

Phylogenetic inference from data

Emily Jane McTavish

Life and Environmental Sciences
University of California, Merced

`ejmctavish@ucmerced.edu`, `twitter:snacktavish`

(With thanks to Jeet Sukumaran for the exercise)

An Exercise: Writing and Viewing a Tree by Hand

- 1 Make sure you have:
 - ▶ A *good* text editor installed.
 - ▶ *FigTree* (or some other tree visualizer of choice).
- 2 Create a subdirectory for all our labs, e.g. `"$HOME/projects/GradPhylo"`.
- 3 Create a work subdirectory within this directory for this particular lab, e.g. `"lab-2020-01-249"`.
- 4 Create a simple Newick tree file using a text editor, e.g. `"simple.newick"`.
- 5 Visualize it in *FigTree*.
- 6 Export as a NEXUS file.
- 7 Open this second file in a text editor and change the tip labels.
- 8 Visualize it again.