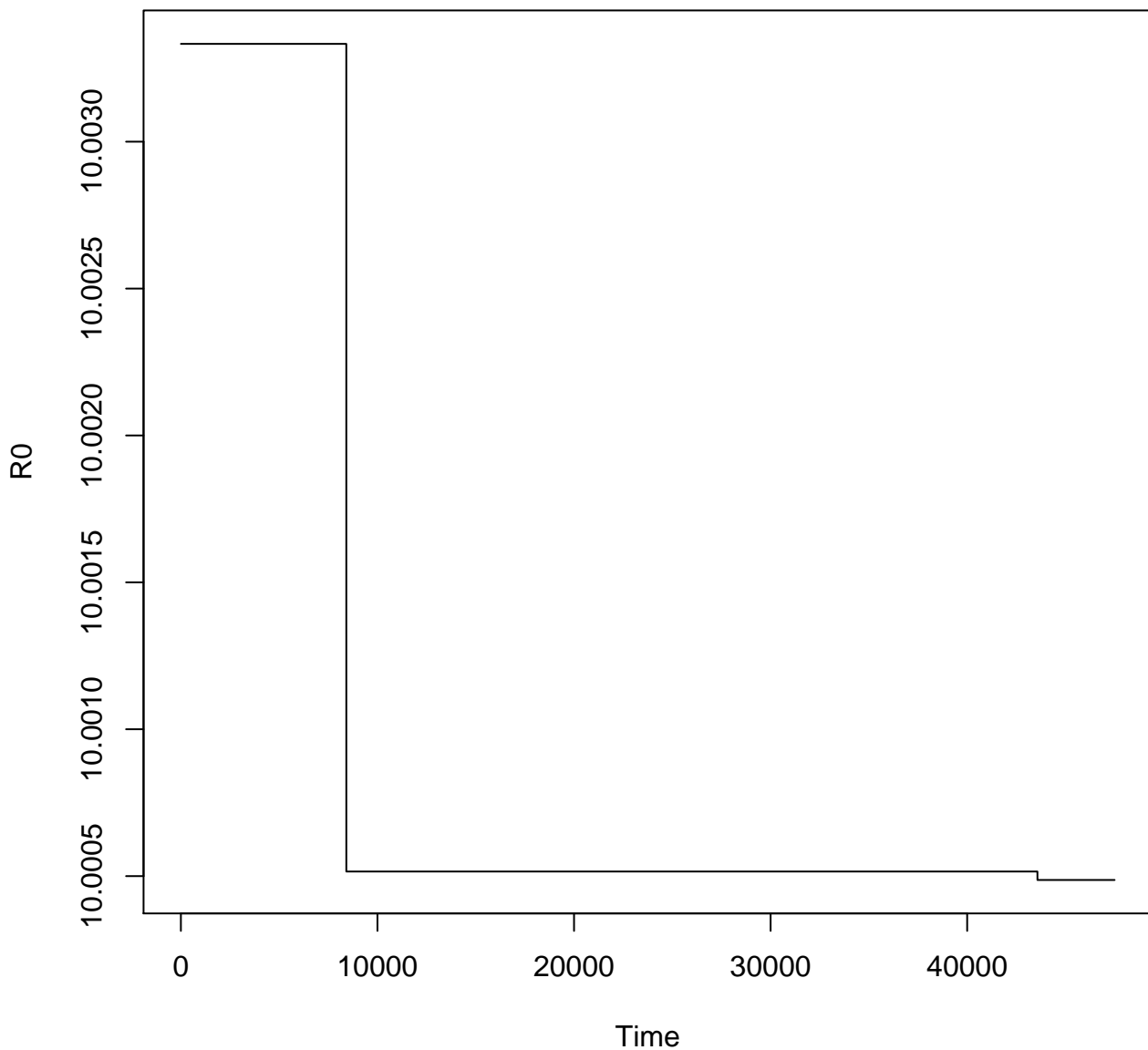
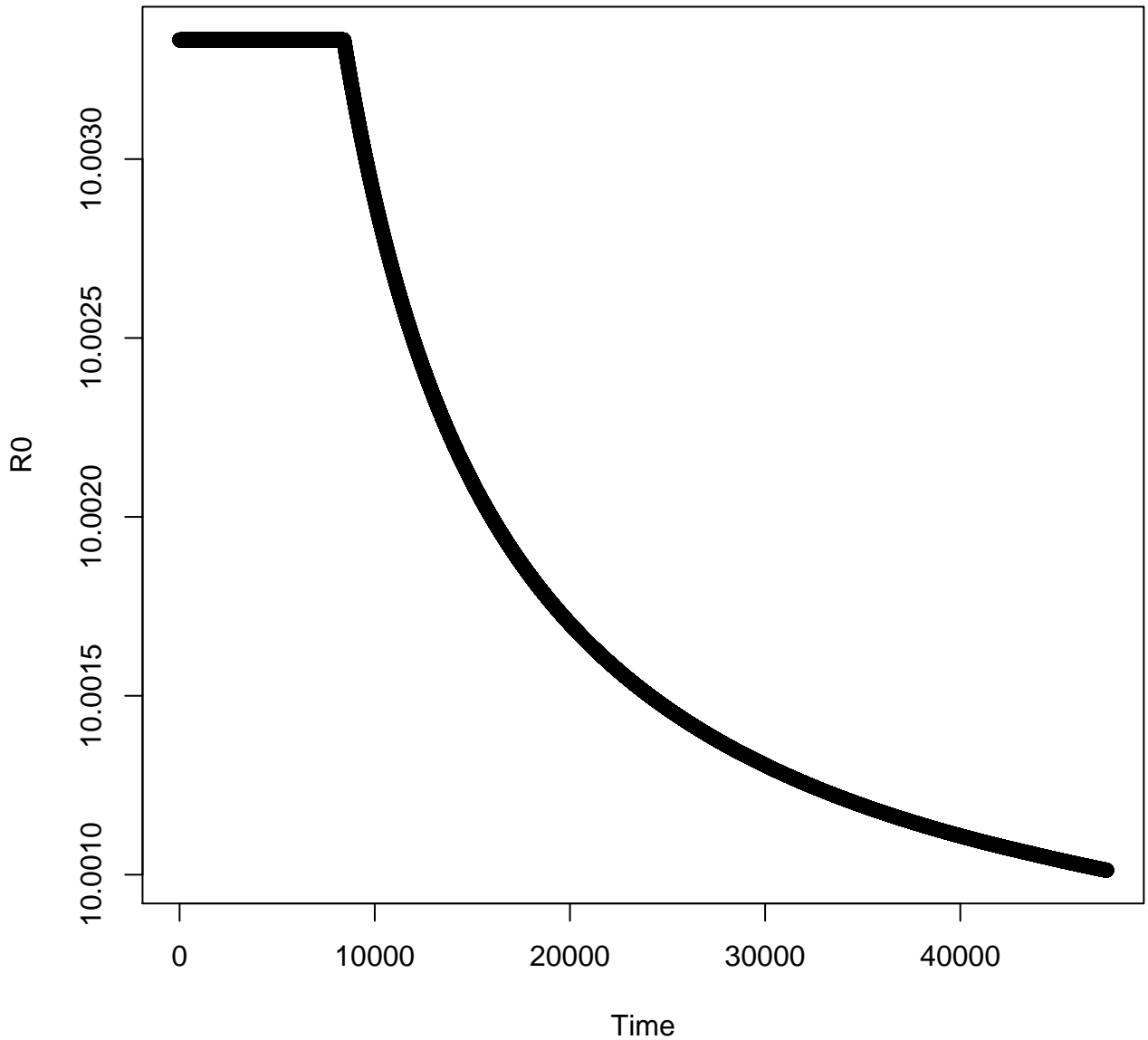


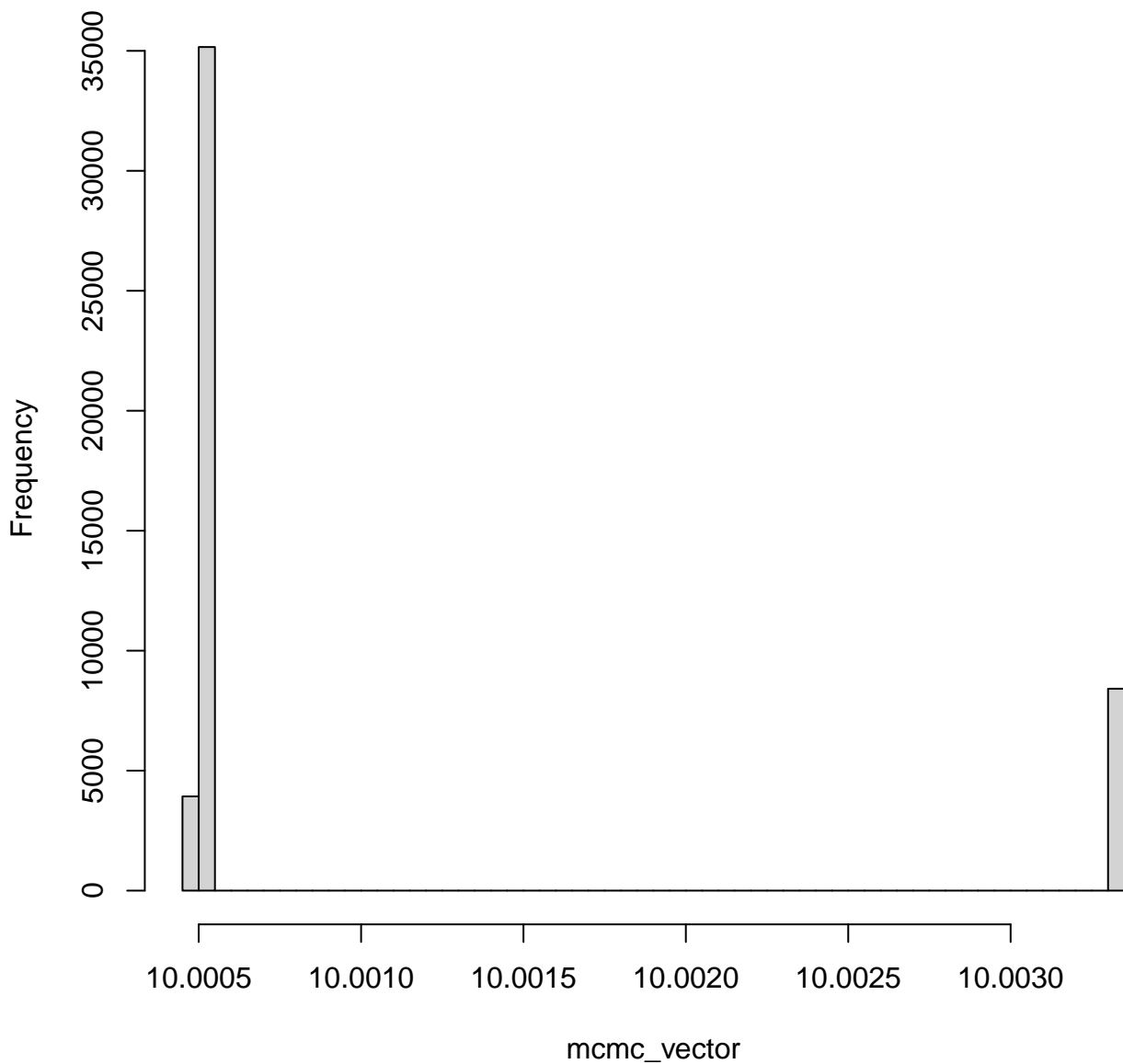
**Adaptive MC for  $R_0$ , true  $R_0 = 10$  . SD of proposal = 0.25**



**Mean of R0 MCMC chain, True R0 = 10 . SD of proposal = 0.25**



Histogram of mcmc\_vector



# Empirical density of r0 – MCMC chain

