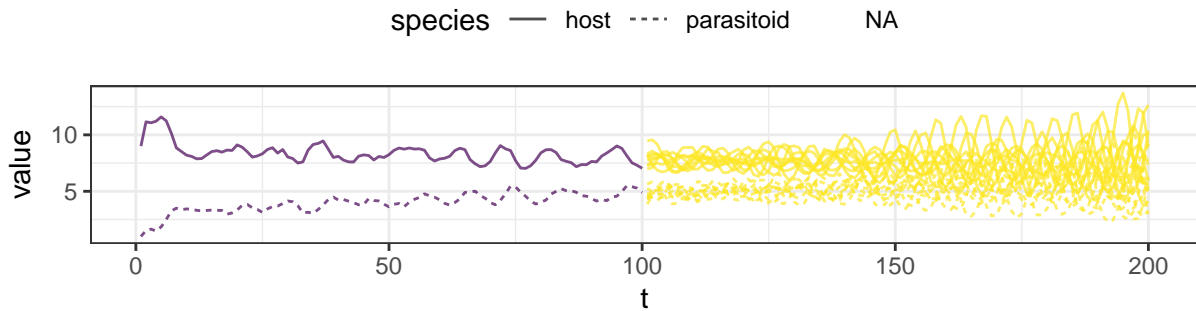
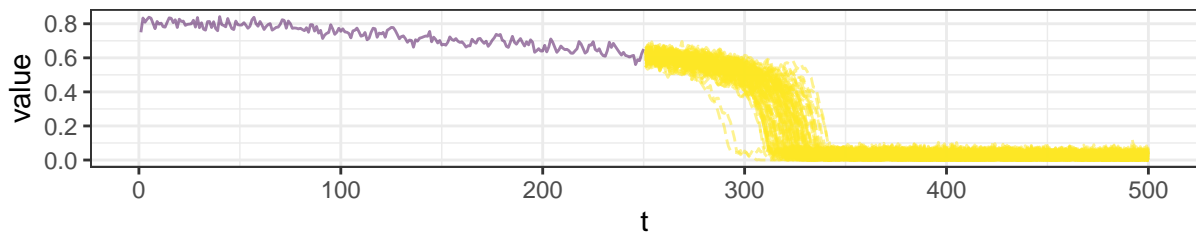


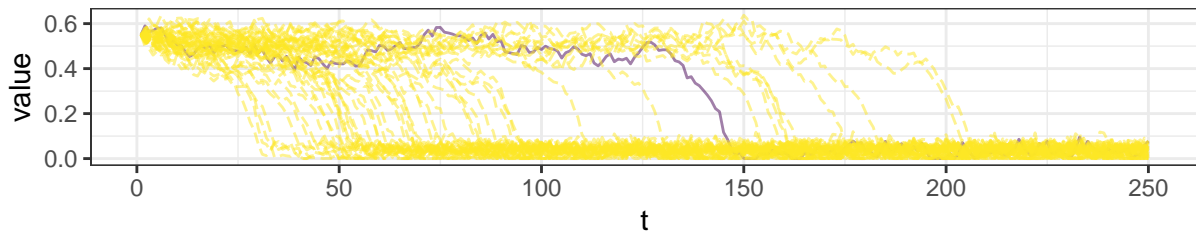
### A. Hopf bifurcation



### B. Saddle-node bifurcation



### C. Stochastic transition



type — historical - - - forecast — future ensemble