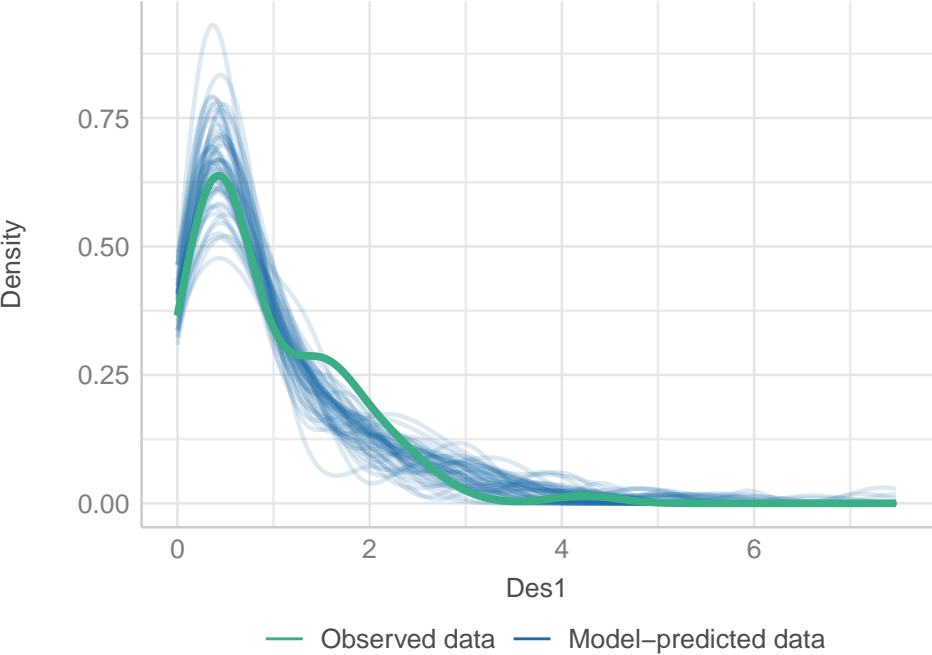
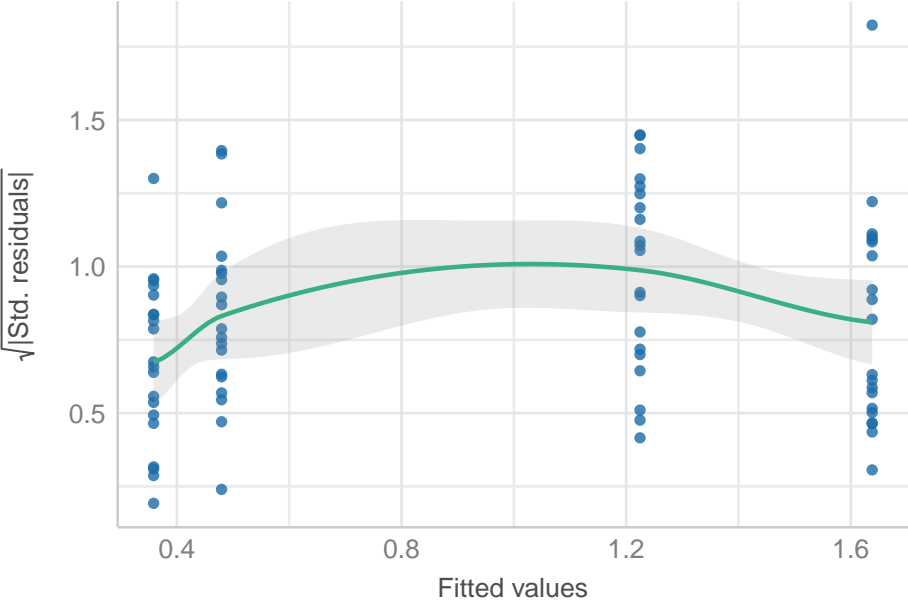


glm – Gamma(link = 'log'): Des1 ~ Subspecies + Task

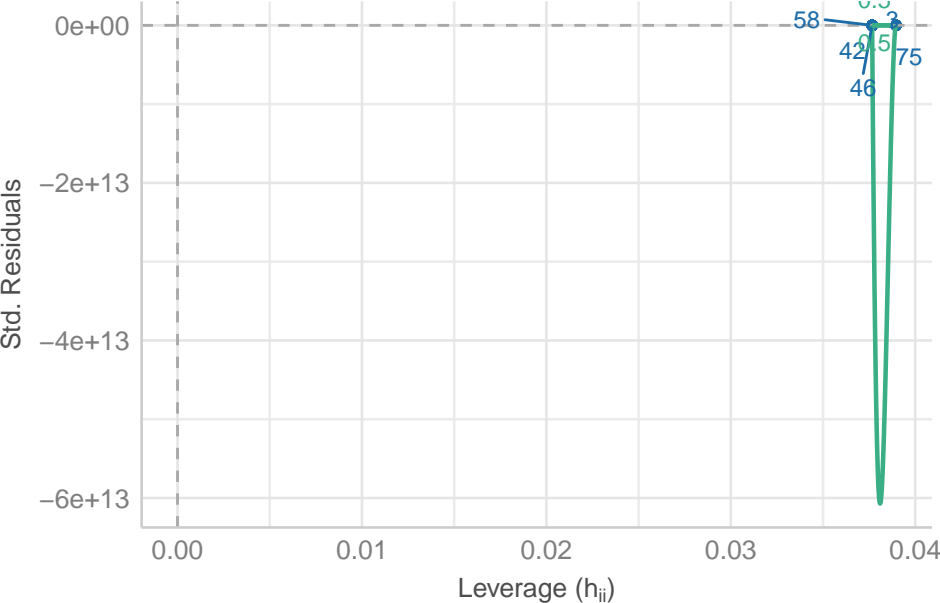
Posterior Predictive Check
Model-predicted lines should resemble observed data line



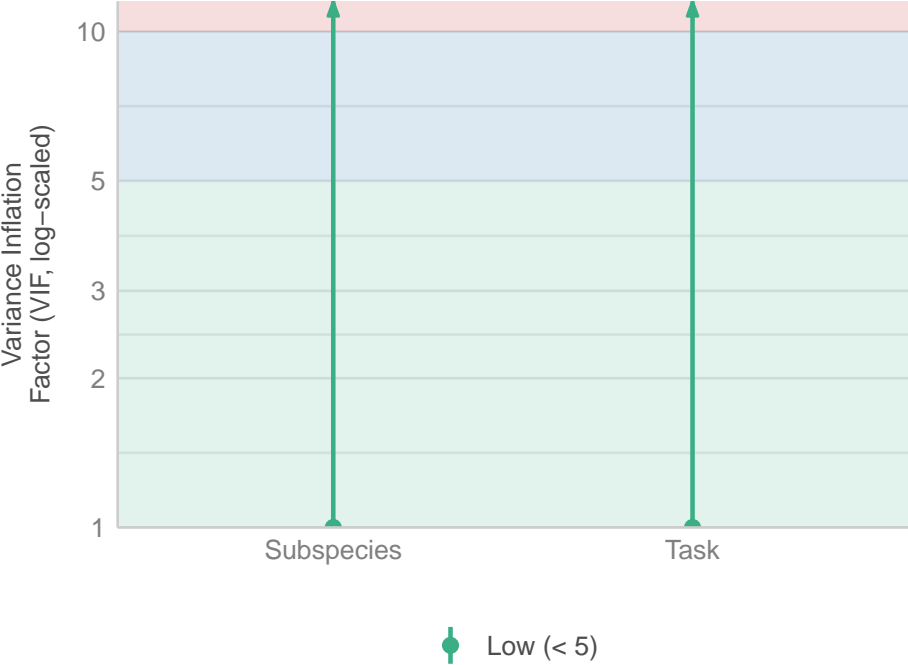
Homogeneity of Variance
Reference line should be flat and horizontal

