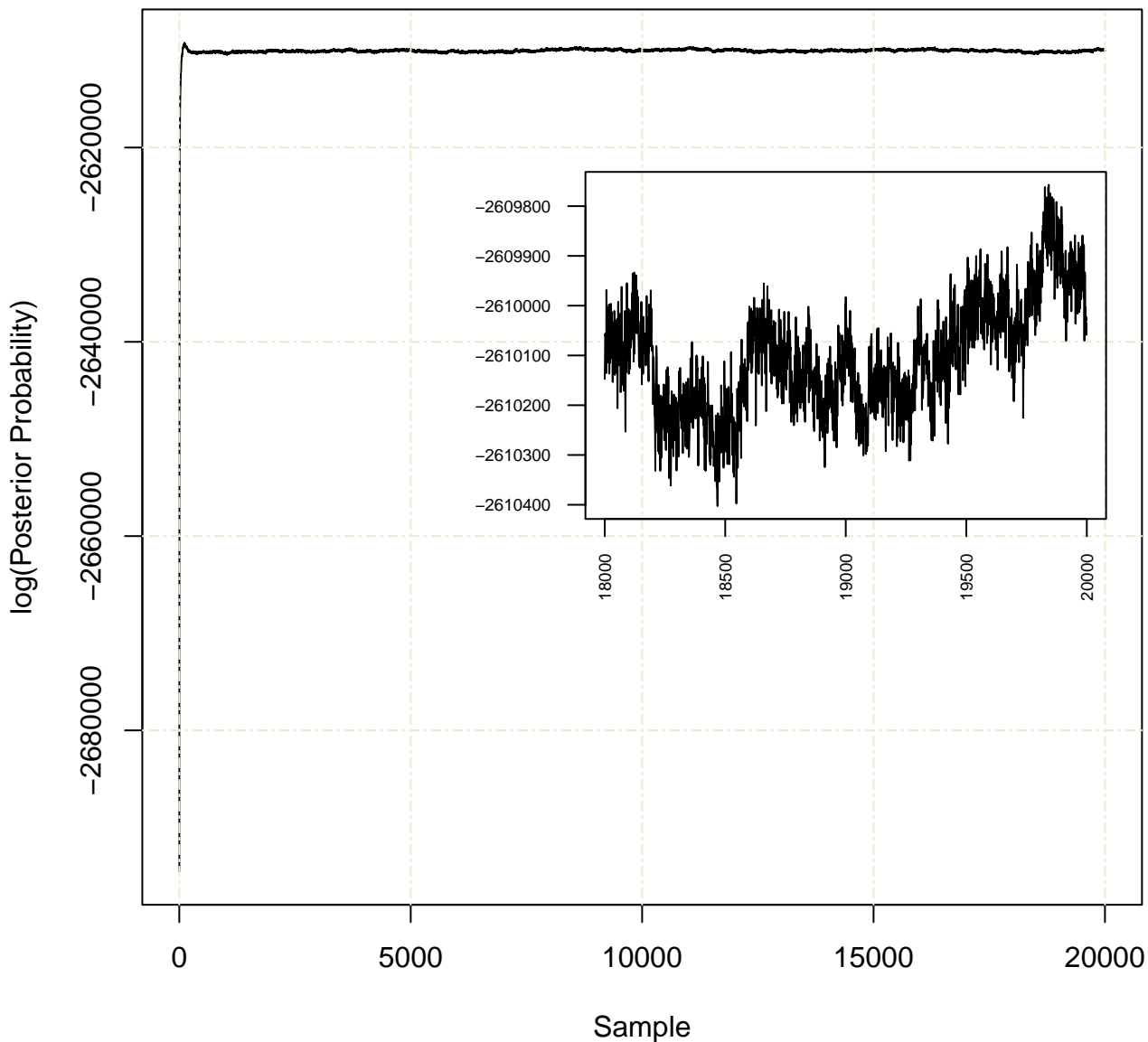
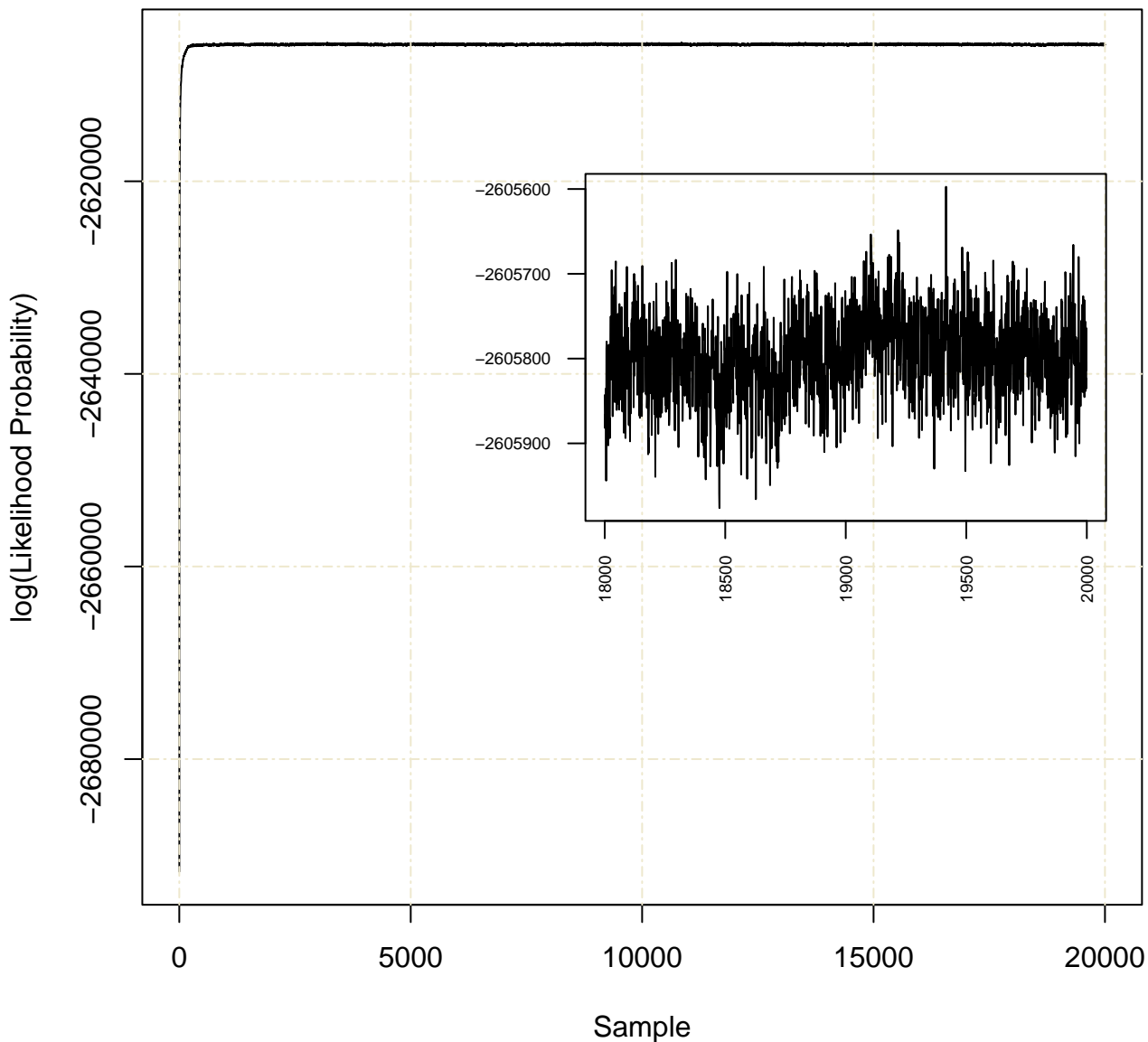


