

Advanced Methods In Biostatistics IV – Reading Assignment 4
Due: May 3rd 10:30AM

Read the paper by Felsenstein (1985) available from the class website

Briefly Answer Each of These Questions:

- (1) The main contribution of this paper is the application of a statistical method (the bootstrap) to the analysis of a specific data type (phylogenetic data). Why do you think this paper is so highly cited?
- (2) What is a phylogeny?
- (3) What is the algorithm for bootstrapping a phylogeny? How is this different than bootstrapping for a parameter from a simple random sample?