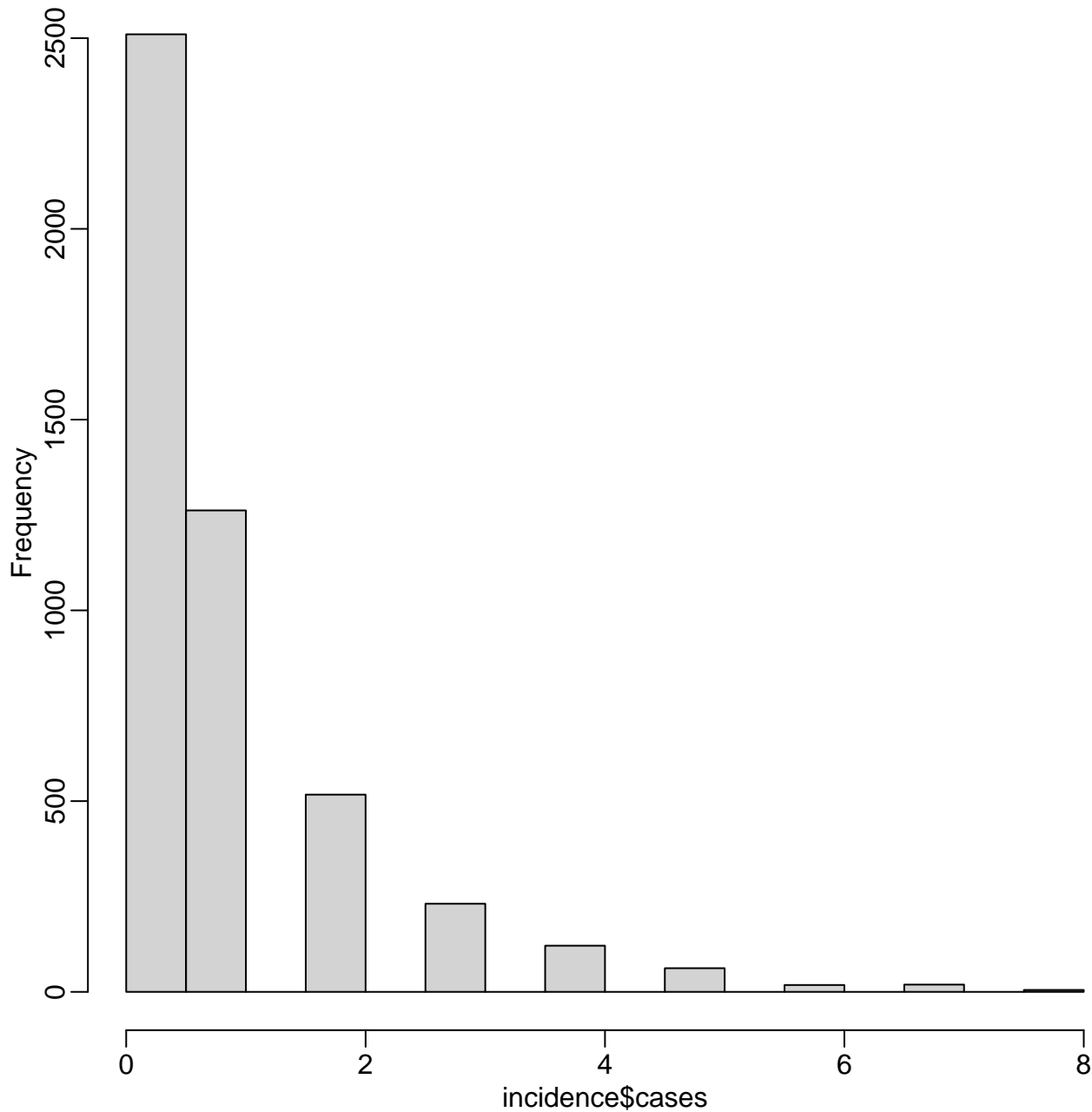


**Histogram of incidence\$cases**

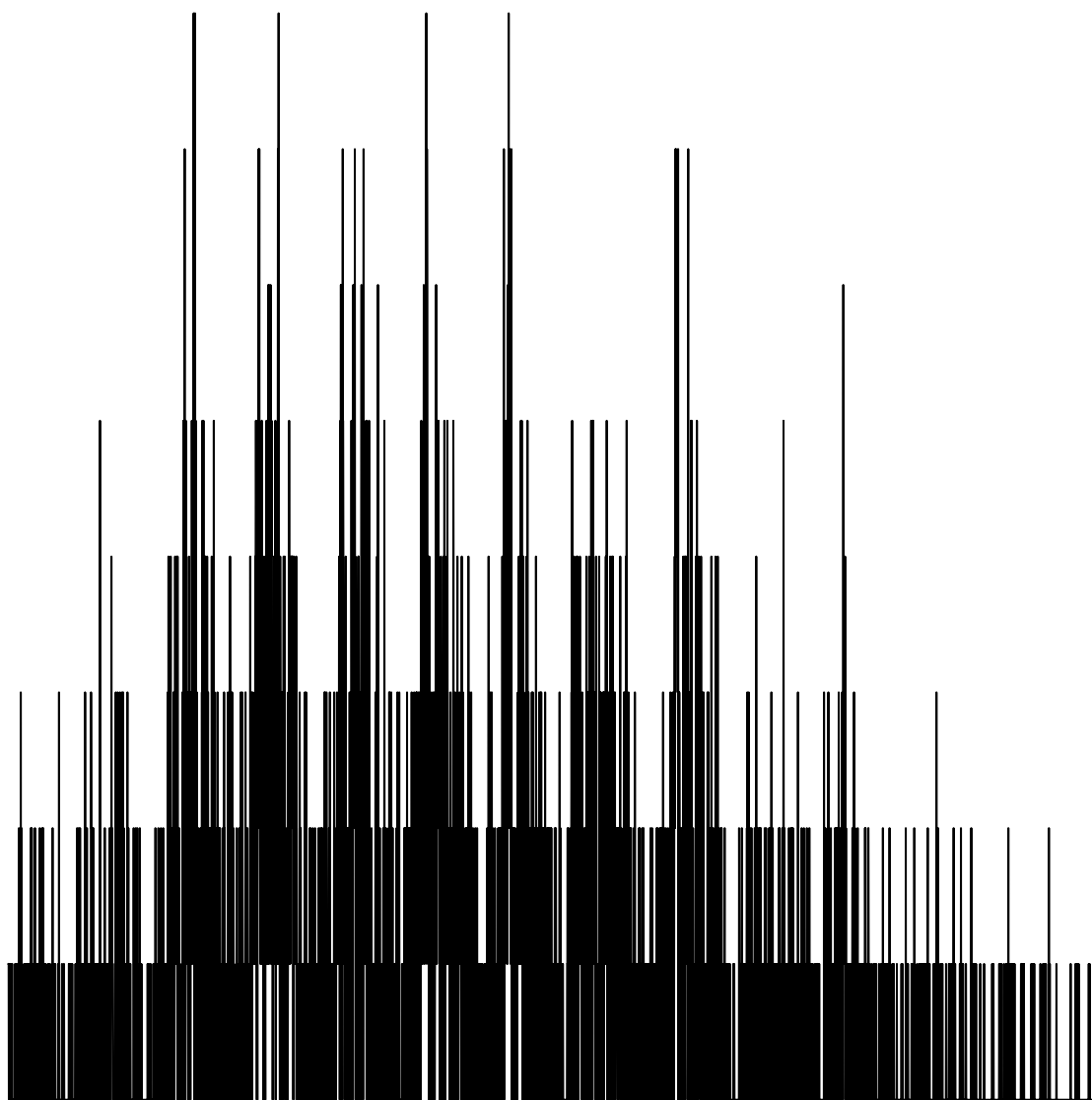


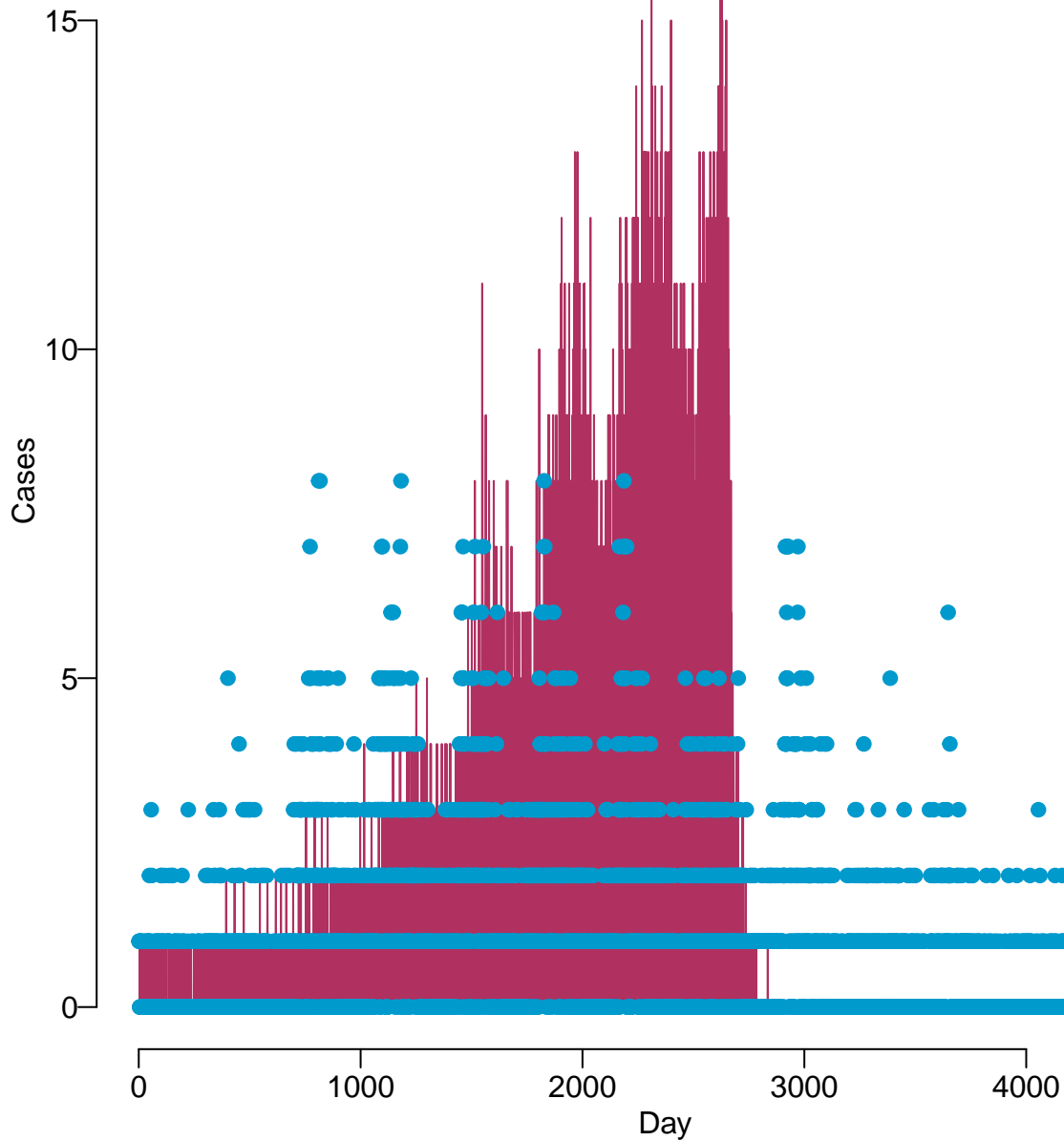
New cases

