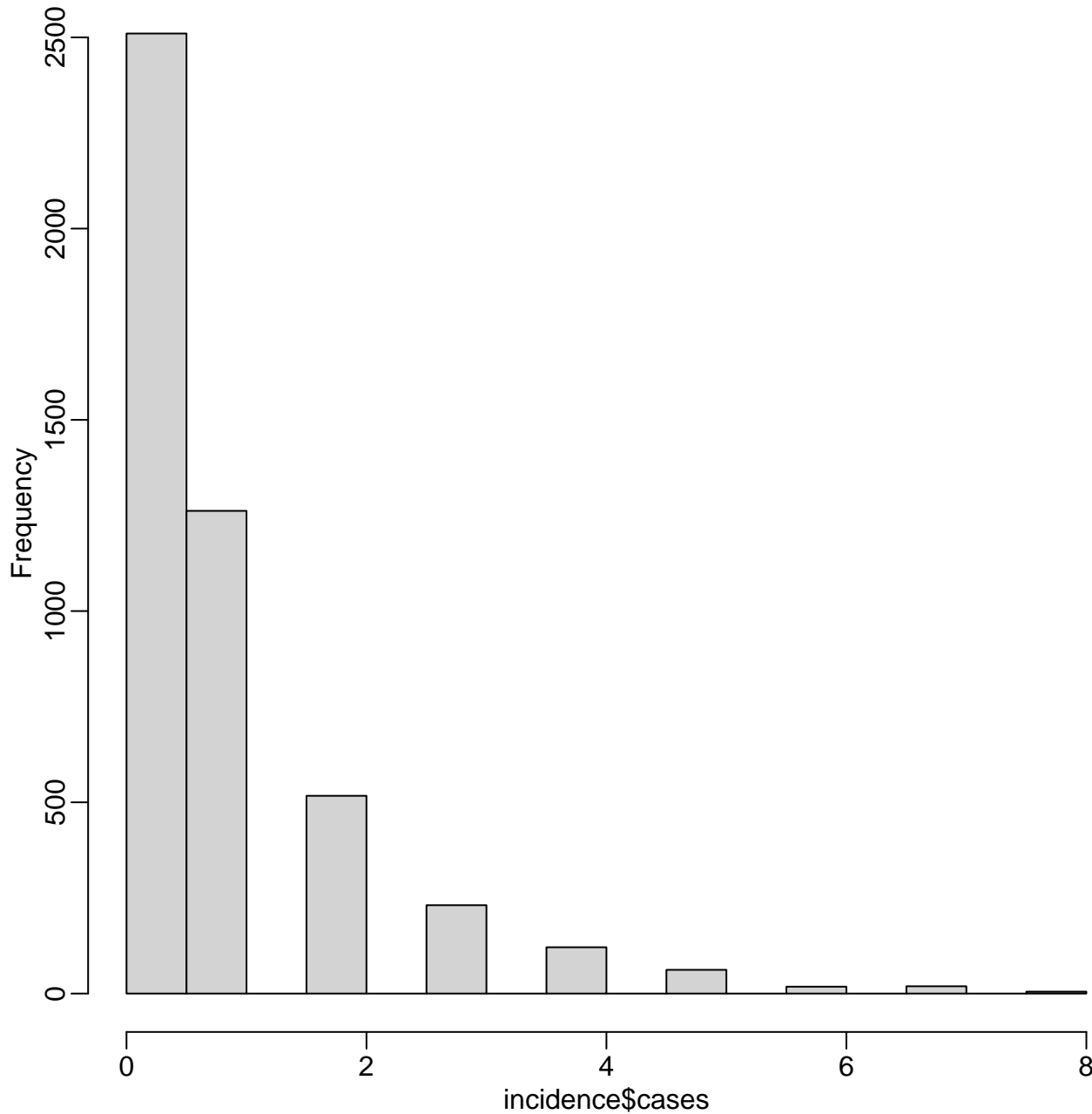


**Histogram of incidence\$cases**

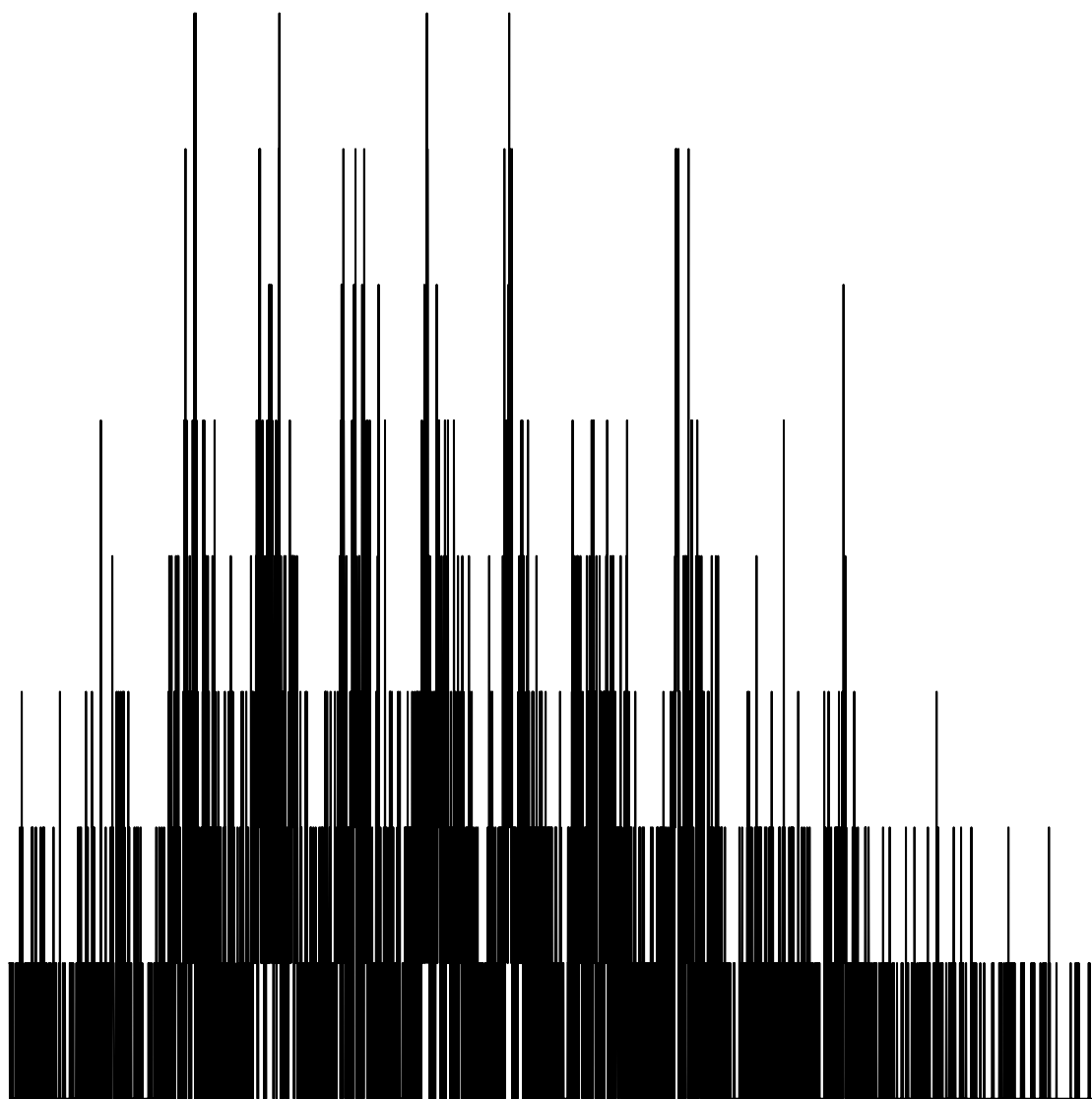


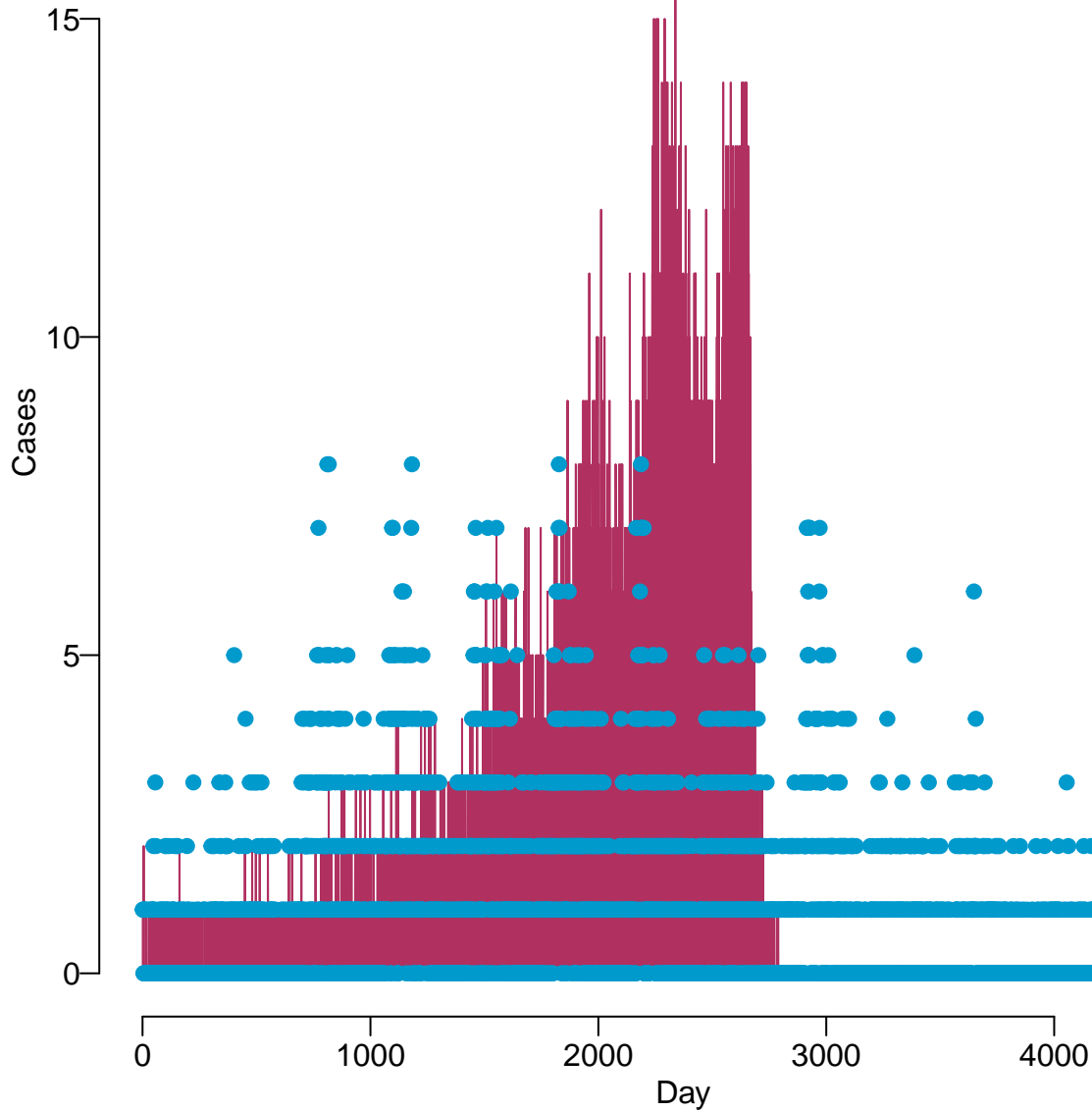
New cases

8  
6  
4  
2  
0

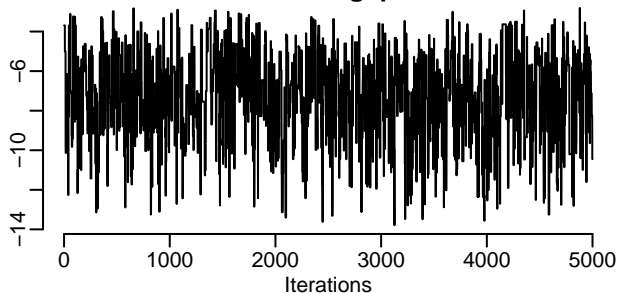
0 1000 2000 3000 4000

Day

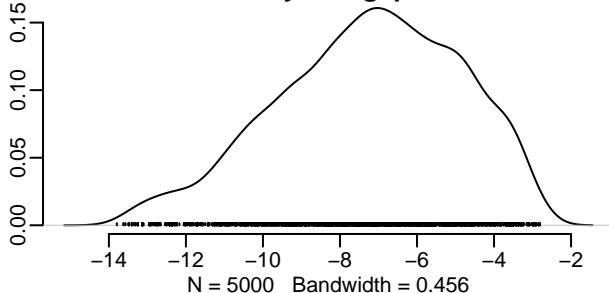