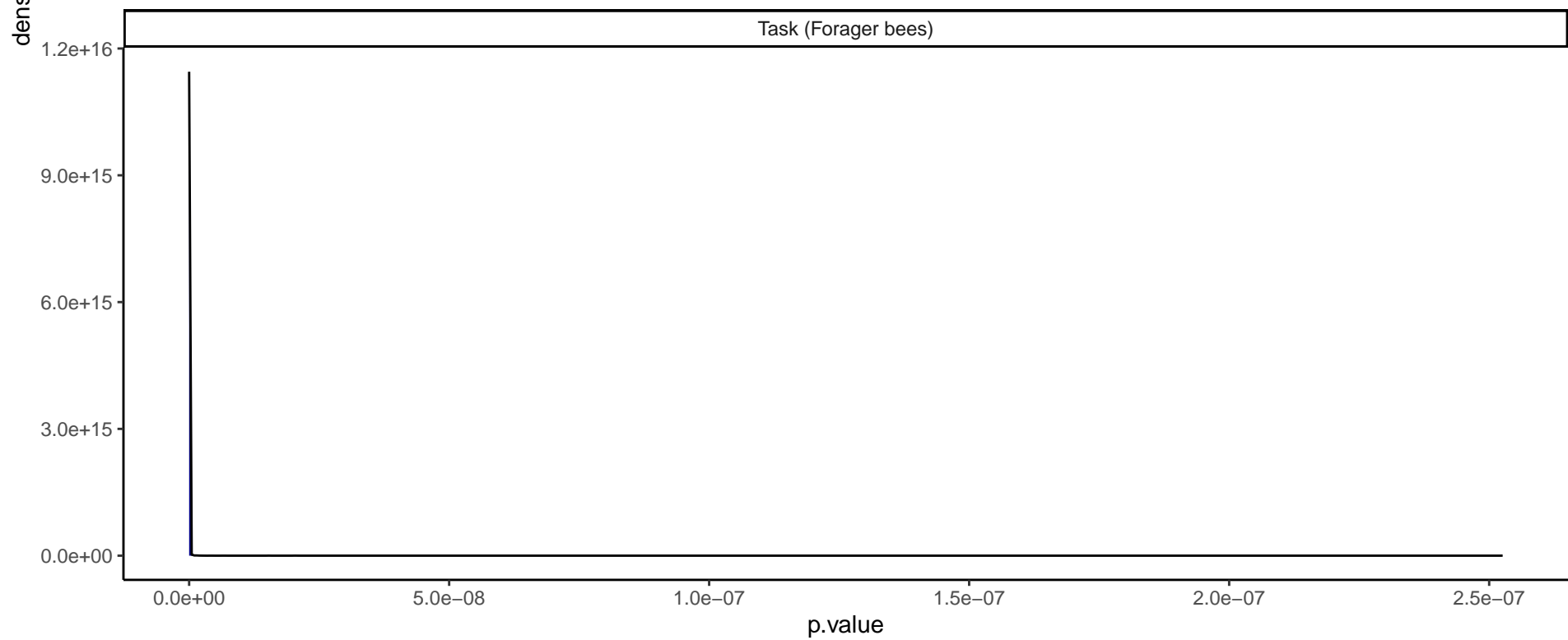
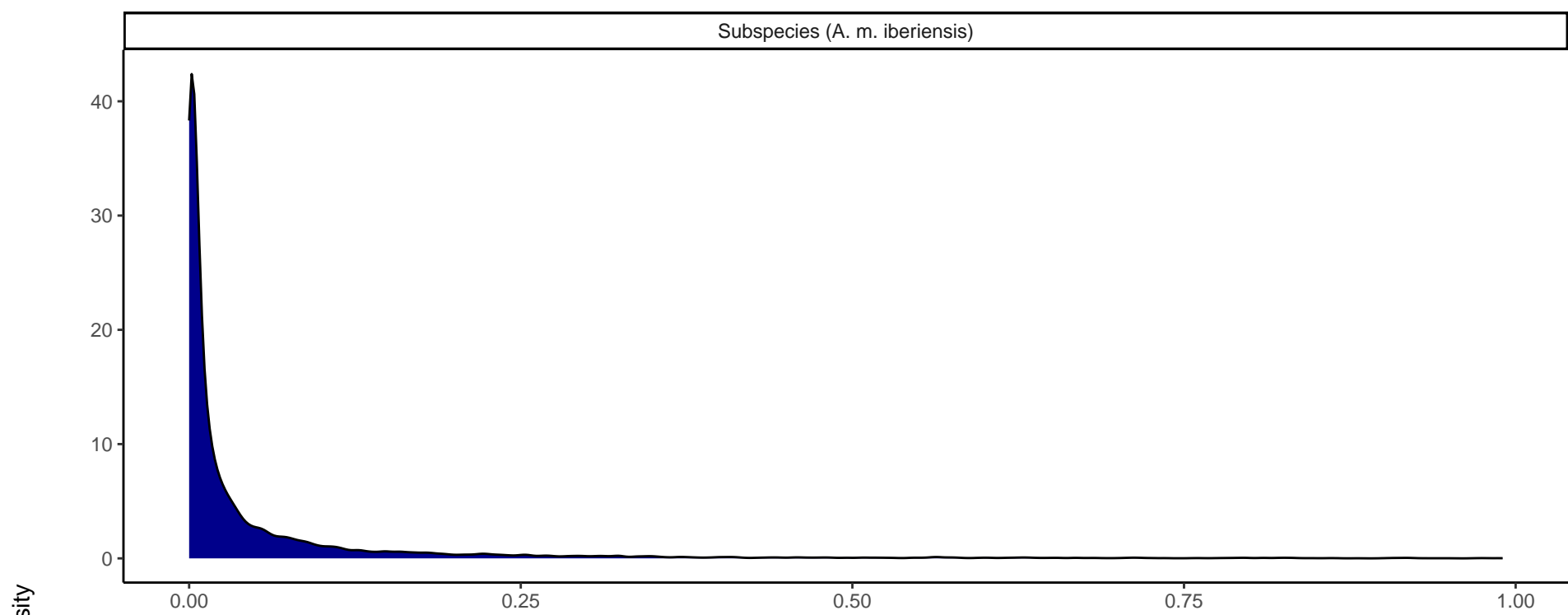


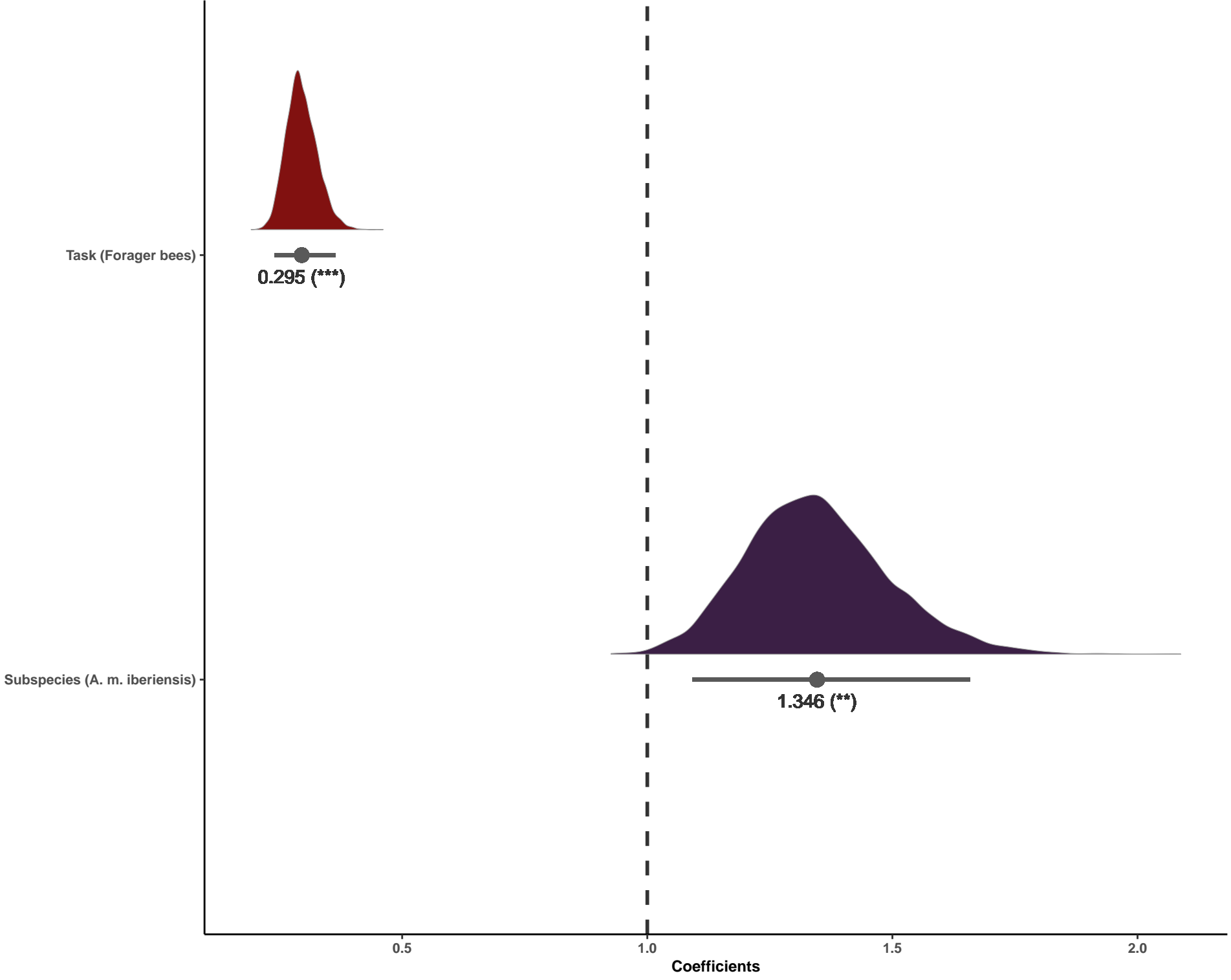
Influential Observations
Points should be inside the contour lines



