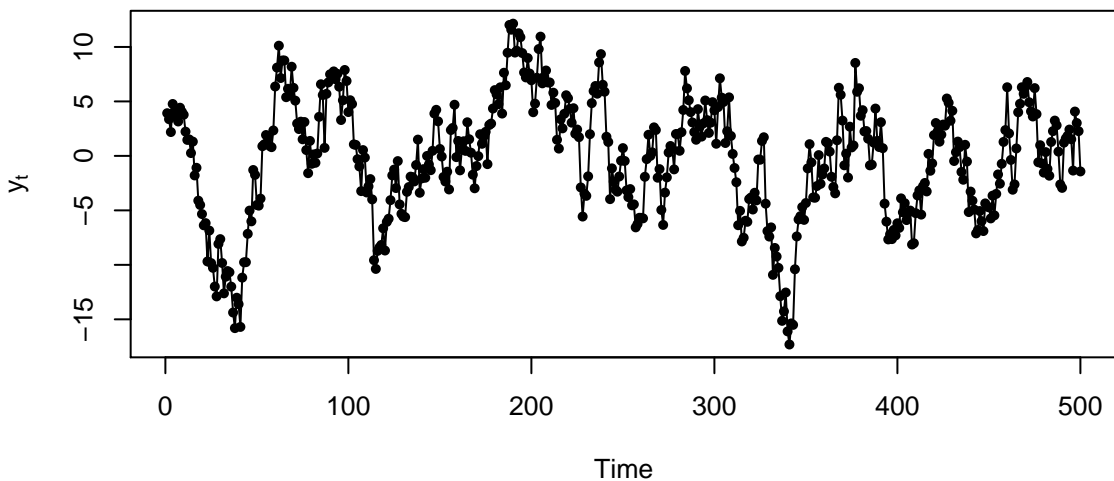
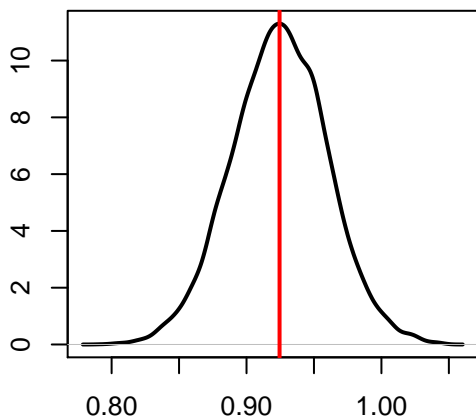


## Simulated data



### Posterior for $\rho$



### Posterior for $\sigma^2$