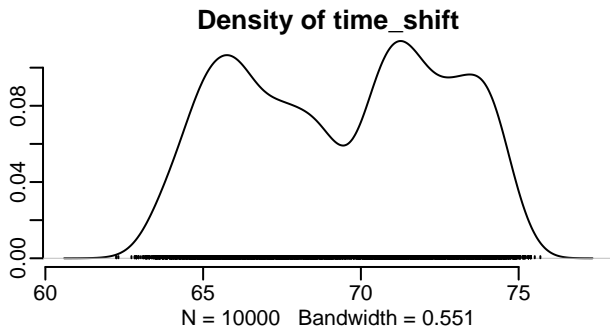
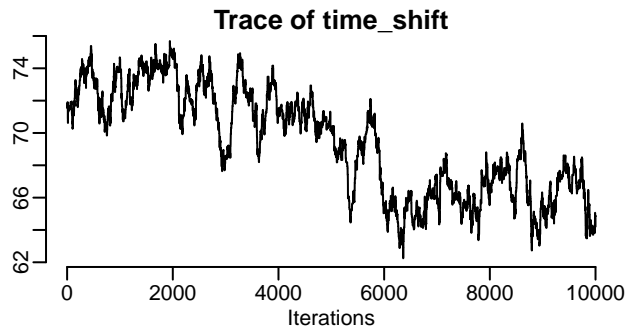
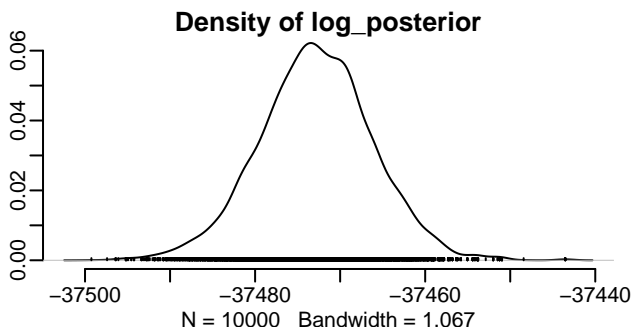
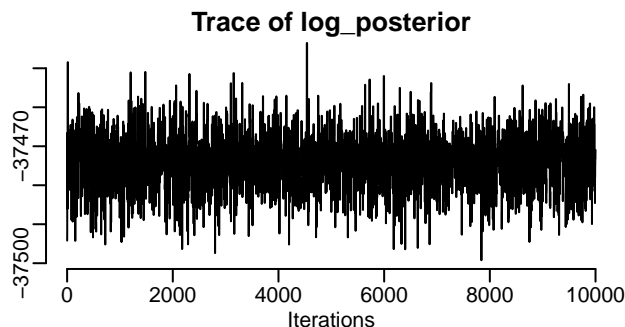