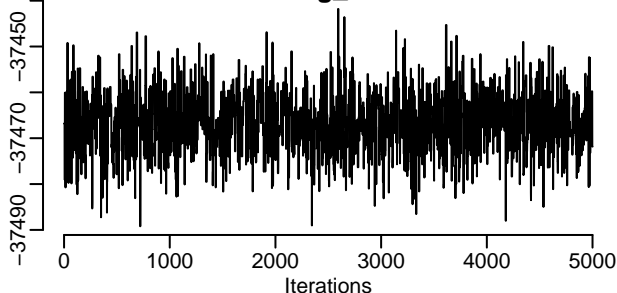
**Trace of log\_prior**



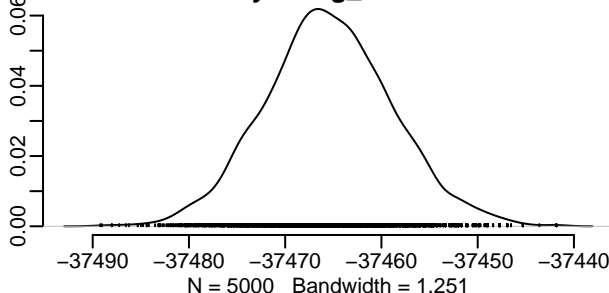
**Density of log\_prior**



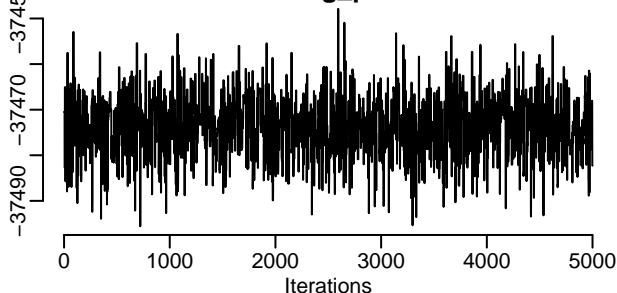
**Trace of log\_likelihood**



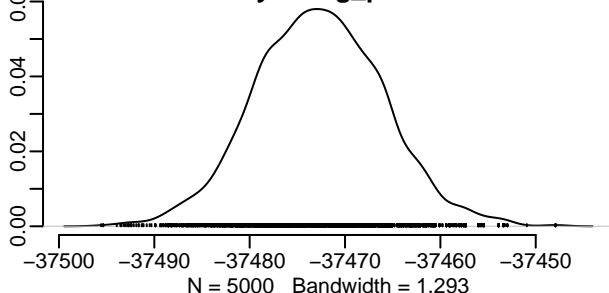
