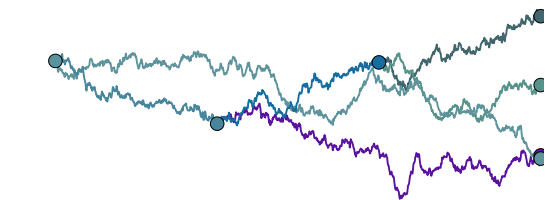
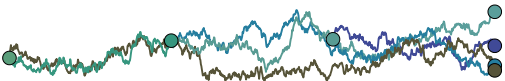


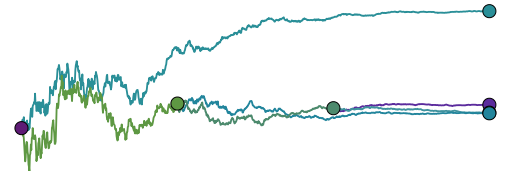
Wandering change
(Brownian motion)



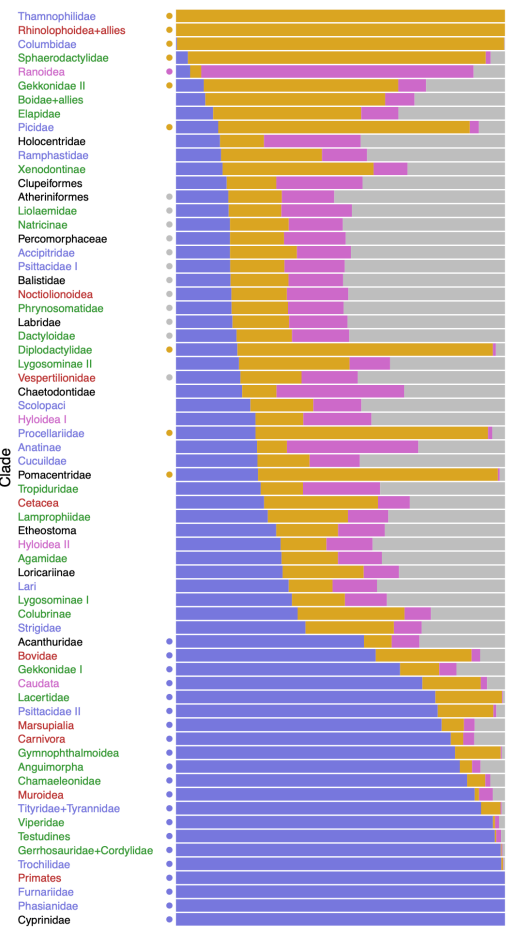
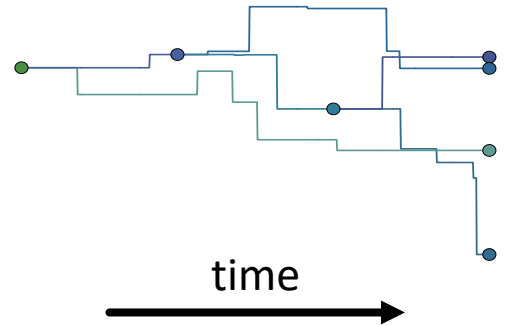
Stationary change
(Ornstein-Uhlenbeck)



Explosive change
(Early Burst)



Pulsed change
(Lévy)



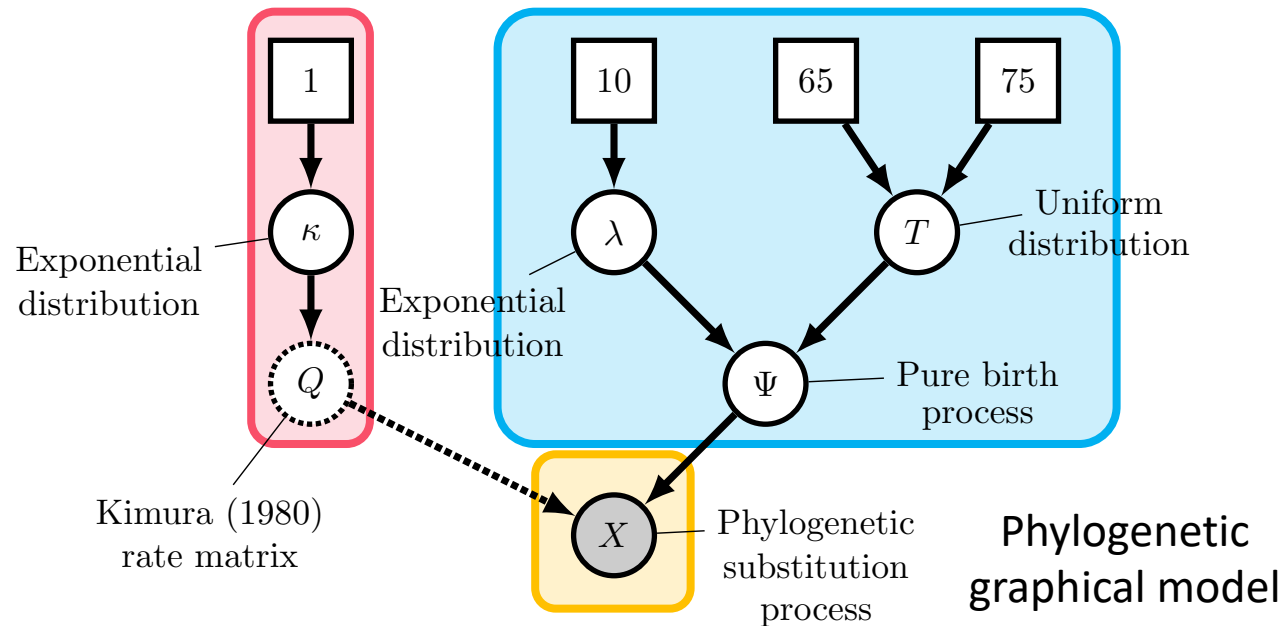
model support (AICc weights)