Collinearity
High collinearity (VIF) may inflate parameter uncertainty

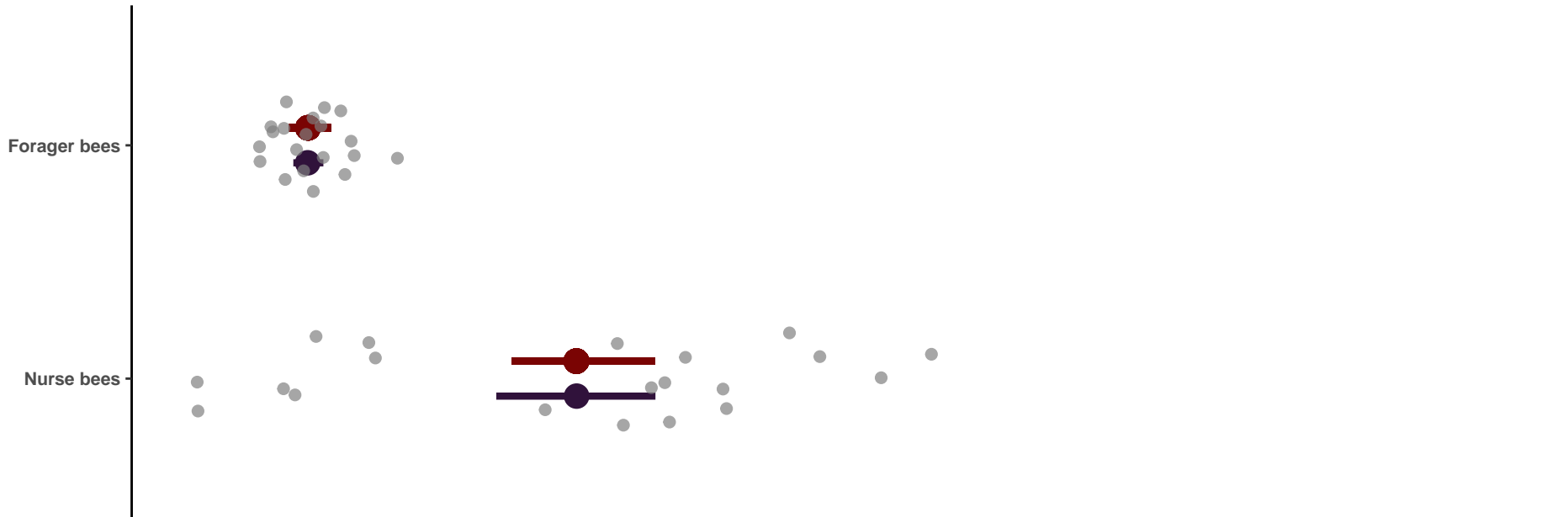




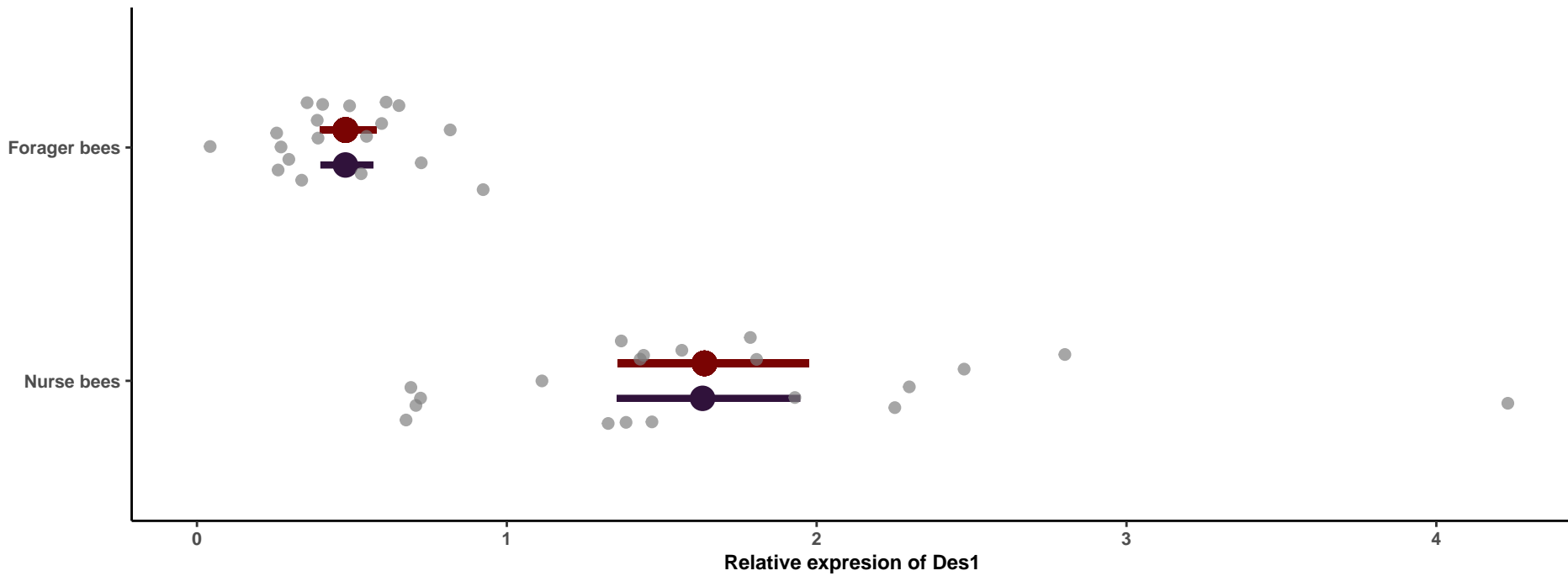


model ● bootstrapped ● glm

A. m. carnica



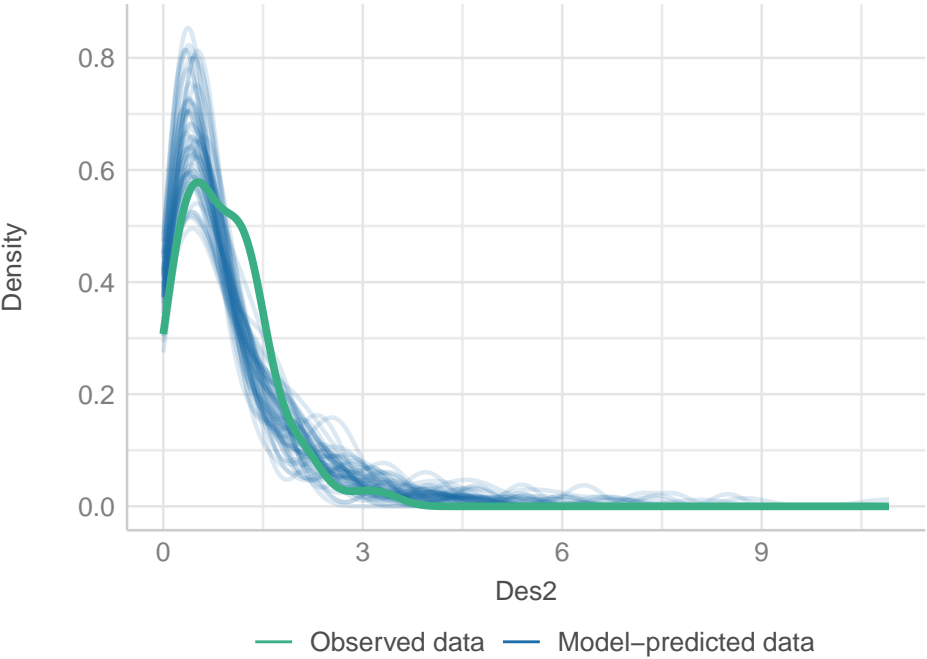
A. m. iberiensis



glm – Gamma(link = 'log'): Des2 ~ Subspecies + Task

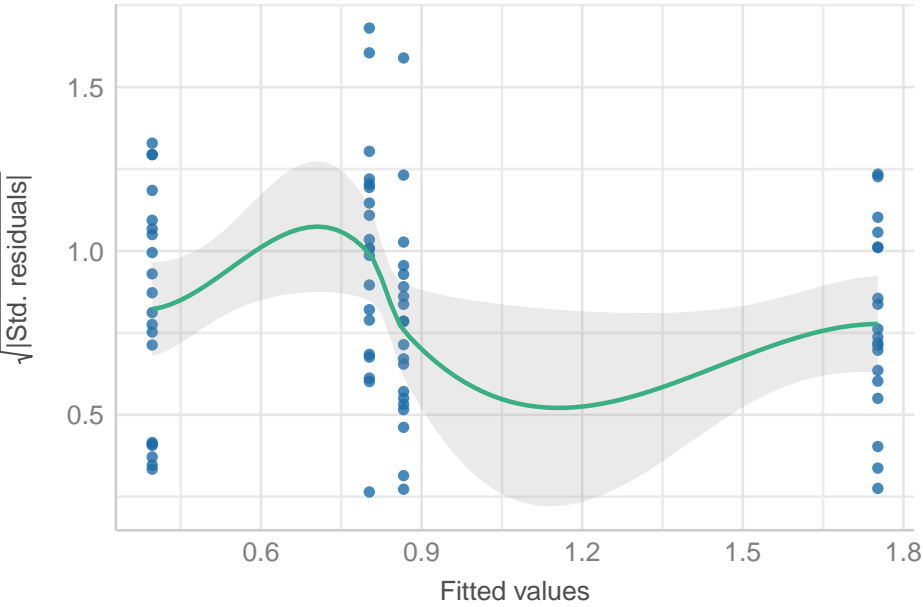
Posterior Predictive Check

Model-predicted lines should resemble observed data line