**Density of log\_likelihood**



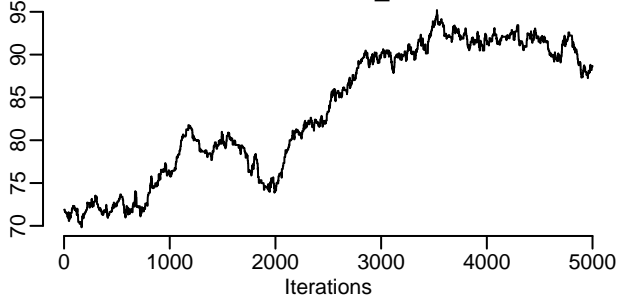
**Trace of log\_posterior**



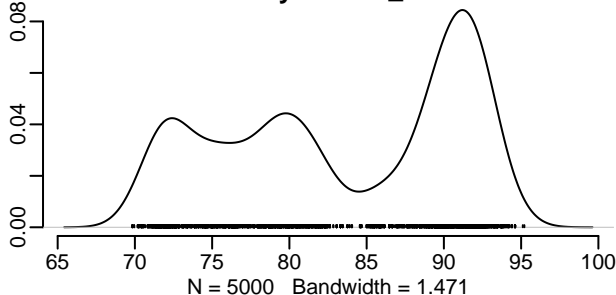
**Density of log\_posterior**



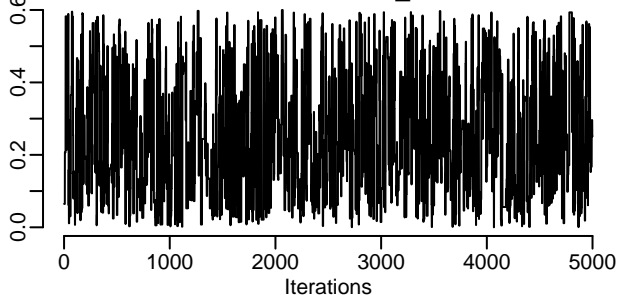
**Trace of time\_shift**



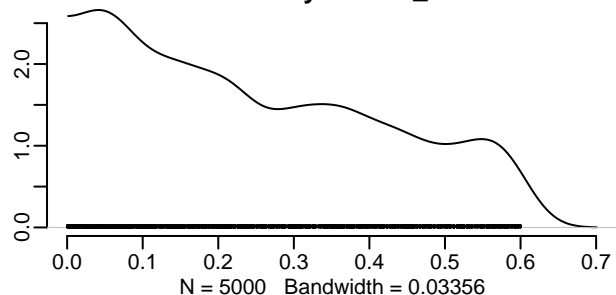