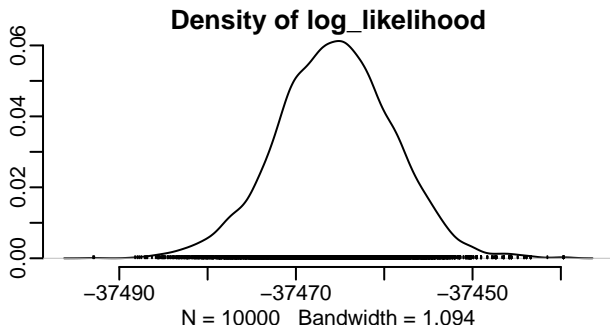
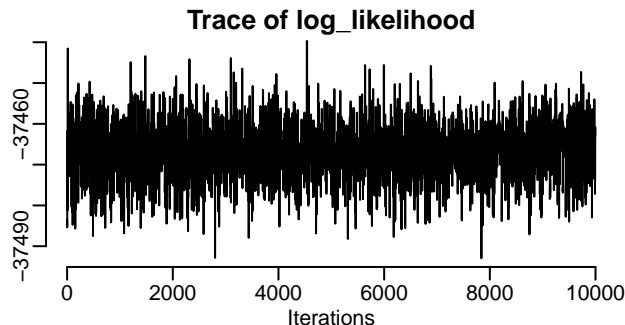
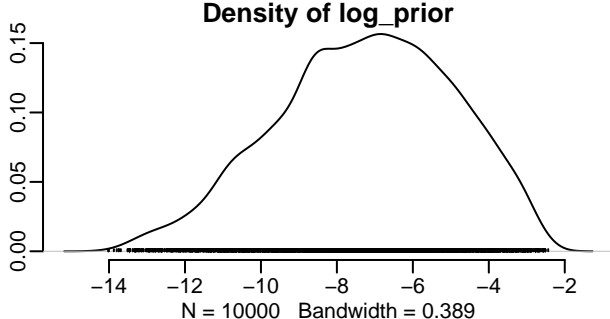
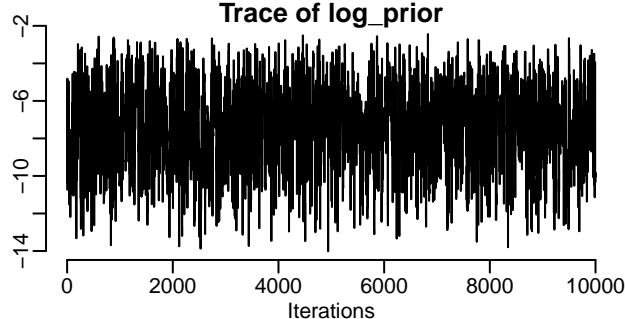
8  
6  
4  
2  
0

