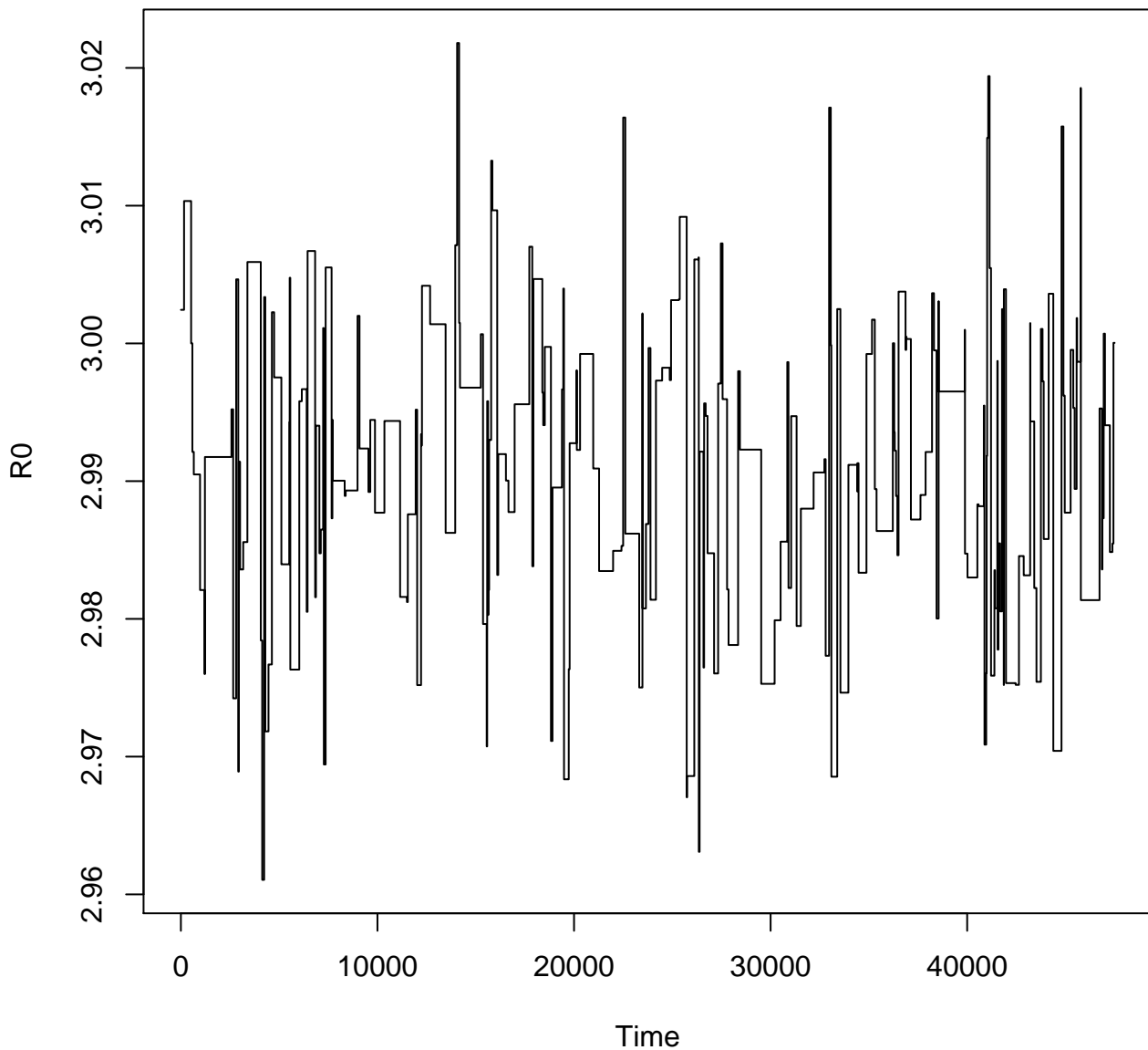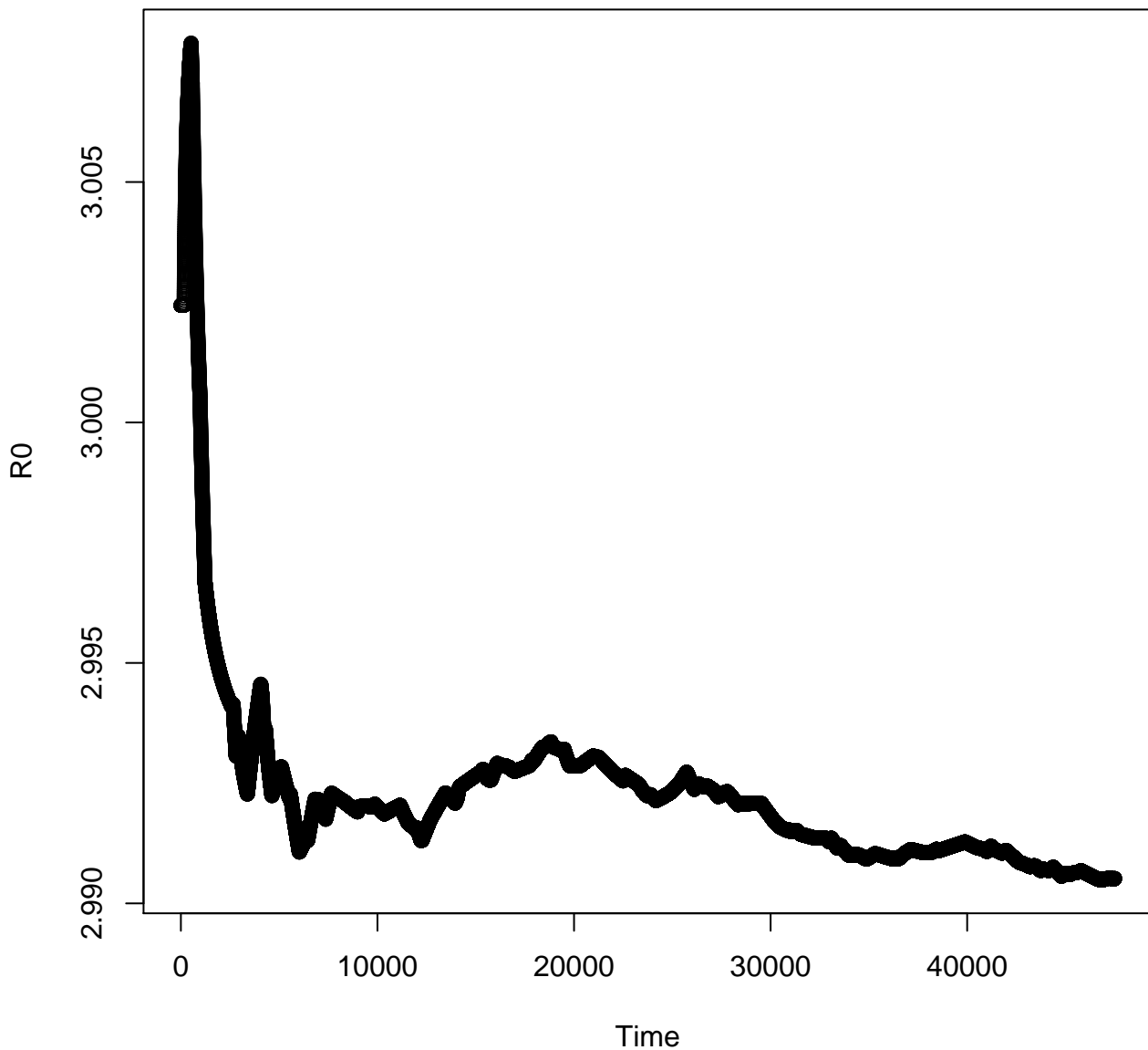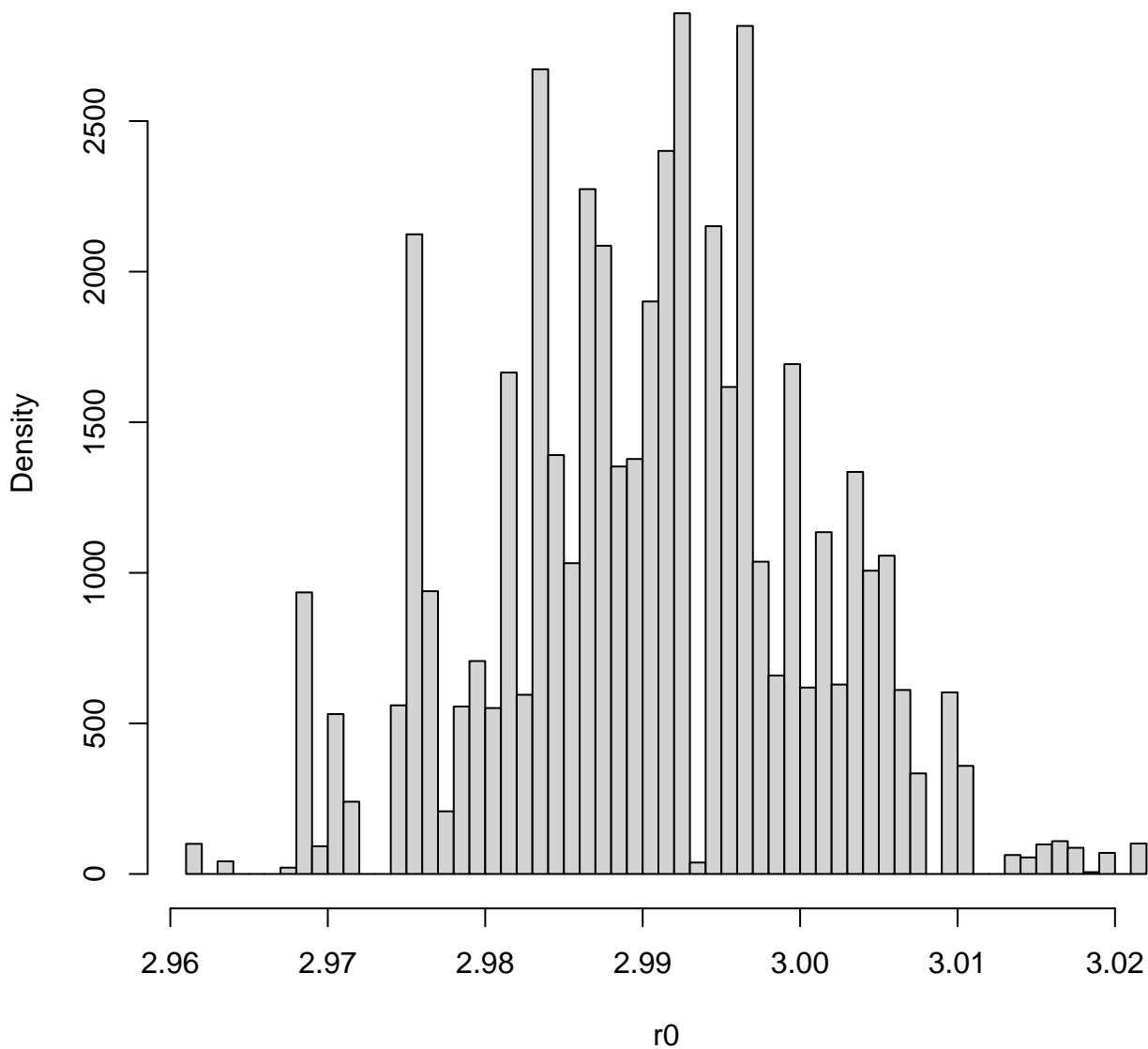MCMC of R0. True R0 = 3 . Sd of proposal = 3

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

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

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