**Density of time\_shift**



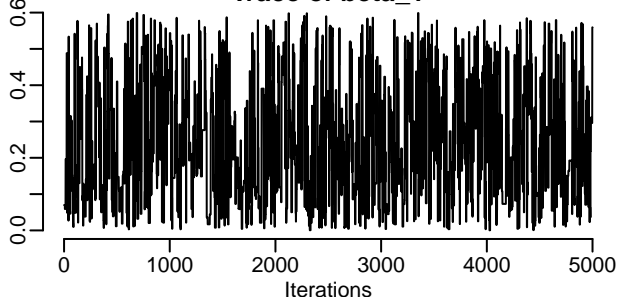
**Trace of beta\_0**



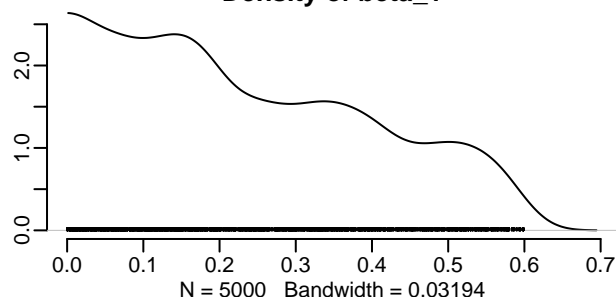
**Density of beta\_0**



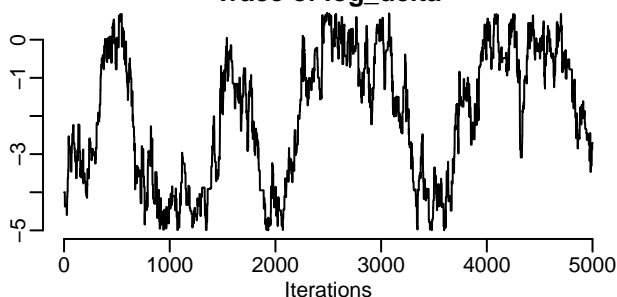
**Trace of beta\_1**



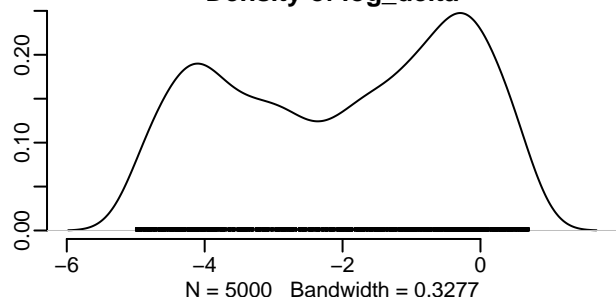
**Density of beta\_1**



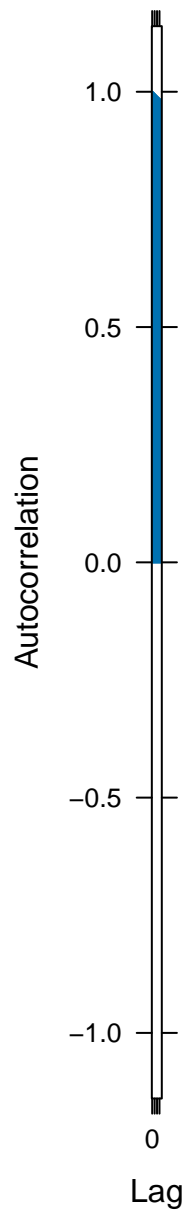