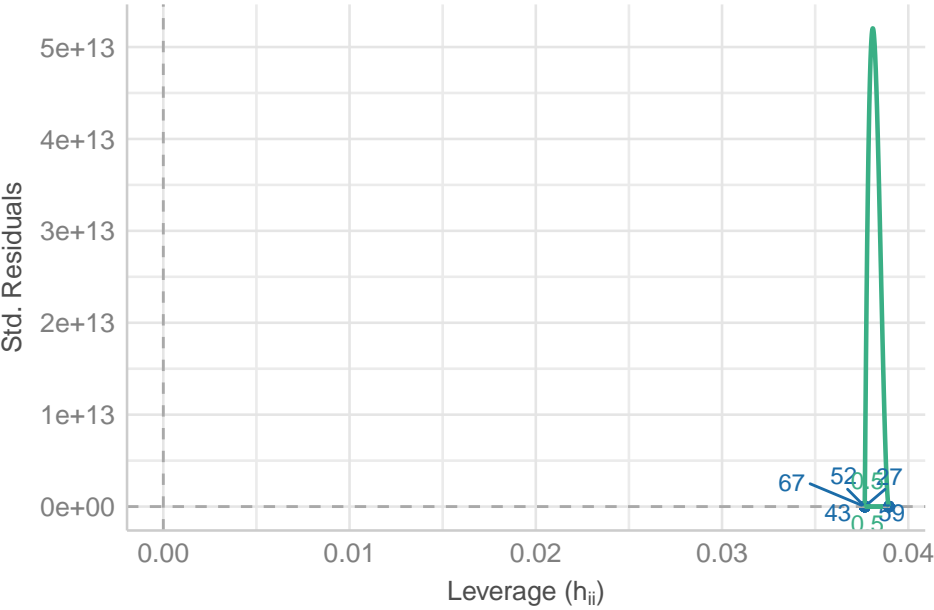
Homogeneity of Variance

Reference line should be flat and horizontal



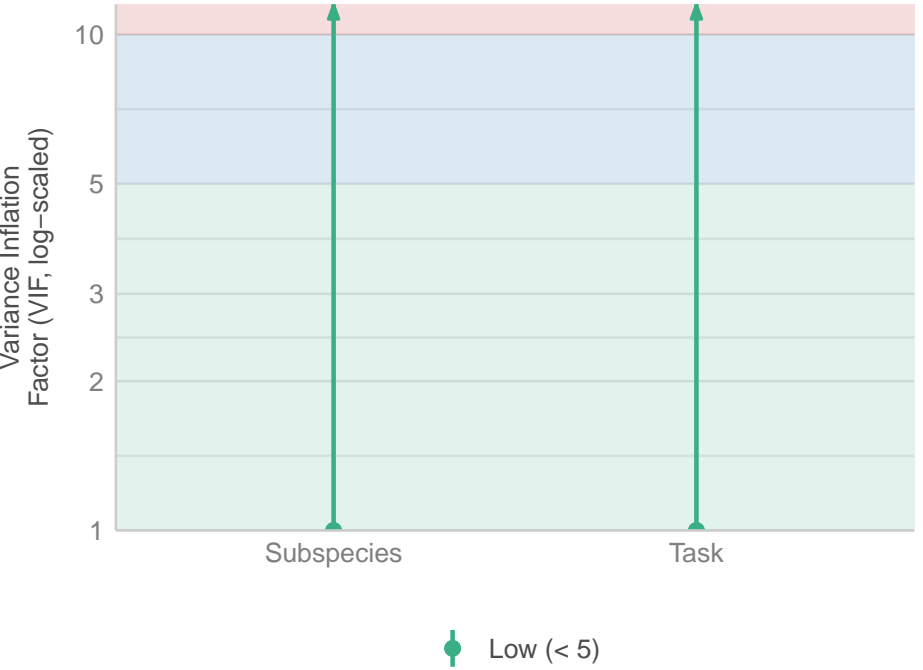
Influential Observations

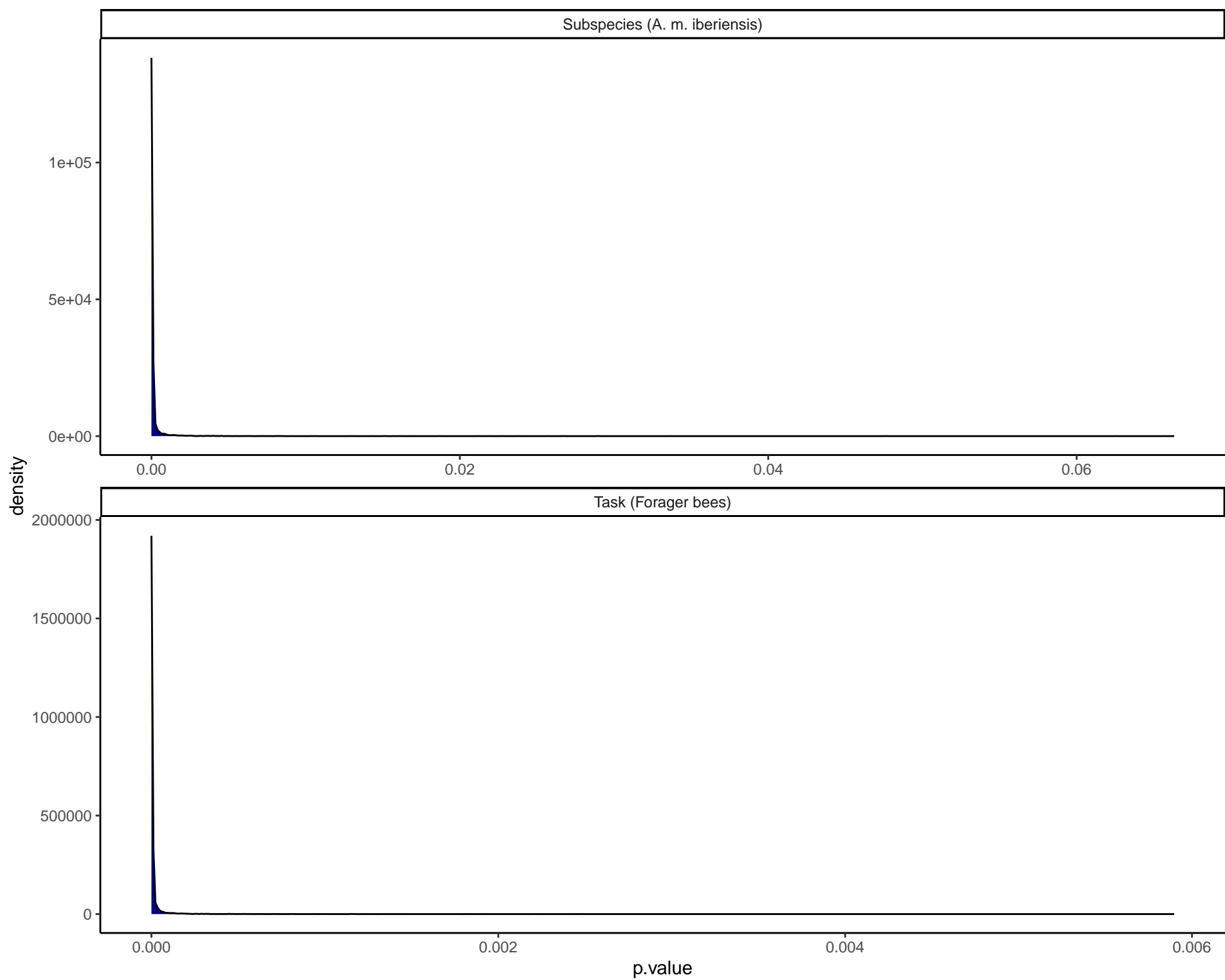
Points should be inside the contour lines



Collinearity

High collinearity (VIF) may inflate parameter uncertainty





Task (Forager bees)

2.209 (***)

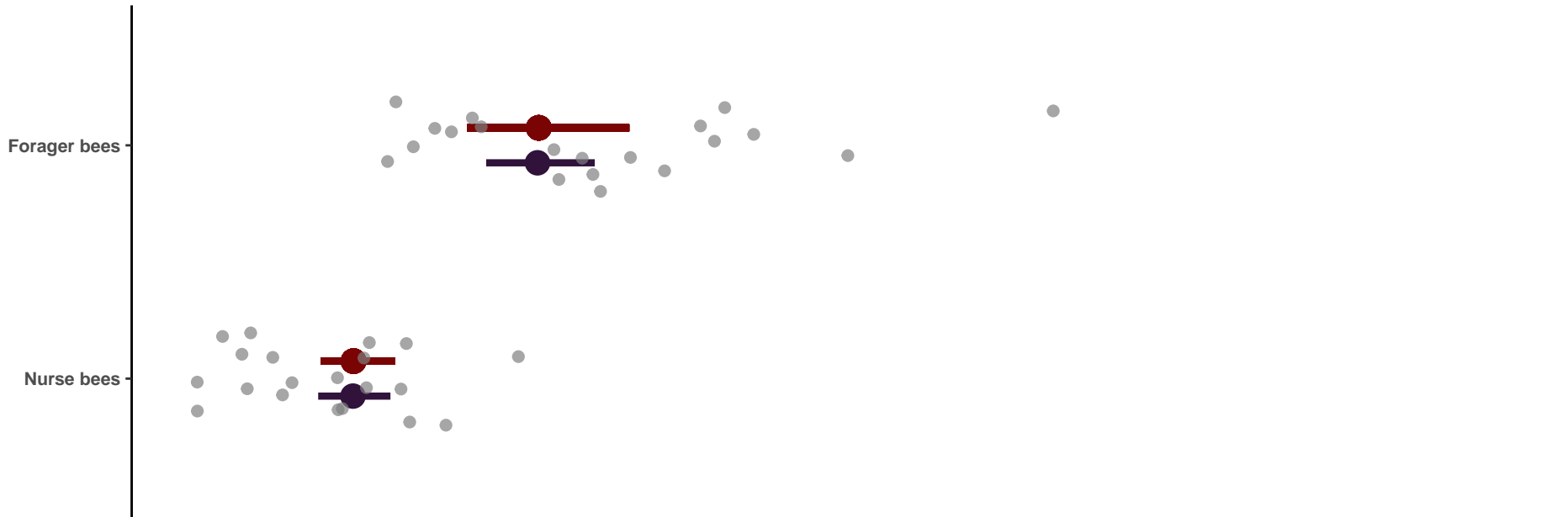
Subspecies (A. m. iberiensis)

2.039 (***)

