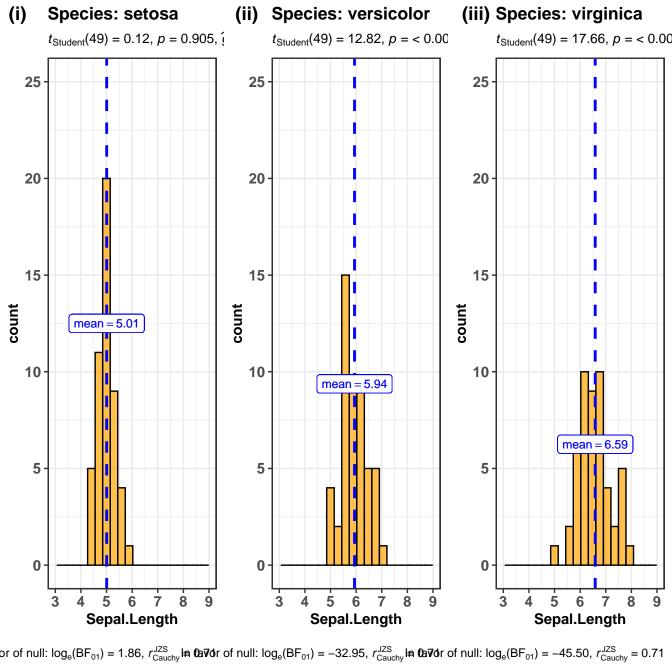




 $t_{\text{Student}}(10) = -5.01, p = 0.001, \widehat{g}_{\text{Hedge}} = -1.40, \text{Cl}_{95\%}$  [-2.30, -0.60],  $n_{\text{obs}} = 11$ 

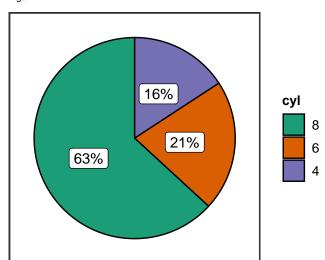


In favor of null:  $log_e(BF_{01}) = -4.24$ ,  $r_{Cauchy}^{JZS} = 0.71$ 



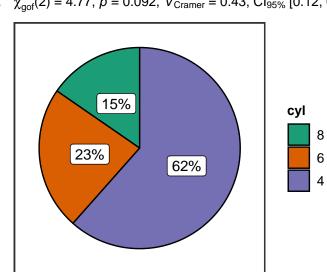
am: 0

$$\chi_{\text{gof}}^{2}(2) = 7.68, p = 0.021, \widehat{V}_{\text{Cramer}} = 0.45, \text{Cl}_{95\%} [0.11, 0.^{\circ}] \chi_{\text{gof}}^{2}(2) = 4.77, p = 0.092, \widehat{V}_{\text{Cramer}} = 0.43, \text{Cl}_{95\%} [0.12, 0.02]$$

