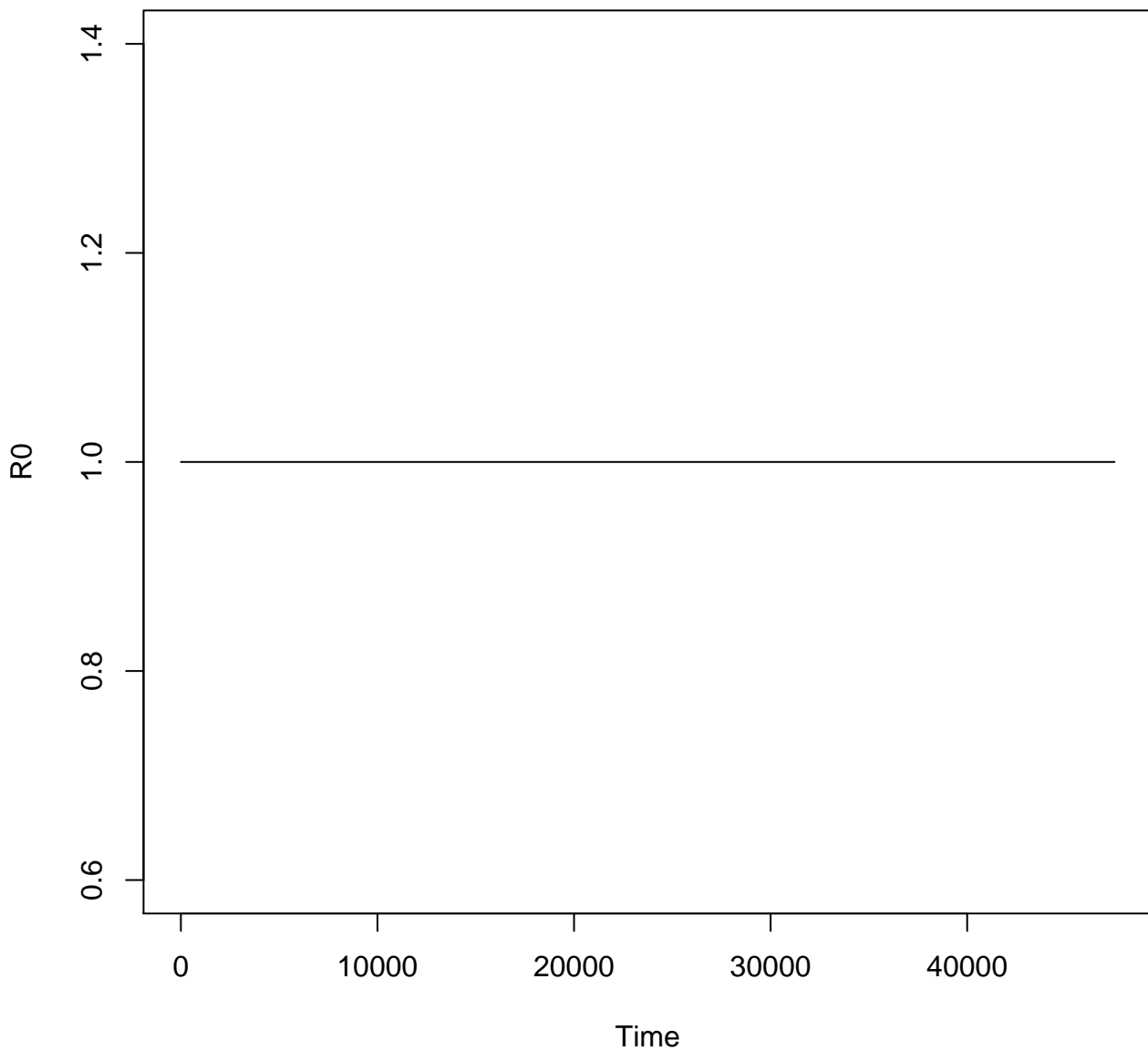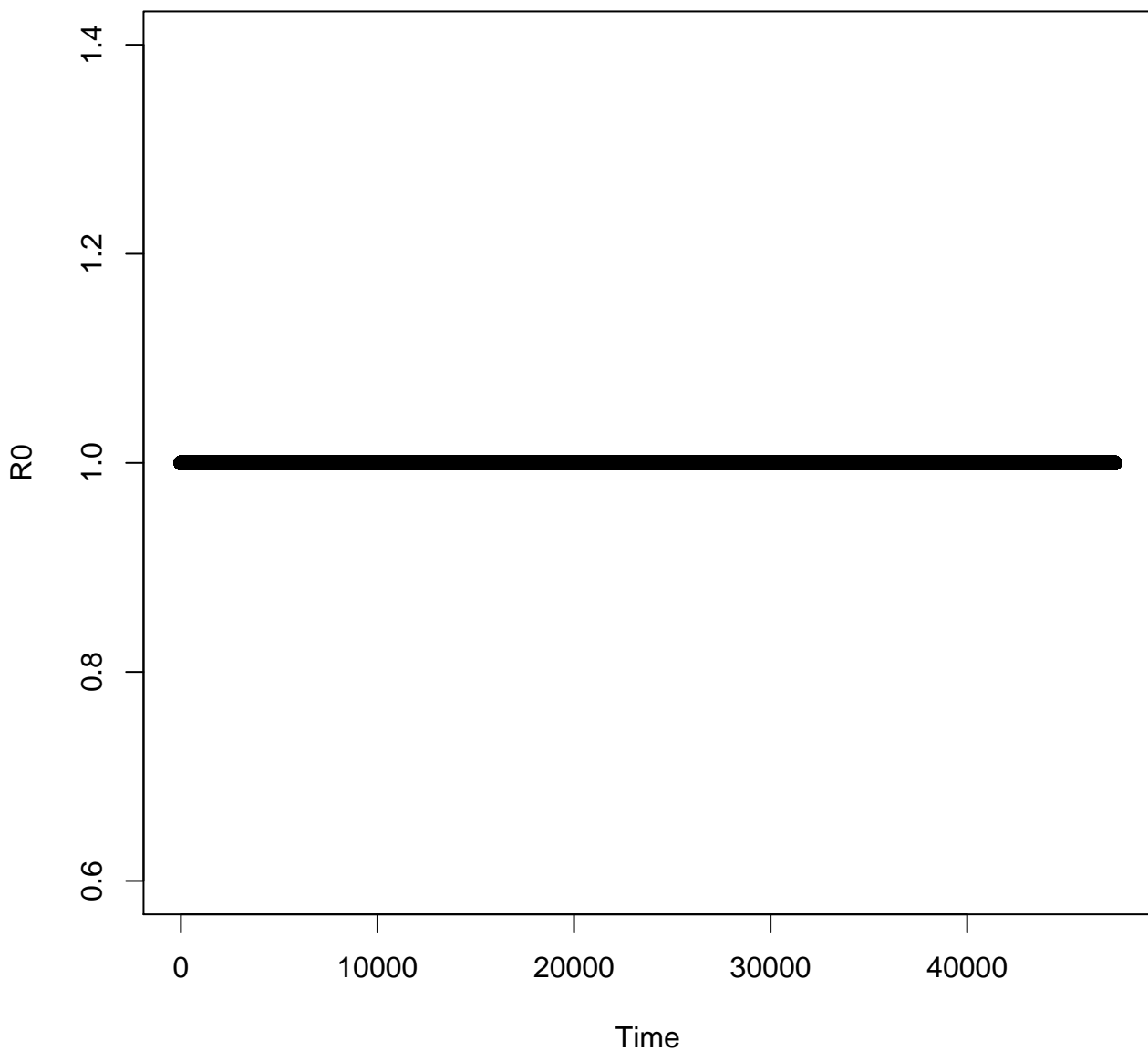**Adaptive MC for R0, true R0 = 1 . SD of proposal = 0.25**

Mean of R0 MCMC chain, True R0 = 1 . SD of proposal = 0.25

Histogram of mcmc_vector

Frequency vs mcmc_vector

Empirical density of r0 – MCMC chain

Density

r0