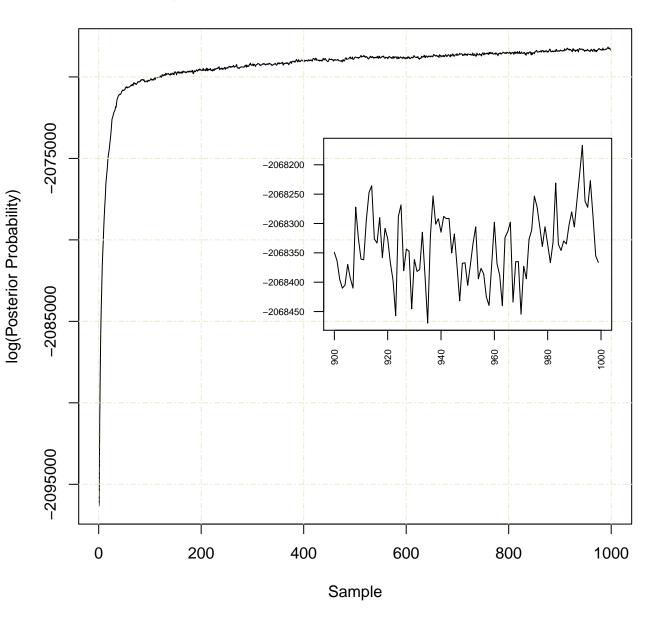
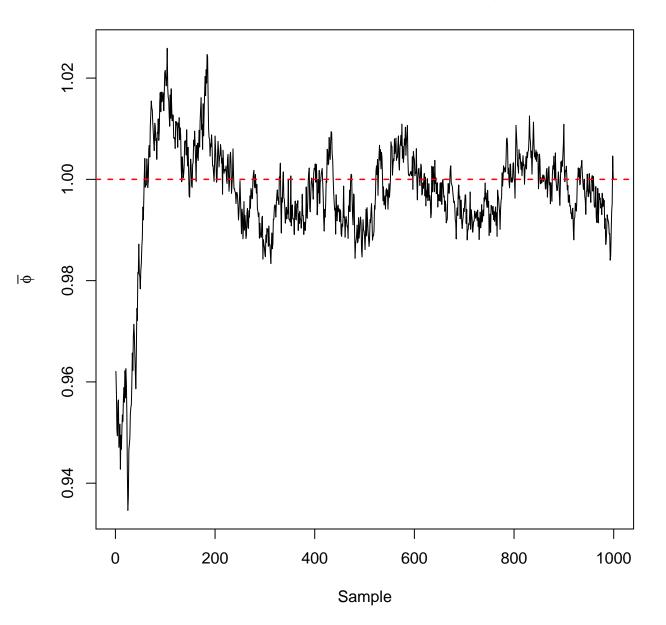
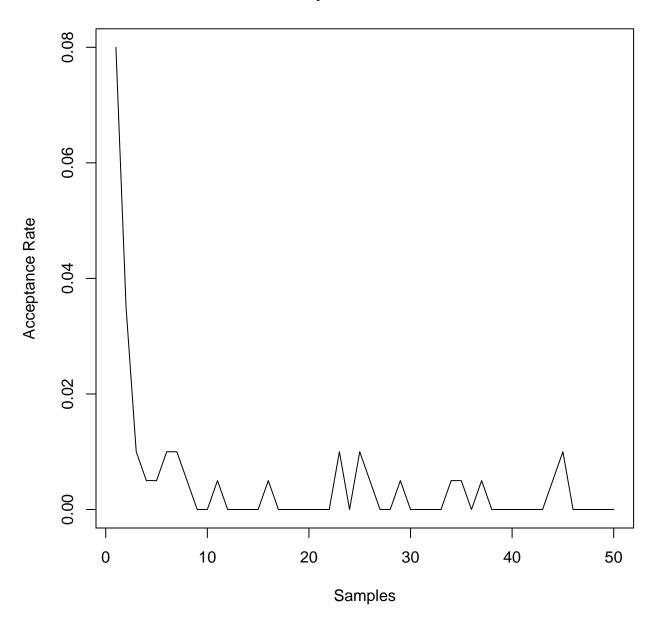
#### log(Posterior Probability): -2068339.88851067



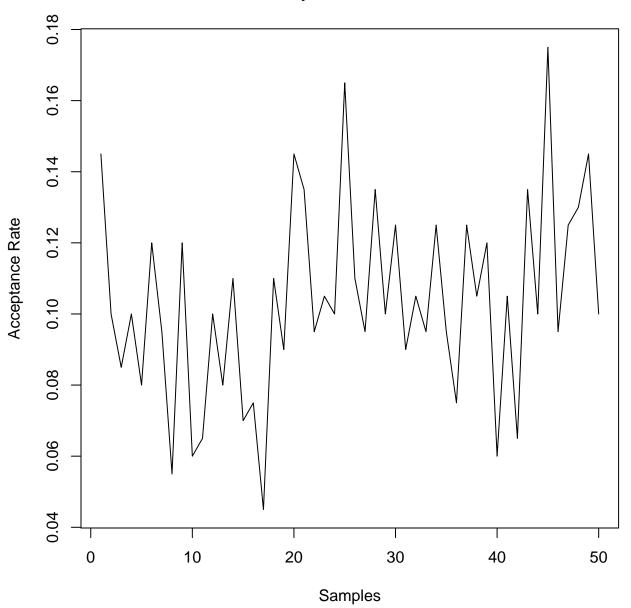
# Trace of the Expected value of $\,\phi$



