Katie’s Lecture – Biogeography

Do organisms evolve mainly through speciation events (vicariance), or dispersal

Parametric (maximum likelihood) vs non-parametric (parsimony)

Anagenesis (evolution of species within a population, along a branch) vs cladogenesis (evolution at a node on a tree, splitting)

Dispersal, extinction event rates are the basis for the DEC model

Matzke paper: DEC model for biogeography with an added variable

SSE models are trait-based (next week’s lecture)