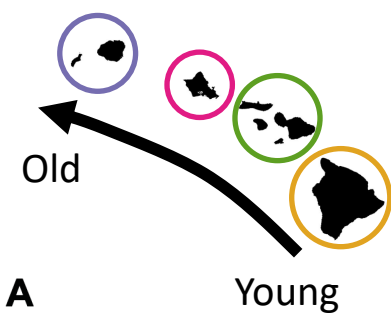
```

# pure birth prior and hyperpriors
birth ~ dnExponential(10)
tree_age ~ dnUniform(65, 75)
tree ~ dnBDP(birth, tree_age, taxa)
# rate matrix
kappa ~ dnExponential(1)
Q := fnK80(kappa)
# phylogenetic substitution process
seq ~ dnPhyloCTMC(Q, tree, "DNA")
seq.clamp(data)

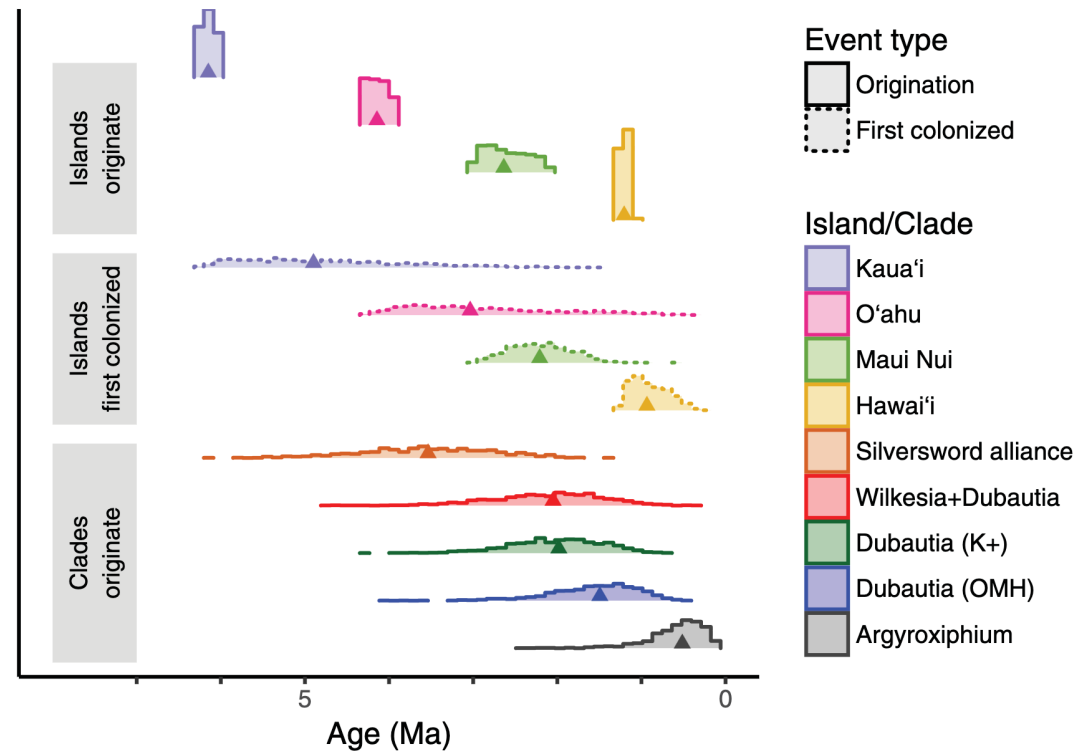
```