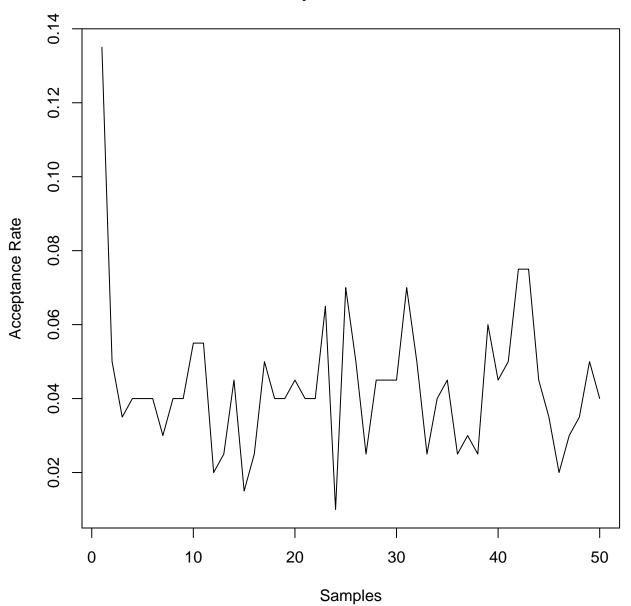
## **Acceptace Rate for A**



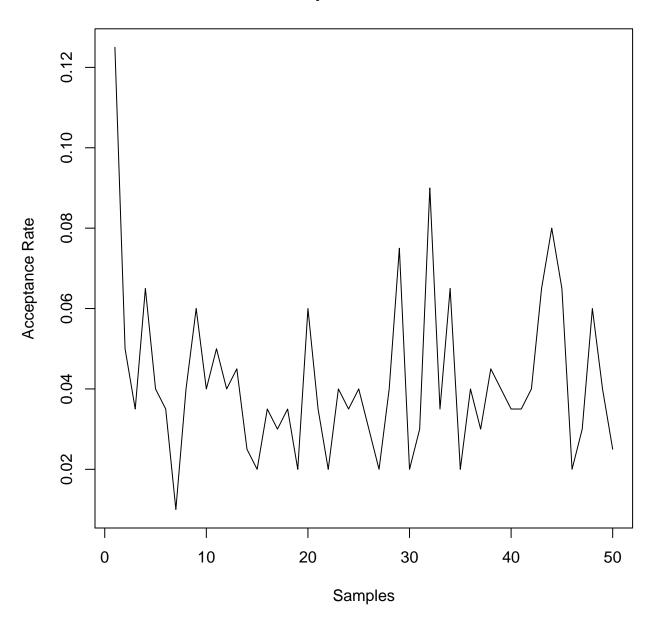
## **Acceptace Rate for C**



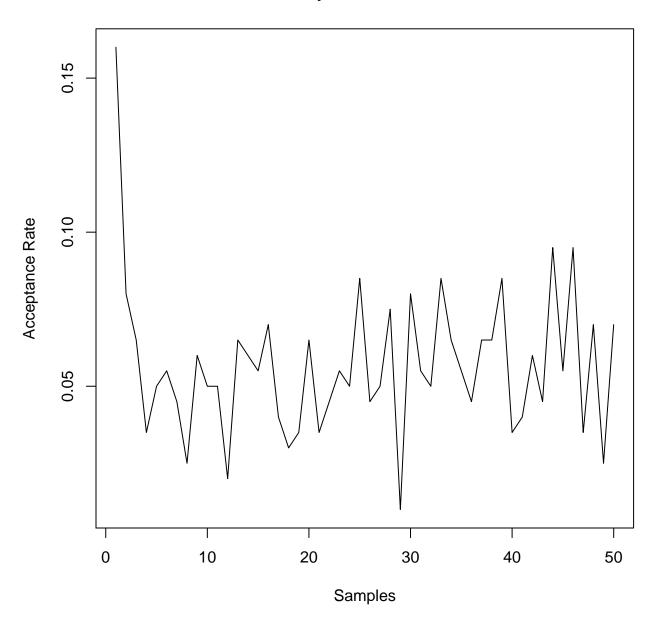
## Acceptace Rate for D



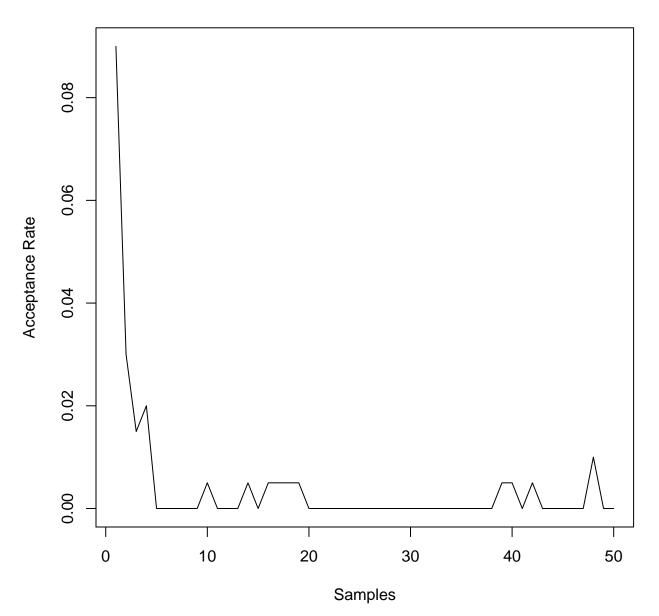
## Acceptace Rate for E



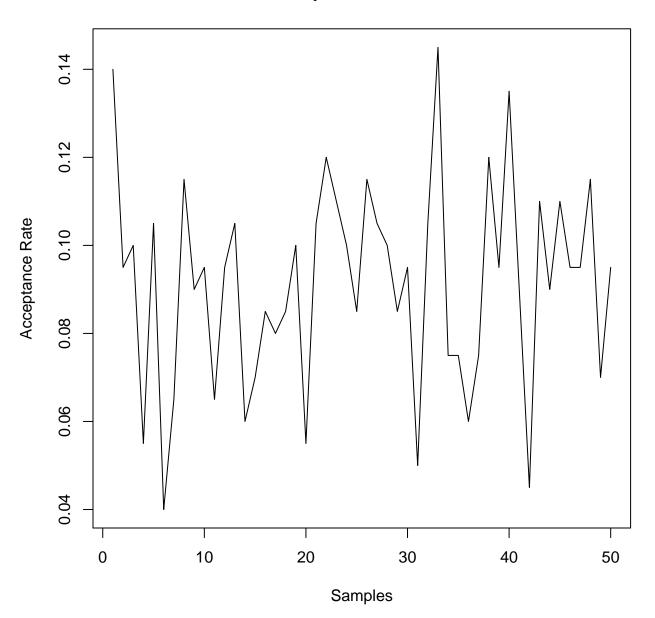
## **Acceptace Rate for F**



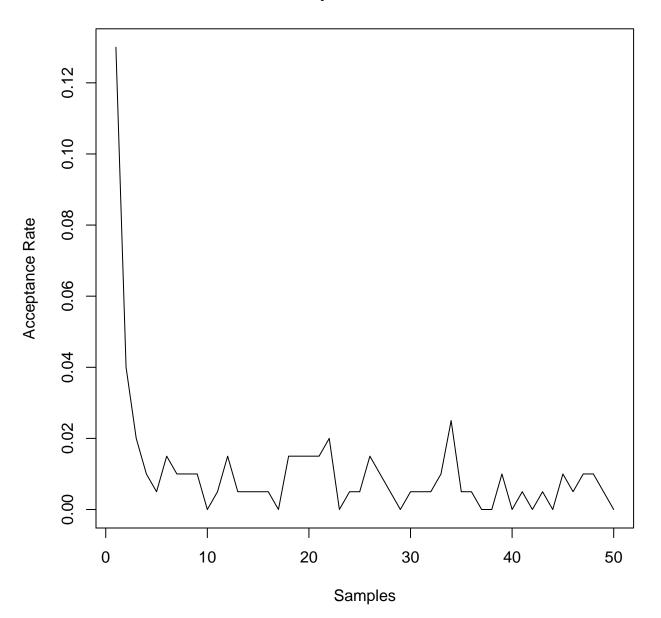
## **Acceptace Rate for G**



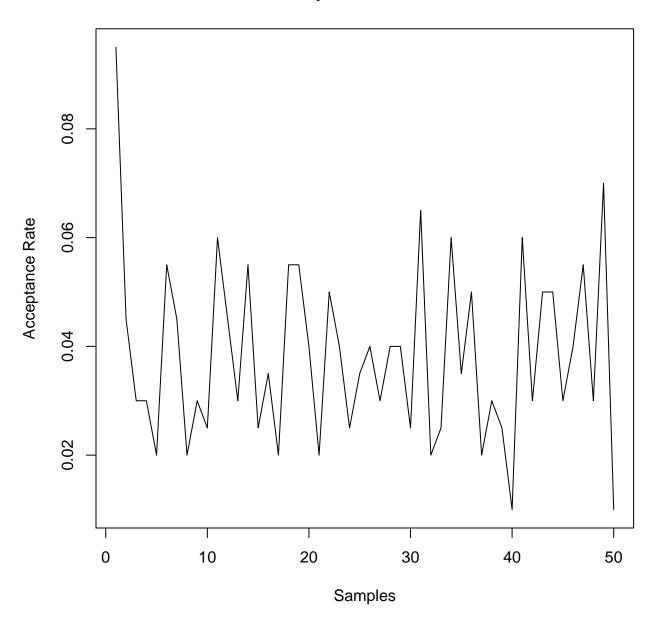
## Acceptace Rate for H



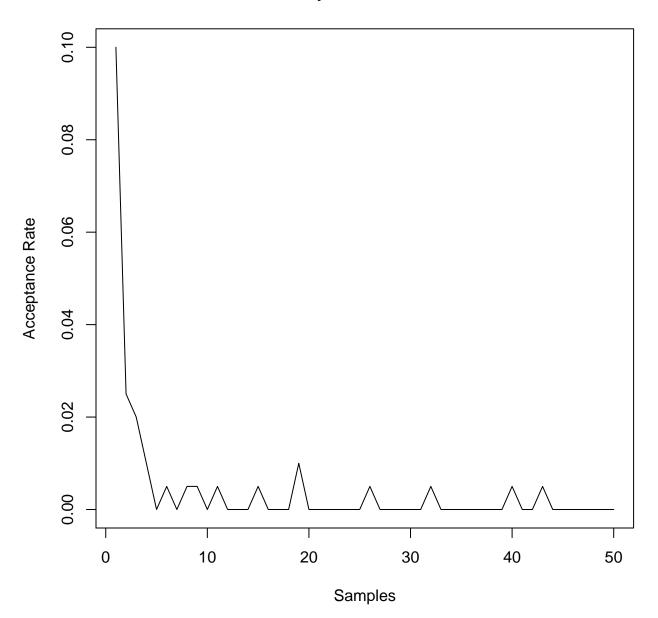
## Acceptace Rate for I



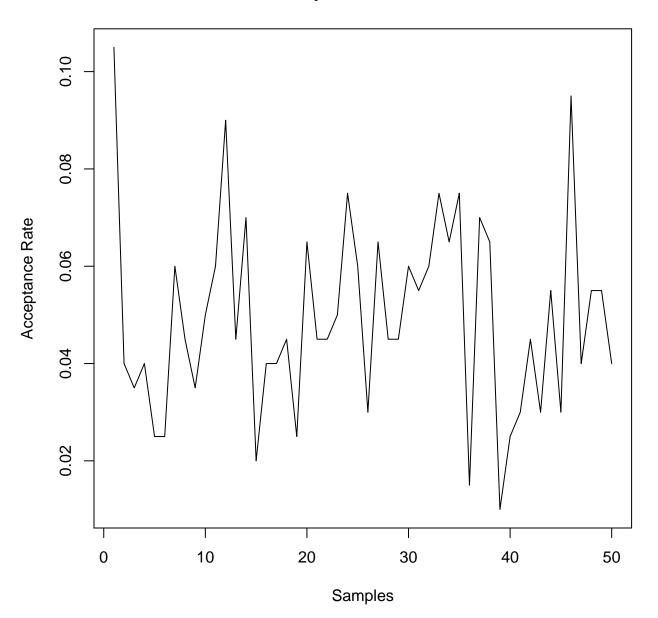
## **Acceptace Rate for K**



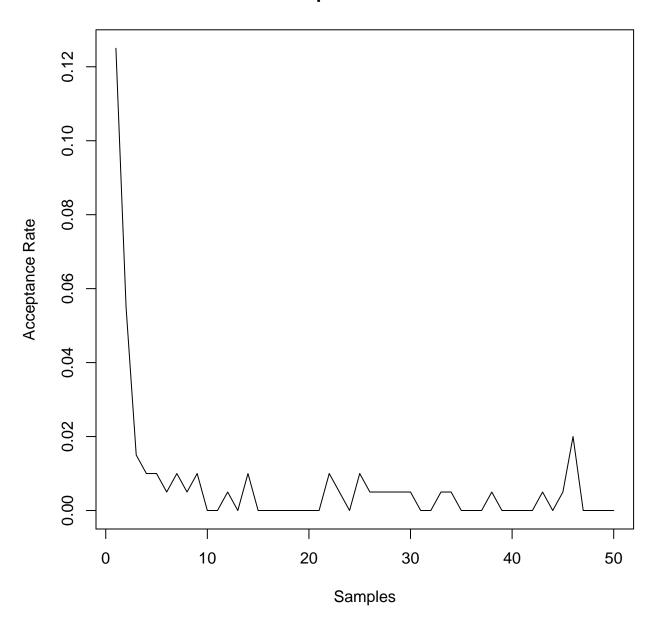
## Acceptace Rate for L



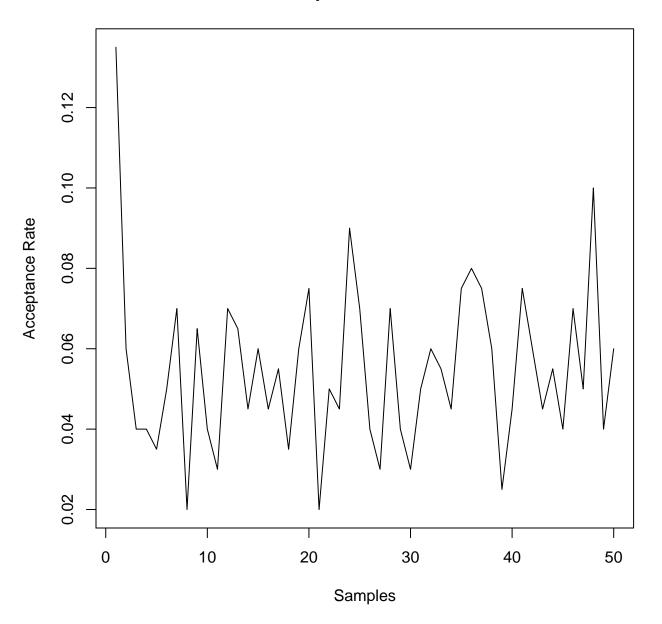
## **Acceptace Rate for N**



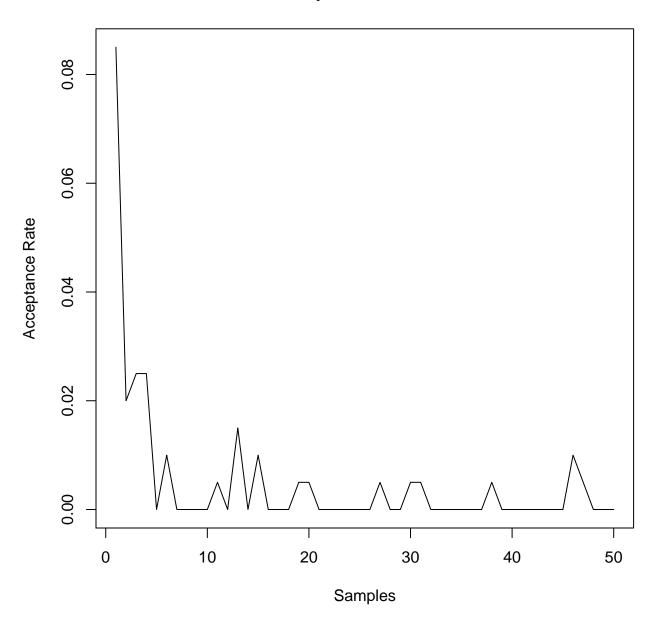
## **Acceptace Rate for P**



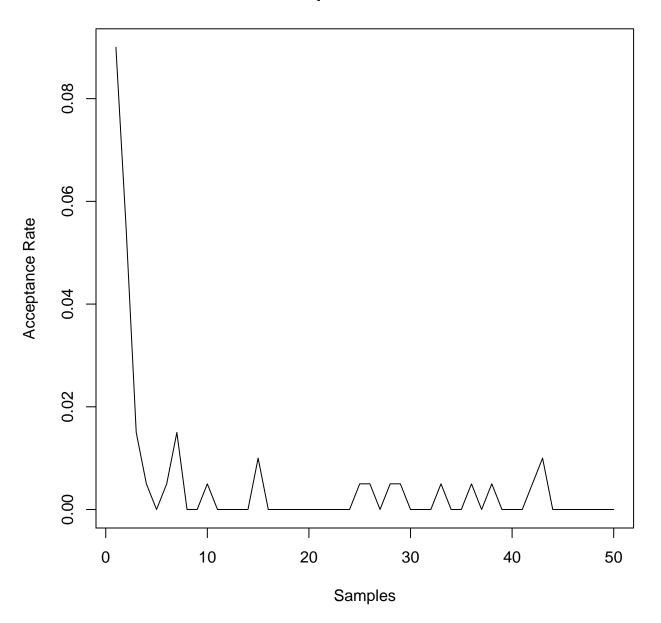
## Acceptace Rate for Q



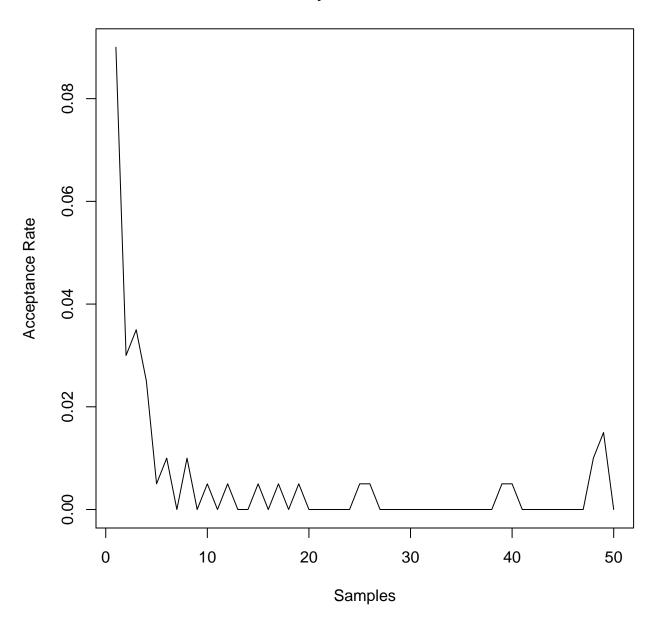
## Acceptace Rate for R



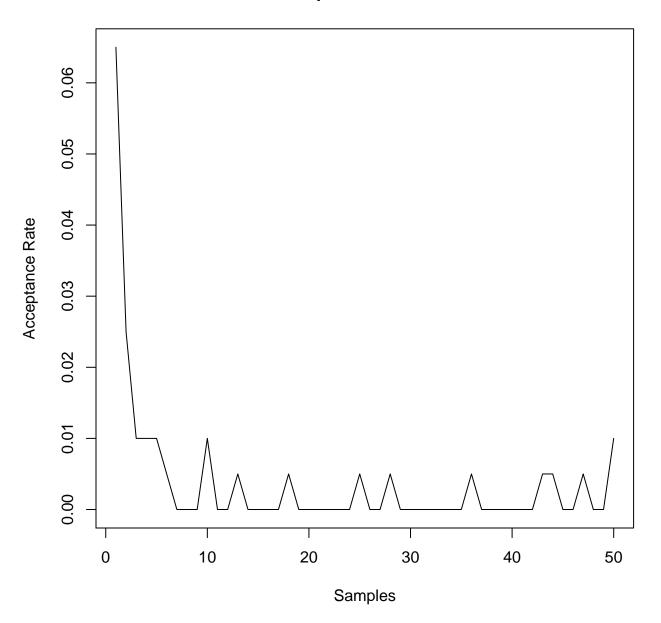
## **Acceptace Rate for S**



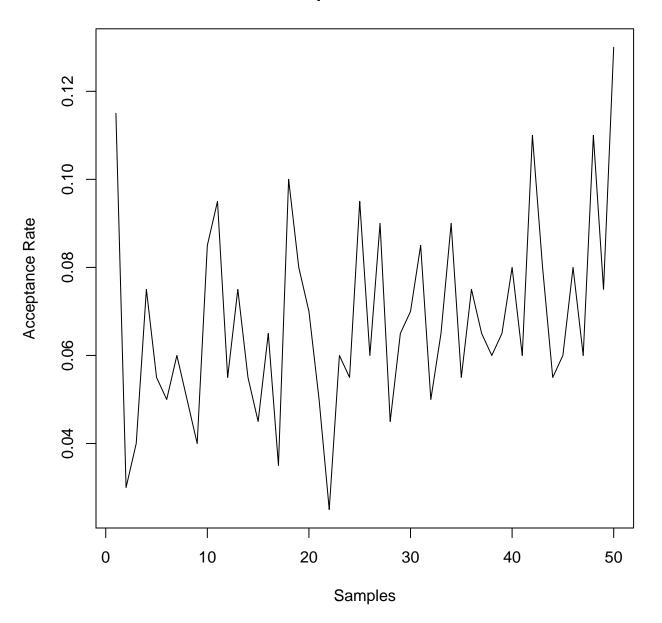
