phylogenetic_model_comparison

chundra

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In this notebook, we carry out model comparison for different models of rhythm evolution. We compare the following models:

We see that model 4 (a distributional OU model) is the best fit to the data, with > 90% of the stacking weight.

We validate this result for models fitted only on mammals within the phylogeny:

```
loos <- readRDS('frequency_loos_mammals.RDS')</pre>
loo_model_weights(loos)
## Method: stacking
##
          weight
## model1 0.000
## model2 0.022
## model3 0.053
## model4 0.925
as well as birds:
loos <- readRDS('frequency_loos_birds.RDS')</pre>
loo_model_weights(loos)
## Method: stacking
## -----
##
          weight
## model1 0.000
## model2 0.000
## model3 0.000
```