0 1000 2000 3000 4000

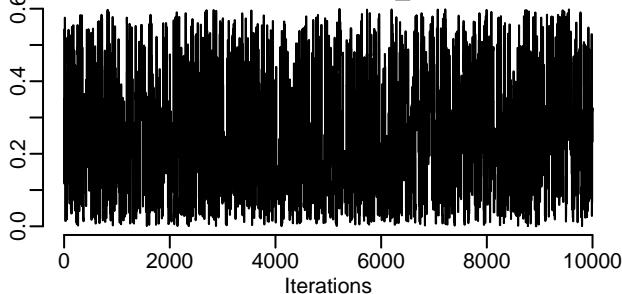
Day



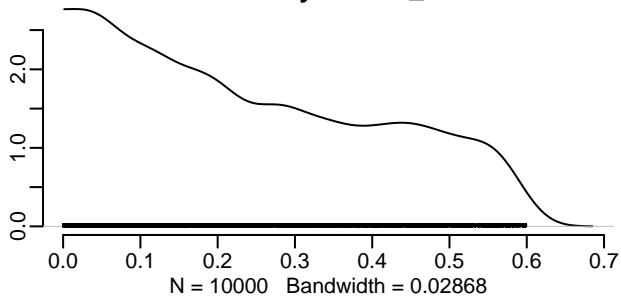




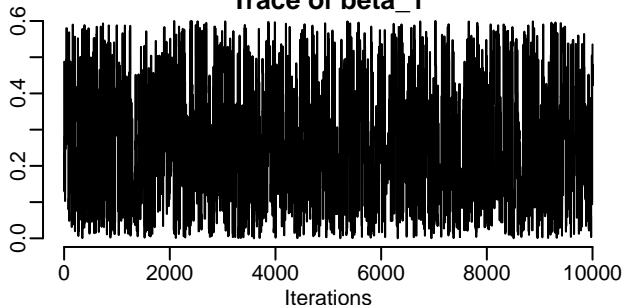
**Trace of beta\_0**



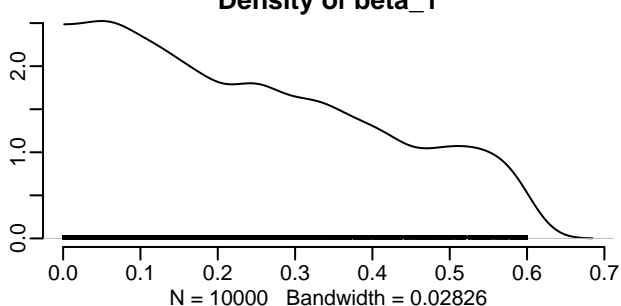
**Density of beta\_0**



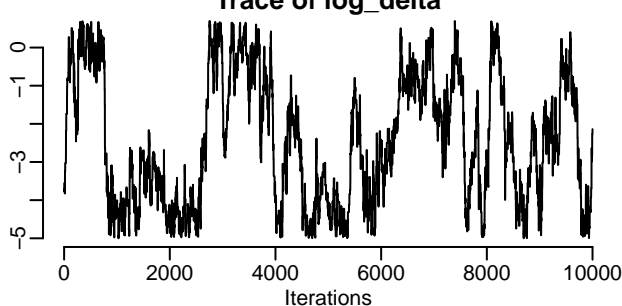
**Trace of beta\_1**



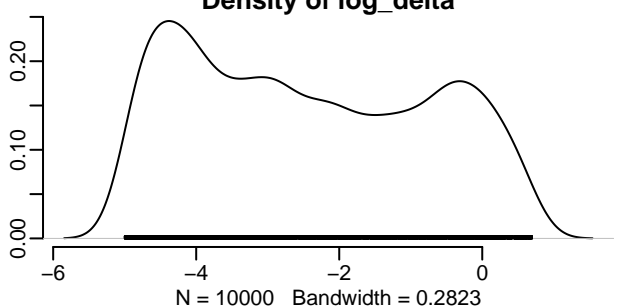