## **Acceptace Rate for T**



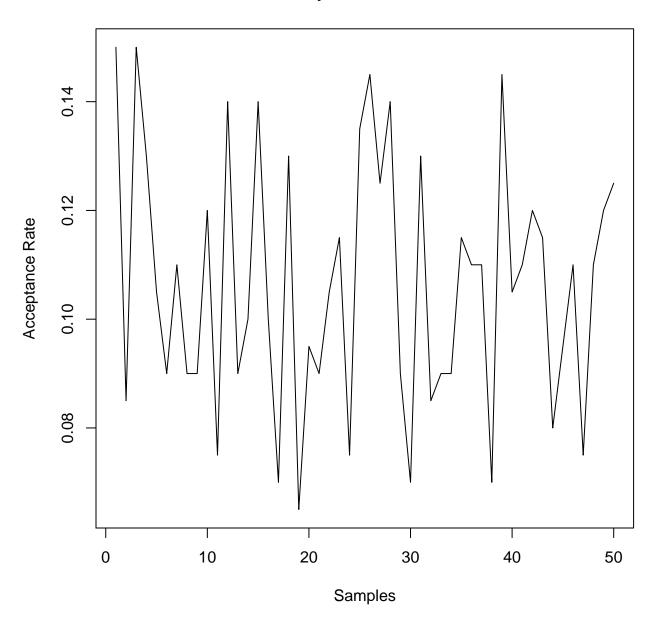
## Acceptace Rate for V



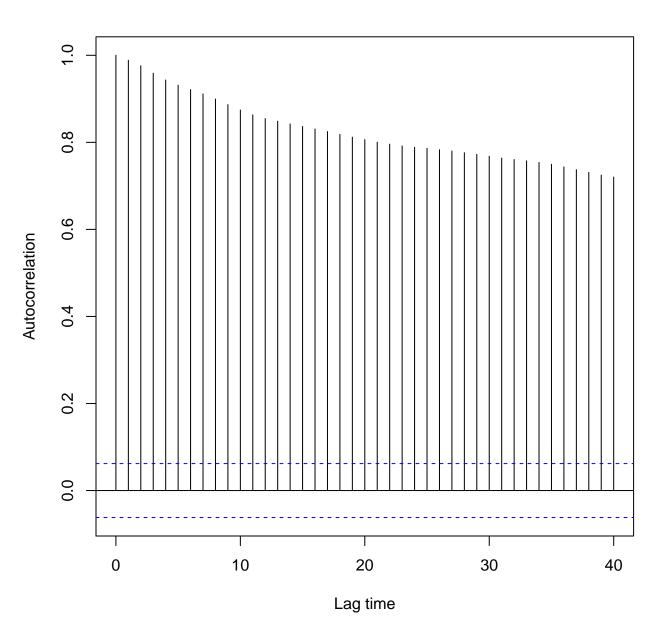
## **Acceptace Rate for Y**



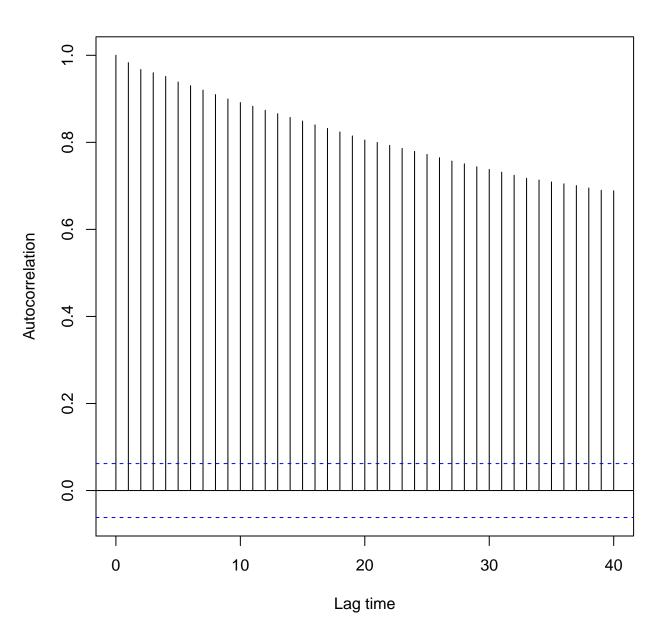
## **Acceptace Rate for Z**



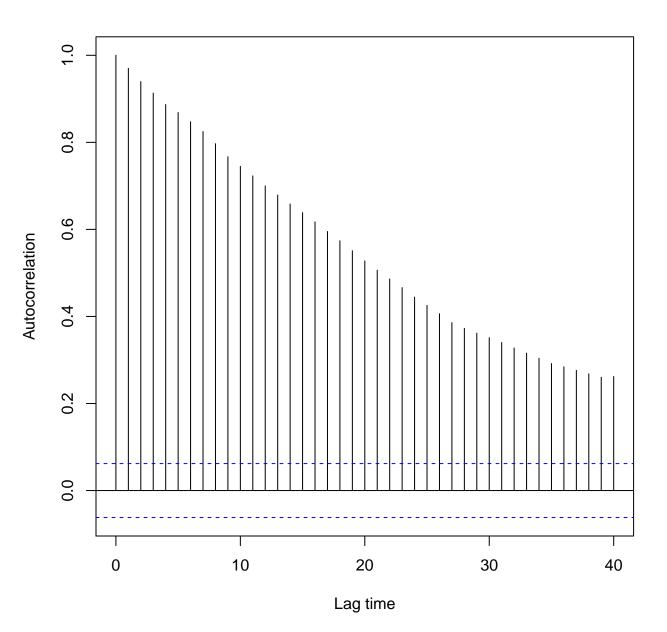
#### **Selection A GCA Mixture: 1**



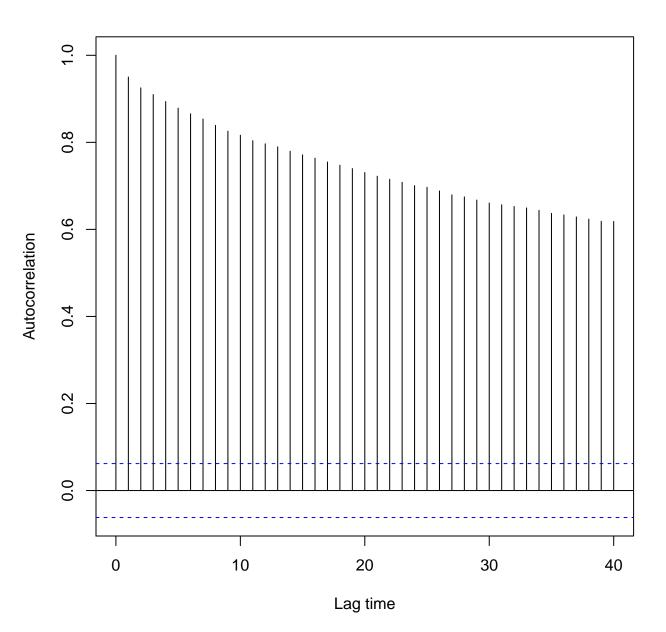
#### **Selection A GCC Mixture: 1**



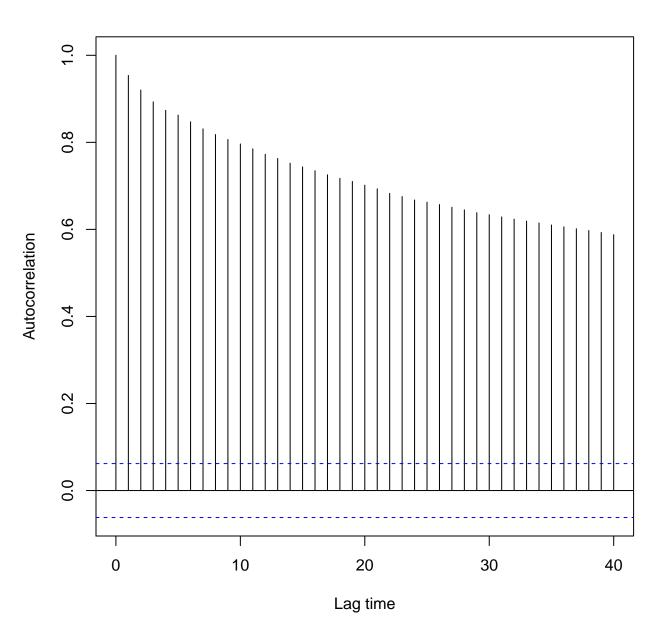
#### **Selection A GCG Mixture: 1**



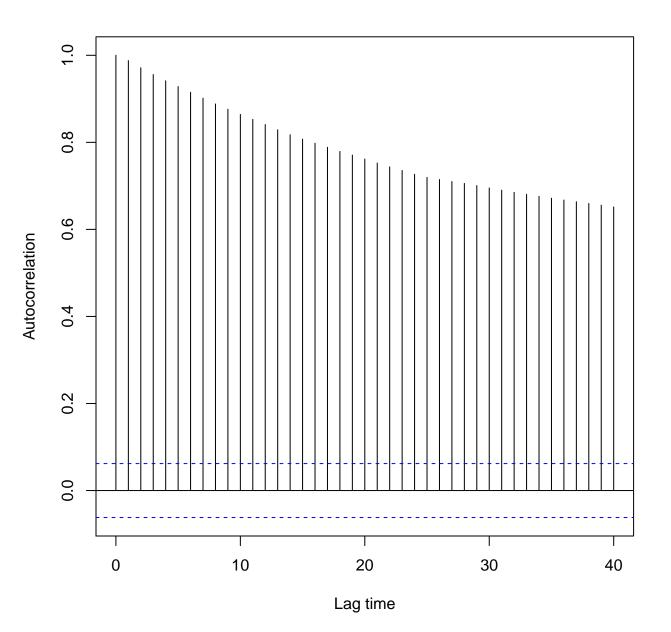
#### **Selection C TGC Mixture: 1**



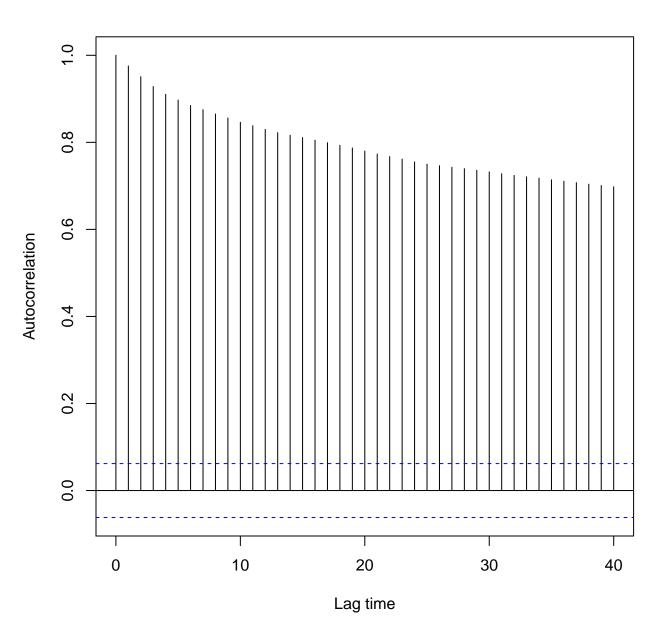
#### **Selection D GAC Mixture: 1**



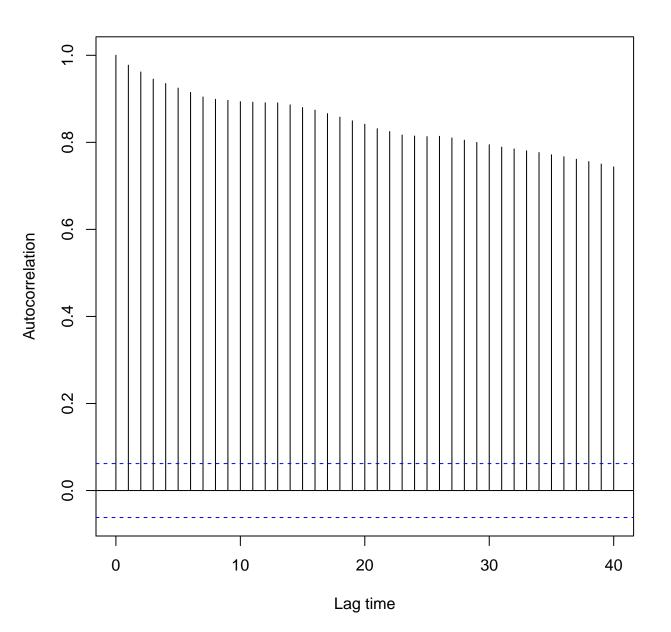
#### **Selection E GAA Mixture: 1**



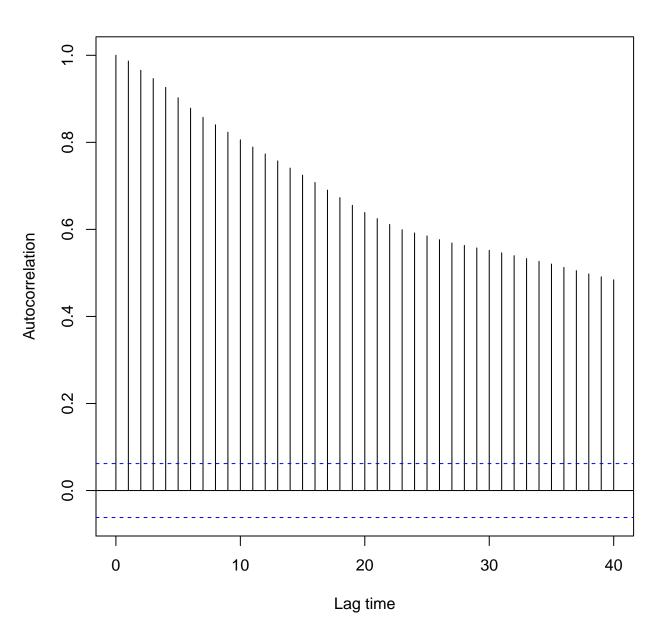
#### **Selection F TTC Mixture: 1**



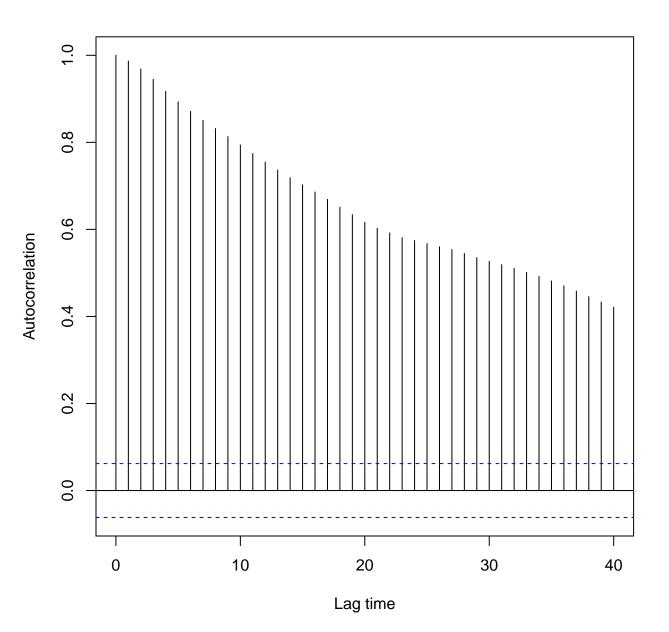
#### **Selection G GGA Mixture: 1**



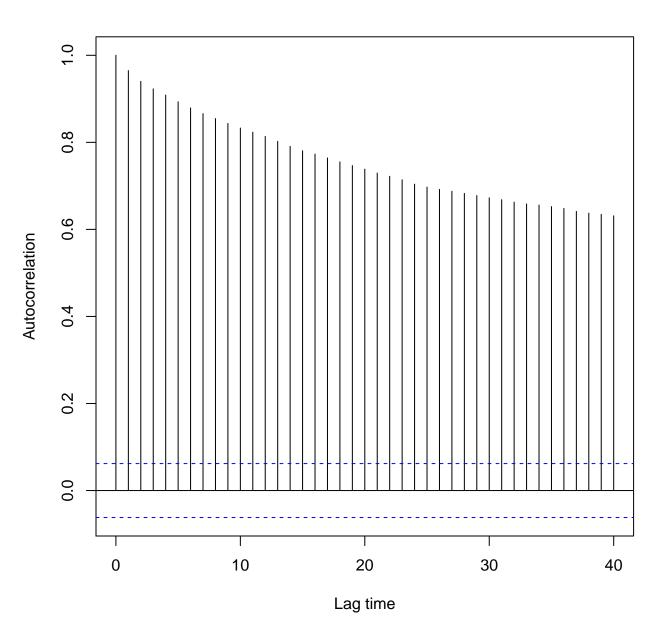
#### **Selection G GGC Mixture: 1**



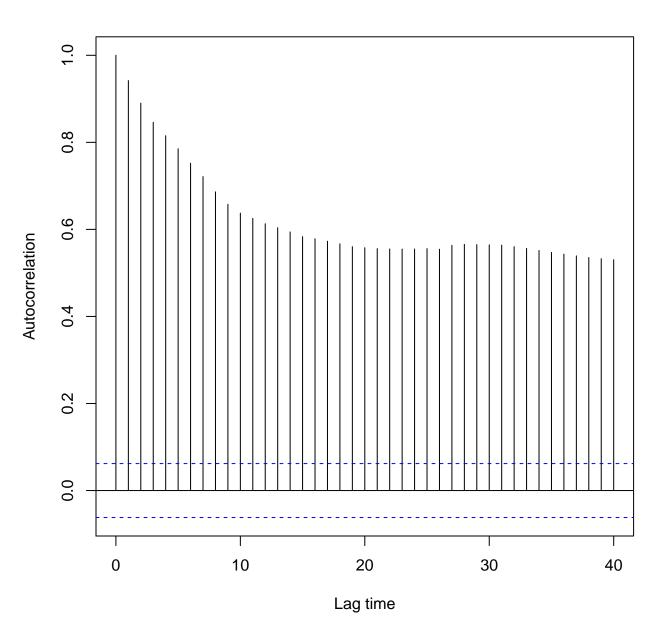