**Trace of log\_delta**



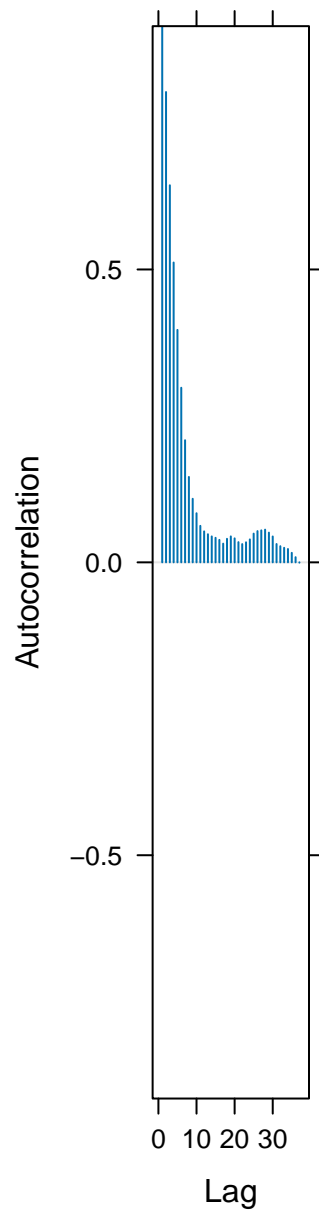
**Density of log\_delta**



# Autocorrelation time shift

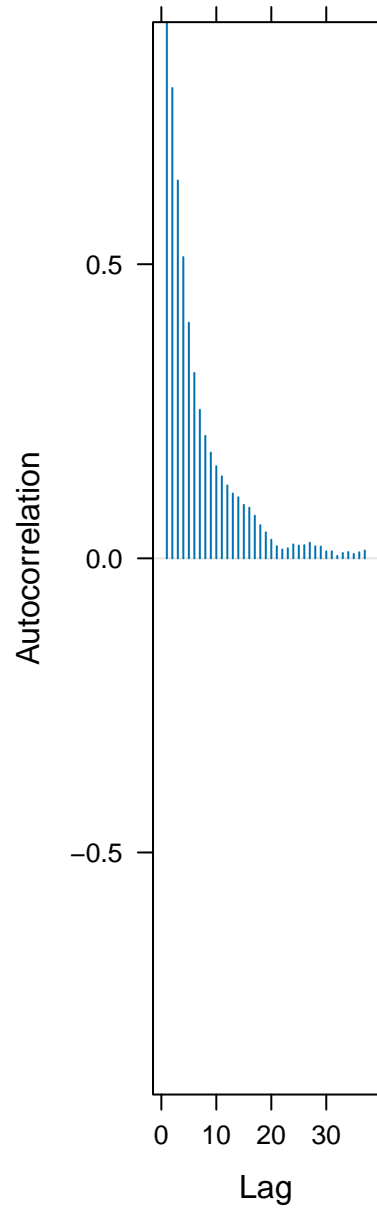


# Autocorrelation beta0

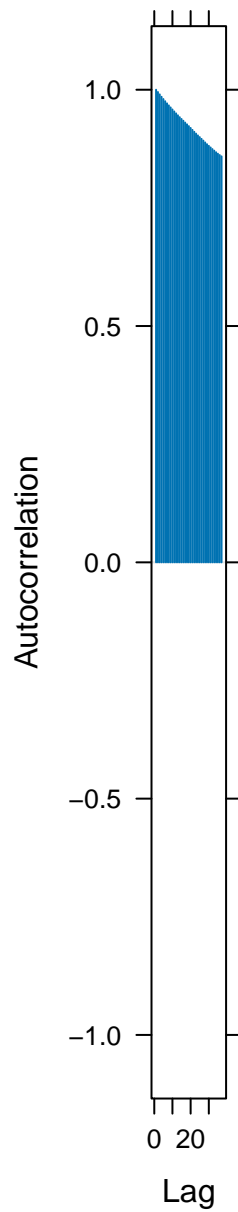


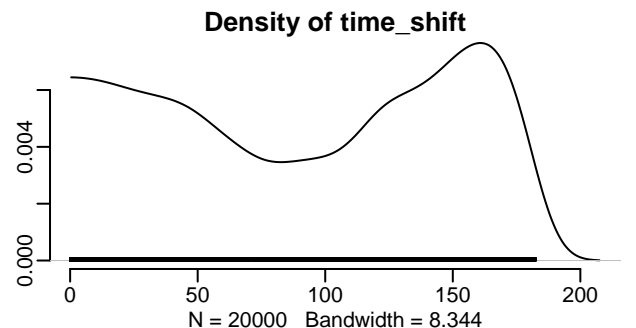
