1. Why do most LTT plots show an increase in slope near the present (“pull of the present”).
2. Sampling of extant lineages that will likely go extinct
3. Extinction was higher in the past
4. Speciation rates are increasing
5. None of the above
6. Phylogenies characterize the covariance that we should expect among species.

TRUE

1. Independent contrasts offer a solution to make our data independent of the phylogeny.

TRUE

1. The birth-death model produces trees with very little variance in the number of species

FALSE

1. Which is a model of discrete trait evolution that can be applied to both DNA and traits
2. Brownian Motion
3. OU models
4. MCMC
5. Markov Model