**Density of beta\_1**



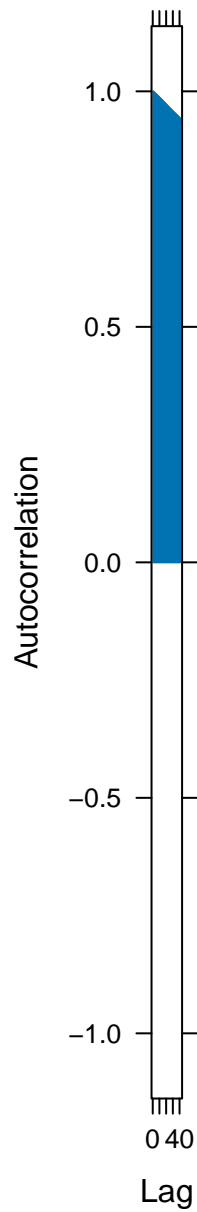
**Trace of log\_delta**



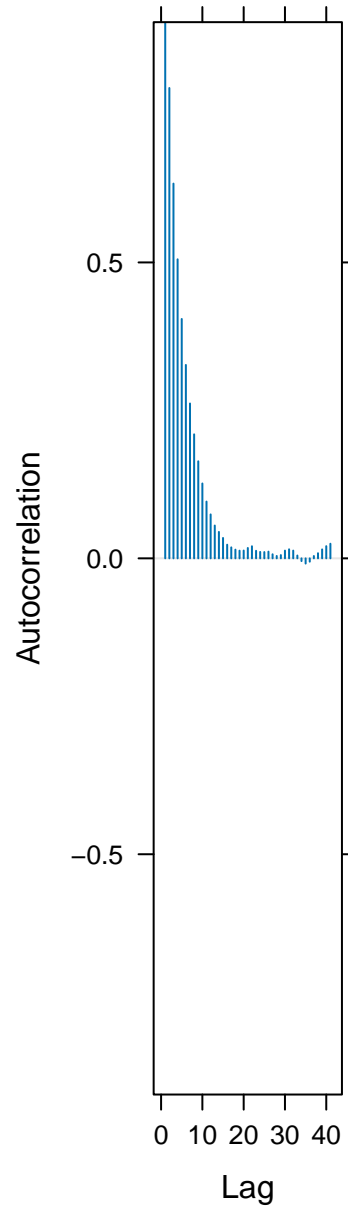
**Density of log\_delta**



# Autocorrelation time shift

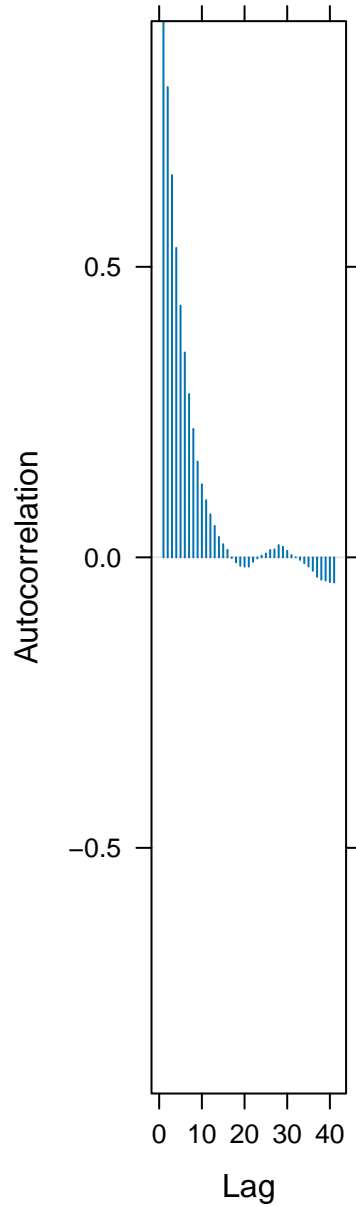


# Autocorrelation beta0

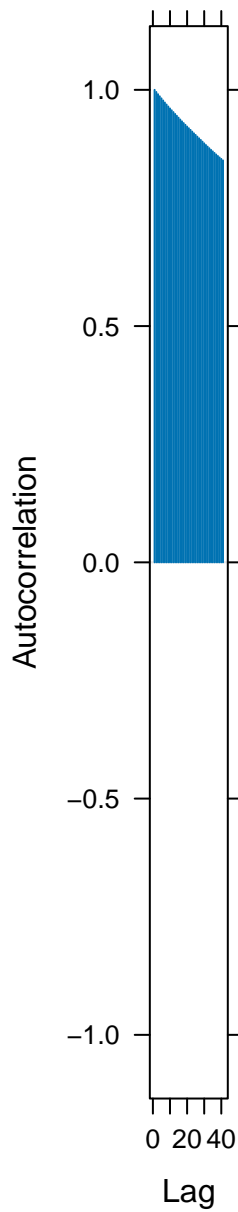