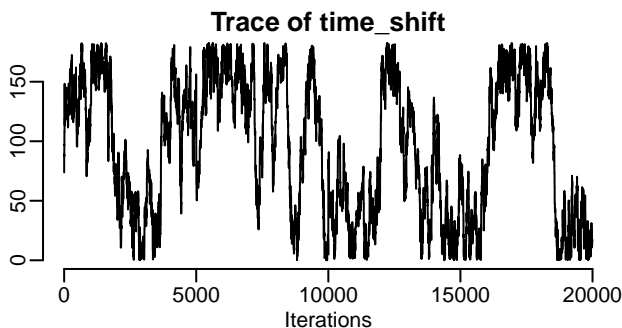
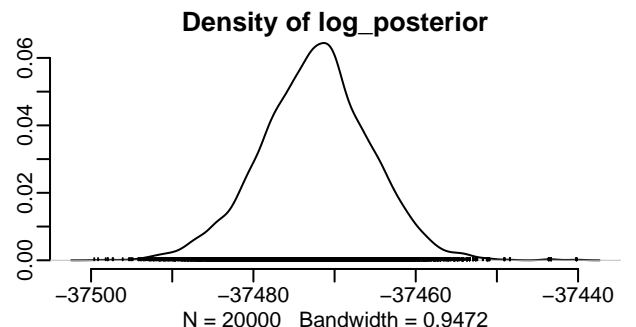
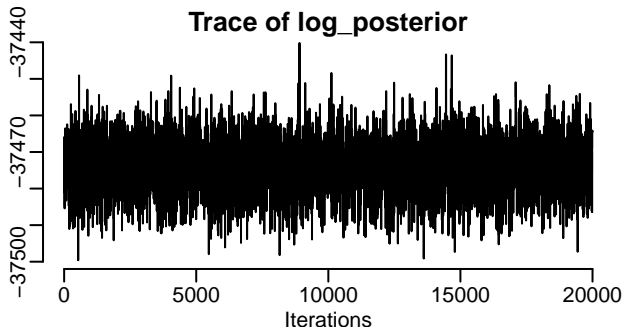
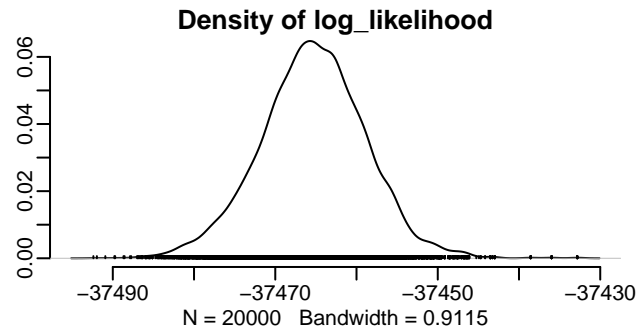
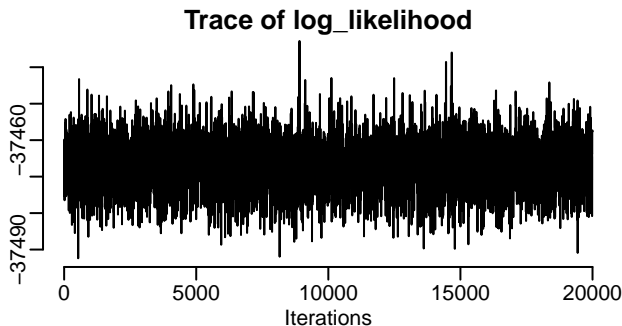
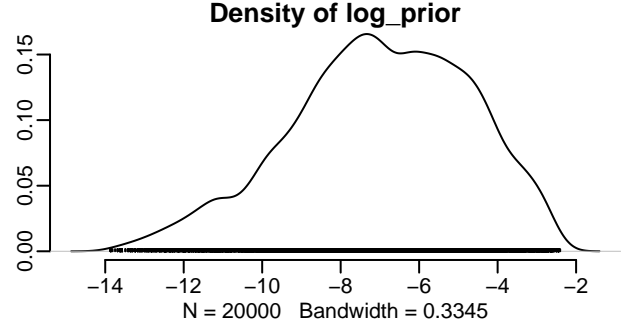
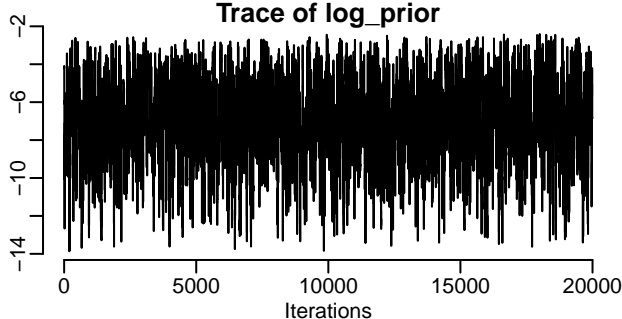


