1. The RNN and CNN with lineage through time (LTT) plots as input
   1. Describe the input to the networks.
   2. Describe the network architectures.
   3. Are these networks competitive under the constant-rate birth death (CRBD) model, and do the authors put forth any hypotheses as to why or why not?
   4. Are these networks competitive under the BiSSE model, and do the authors put forth any hypotheses as to why or why not?
2. The DNN (a fully connected neural network) with summary statistics as input
   1. Describe the input to the networks.
   2. Describe the network architectures.
   3. Are these networks competitive under the constant-rate birth death (CRBD) model, and do the authors put forth any hypotheses as to why or why not?
   4. Are these networks competitive under the BiSSE model, and do the authors put forth any hypotheses as to why or why not?
3. The CNN with the encoded phylogeny (CBLV) as input
   1. Describe the input to the networks.
   2. Describe the network architectures.
   3. Are these networks competitive under the constant-rate birth death (CRBD) model, and do the authors put forth any hypotheses as to why or why not?
   4. Are these networks competitive under the BiSSE model, and do the authors put forth any hypotheses as to why or why not?
4. The GNN with the phylogeny as input
   1. Describe the input to the networks.
   2. Describe the network architectures.
   3. Are these networks competitive under the constant-rate birth death (CRBD) model, and do the authors put forth any hypotheses as to why or why not?
   4. Are these networks competitive under the BiSSE model, and do the authors put forth any hypotheses as to why or why not?