

Using a constant-time coalescent prior model for tree evolution, we performed Bayesian inferences on three datasets, previously used by Chang et al. in a similar study. Our analyses yielded a median root age of 6008 years for the Broad dataset (see above), 7692 years for the Medium dataset, and 6307 years for the Narrow dataset. We therefore re-affirm the conclusion of Chang et al. that the Steppe hypothesis is the most plausible.

Dyr, a Program for Bayesian Inference of Language Phylogenies

Durham University

Department of Computer Science