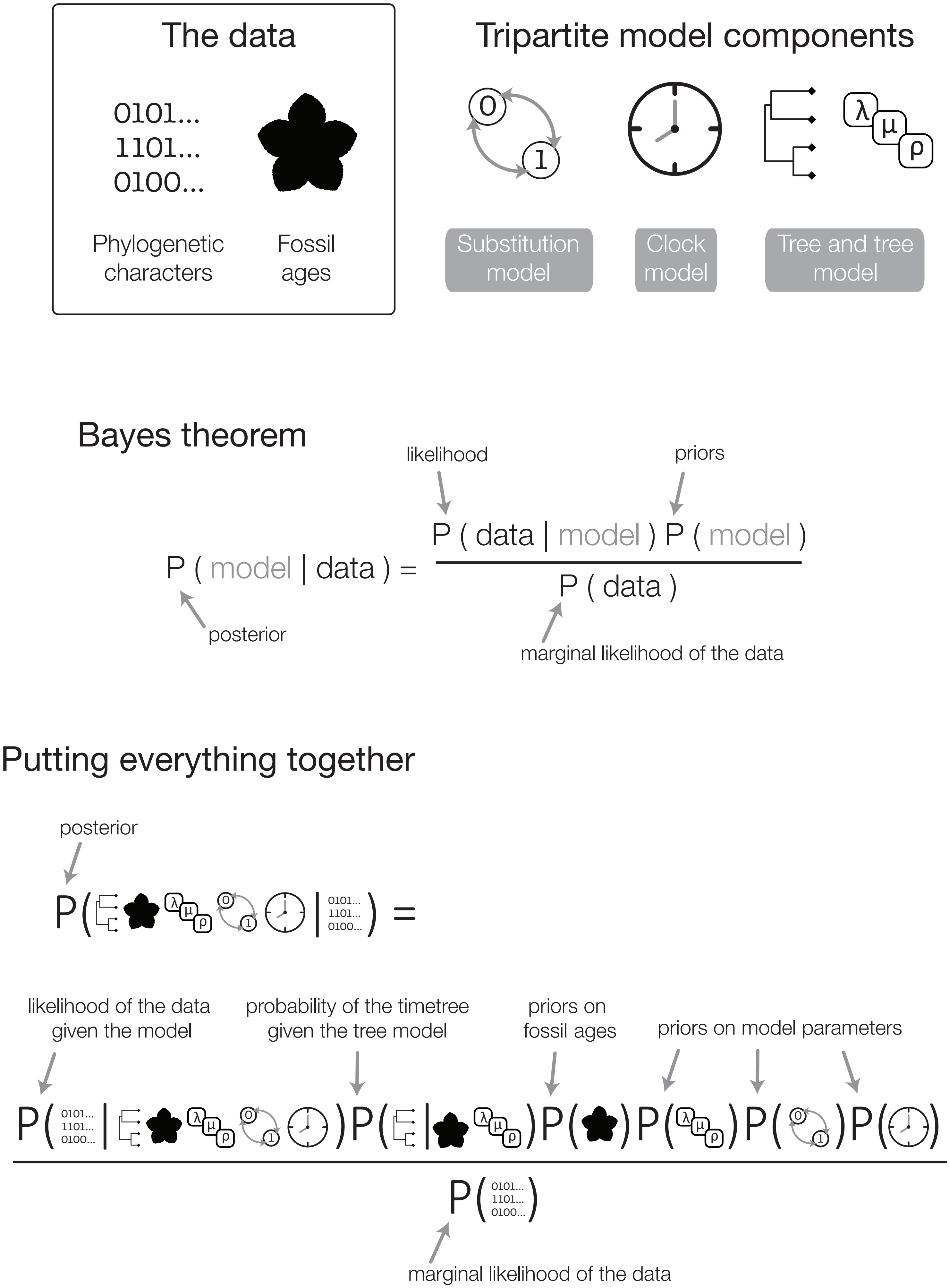
The data
0101...
1101...
0100...
Phylogenetic characters
Fossil ages
Tripartite model components
0
1
λ
μ
ρ
Substitution model
Clock model
Tree and tree model
Bayes theorem
likelihood
priors
P (data | model) P (model)
P (model | data) =
P (data)
posterior
marginal likelihood of the data
Putting everything together
posterior
likelihood of the data given the model
probability of the timetree given the tree model
priors on fossil ages
priors on model parameters
marginal likelihood of the data