# Autocorrelation beta1

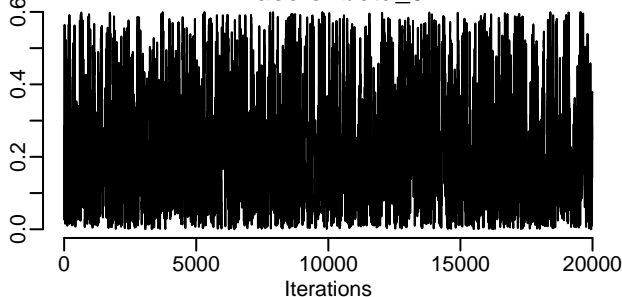


# Autocorrelation log(delta)

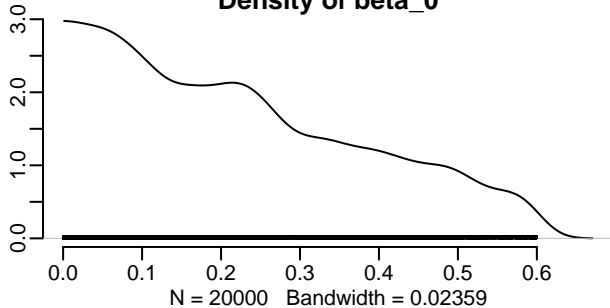




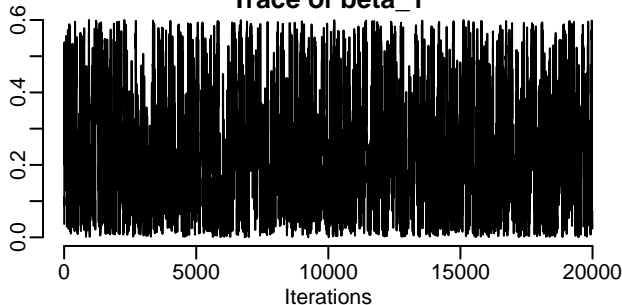
**Trace of beta\_0**



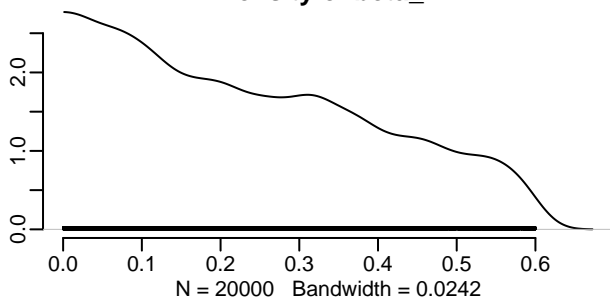
**Density of beta\_0**



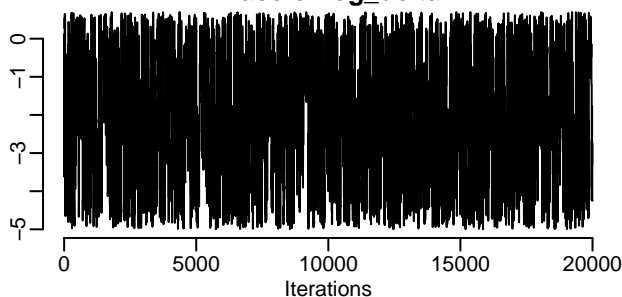
**Trace of beta\_1**



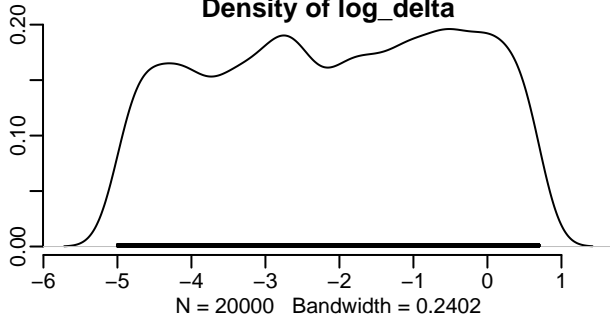