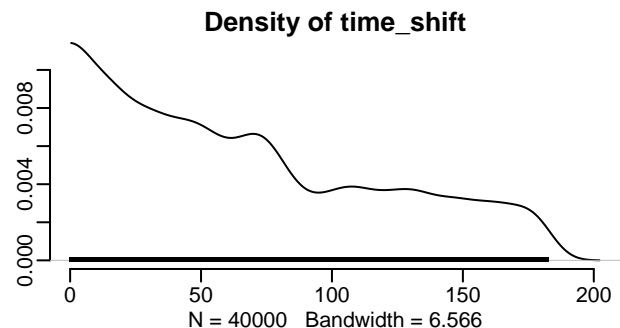
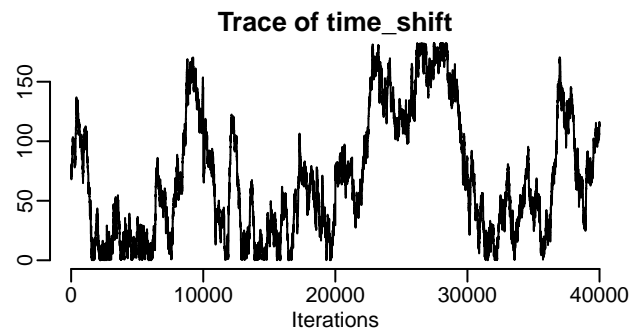
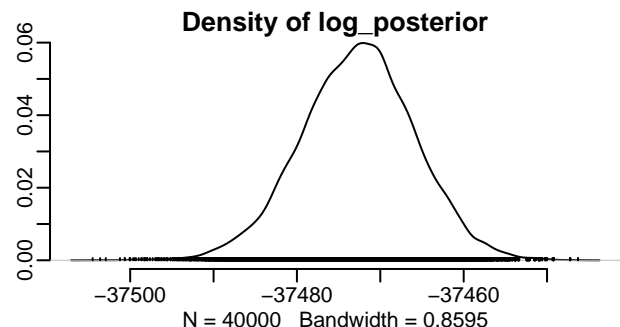
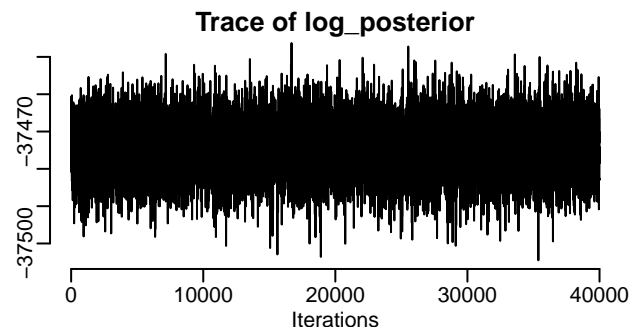
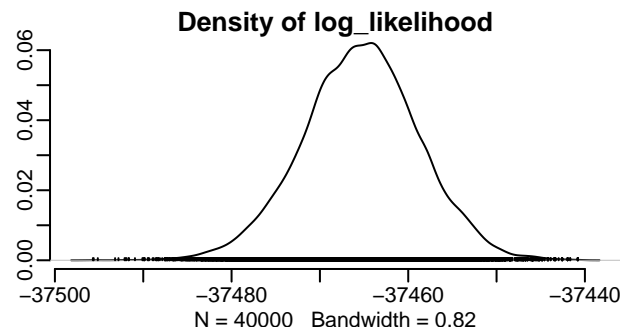
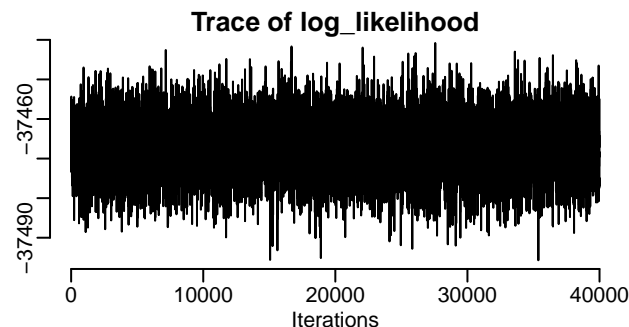
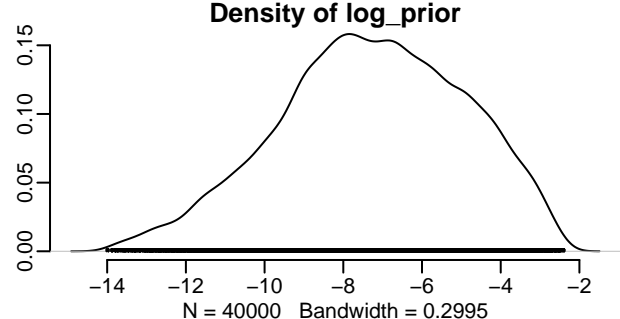
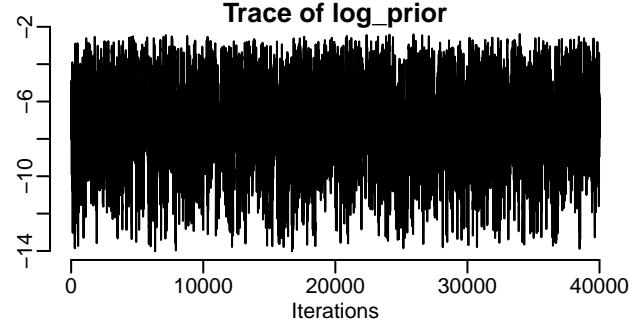