#### **Selection G GGG Mixture: 1**



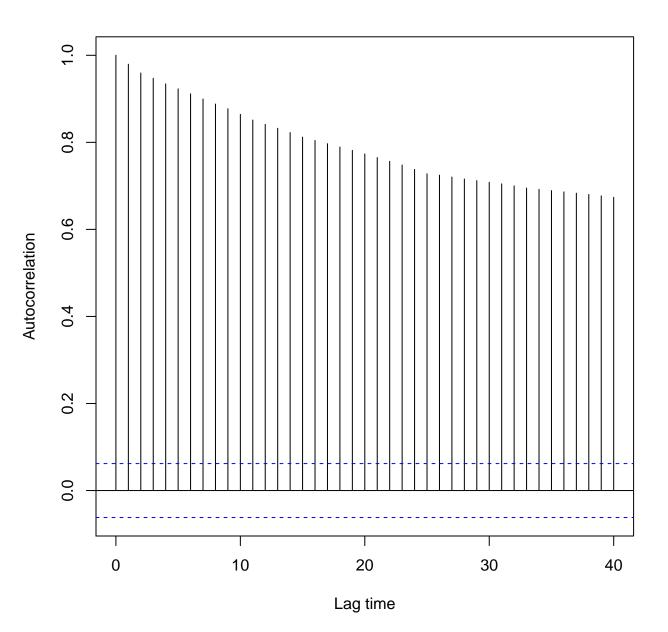
#### **Selection H CAC Mixture: 1**



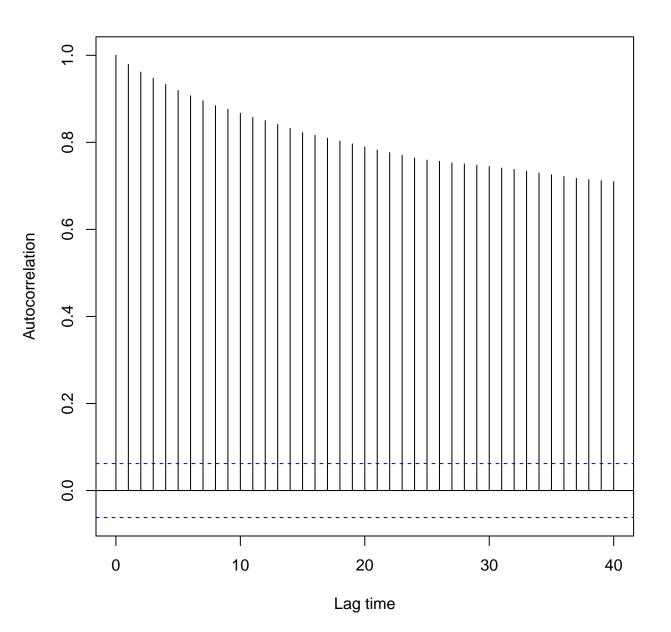
#### **Selection I ATA Mixture: 1**



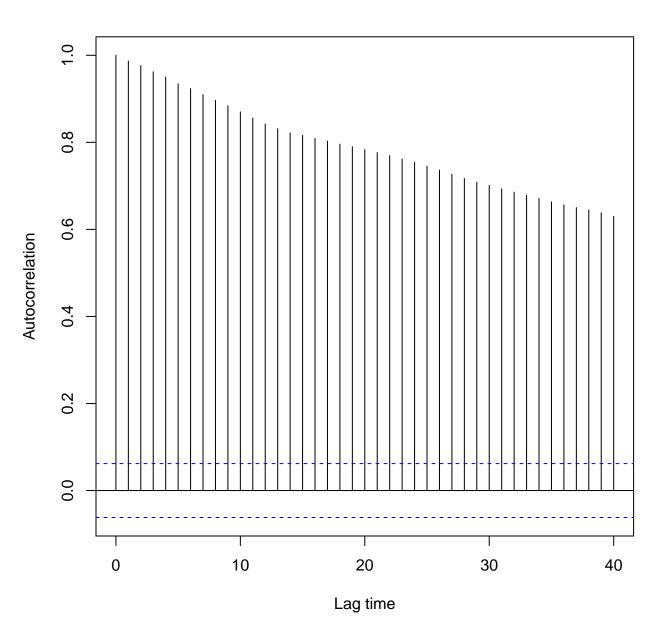
#### **Selection I ATC Mixture: 1**



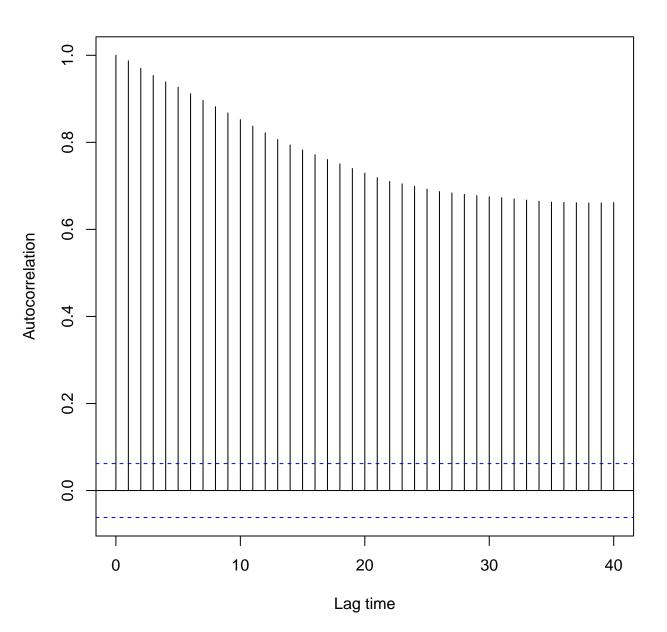
#### **Selection K AAA Mixture: 1**



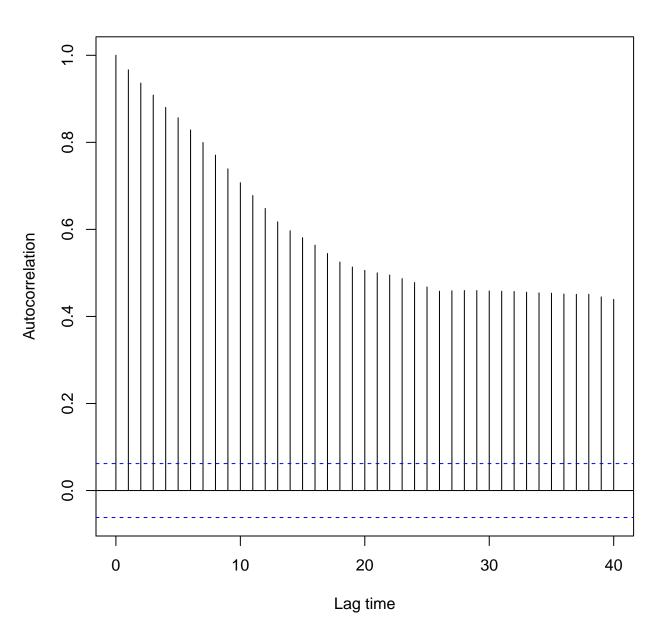
#### **Selection L CTA Mixture: 1**



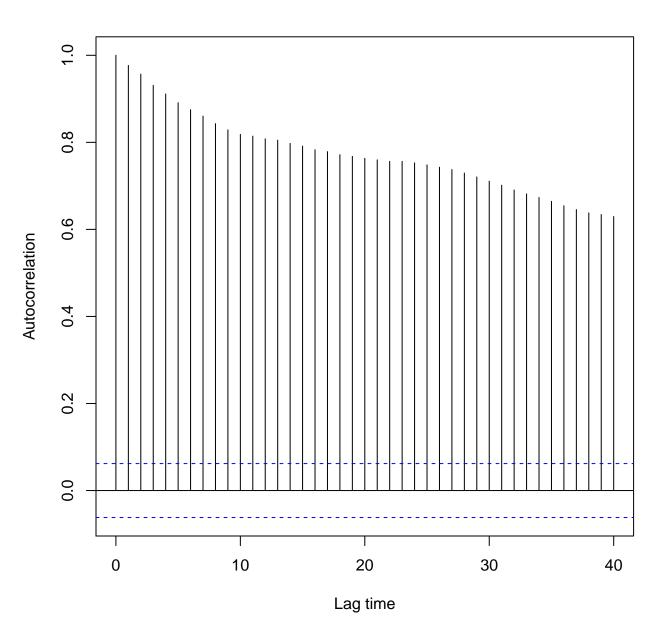
# **Selection L CTC Mixture: 1**



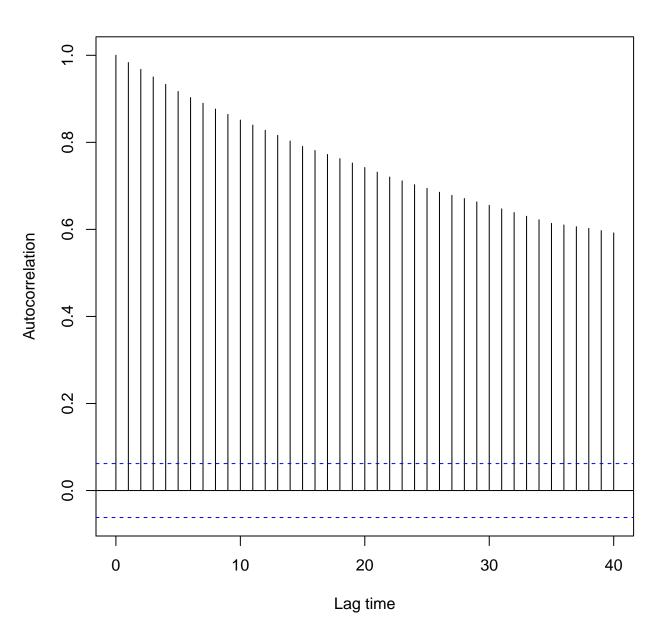
### **Selection L CTG Mixture: 1**



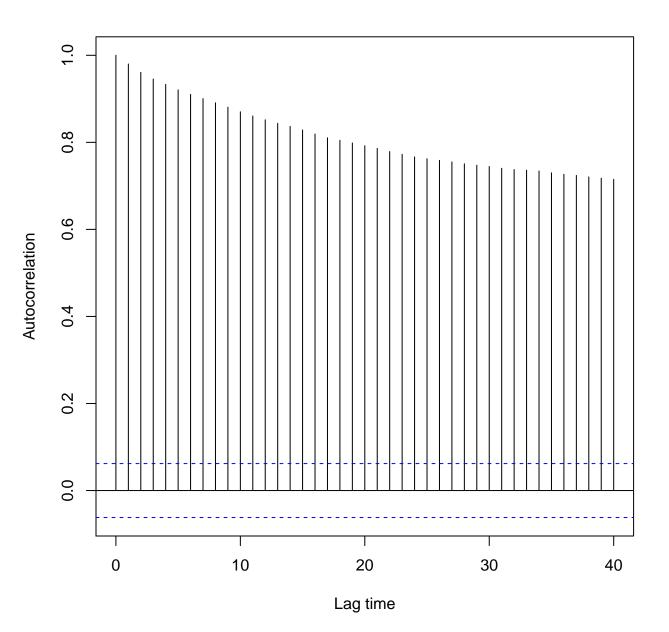
### **Selection L CTT Mixture: 1**



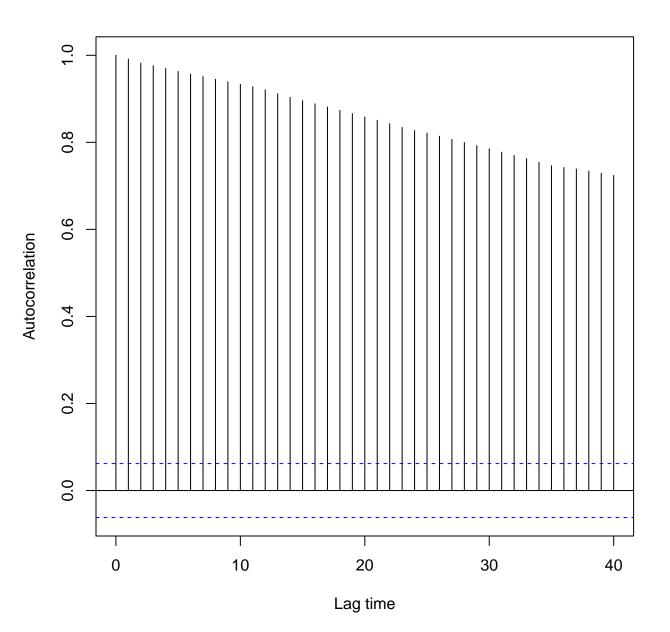
## **Selection L TTA Mixture: 1**



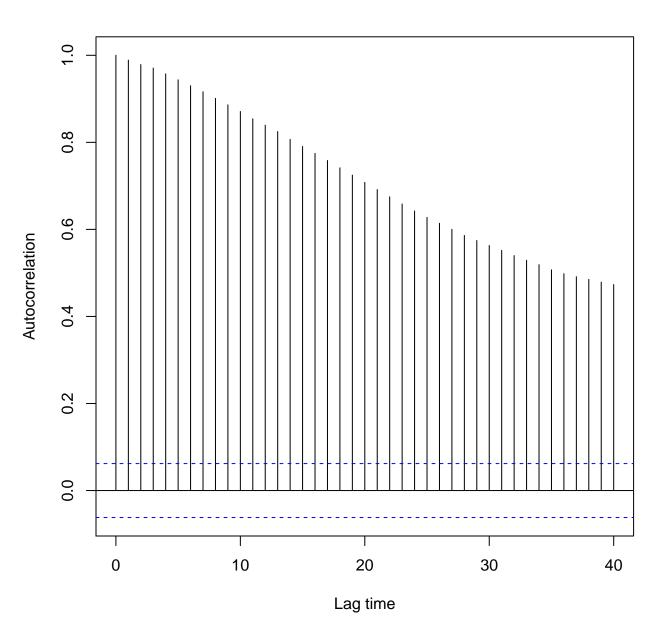
### **Selection N AAC Mixture: 1**



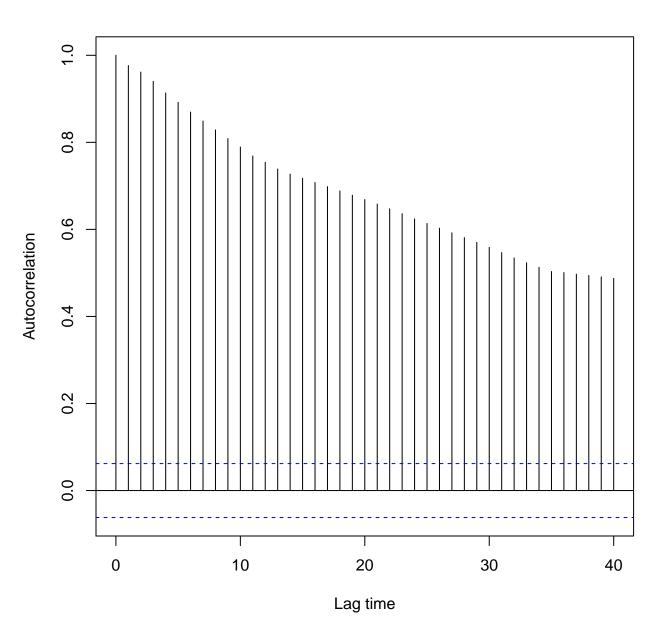
### **Selection P CCA Mixture: 1**



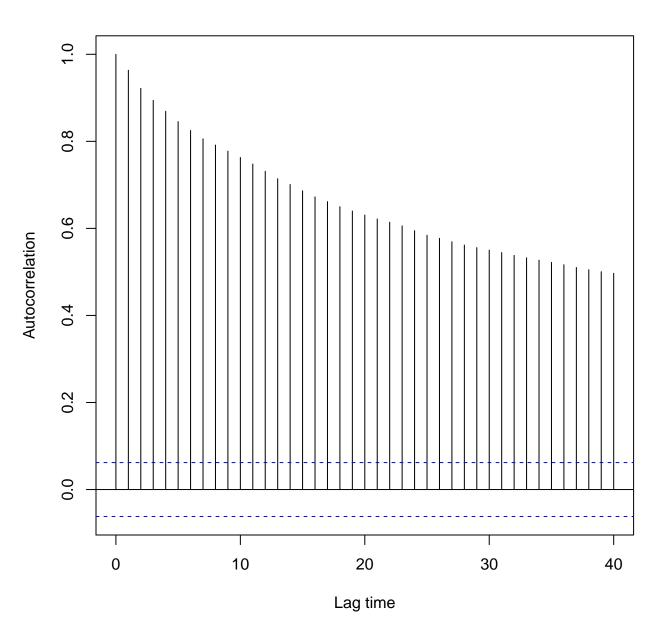
## **Selection P CCC Mixture: 1**



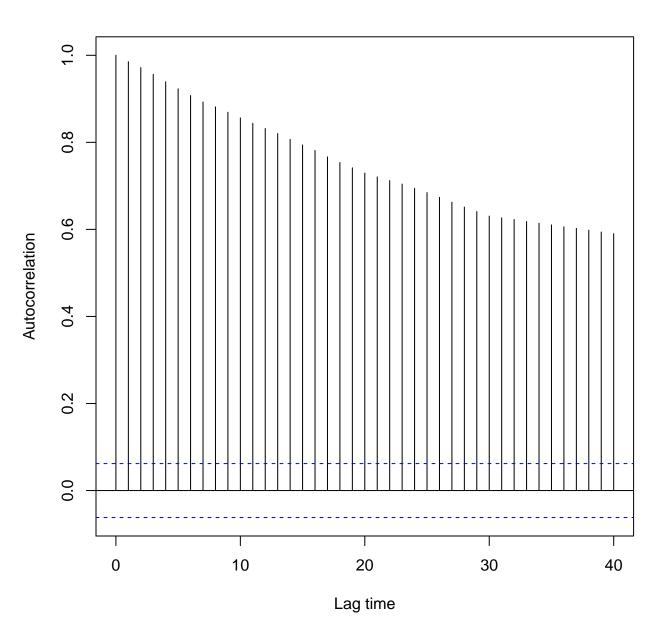
### **Selection P CCG Mixture: 1**



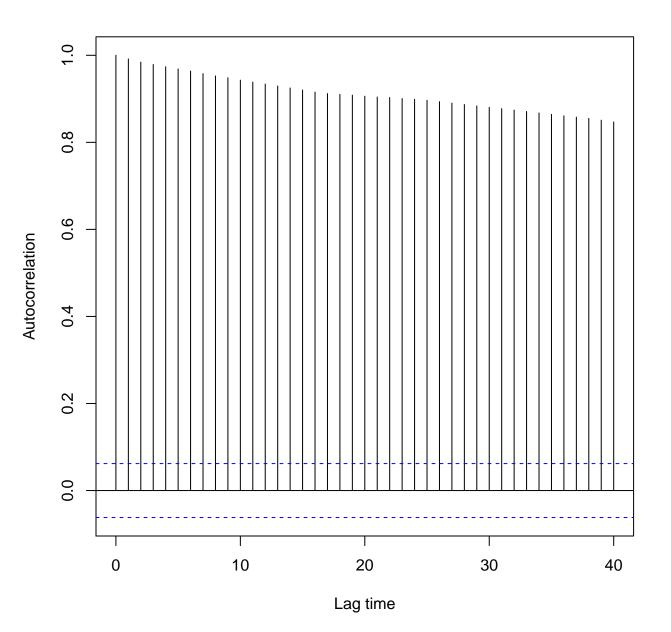