**Density of beta\_1**

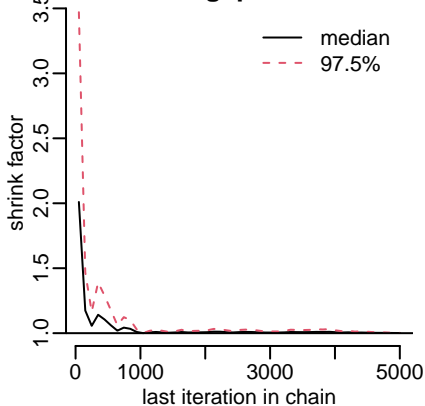
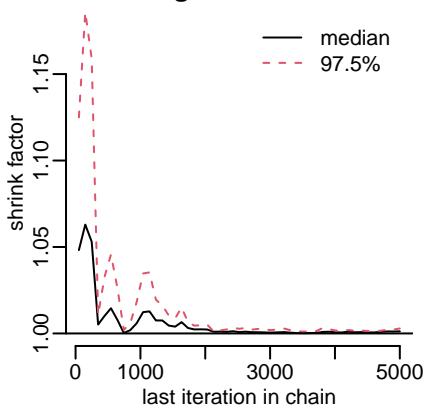
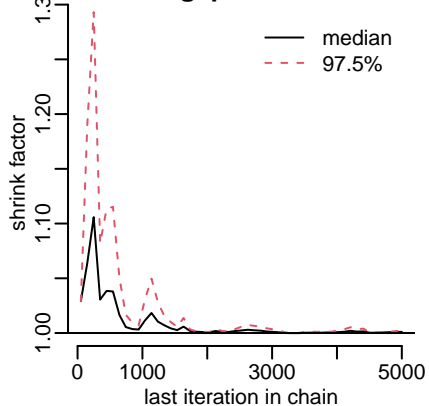
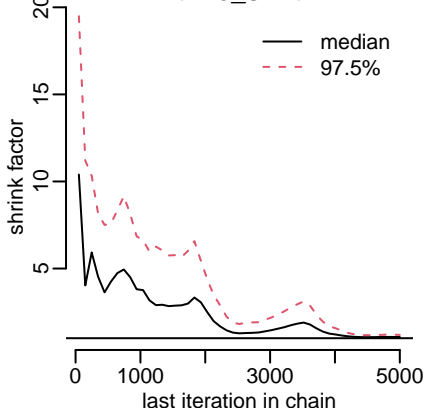
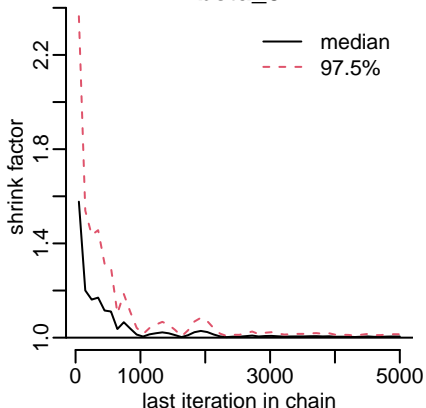
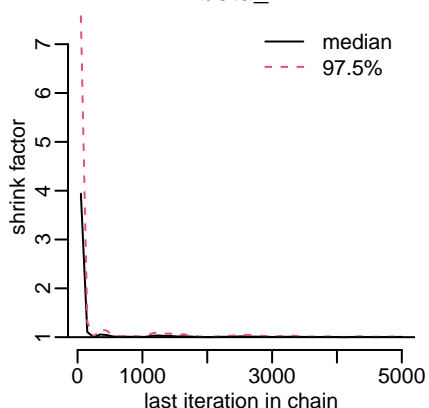


**Trace of log\_delta**



**Density of log\_delta**



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