# Autocorrelation beta1

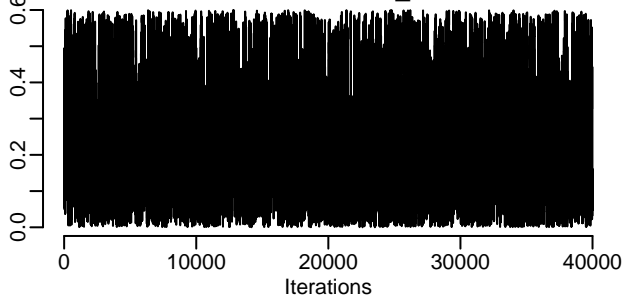


# Autocorrelation log(delta)

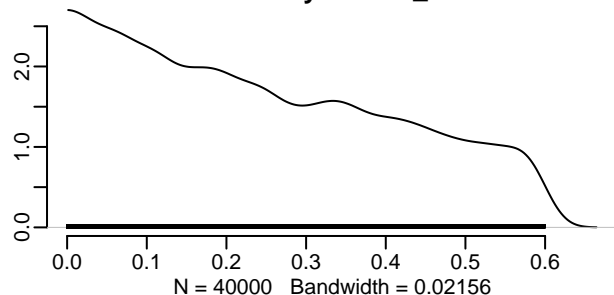




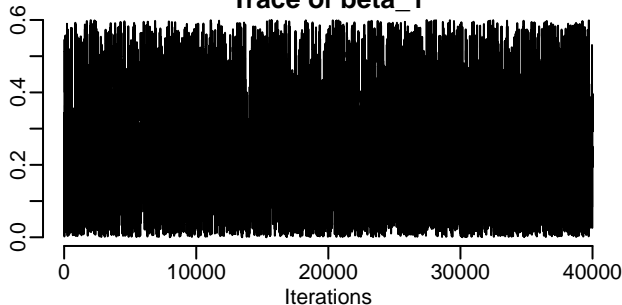
**Trace of beta\_0**



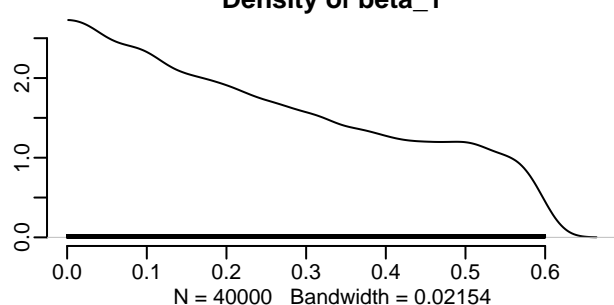
**Density of beta\_0**



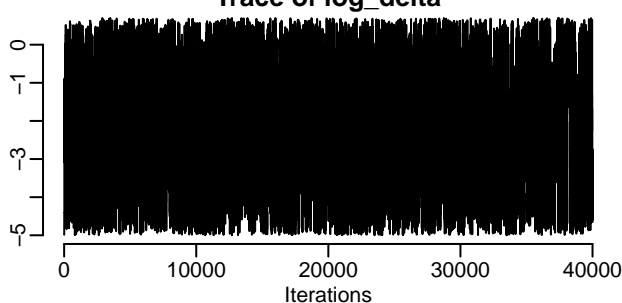
**Trace of beta\_1**



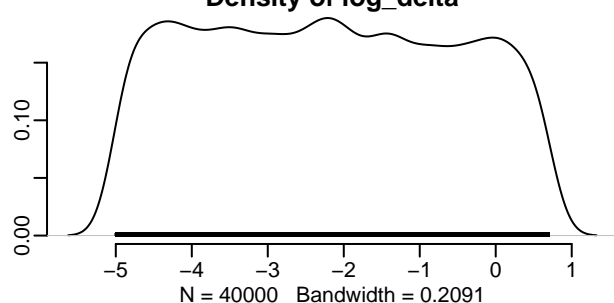