## **Selection Q CAA Mixture: 1**



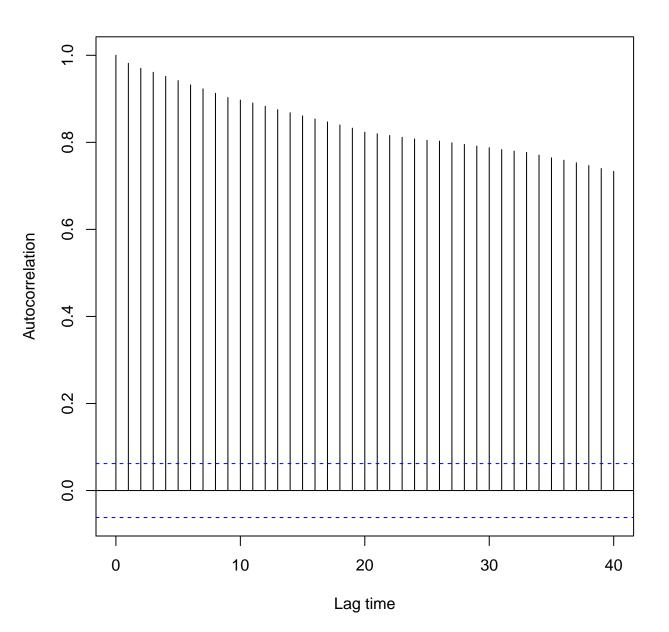
## **Selection R AGA Mixture: 1**



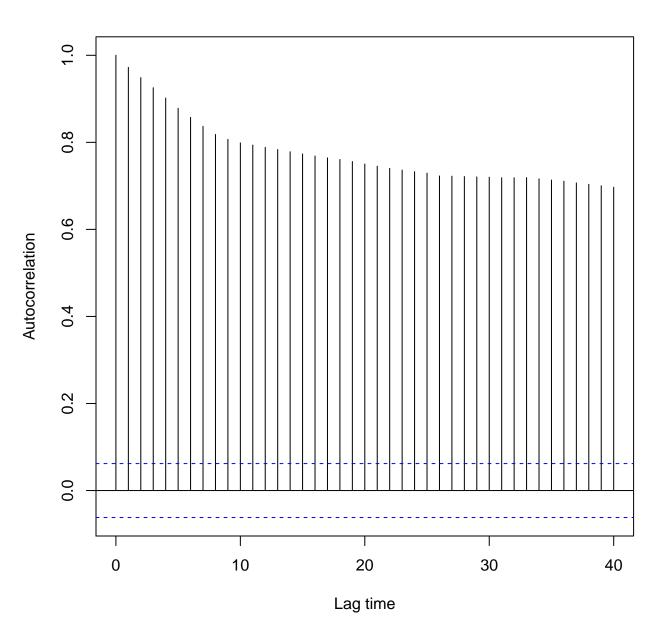
### **Selection R AGG Mixture: 1**



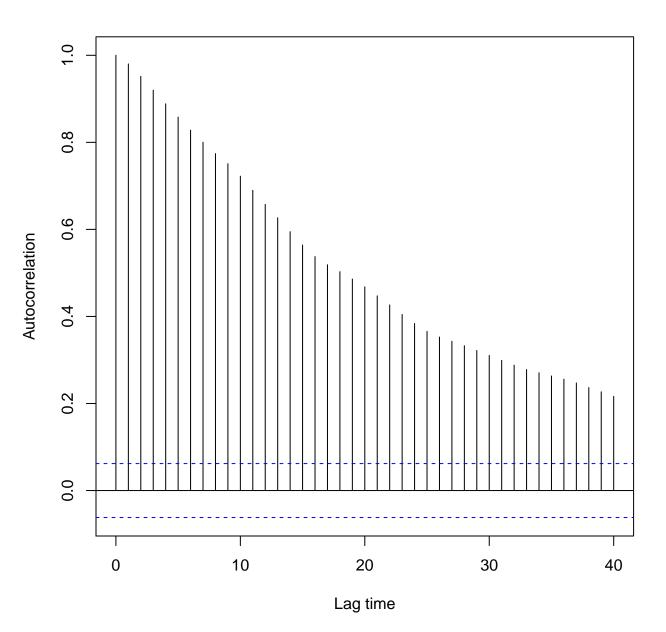
## **Selection R CGA Mixture: 1**



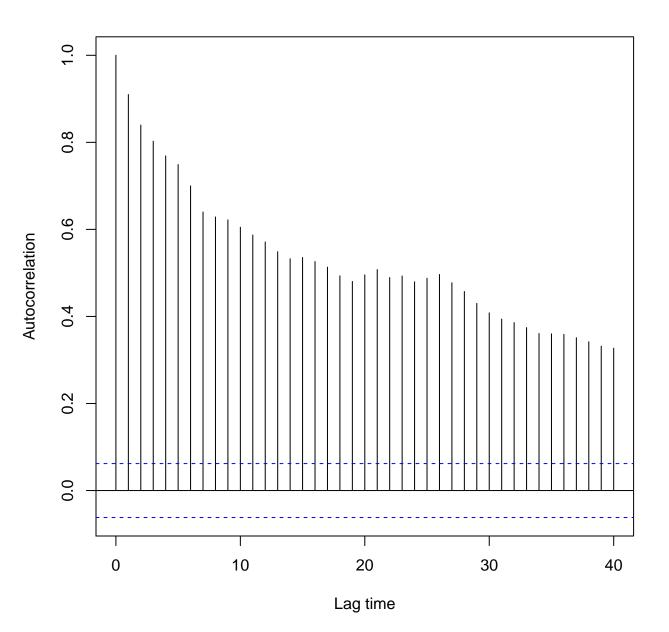
## **Selection R CGC Mixture: 1**



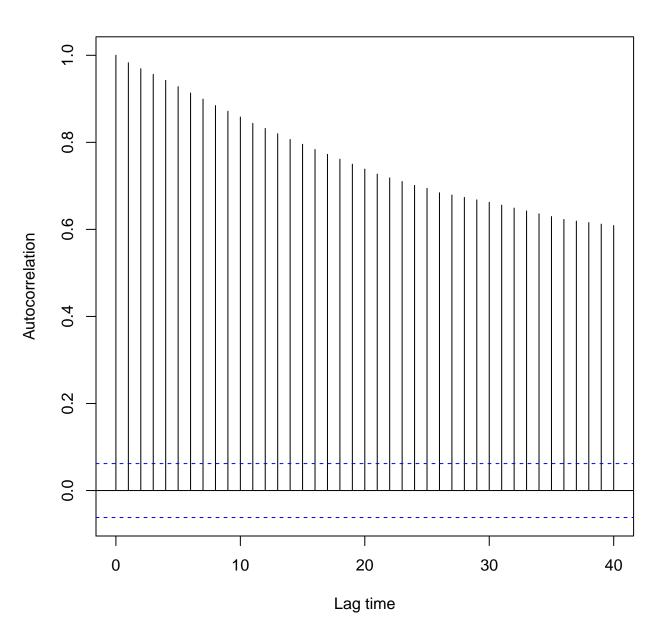
## **Selection R CGG Mixture: 1**



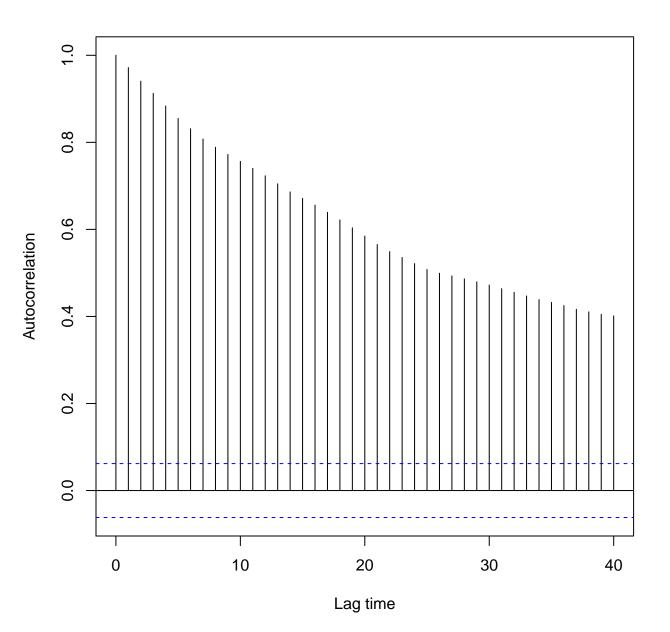
### **Selection S TCA Mixture: 1**



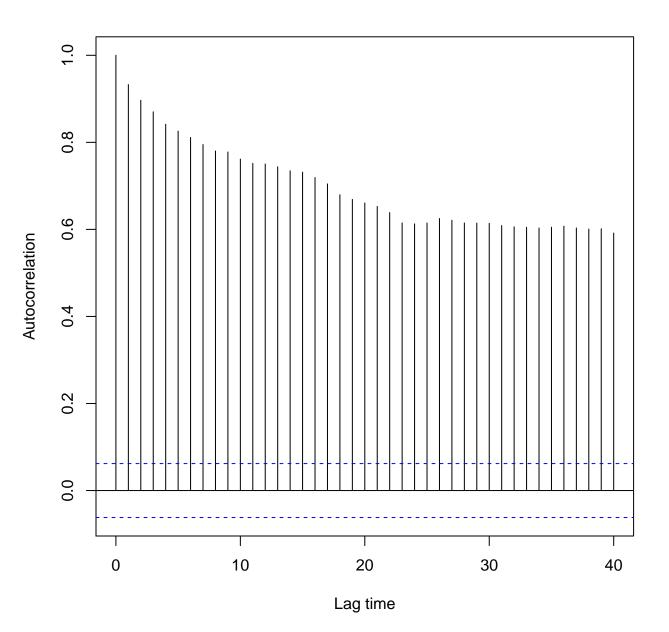
## **Selection S TCC Mixture: 1**



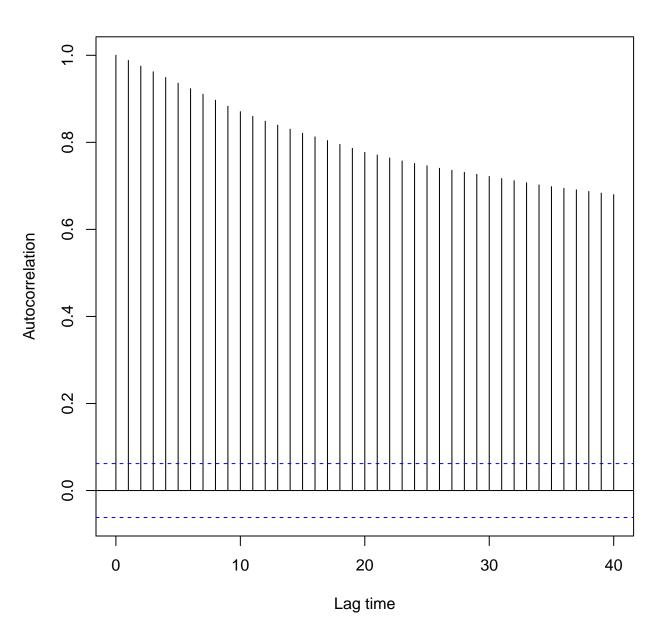
### **Selection S TCG Mixture: 1**



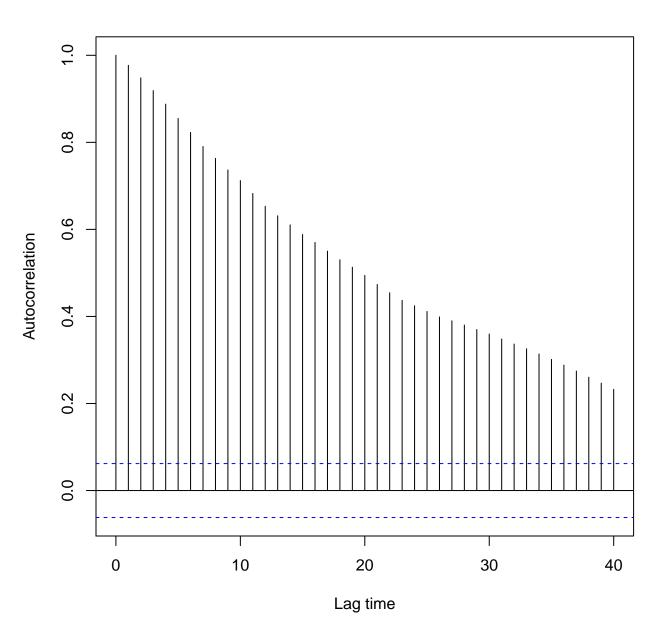
## **Selection T ACA Mixture: 1**



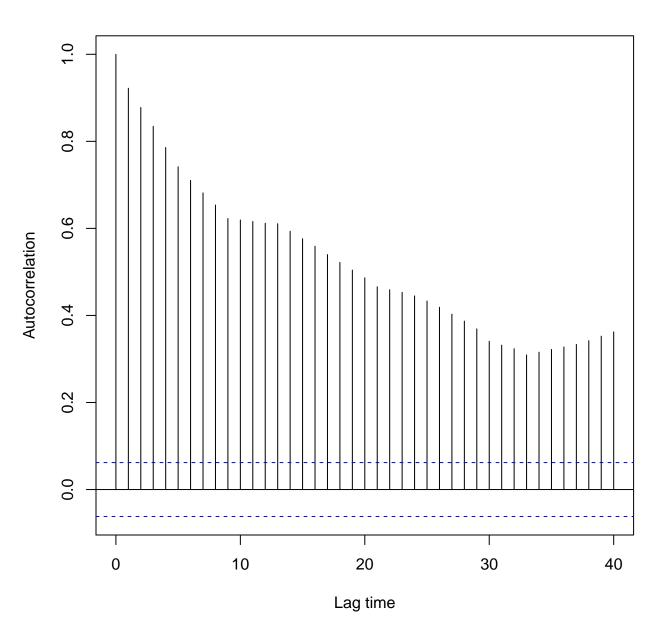
### **Selection T ACC Mixture: 1**



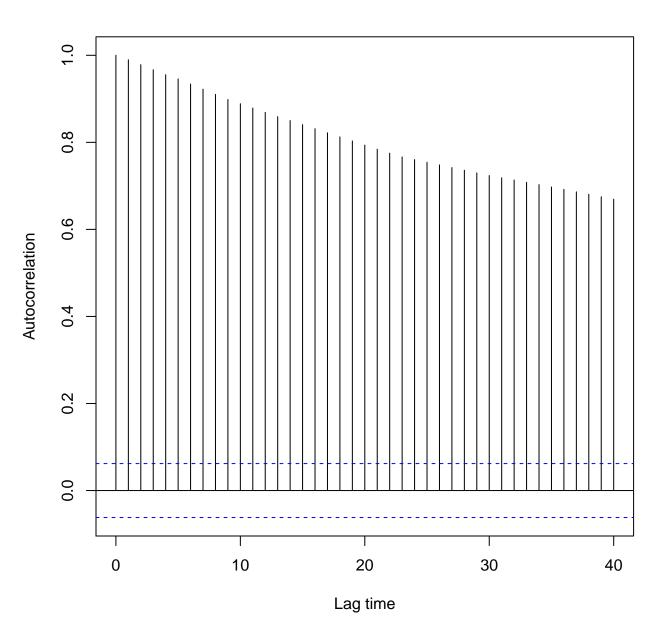
## **Selection T ACG Mixture: 1**



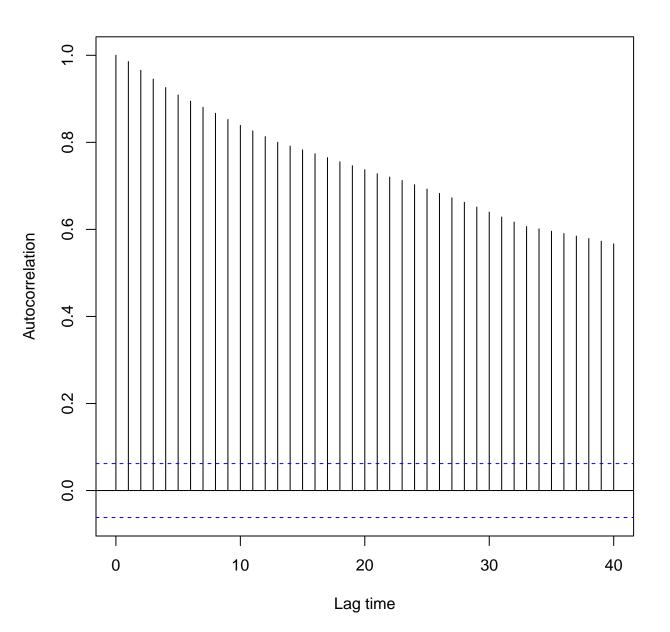
## **Selection V GTA Mixture: 1**



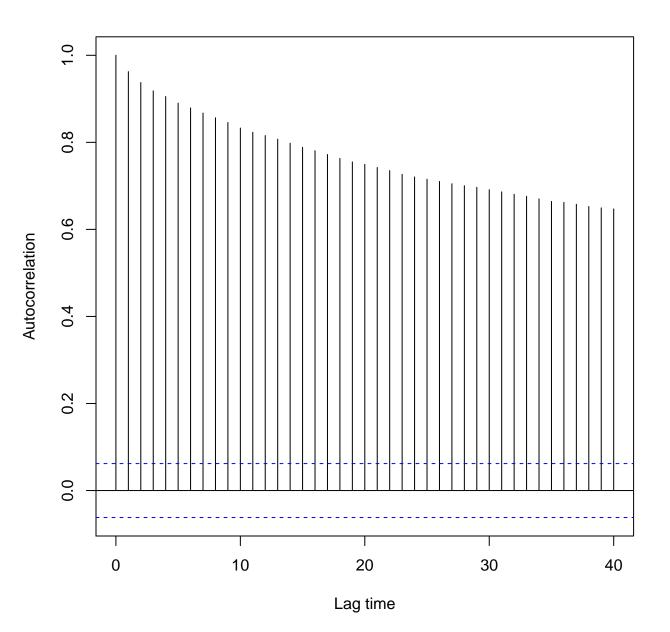