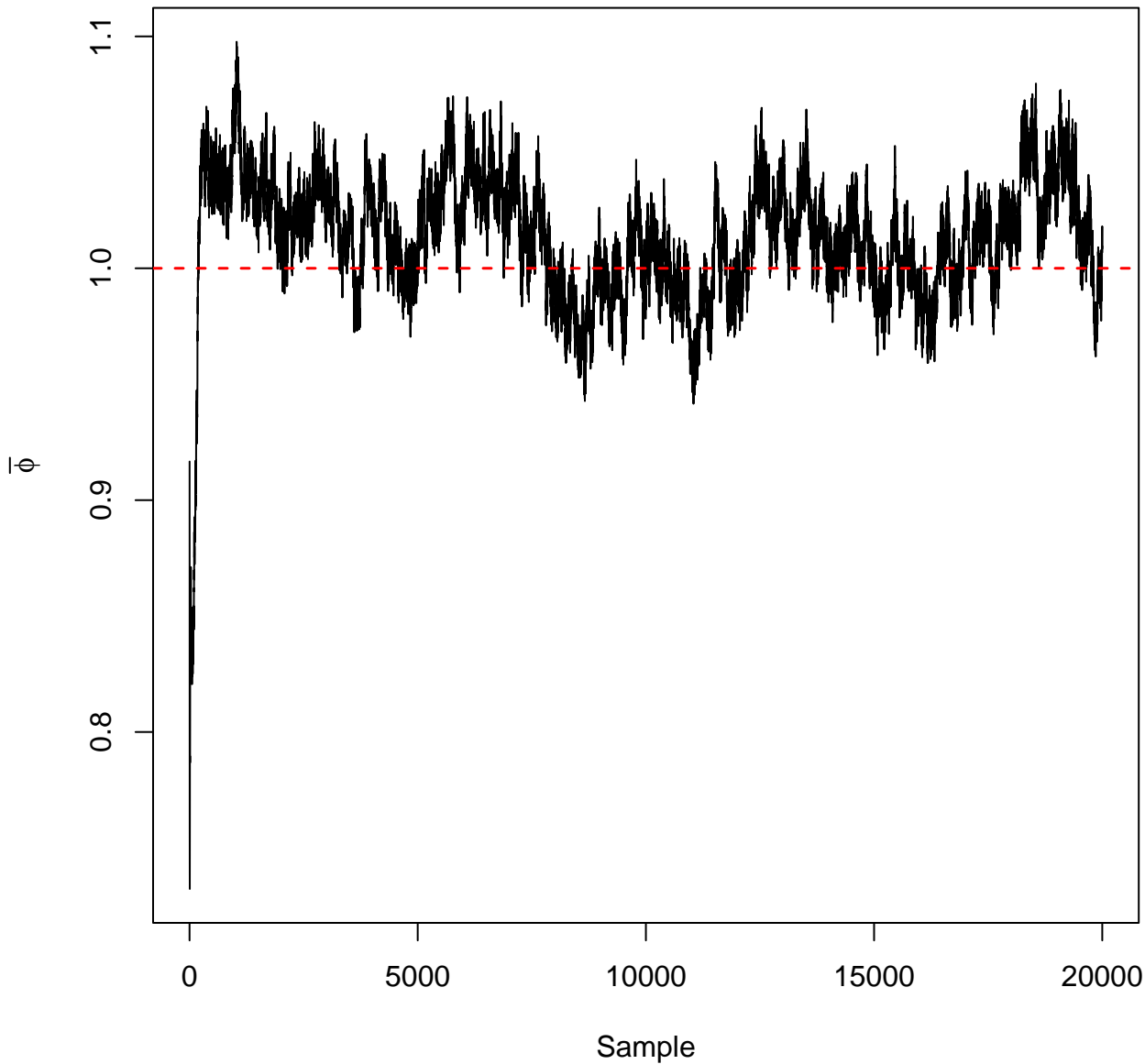
