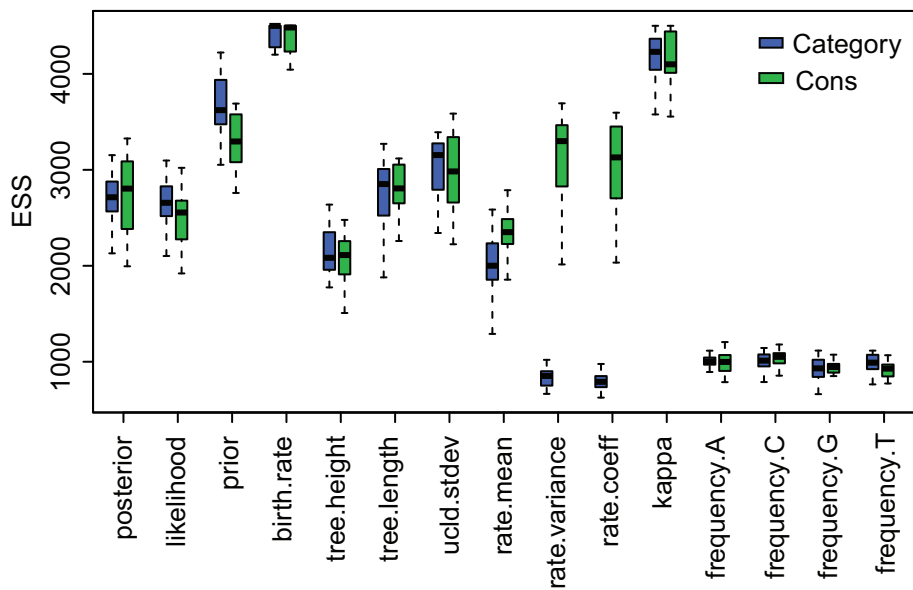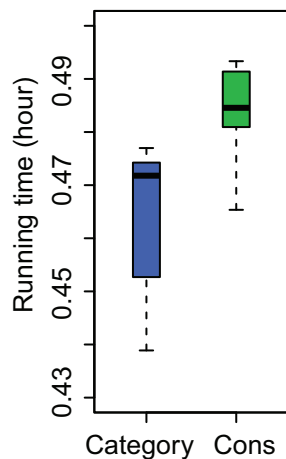Simulated data with 500 sites

Simulated data with 1000 sites