## **Selection V GTC Mixture: 1**



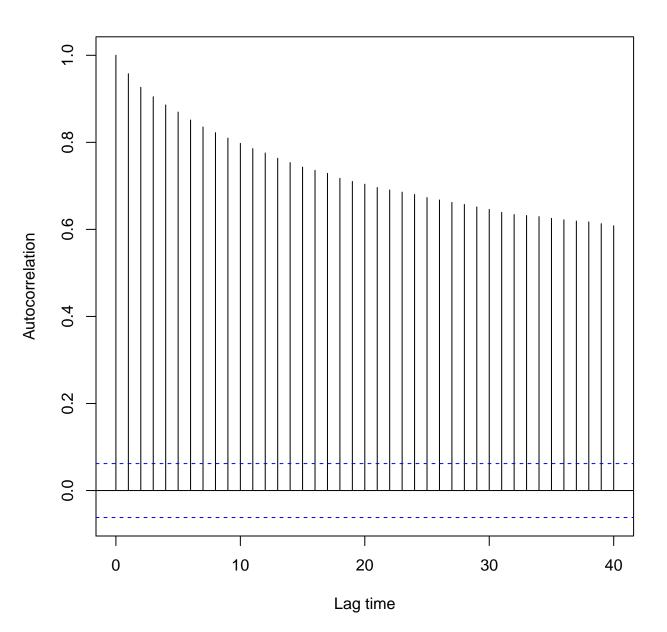
## **Selection V GTG Mixture: 1**



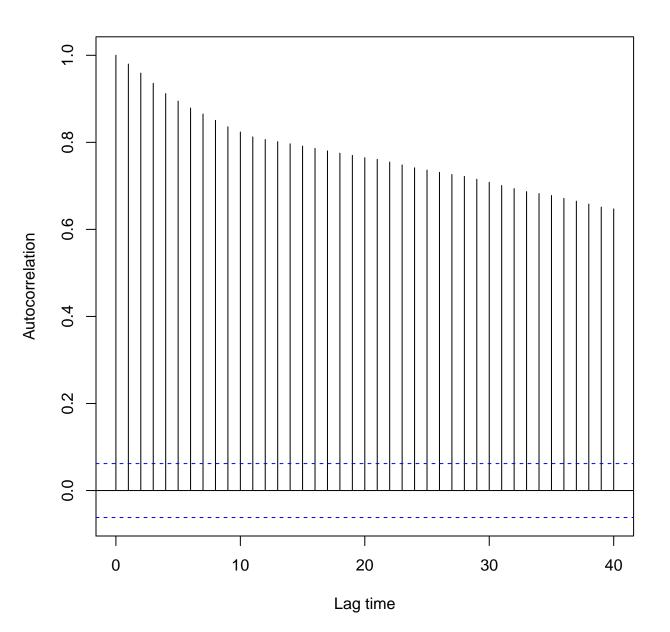
### **Selection Y TAC Mixture: 1**



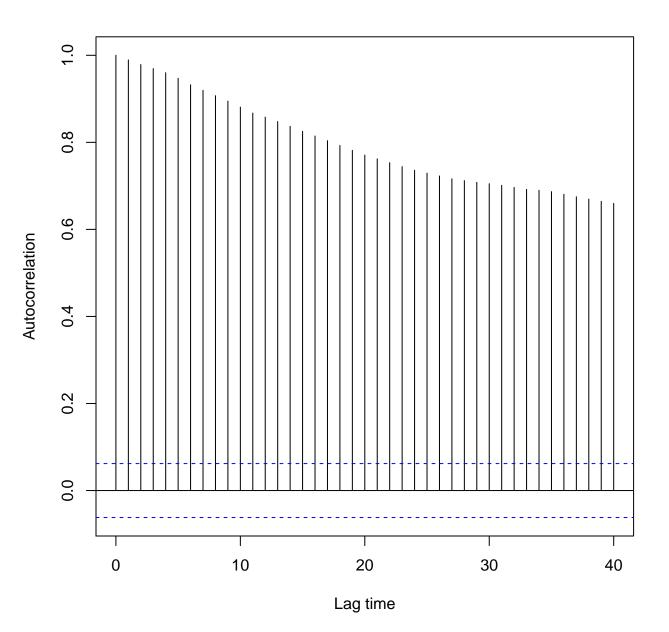
## **Selection Z AGC Mixture: 1**



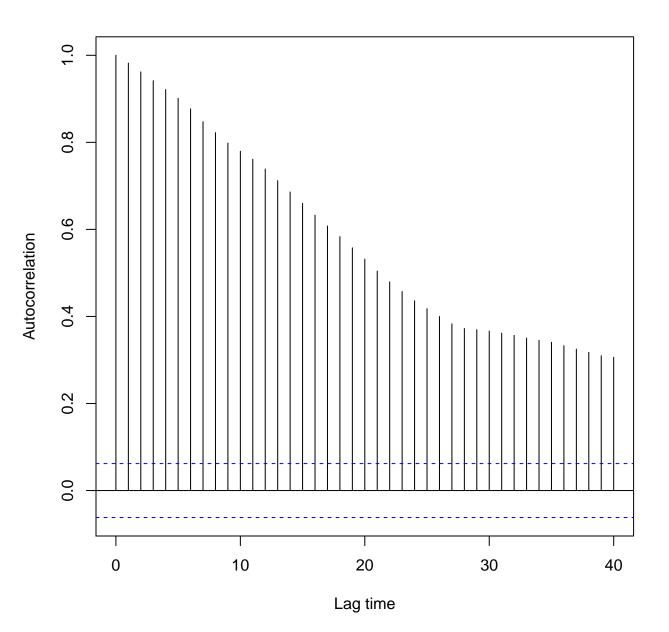
### **Mutation A GCA Mixture: 1**



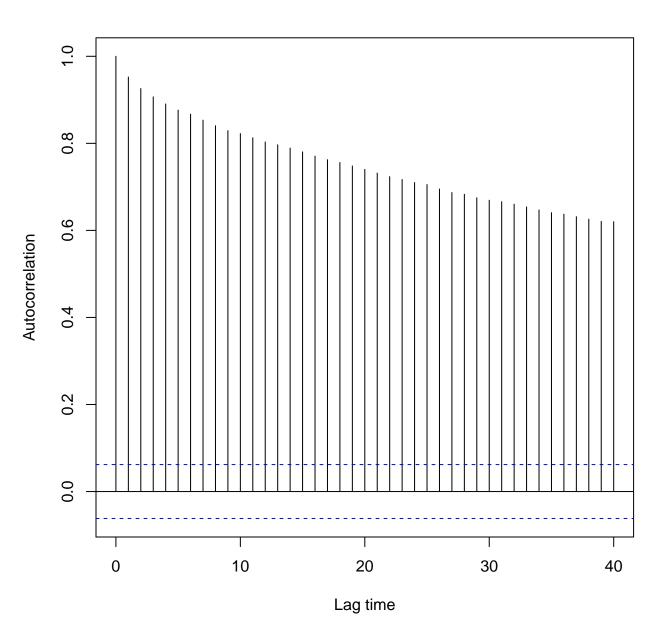
## **Mutation A GCC Mixture: 1**



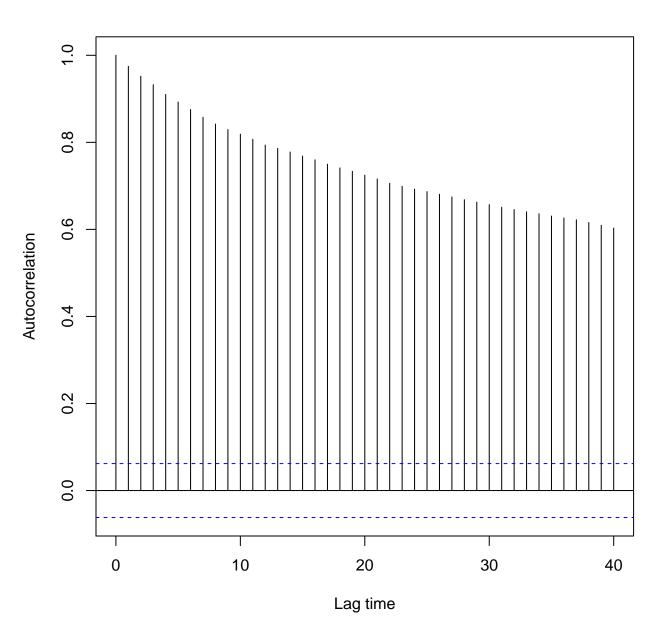
## **Mutation A GCG Mixture: 1**



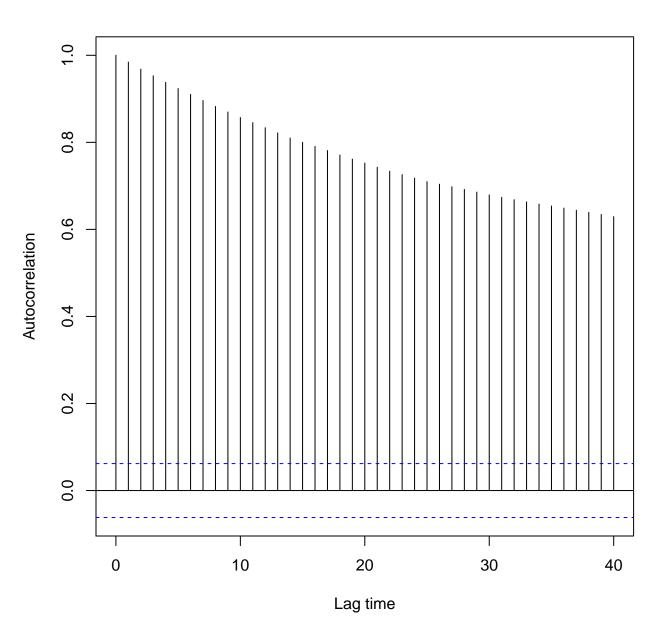
# **Mutation C TGC Mixture: 1**



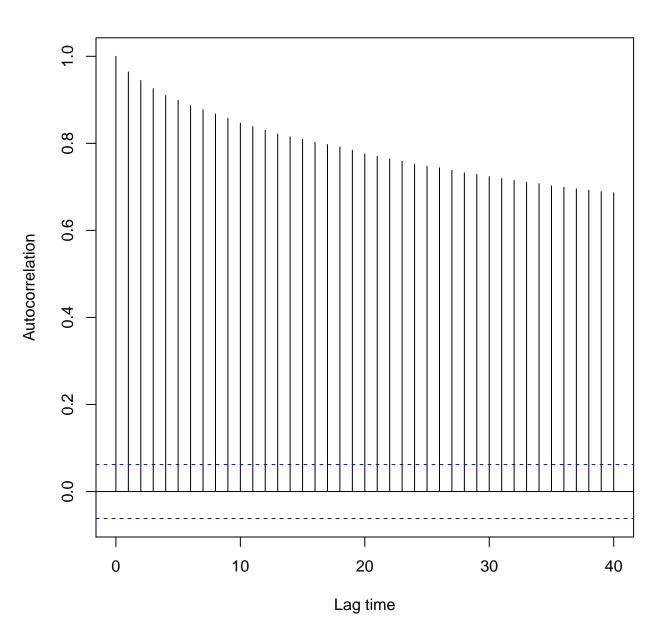
## **Mutation D GAC Mixture: 1**



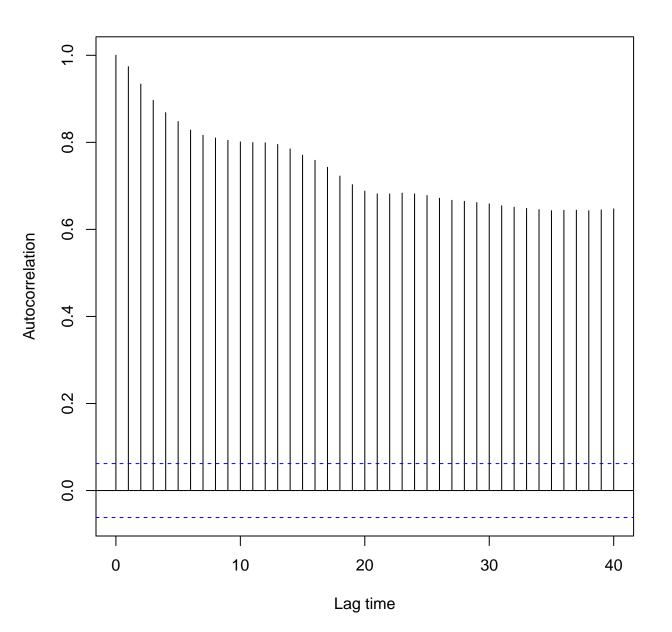
## **Mutation E GAA Mixture: 1**



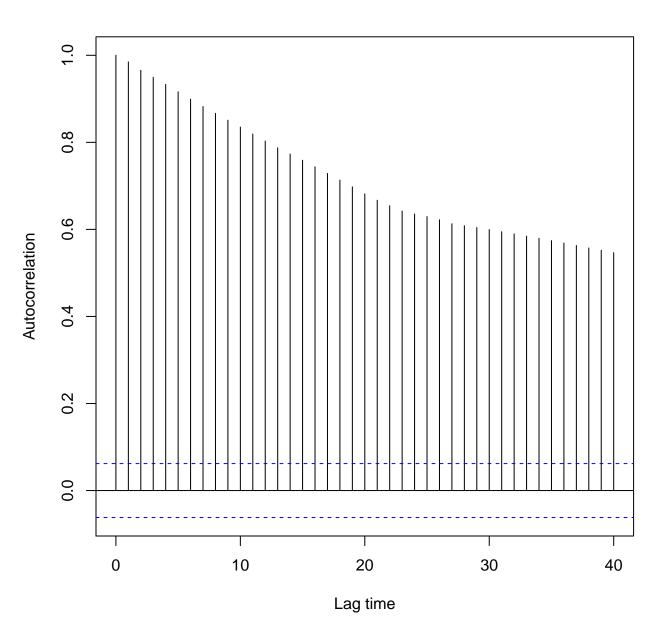
## **Mutation F TTC Mixture: 1**



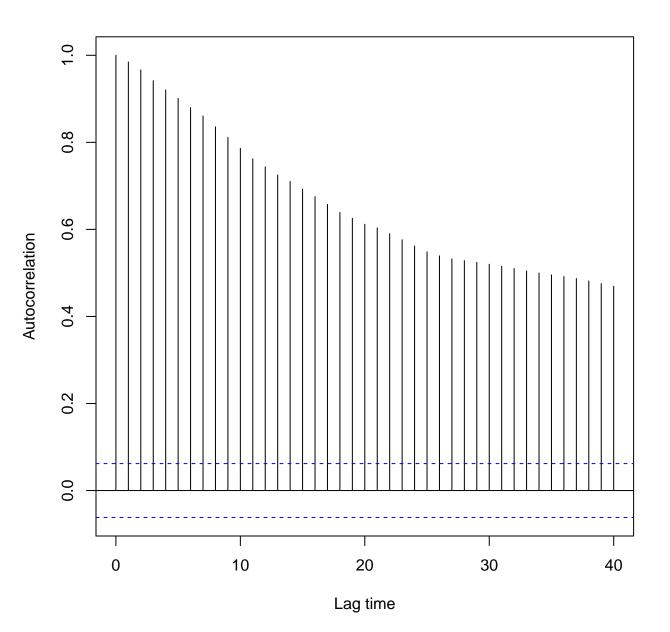
## **Mutation G GGA Mixture: 1**



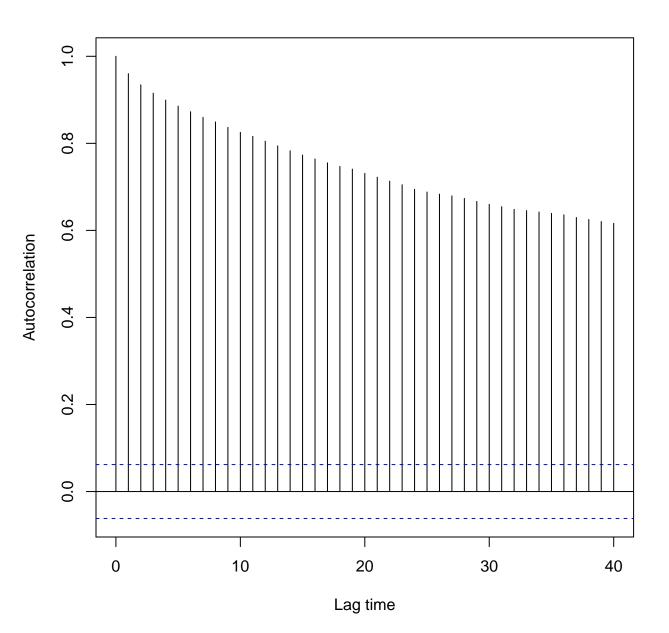
## **Mutation G GGC Mixture: 1**



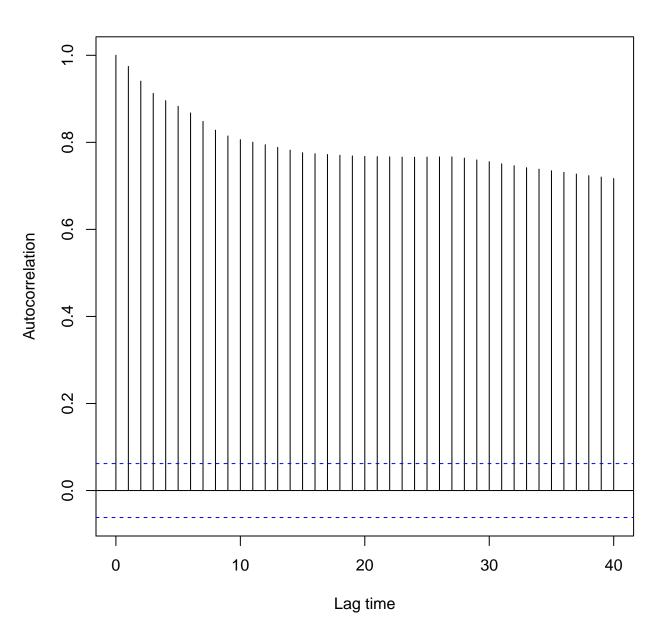
## **Mutation G GGG Mixture: 1**



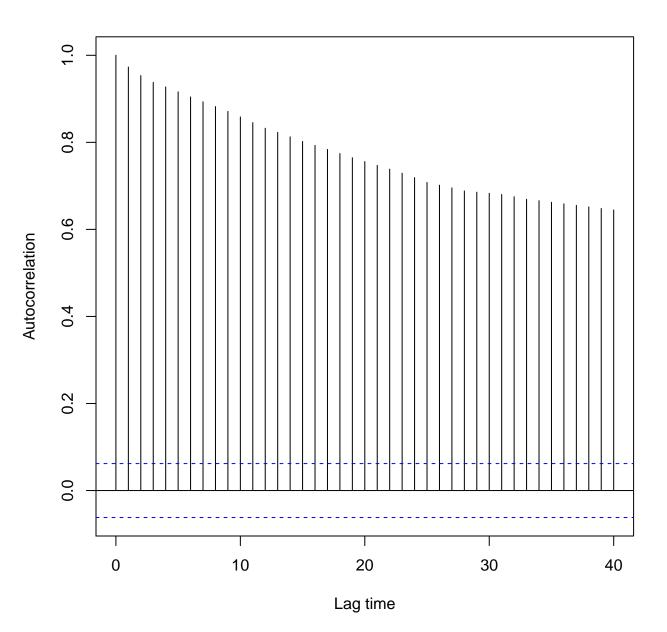