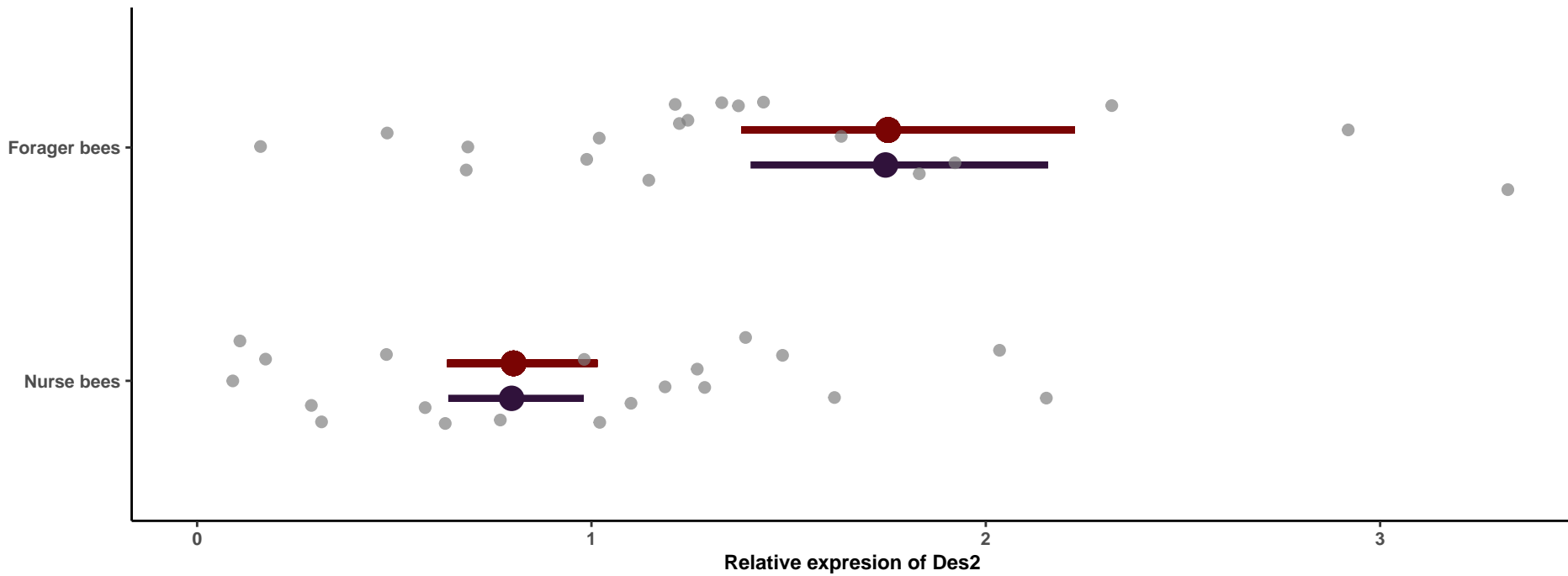
Coefficients

model ● bootstrapped ● glm

A. m. carnica



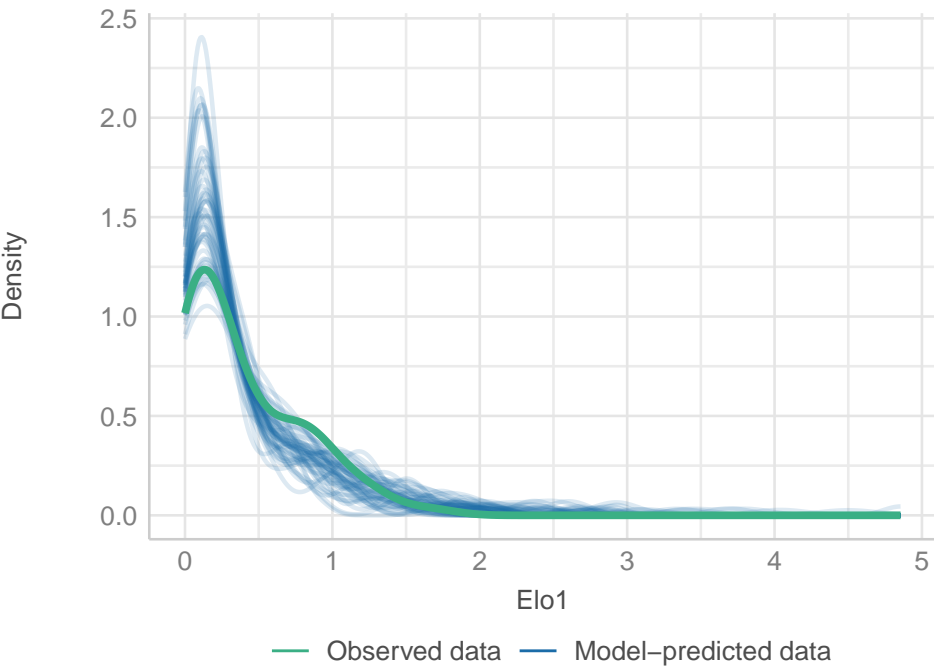
A. m. iberiensis



glm – Gamma(link = 'log'): Elo1 ~ Subspecies + Task

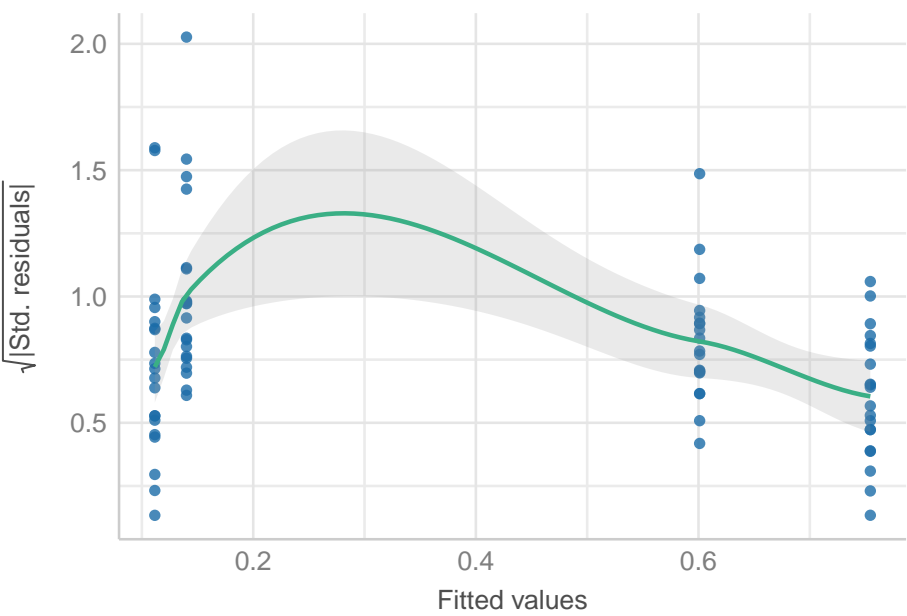
Posterior Predictive Check

Model-predicted lines should resemble observed data line



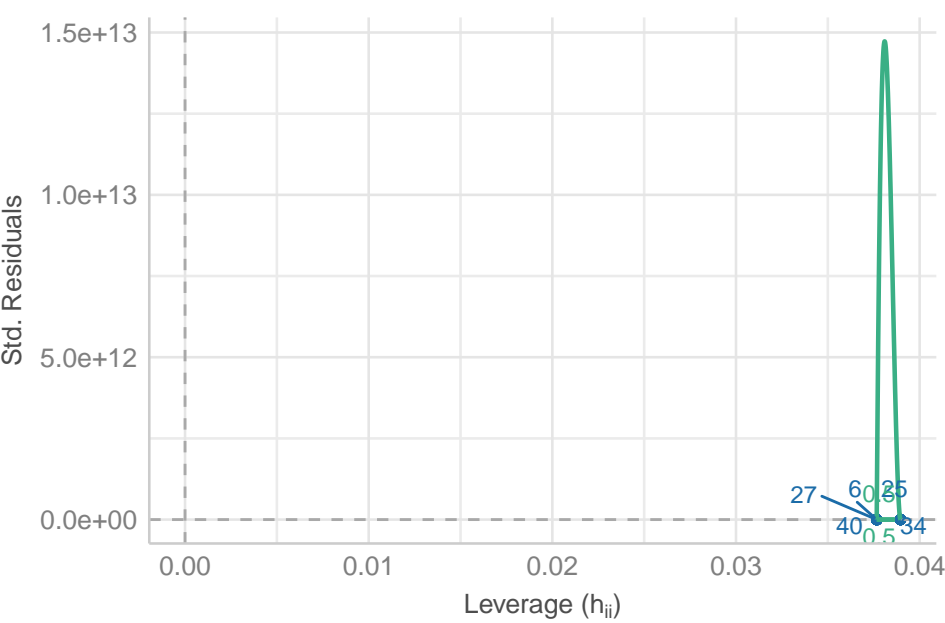
Homogeneity of Variance

Reference line should be flat and horizontal



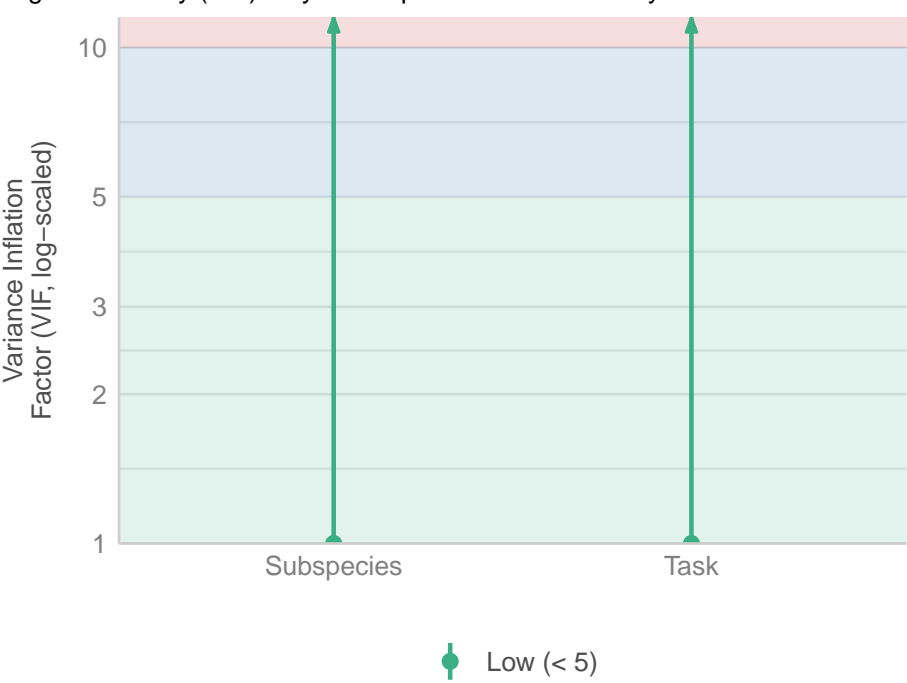
Influential Observations

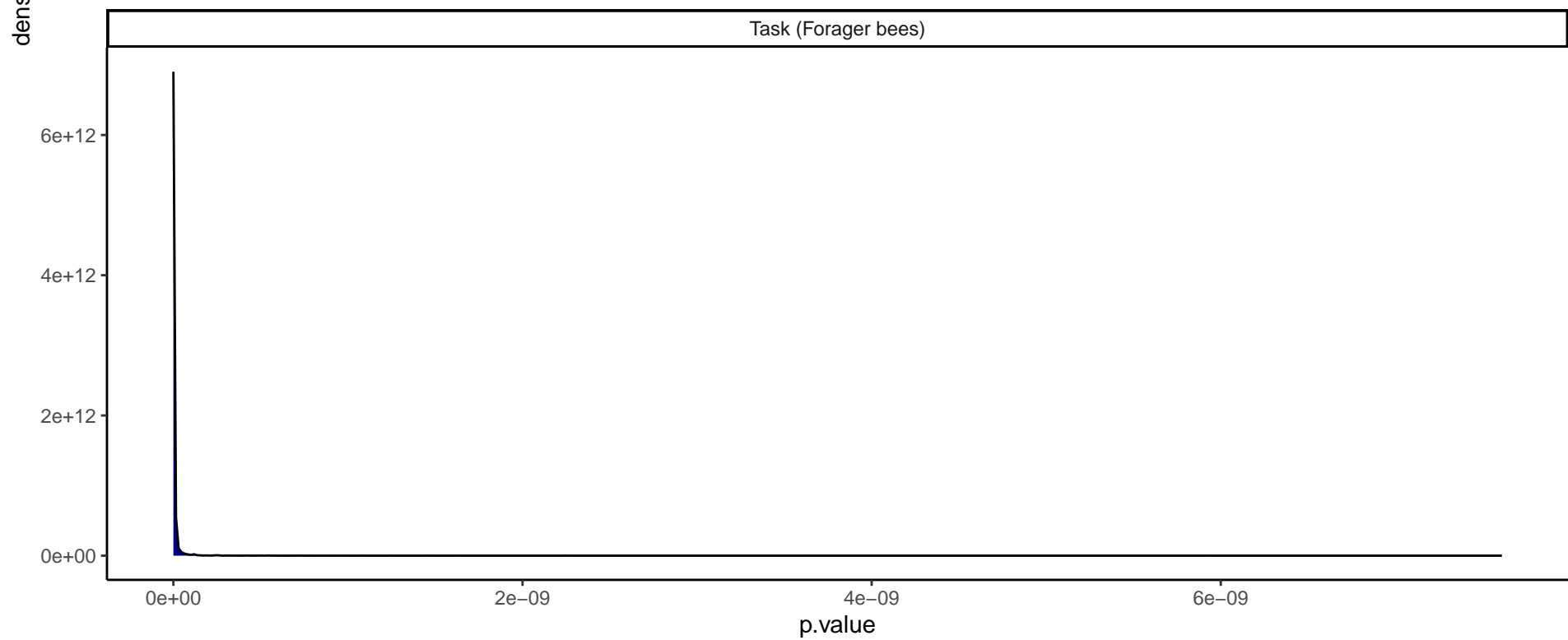
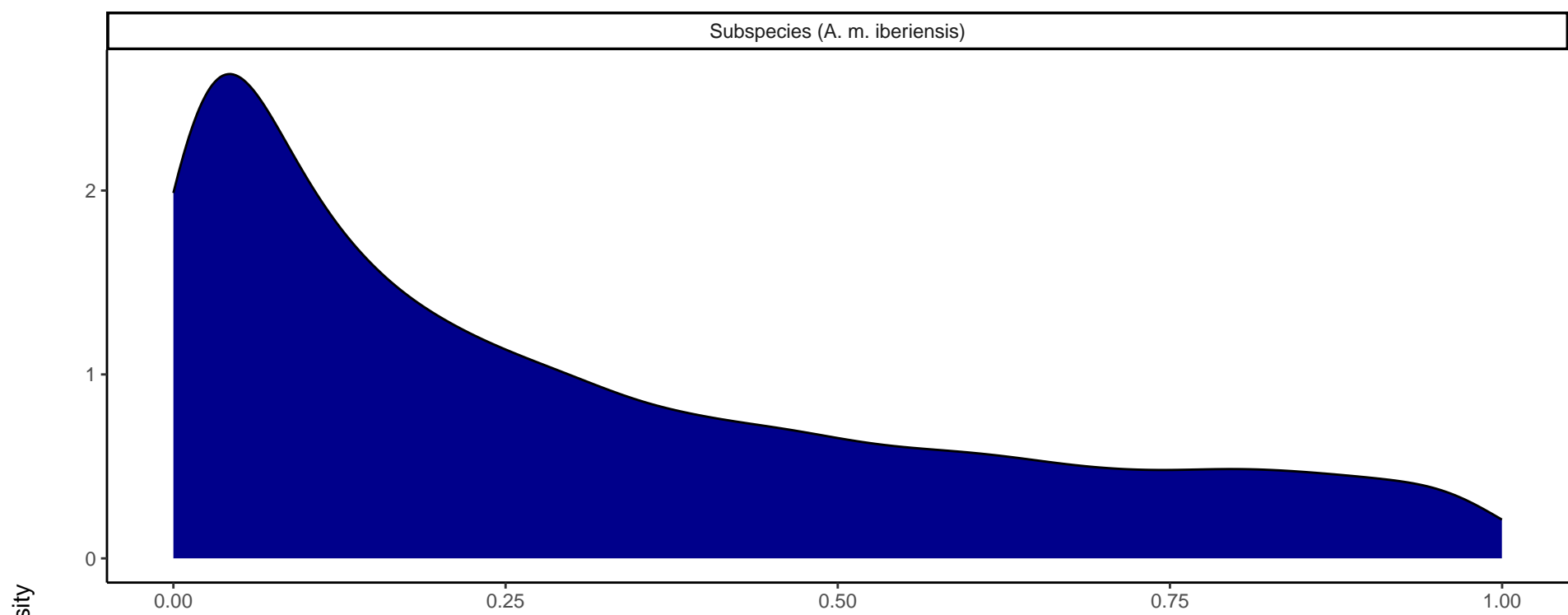
Points should be inside the contour lines

