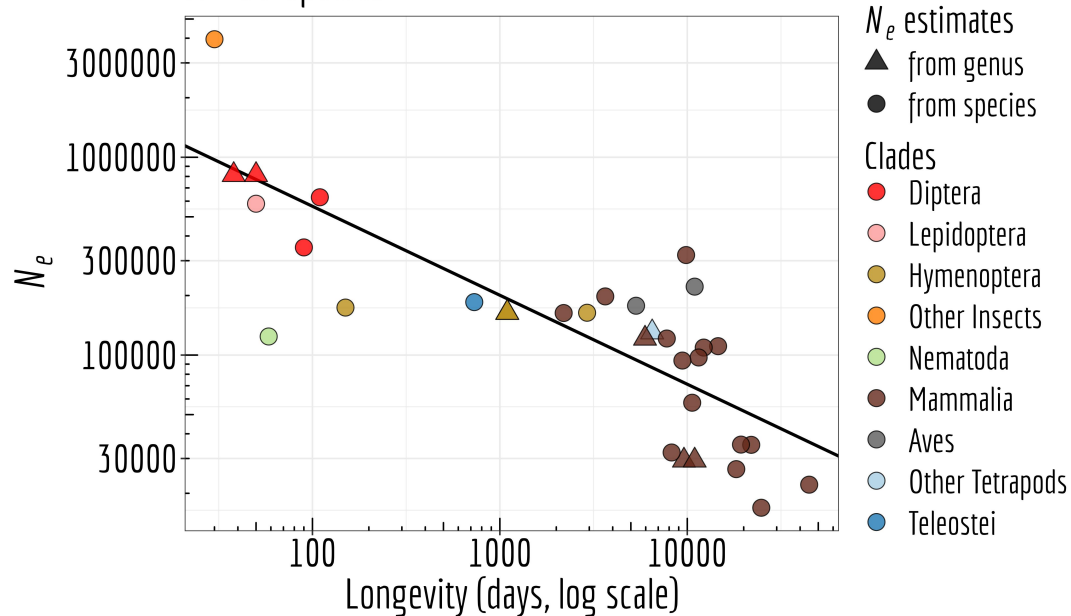


A

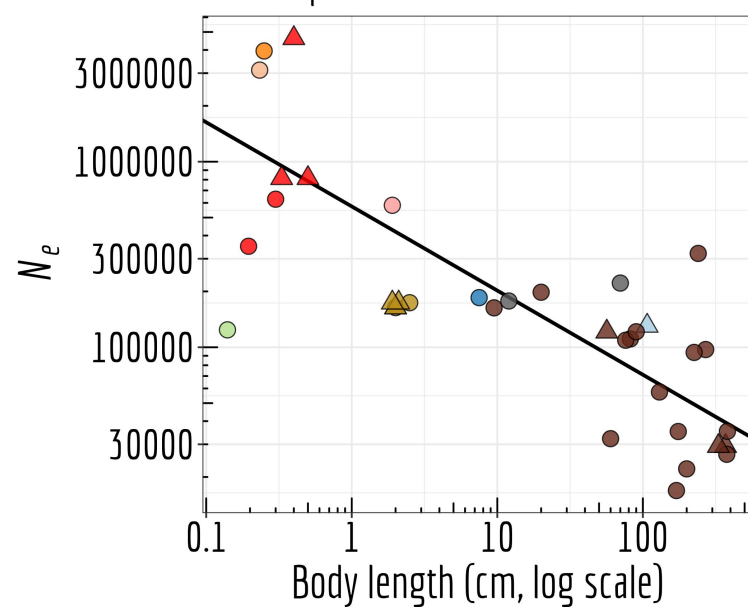
N = 33 species



Pagel's λ : $R^2 = 0.6$, p-value = $1e-07$; LM : $R^2 = 0.64$, p-value = $2e-08$

B

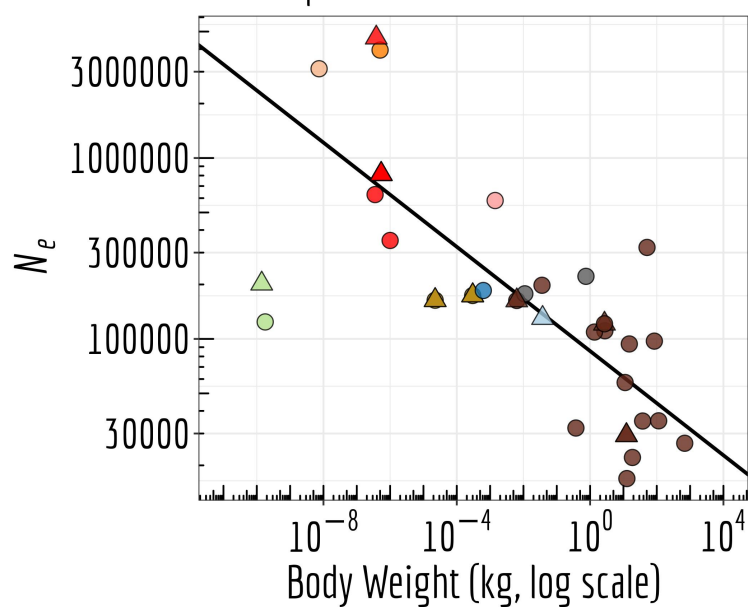
N = 37 species



Pagel's λ : $R^2 = 0.33$, p-value = $2e-04$; LM : $R^2 = 0.6$, p-value = $2e-08$

C

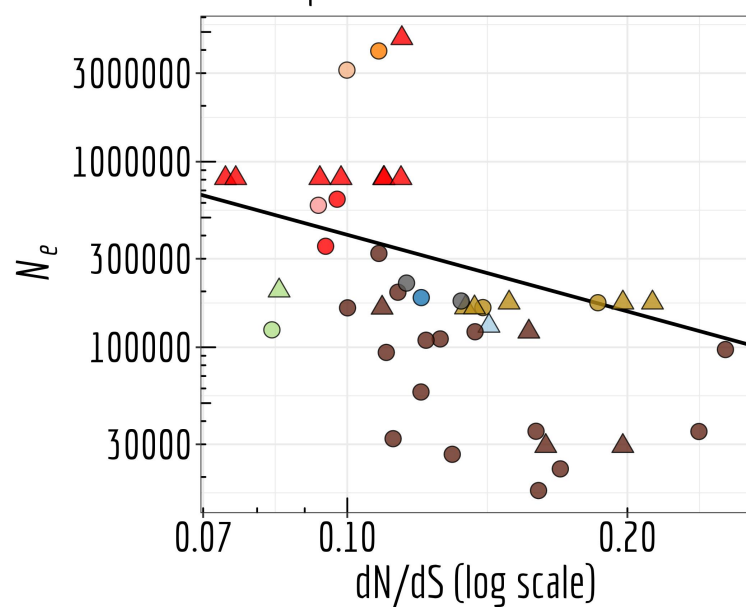
N = 45 species



Pagel's λ : $R^2 = 0.25$, p-value = $4e-04$; LM : $R^2 = 0.55$, p-value = $5e-09$

D

N = 45 species



Pagel's λ : $R^2 = 0.17$, p-value = $5e-03$; LM : $R^2 = 0.31$, p-value = $7e-05$