### **Mutation H CAC Mixture: 1**



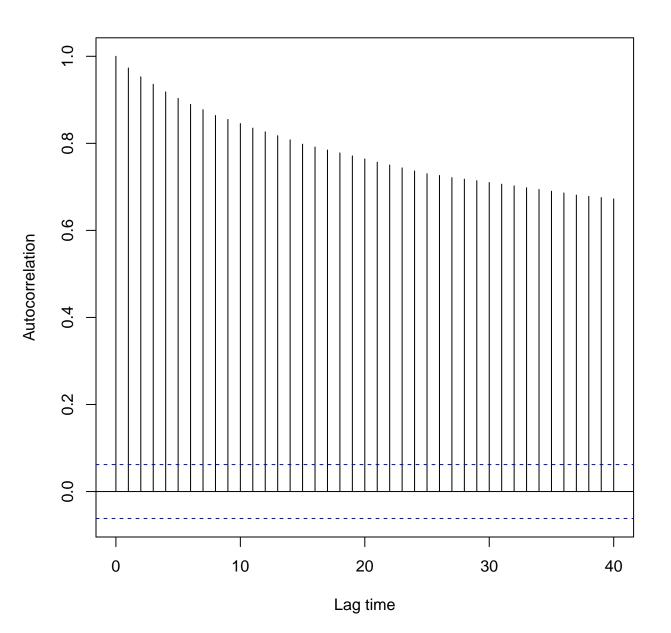
## **Mutation I ATA Mixture: 1**



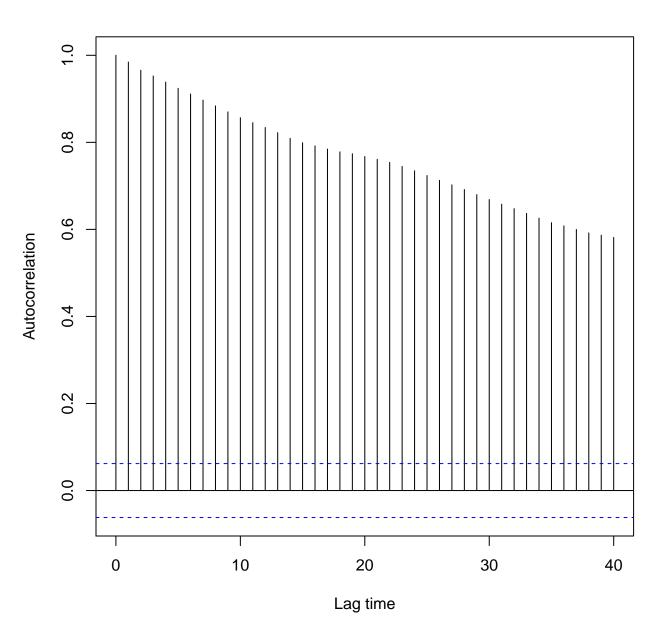
### **Mutation I ATC Mixture: 1**



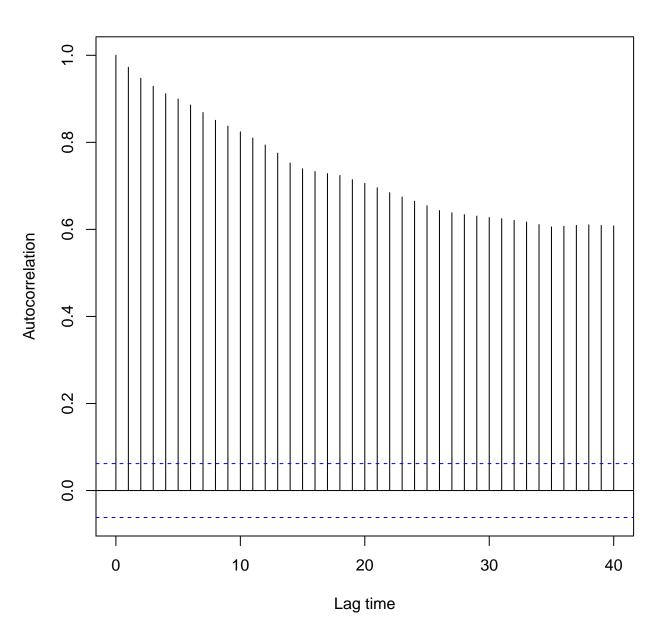
## **Mutation K AAA Mixture: 1**



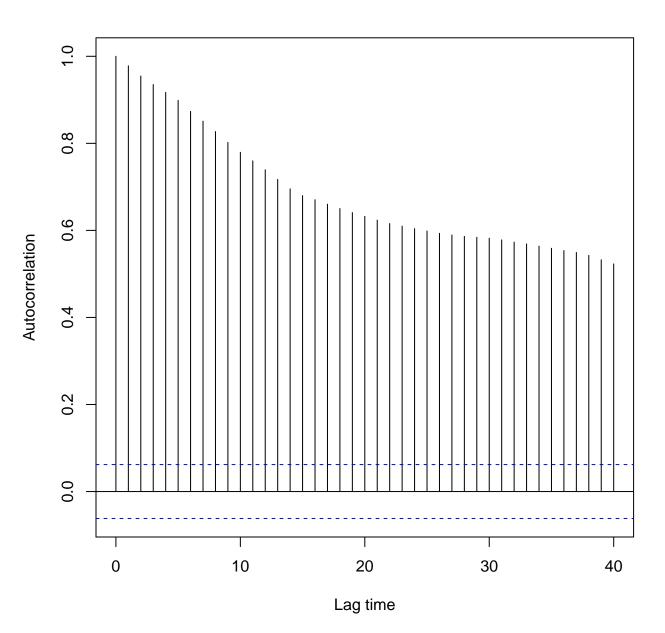
# **Mutation L CTA Mixture: 1**



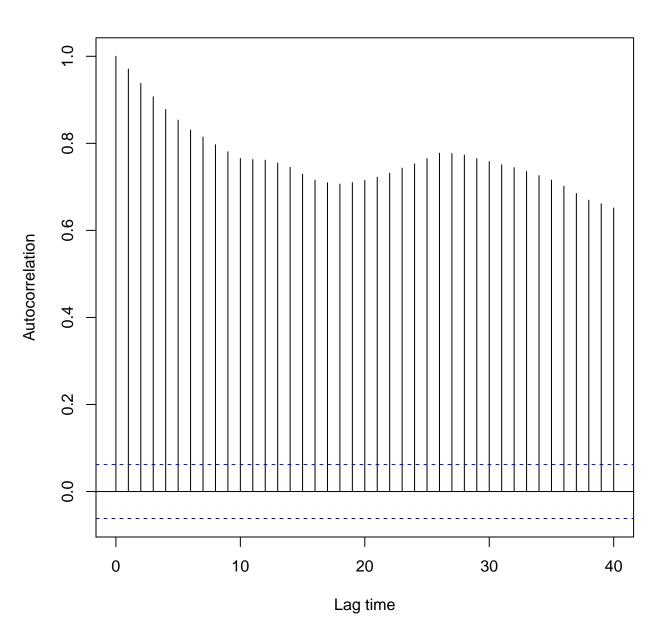
## **Mutation L CTC Mixture: 1**



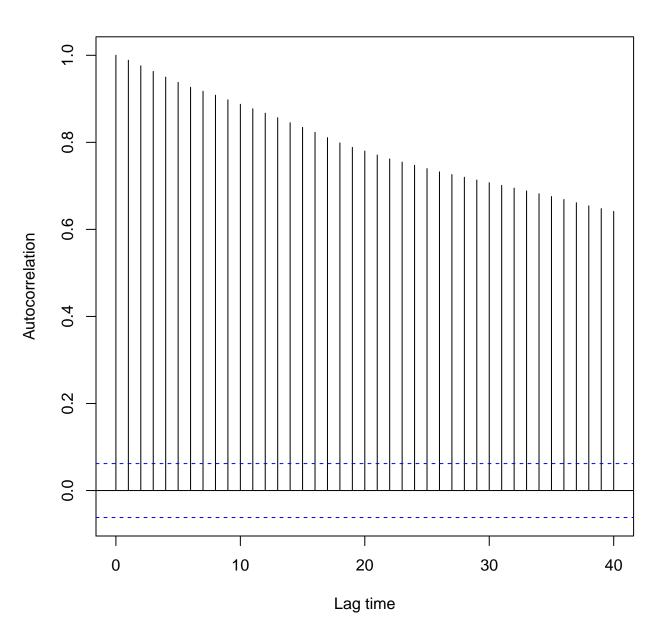
## **Mutation L CTG Mixture: 1**



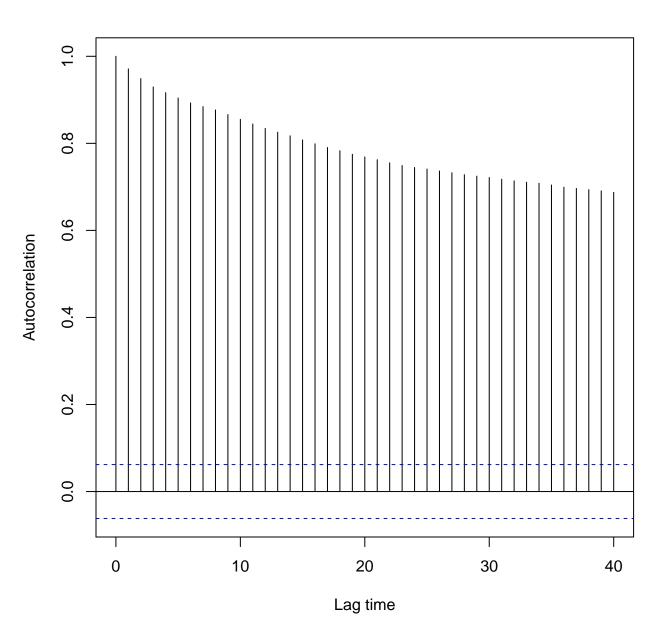
### **Mutation L CTT Mixture: 1**



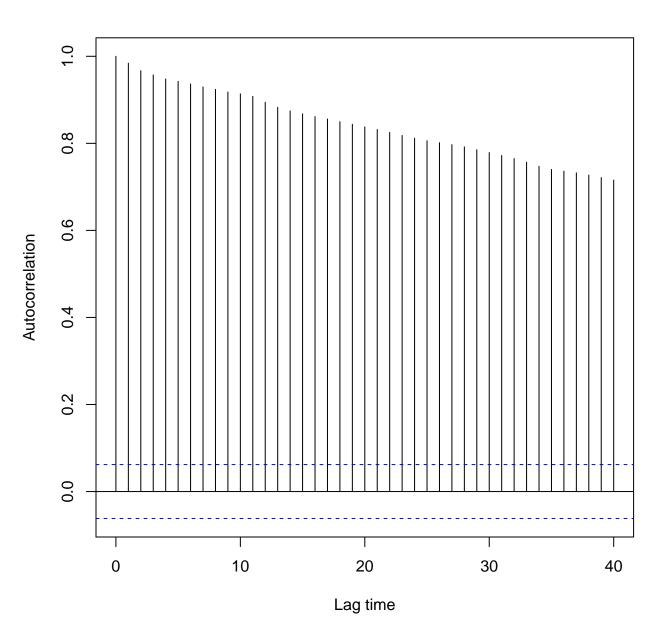
## **Mutation L TTA Mixture: 1**



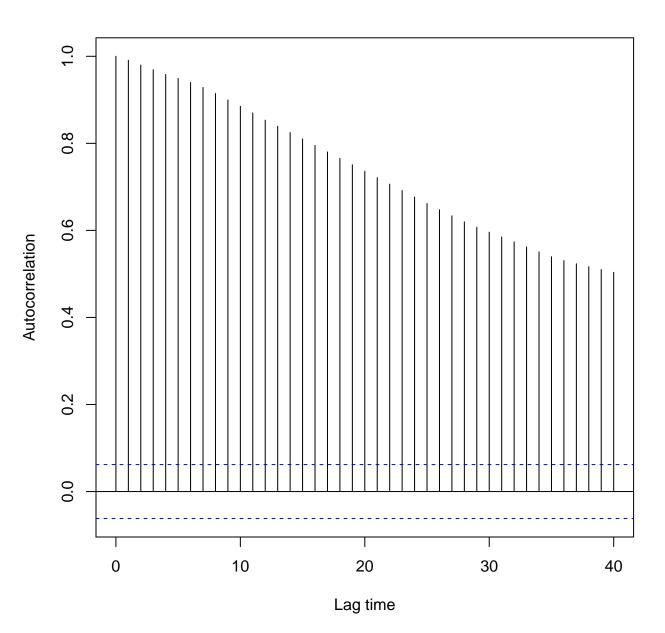
## **Mutation N AAC Mixture: 1**



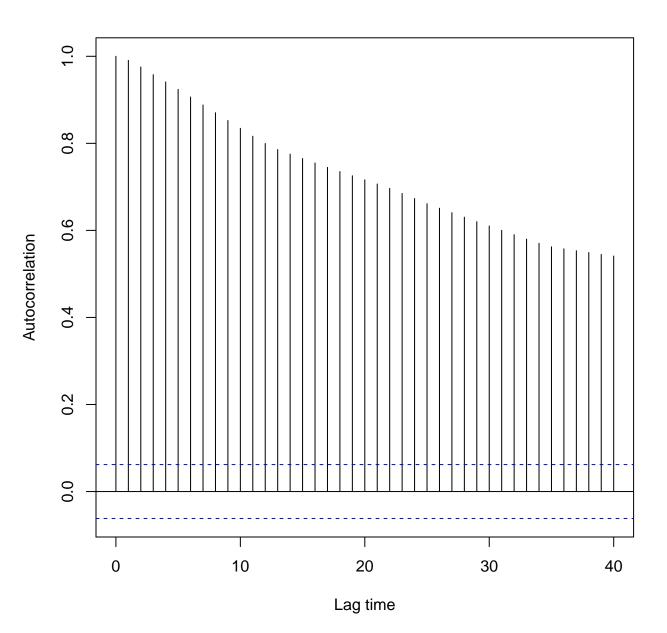
## **Mutation P CCA Mixture: 1**



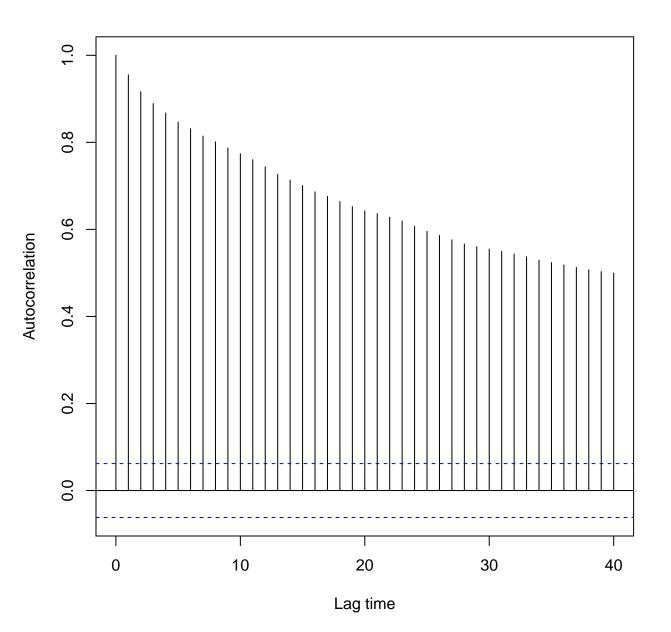
# **Mutation P CCC Mixture: 1**



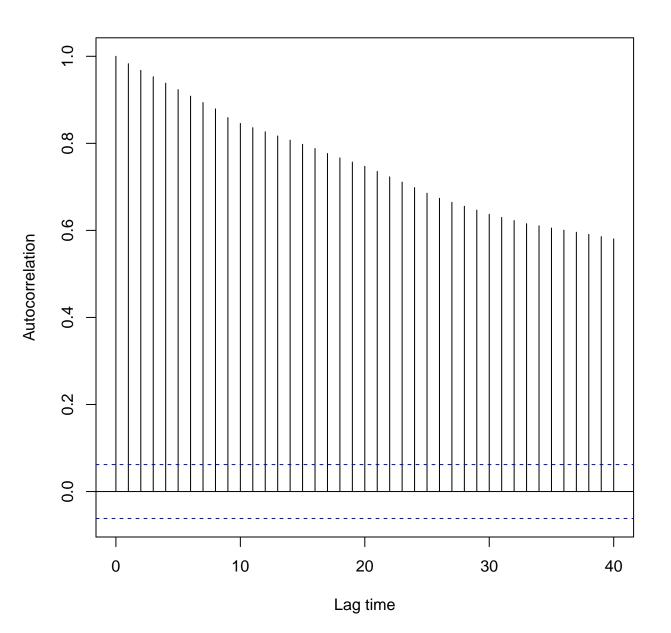
## **Mutation P CCG Mixture: 1**



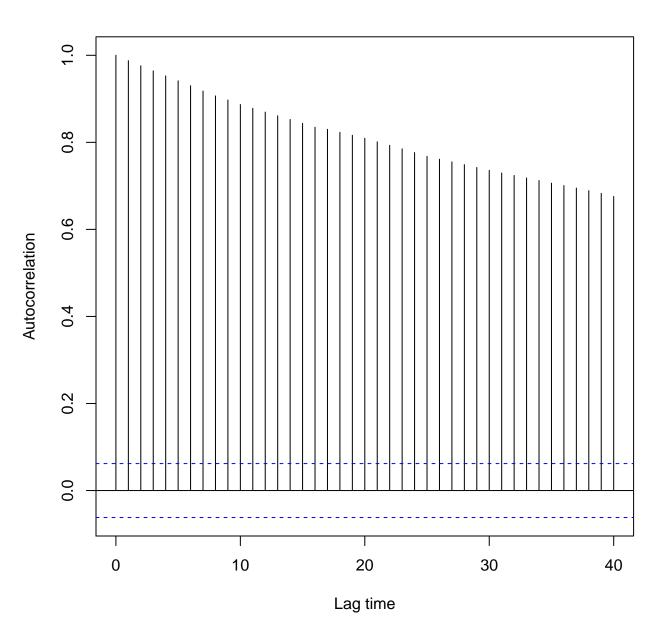
## **Mutation Q CAA Mixture: 1**



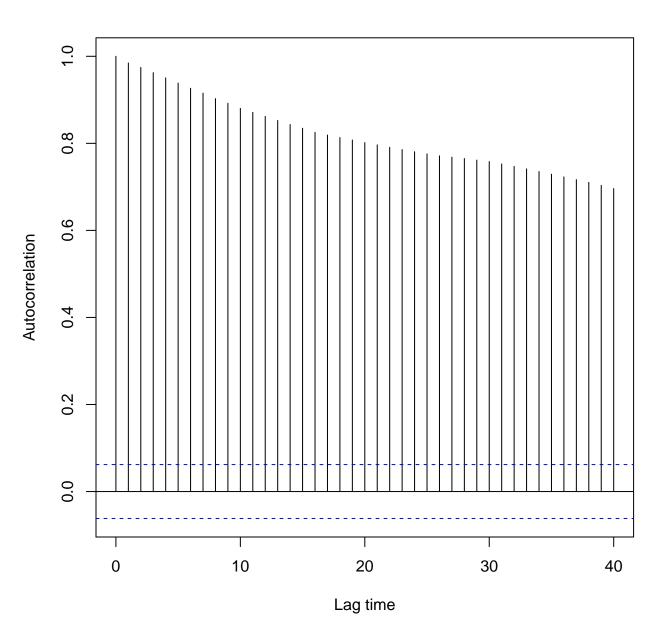