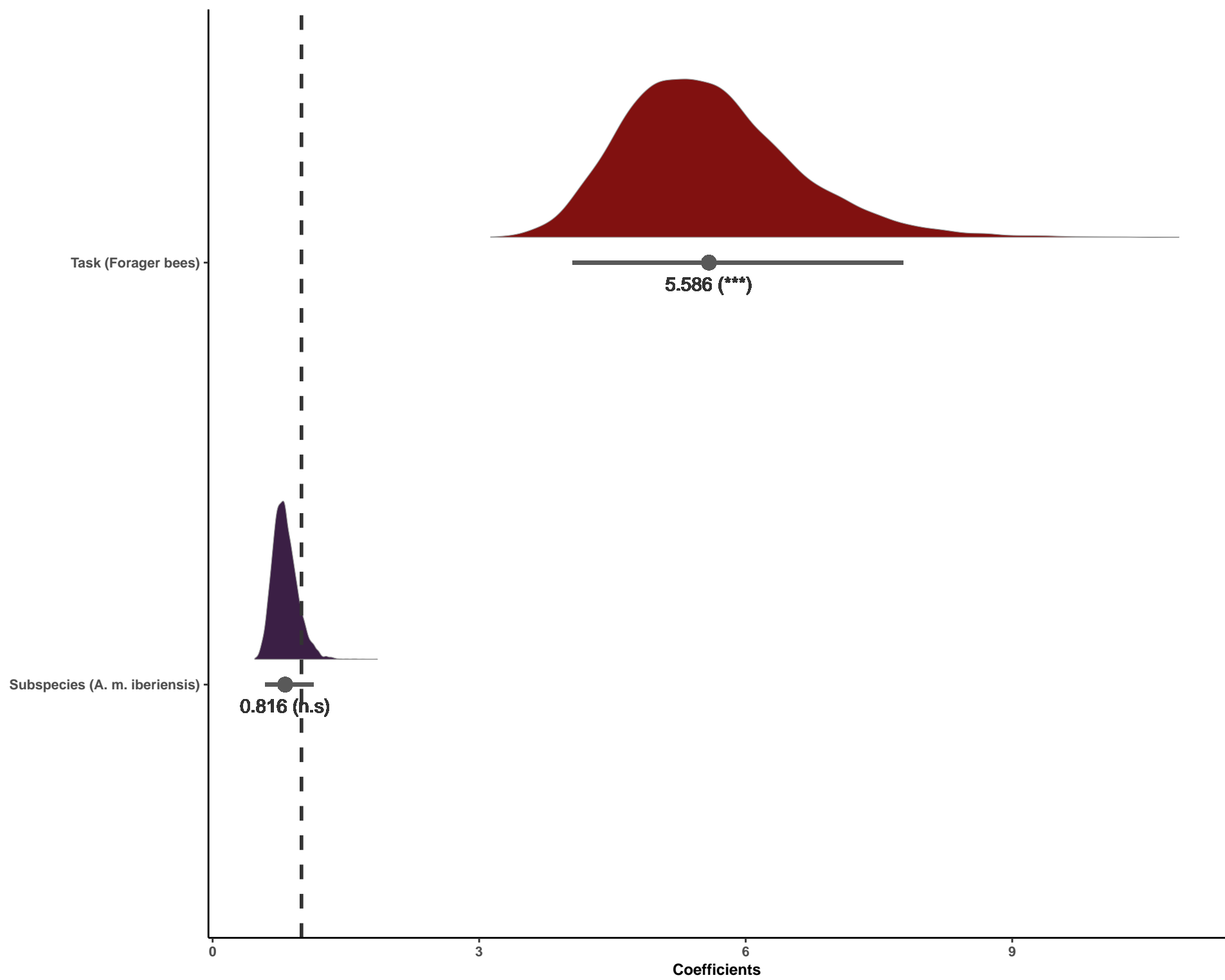


Collinearity

High collinearity (VIF) may inflate parameter uncertainty

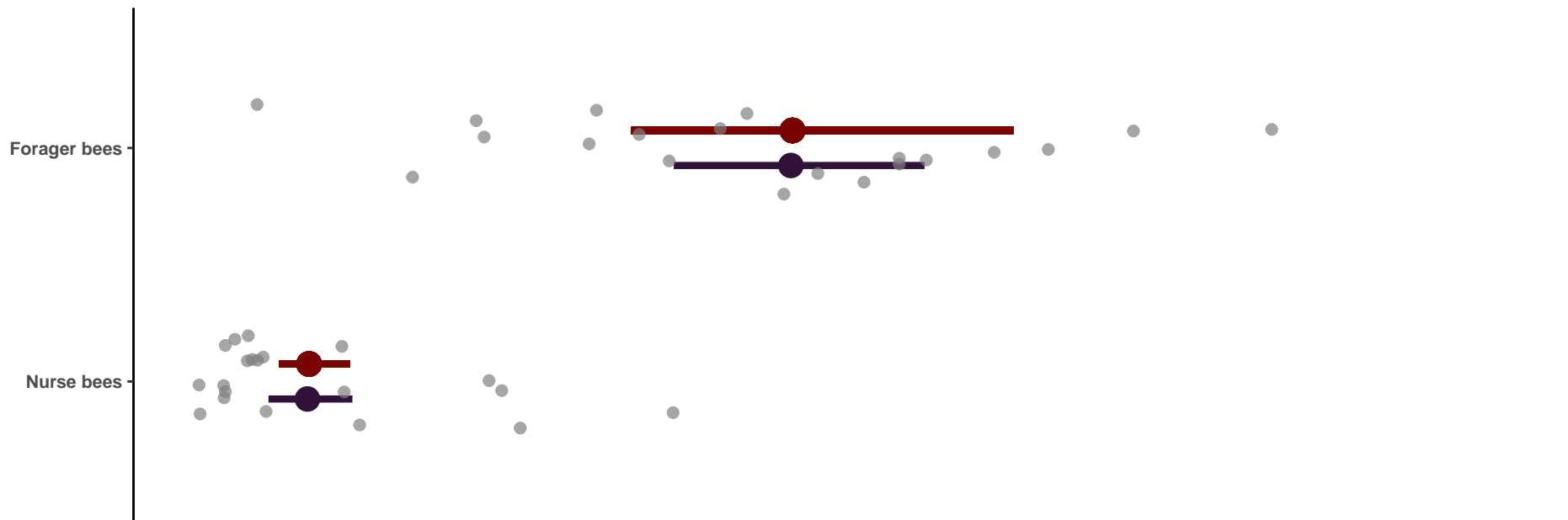




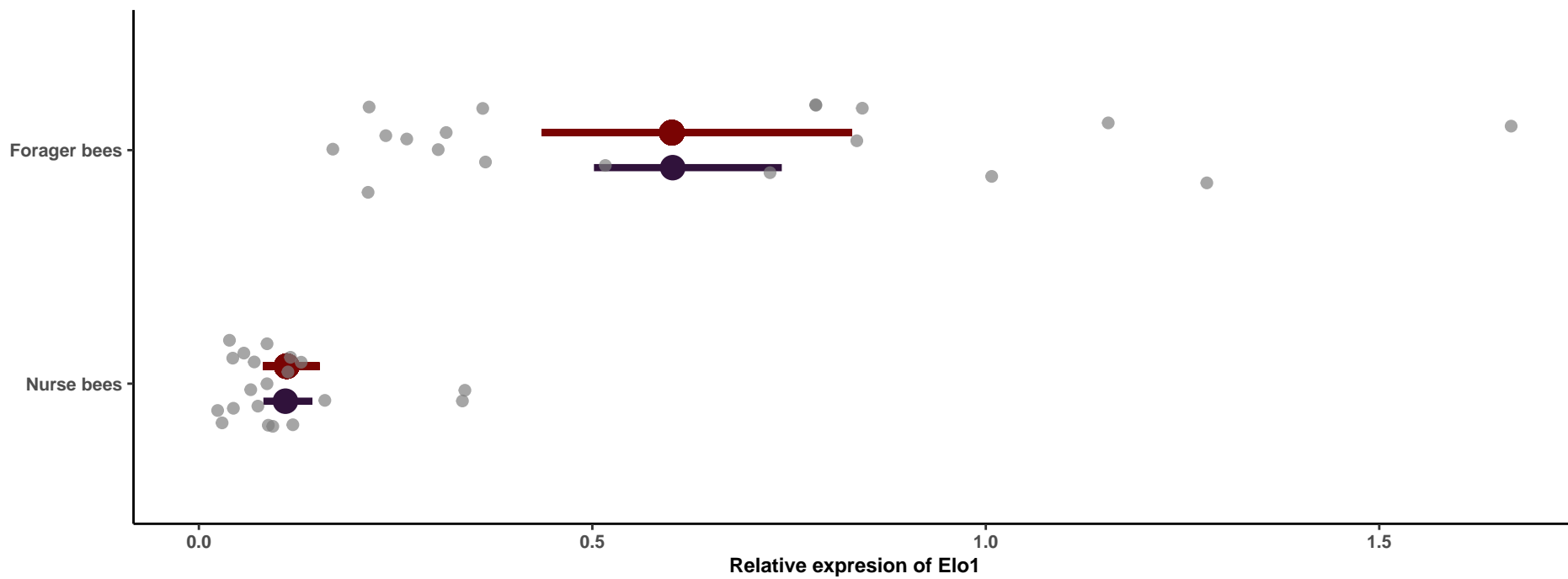


model ● bootstrapped ● glm

A. m. carnica



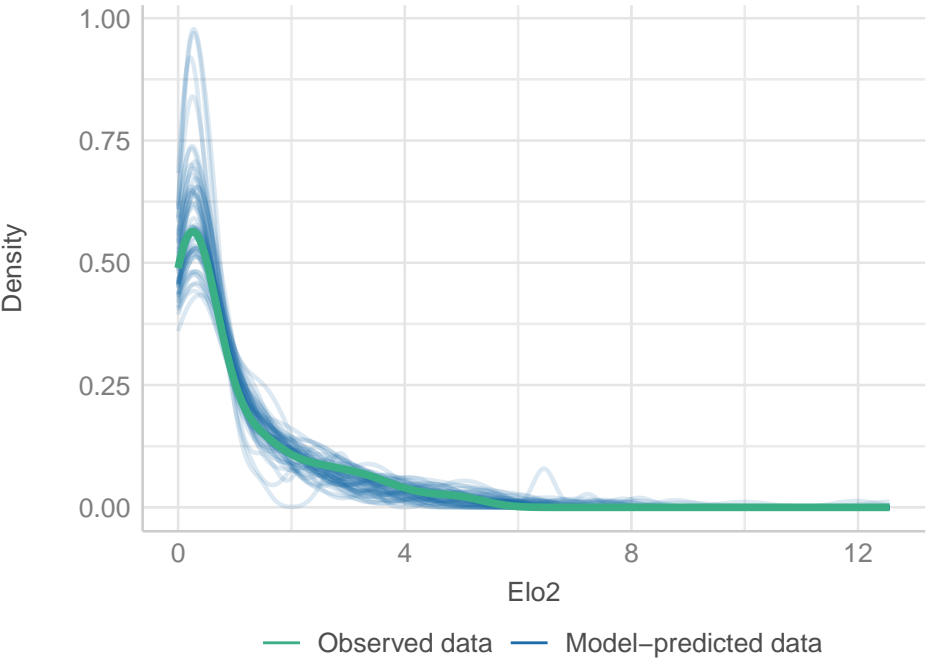
A. m. iberiensis



glm – Gamma(link = 'log'): Elo2 ~ Subspecies + Task