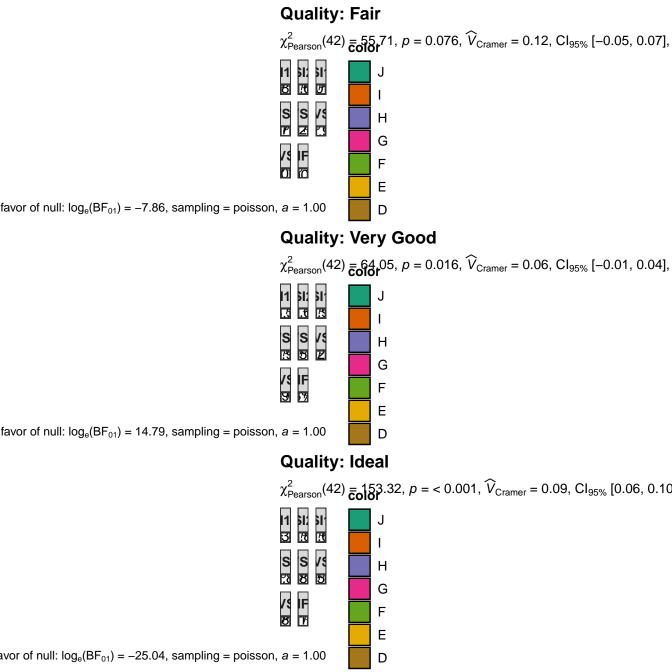


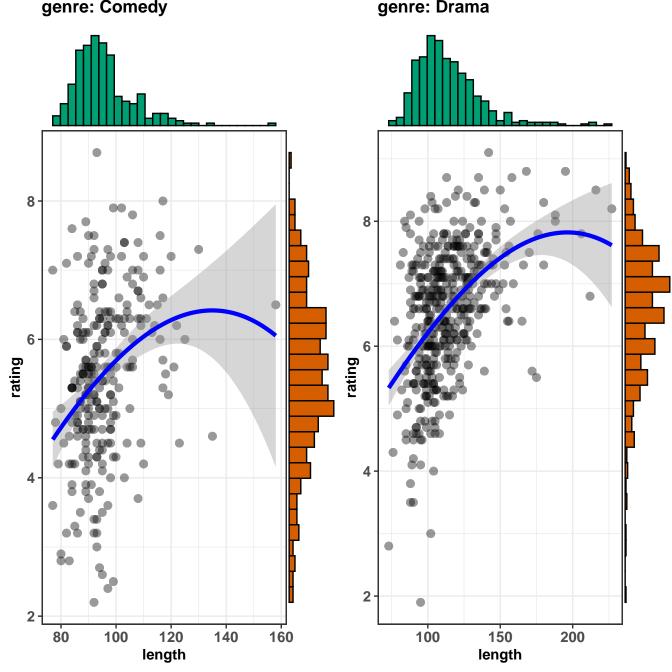
In favor of null:  $log_e(BF_{01}) = -0.16$ , a = 1.00

### am: 1



In favor of null:  $log_e(BF_{01}) = 0.85$ , a = 1.00



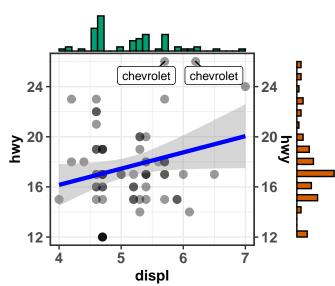


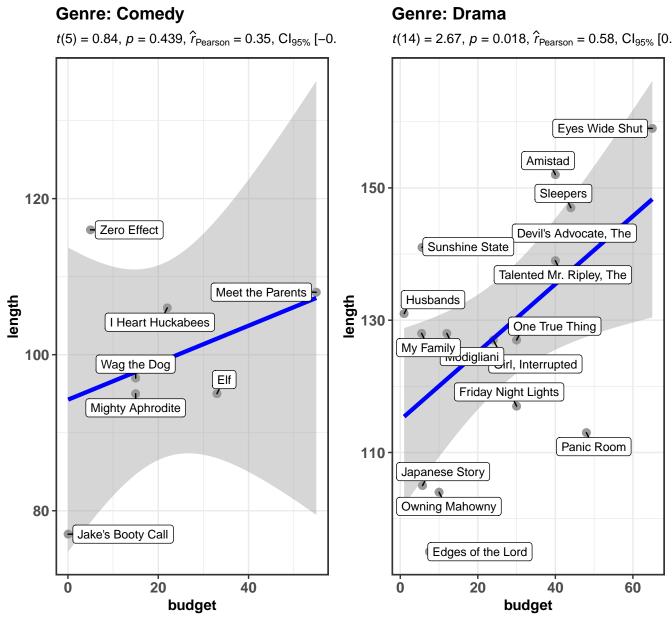
Cylinder count: 4 Cylinder count: 6  $t(79) = -6.93, p = < 0.001, \widehat{\rho}_{pb} = -6.93$  $t(77) = -5.13, p = < 0.001, \widehat{\rho}_{pb} = -($ 45 45 40 40 volkswagen volkswagen ontiac toyota 25 aud tdyota 25 35 hevrolet ford 35 بر 30 ک hwy 30 W hwy volkswagen ford ota nissan chevrolet nissan 20 -20 25 -25 20 20 2.5 1.75 2.25 2.50 3.0 4.0 2.00 2.75 3.5

displ

## **Cylinder count: 8** $t(68) = 1.25, p = 0.216, \widehat{\rho}_{pb} = 0.15,$

displ





All movies have IMDB rating equal to 7.

