

babette: BEAST2 from R



babette is an R package to work with BEAST2

- 1) configure and run BEAST2
- 2) analyze BEAST2 results

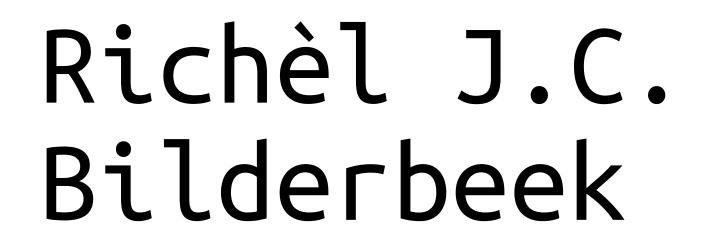
BEAST2 is a popular and versatile Bayesian phylogenetics tool. BEAST2 is accompanied by multiple graphical user interface tools. Clicking through each of these tools is tedious and error prone. babette is an R package replaces all these tools in a userfriendly way

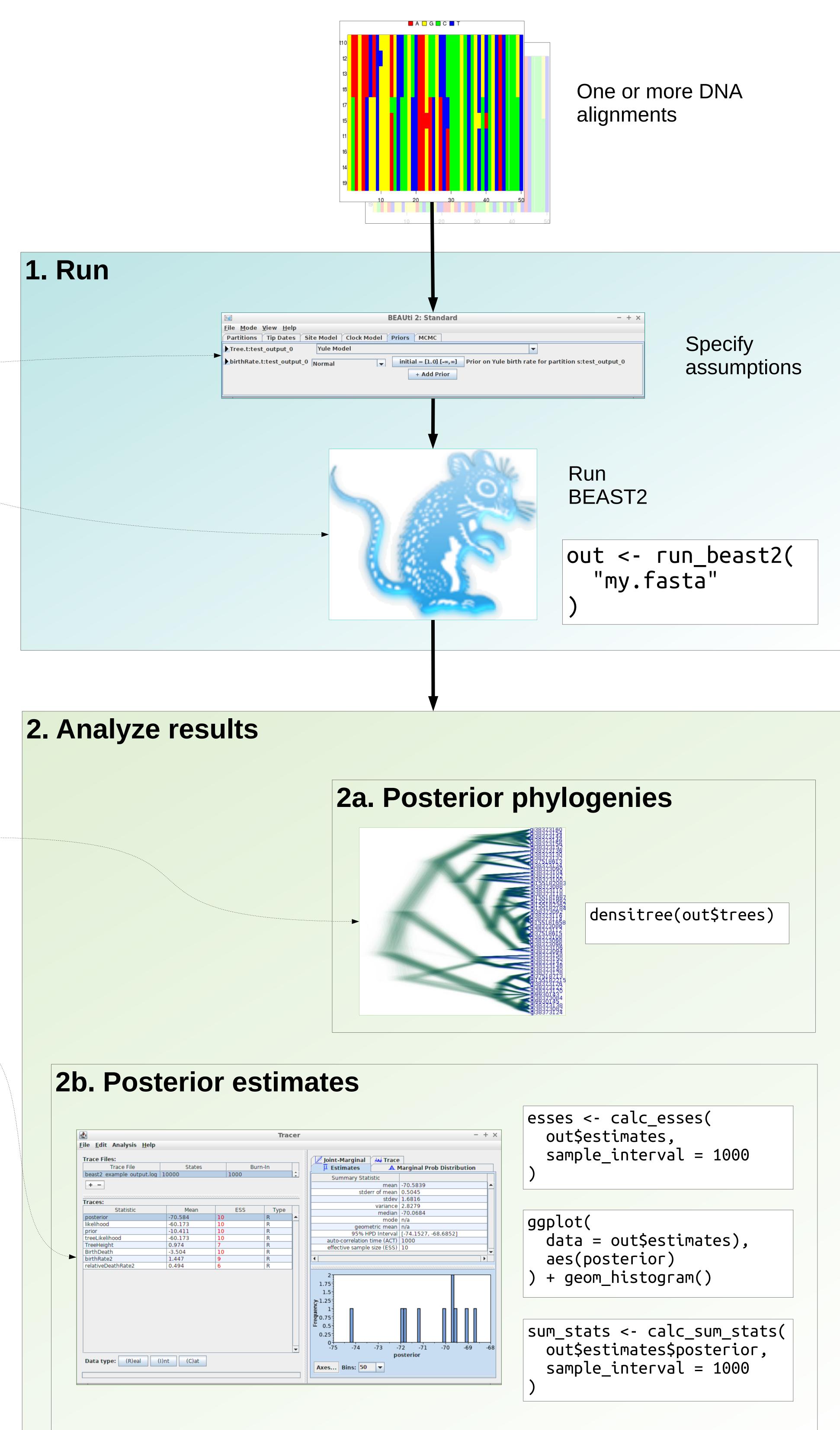
BEAUti is a graphical user interface tool to create a BEAST2 configuration file. It is used to select one or more alignments, site models, clock models, tree priors and prior distributions. babette can do the same from an R function call. This allows iteration over multiple alignments, site models, clock models, tree priors and prior distributions. Novel: only in babette, posterior crown age can be fixed

> **DensiTree** is a graphical user interface tool to view posterior's phylogenies. babette gives access to those phylogenies directly and supplies the same visualization

Tracer is a graphical user interface tool to view posterior parameter estimates. babette gives access to these values directly and allows to calculate the same statistics from an R function call. This allows for scripted posterior quality assessment, inference on summary statistics of multiple runs, and plotting your data in your own funky way

> babette does the same as these four tools combined, from R







(F) https://github.com/richelbilderbeek/babette