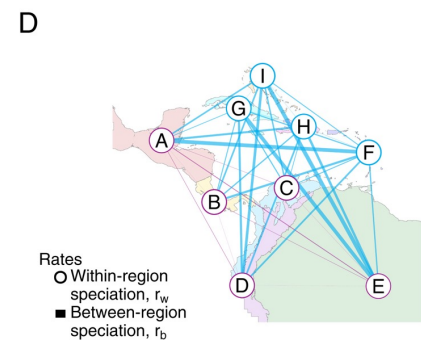
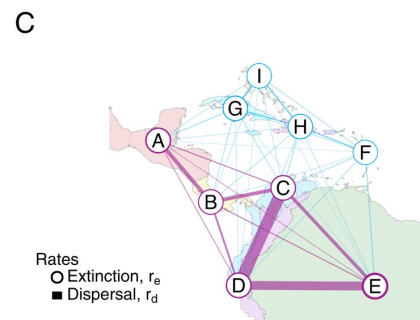
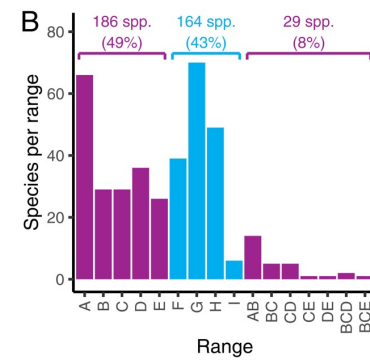
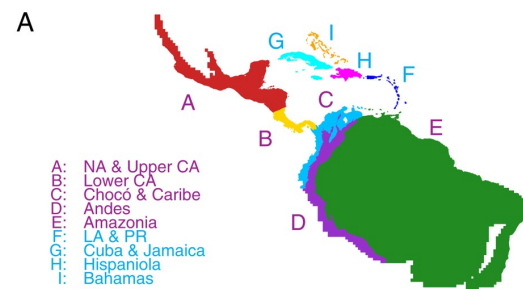
RevBayes code



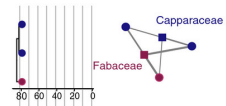


A

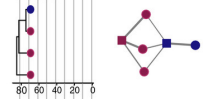




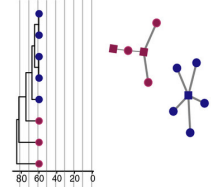
(a) 80 Ma



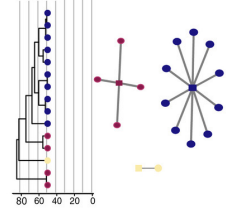
(b) 70 Ma



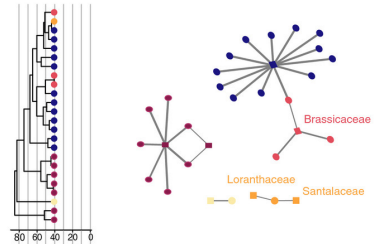
(c) 60 Ma



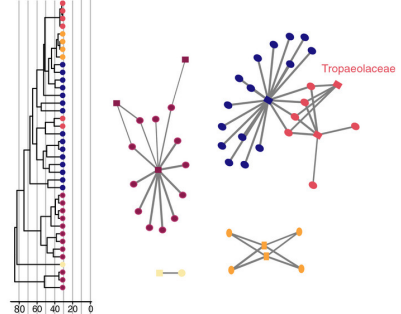
(d) 50 Ma



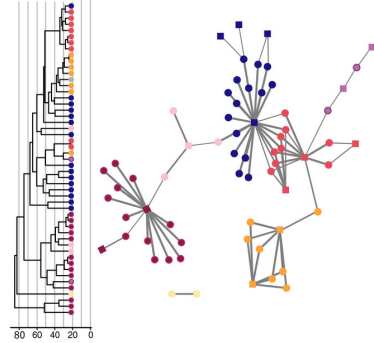
(e) 40 Ma



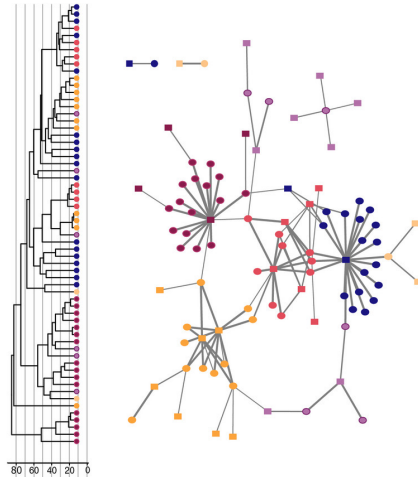
(f) 30 Ma



(g) 20 Ma



(h) 10 Ma



(i) 0 Ma