**Density of beta\_1**

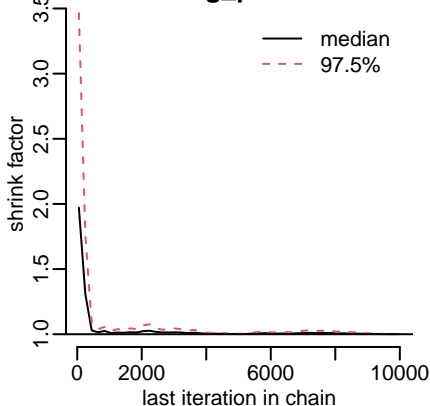
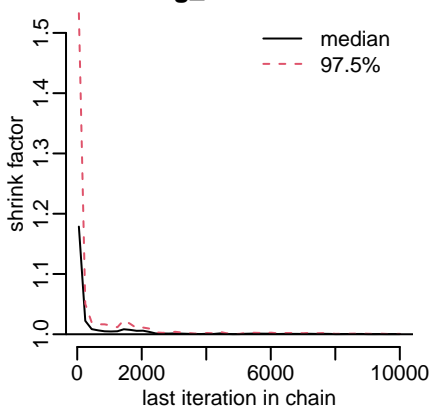
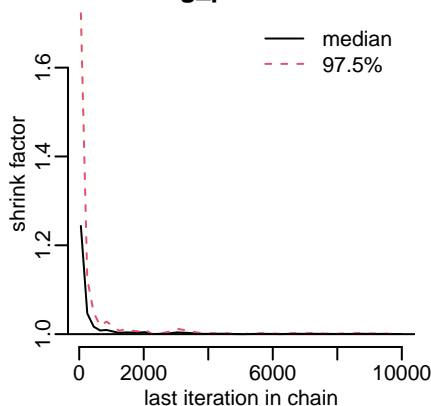
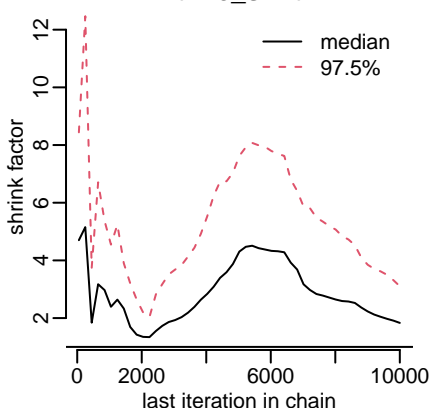
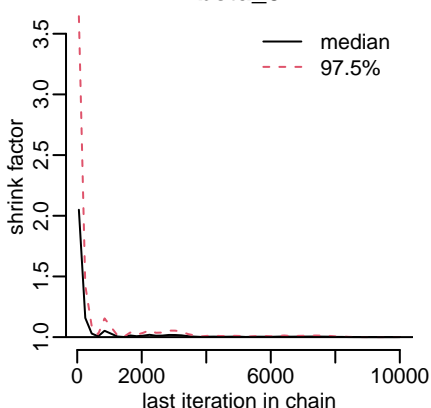
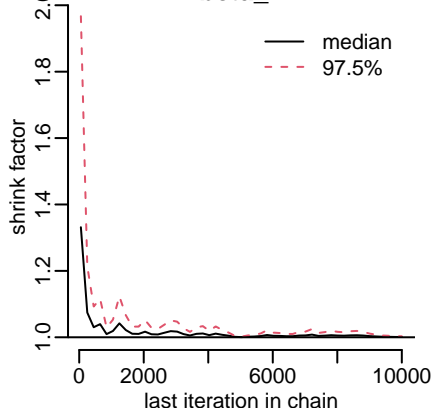


**Trace of log\_delta**



**Density of log\_delta**



**log\_prior****log\_likelihood****log\_posterior****time\_shift****beta\_0****beta\_1****log\_delta**