

Demo of BEAST2 for divergence time estimation

Dr. Tracy Heath has graciously allowed Mark to present a demo based on her BEAST lab.

We won't have time for a full lab in which each student works through the steps on his/her own. However if you want to go through each step on your own, you'll find the materials at:

<http://treethinkers.org/divergence-time-estimation-using-beast/>

The steps that Mark will demonstrate are described in:

http://phyloworks.org/workshops/DivTime_BEAST2_tutorial_FBD.pdf

That document also has a very nice, detailed description of the options and a great discussion of the issues surrounding divergence time estimation.

The data is at:

<http://treethinkers.org/wp-content/uploads/2013/04/data1.zip>

The demonstration will use the software:

BEAST2: <http://www.beast2.org/>

FigTree <http://tree.bio.ed.ac.uk/software/figtree/>

Tracer: <http://tree.bio.ed.ac.uk/software/tracer/>