The data

AND/OR

0101... ATTG... 1101... TTGC... 0100... ATTC...



Phylogenetic characters

Fossil ages

Tripartite model components





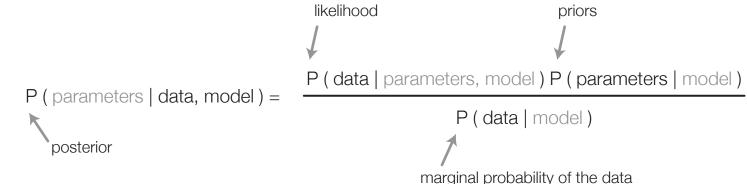




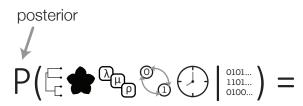
Substitution model

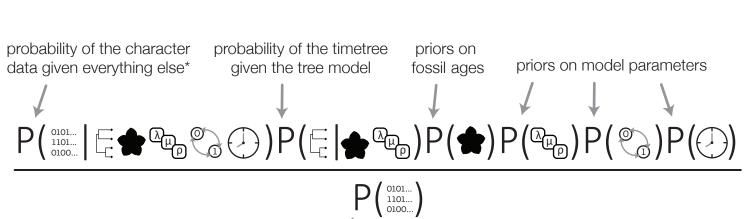
Clock model Tree and tree model

Bayes' theorem



Putting everything together





marginal probability of the data