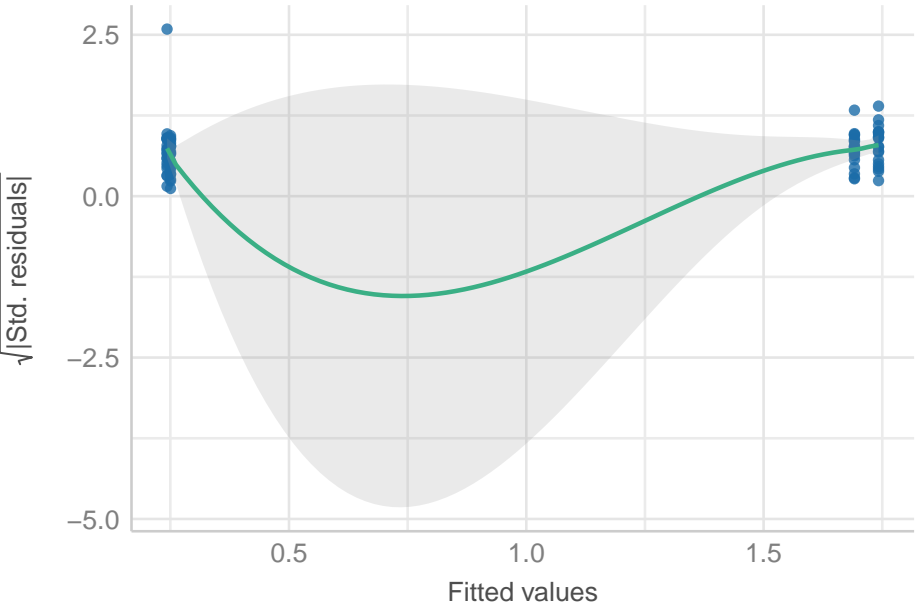
Posterior Predictive Check

Model-predicted lines should resemble observed data line



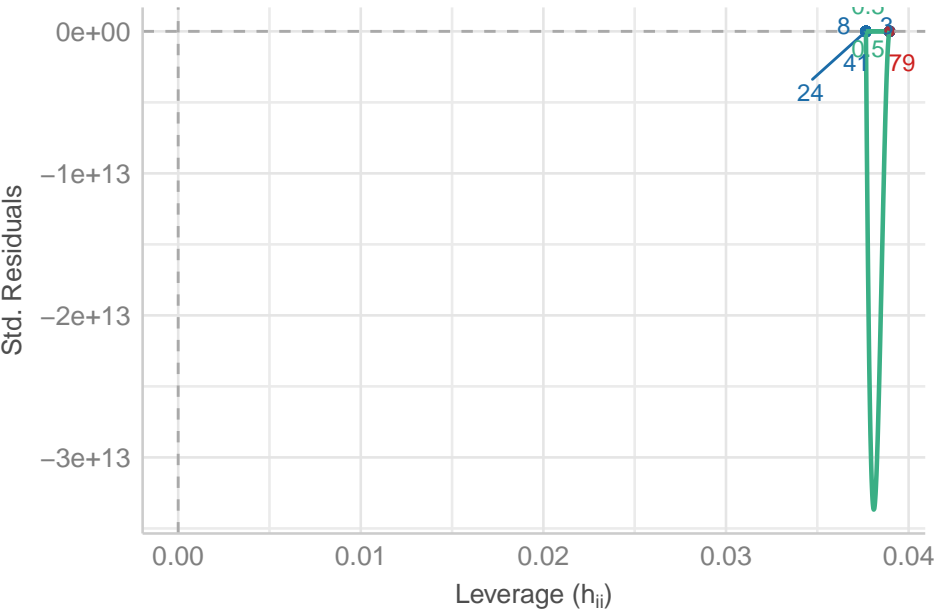
Homogeneity of Variance

Reference line should be flat and horizontal



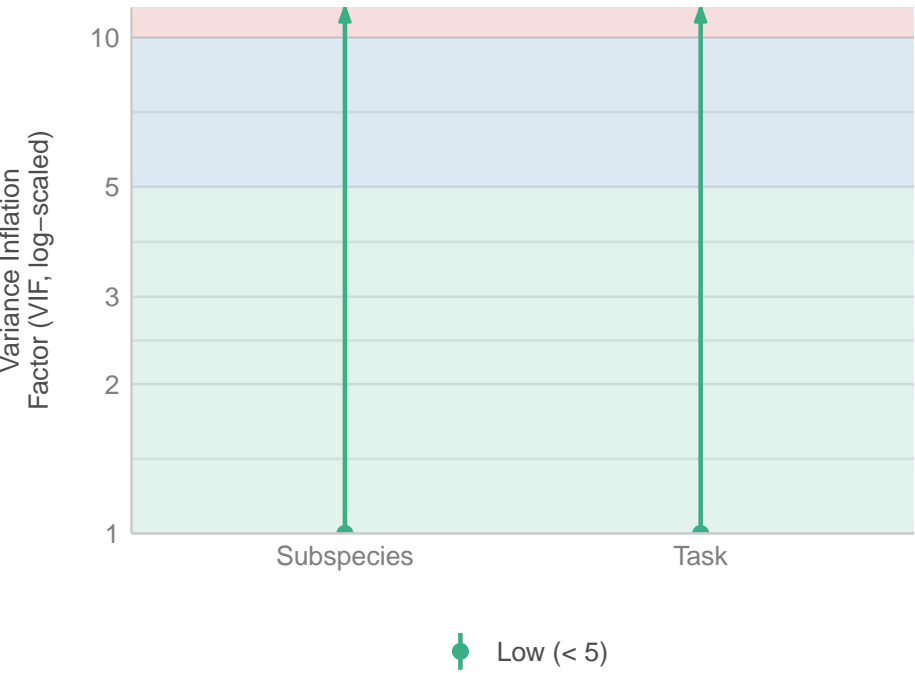
Influential Observations