## **Mutation R AGA Mixture: 1**



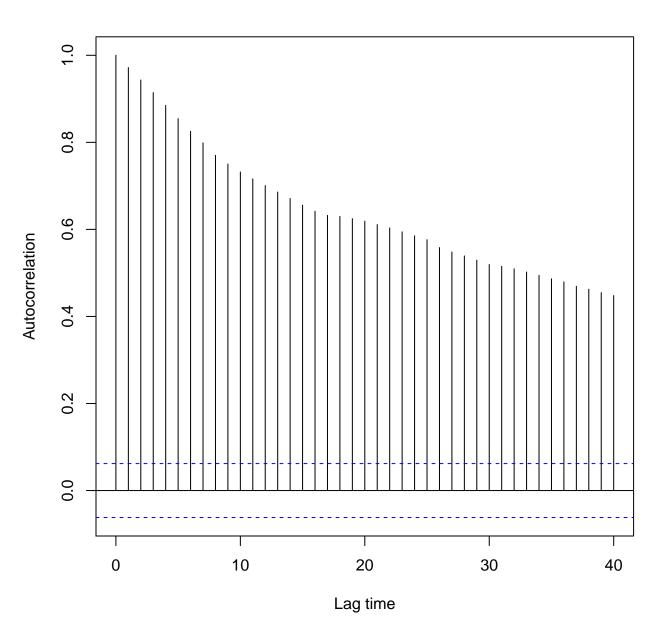
## **Mutation R AGG Mixture: 1**



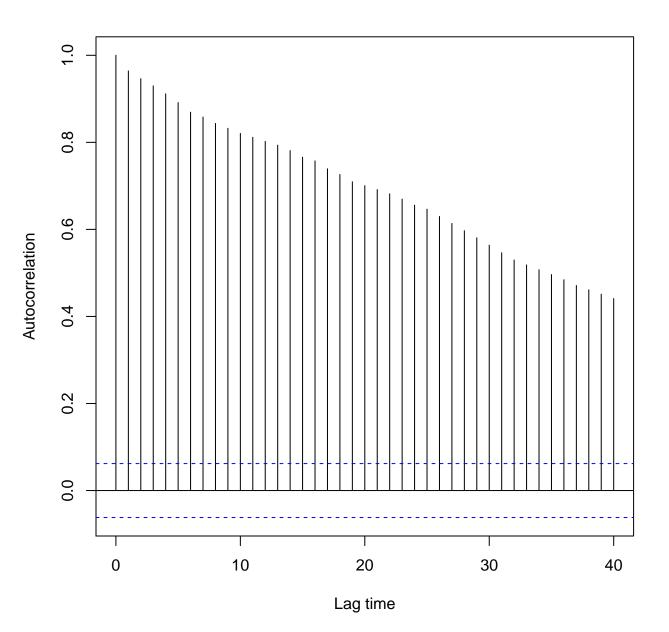
## **Mutation R CGA Mixture: 1**



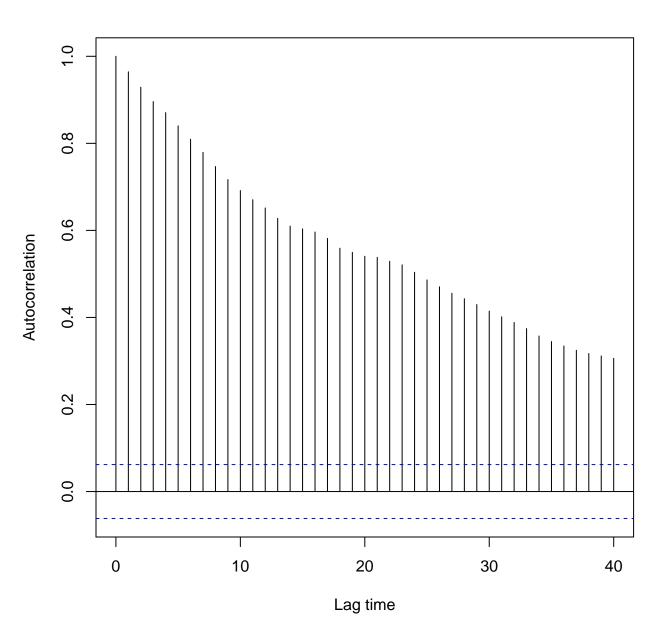
## **Mutation R CGC Mixture: 1**



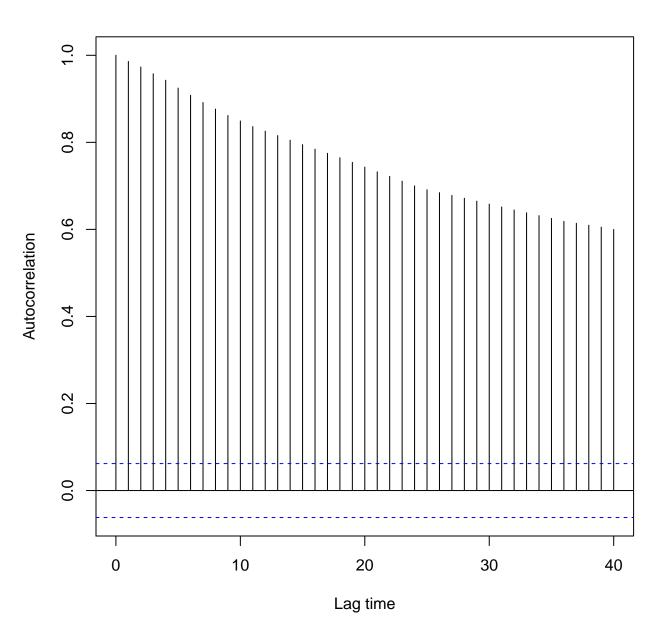
## **Mutation R CGG Mixture: 1**



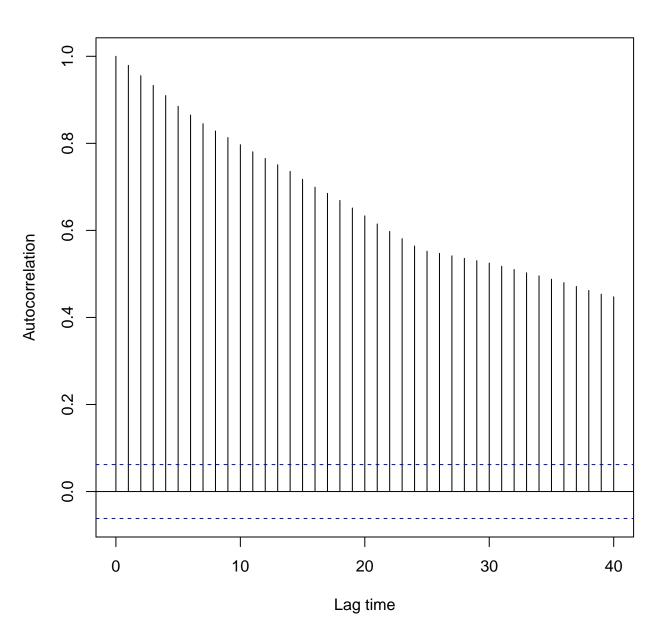
# **Mutation S TCA Mixture: 1**



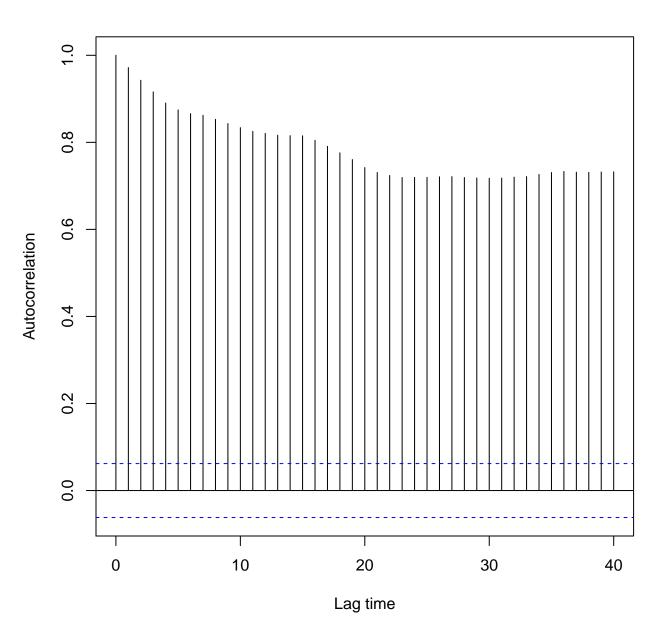
# **Mutation S TCC Mixture: 1**



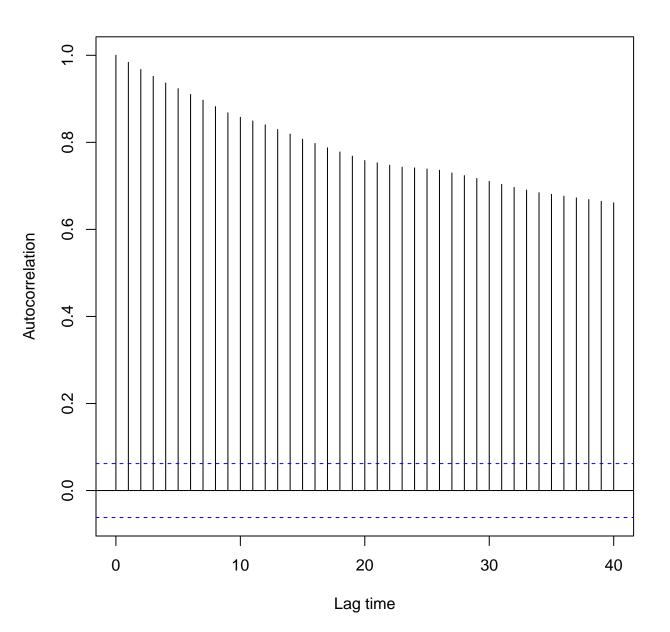
# **Mutation S TCG Mixture: 1**



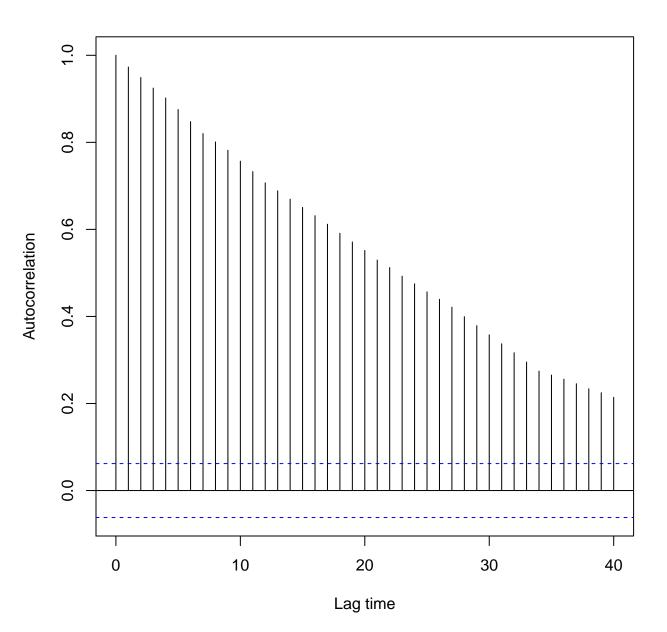
# **Mutation T ACA Mixture: 1**



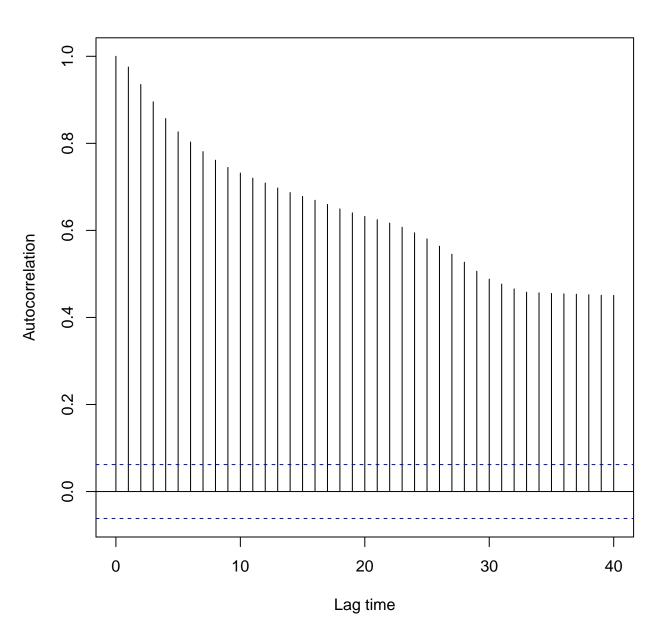
## **Mutation T ACC Mixture: 1**



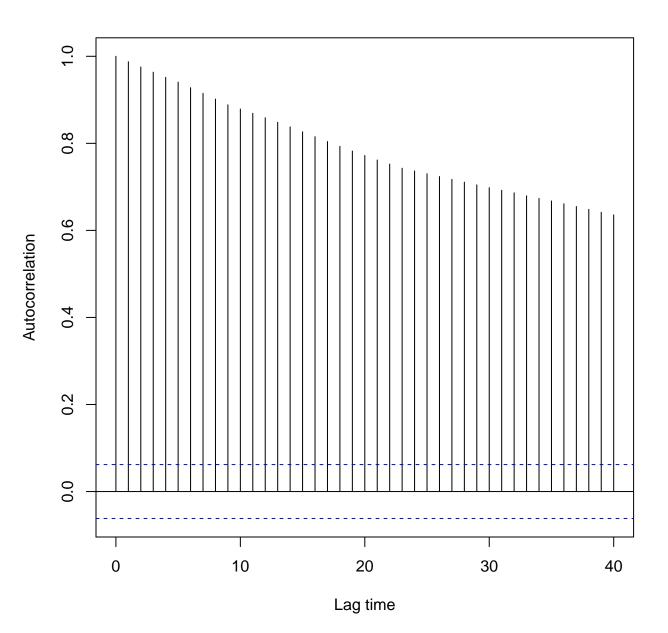
### **Mutation T ACG Mixture: 1**



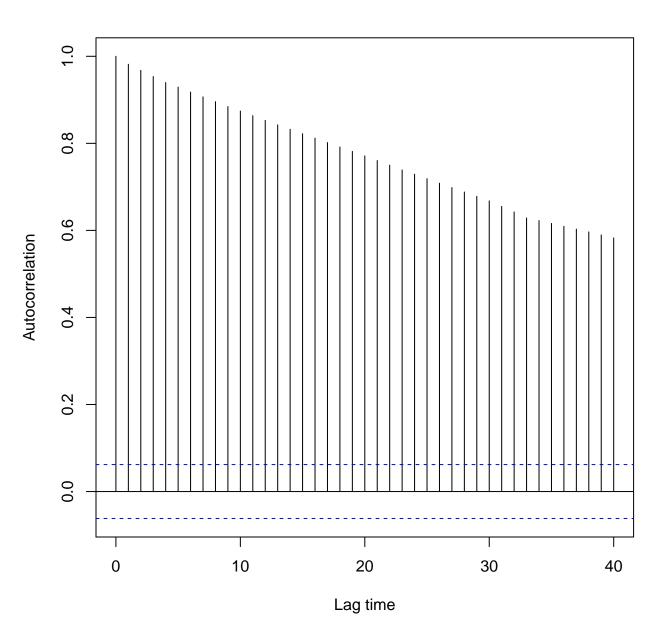
## **Mutation V GTA Mixture: 1**



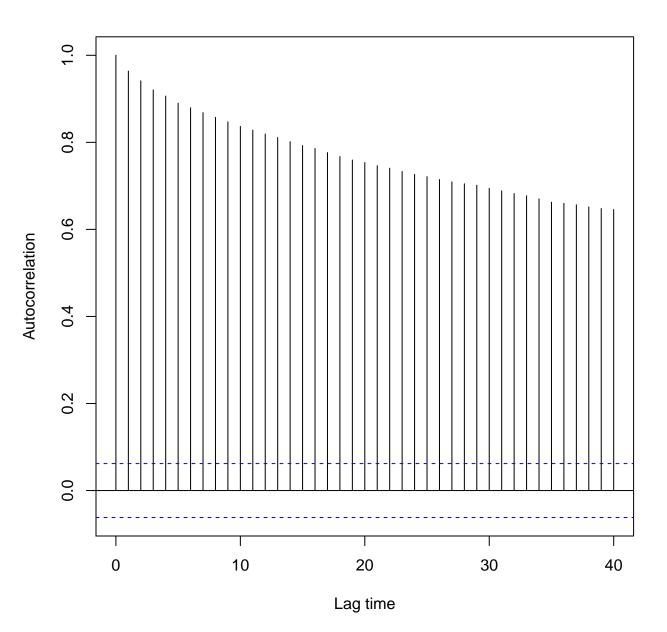
## **Mutation V GTC Mixture: 1**



## **Mutation V GTG Mixture: 1**



## **Mutation Y TAC Mixture: 1**



## **Mutation Z AGC Mixture: 1**

