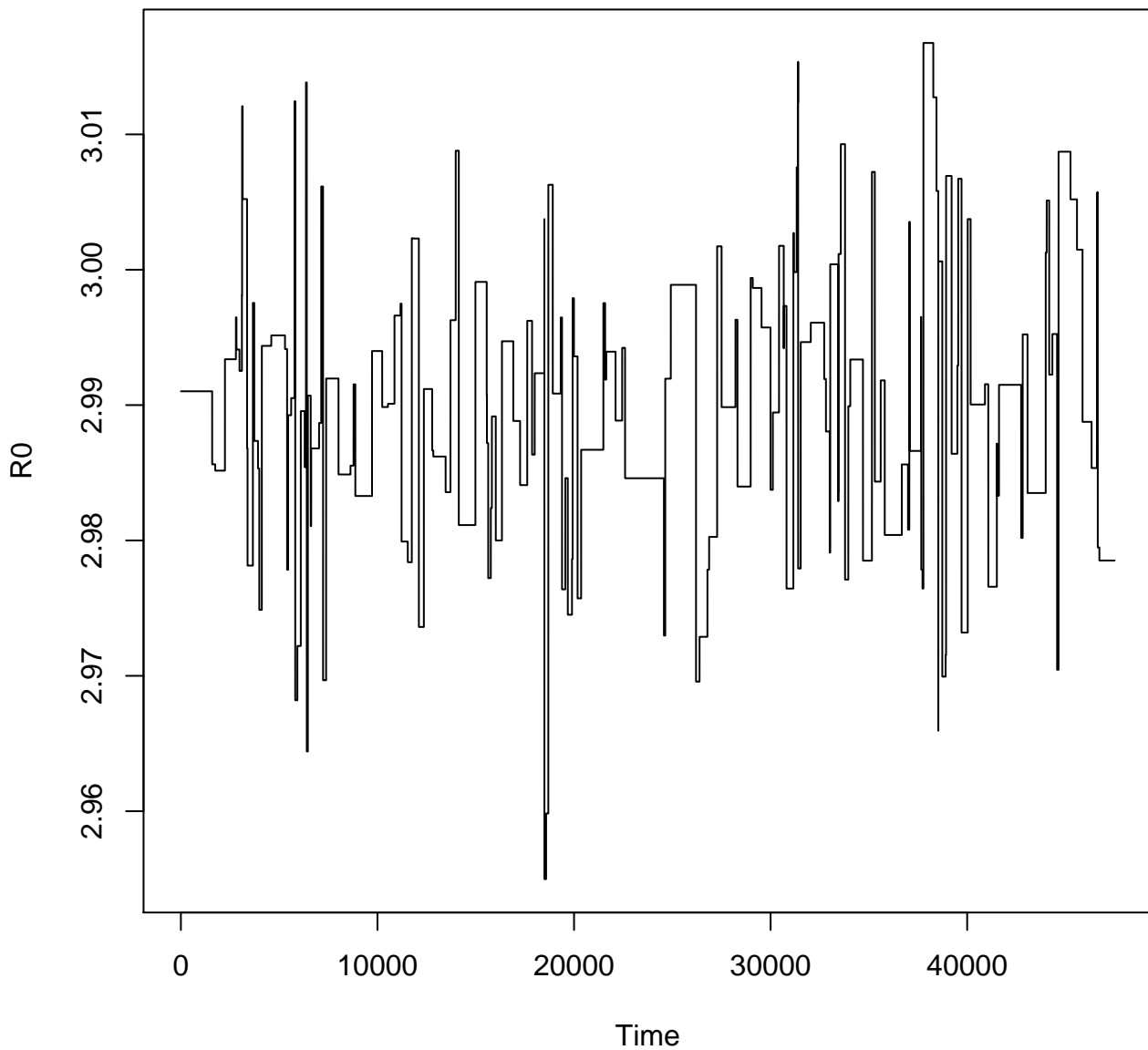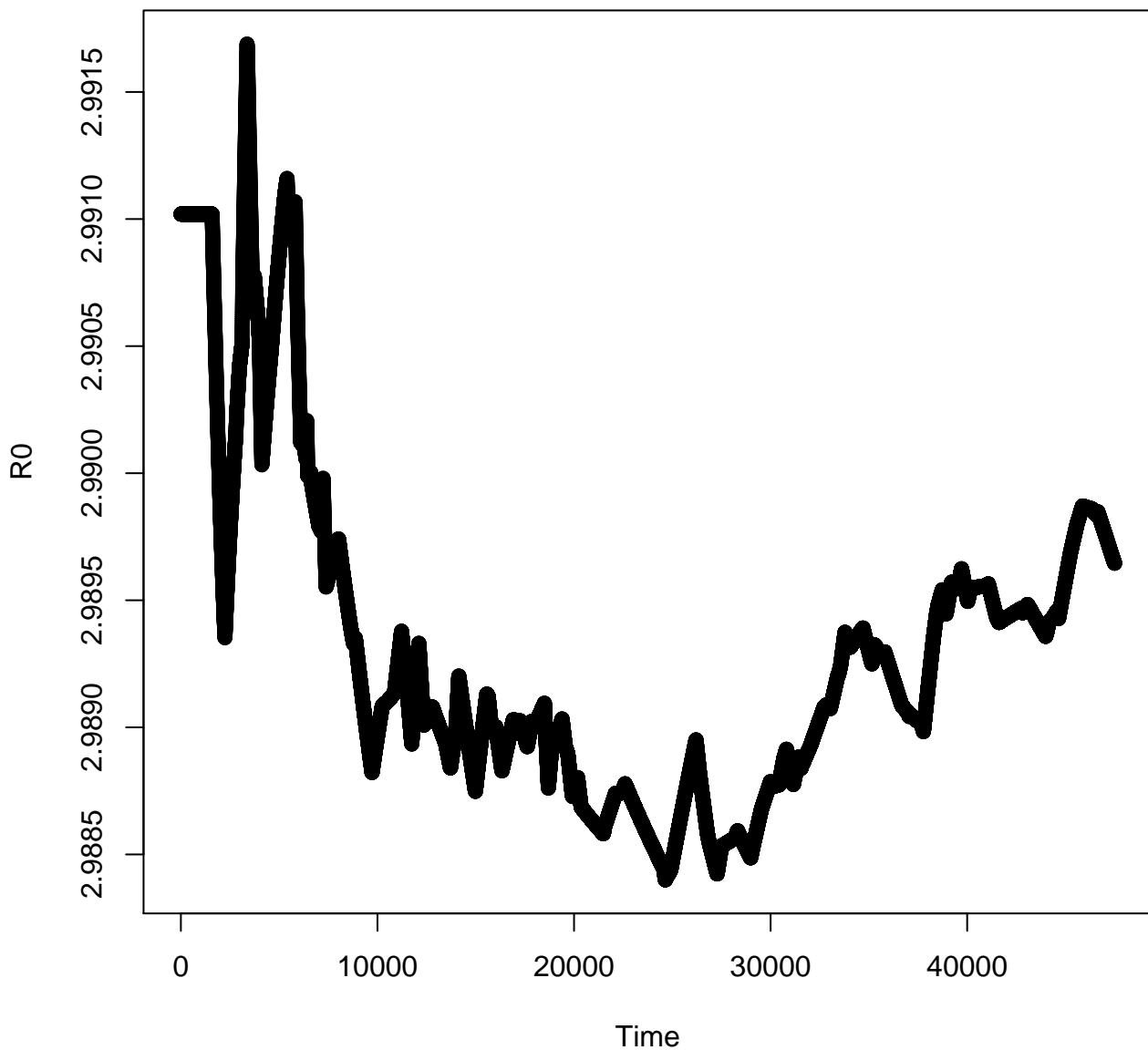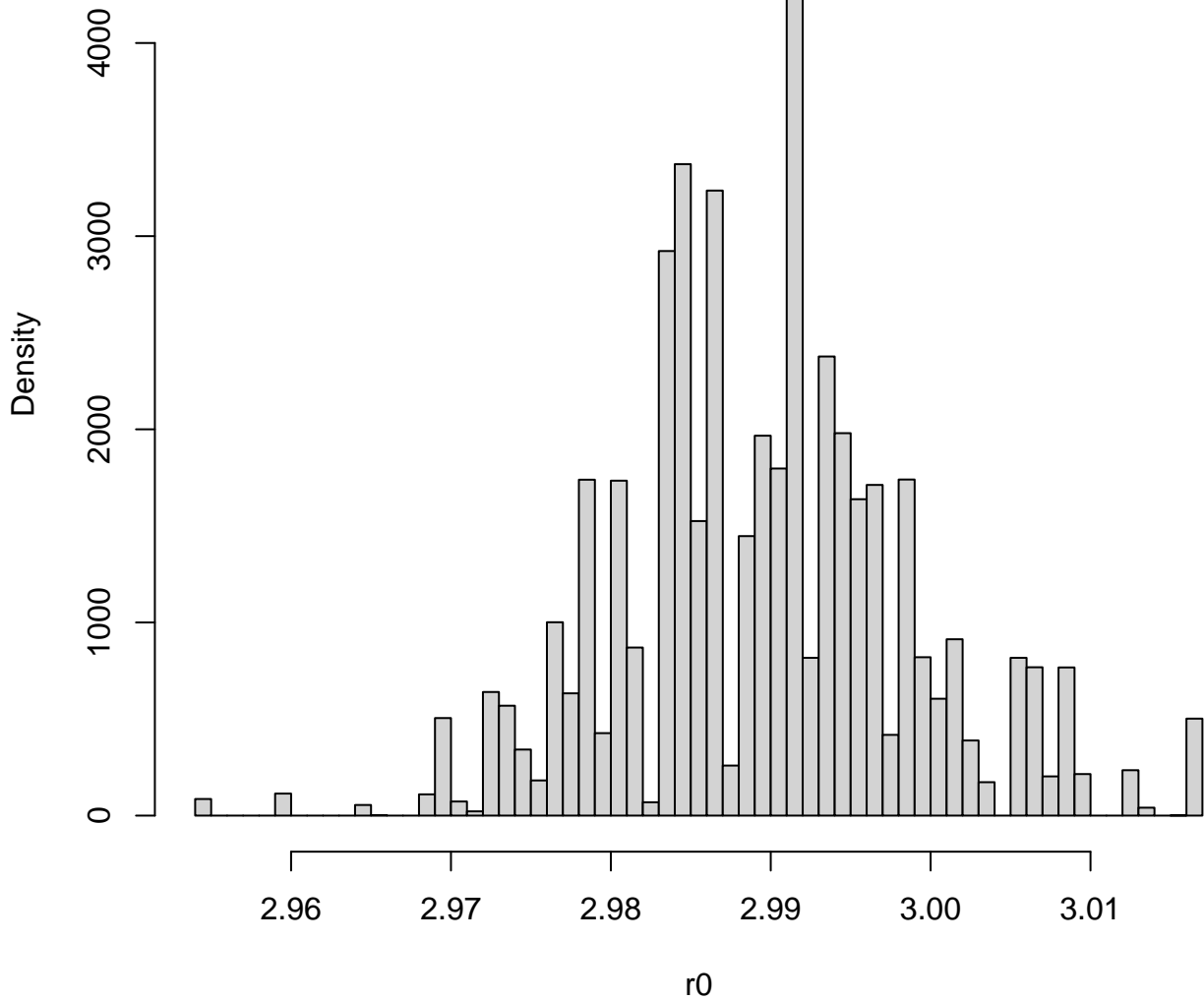**MCMC of R0. True R0 = 3 . Sd of proposal = 5**

R0

Time

Mean of R0 MCMC chain. True R0 = 3 . sd of proposal = 5

Histogram of R0. True R0 = 3 . sd of proposal = 5

Density

r0

Empirical density of r0. True R0 = 3 . sd of proposal = 5