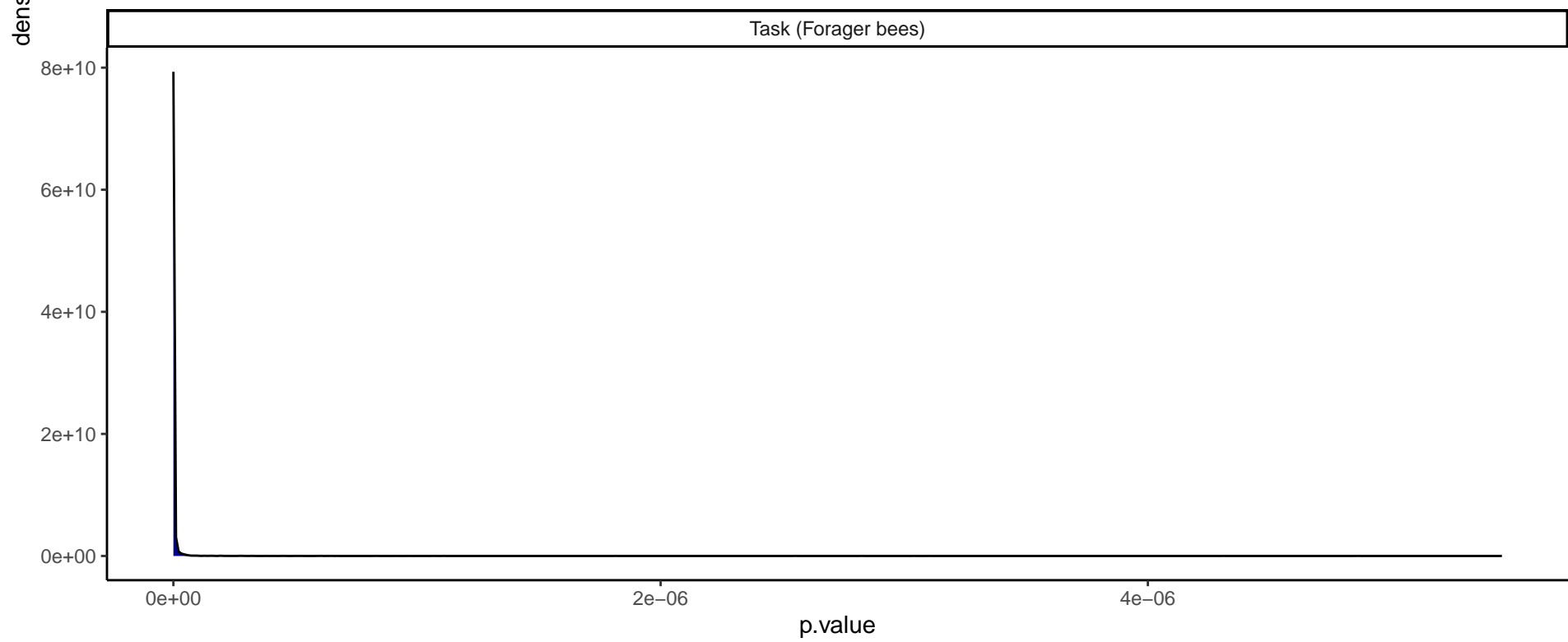
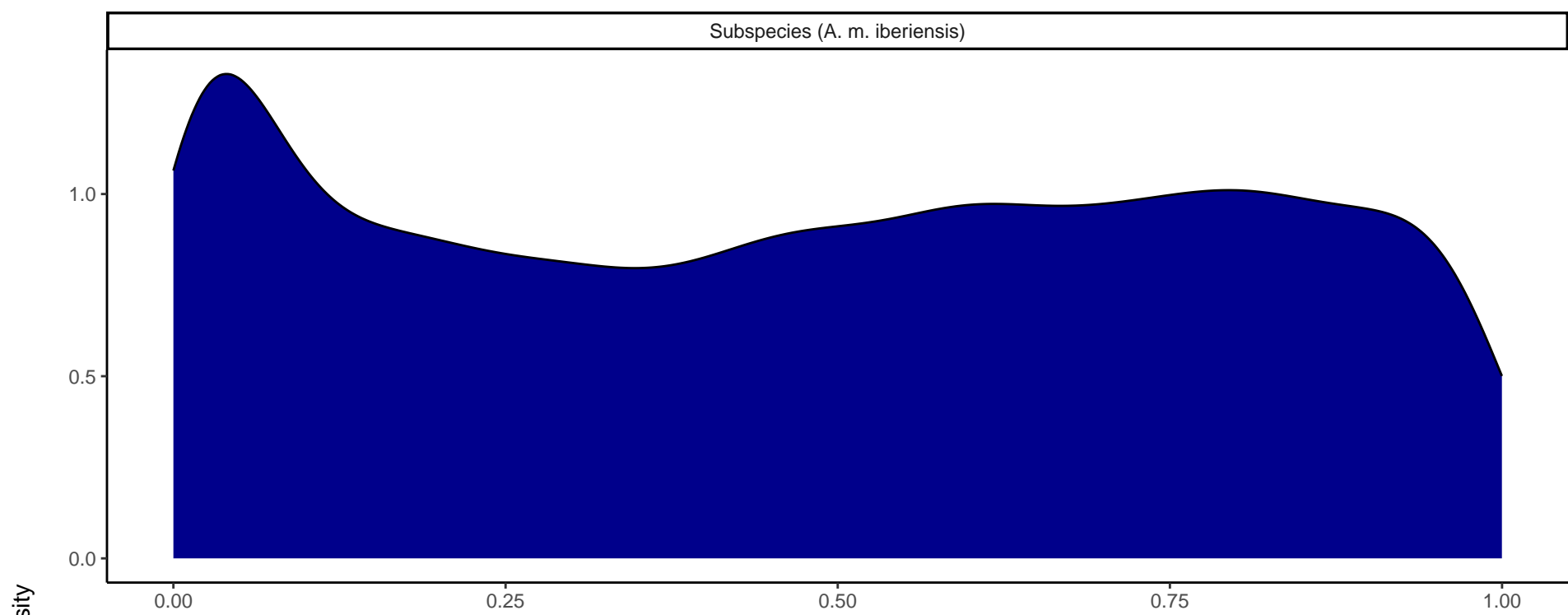
Points should be inside the contour lines

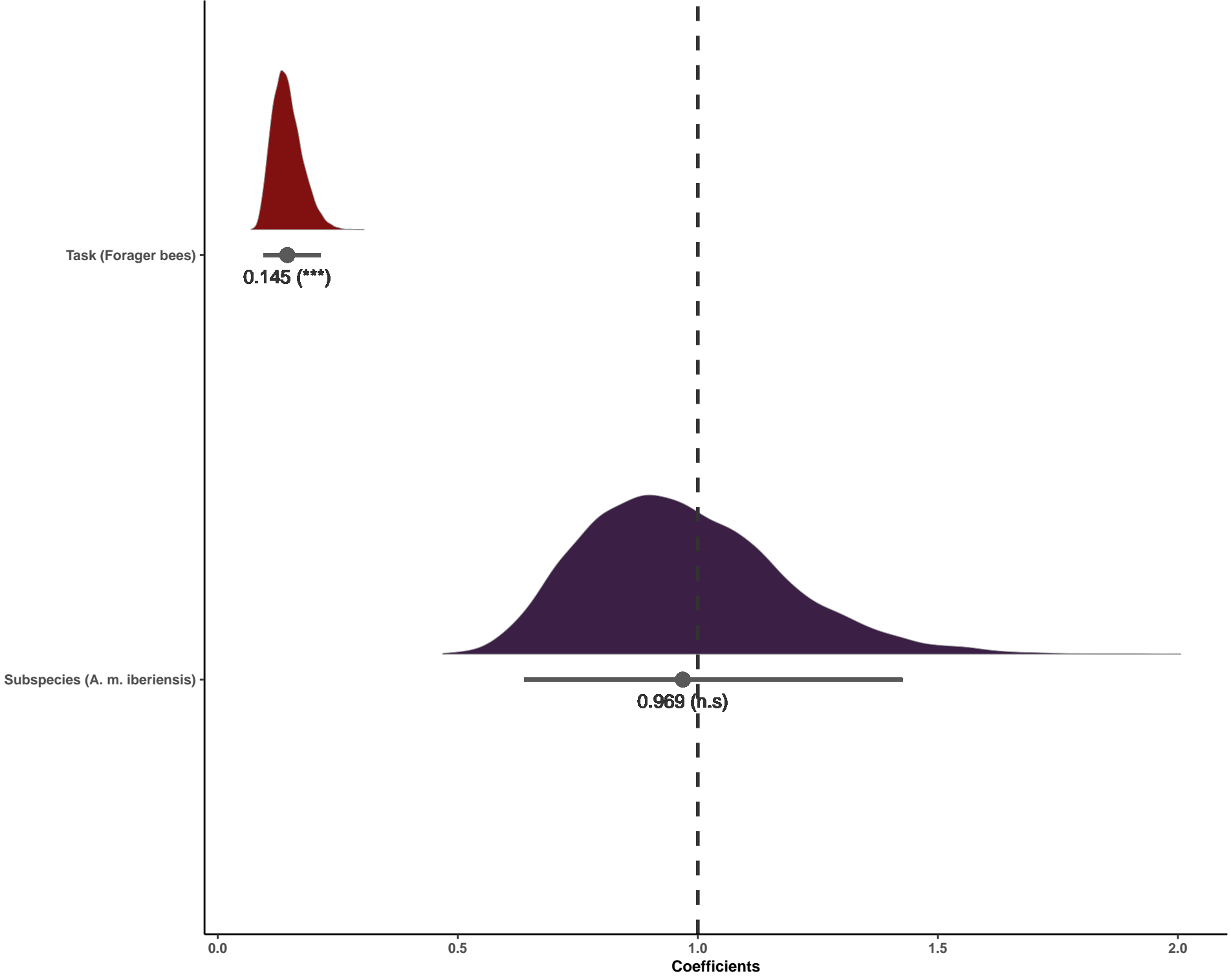


Collinearity

High collinearity (VIF) may inflate parameter uncertainty

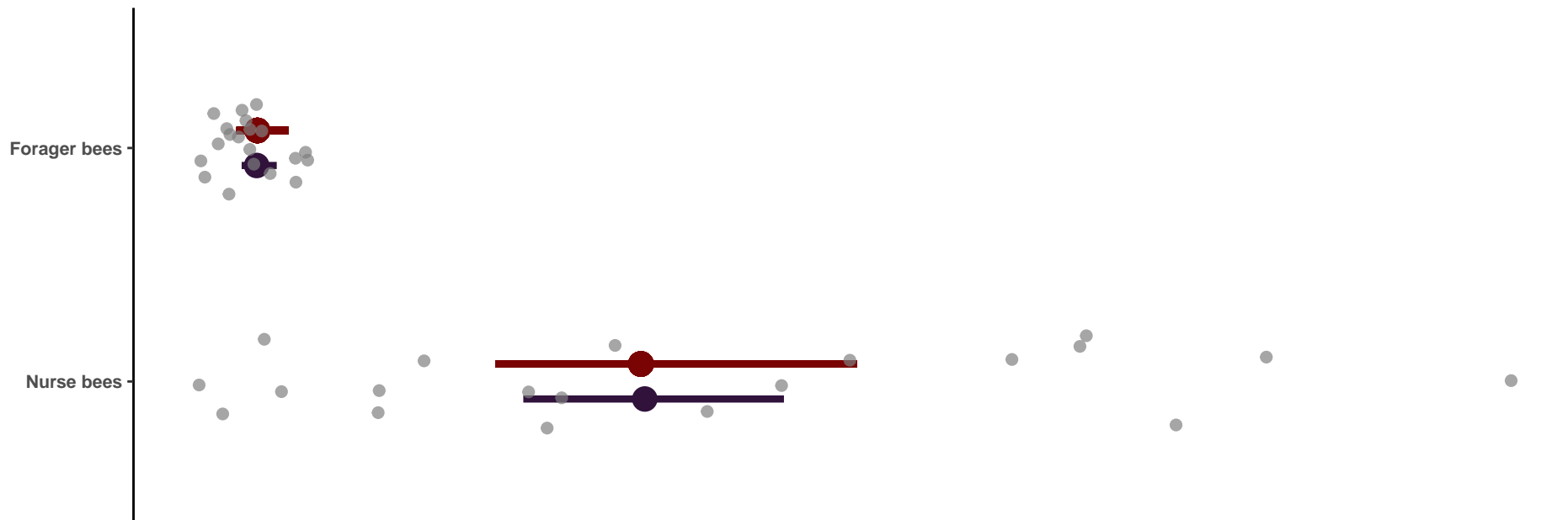






model ● bootstrapped ● glm

A. m. carnica



A. m. iberiensis