log(Posterior Probability): -2610104.64948606



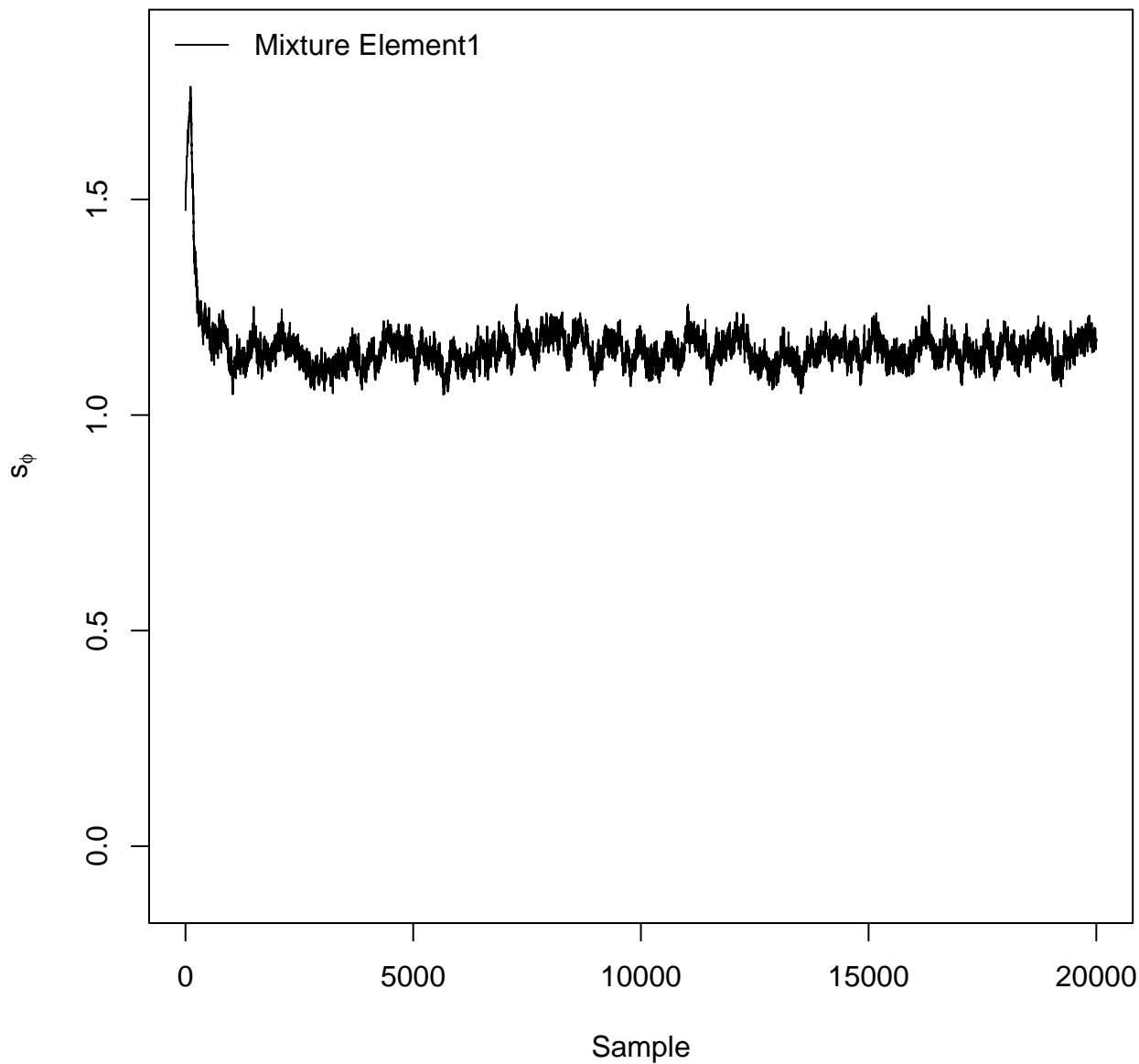
log(Likelihood Probability): -2605797.26880069



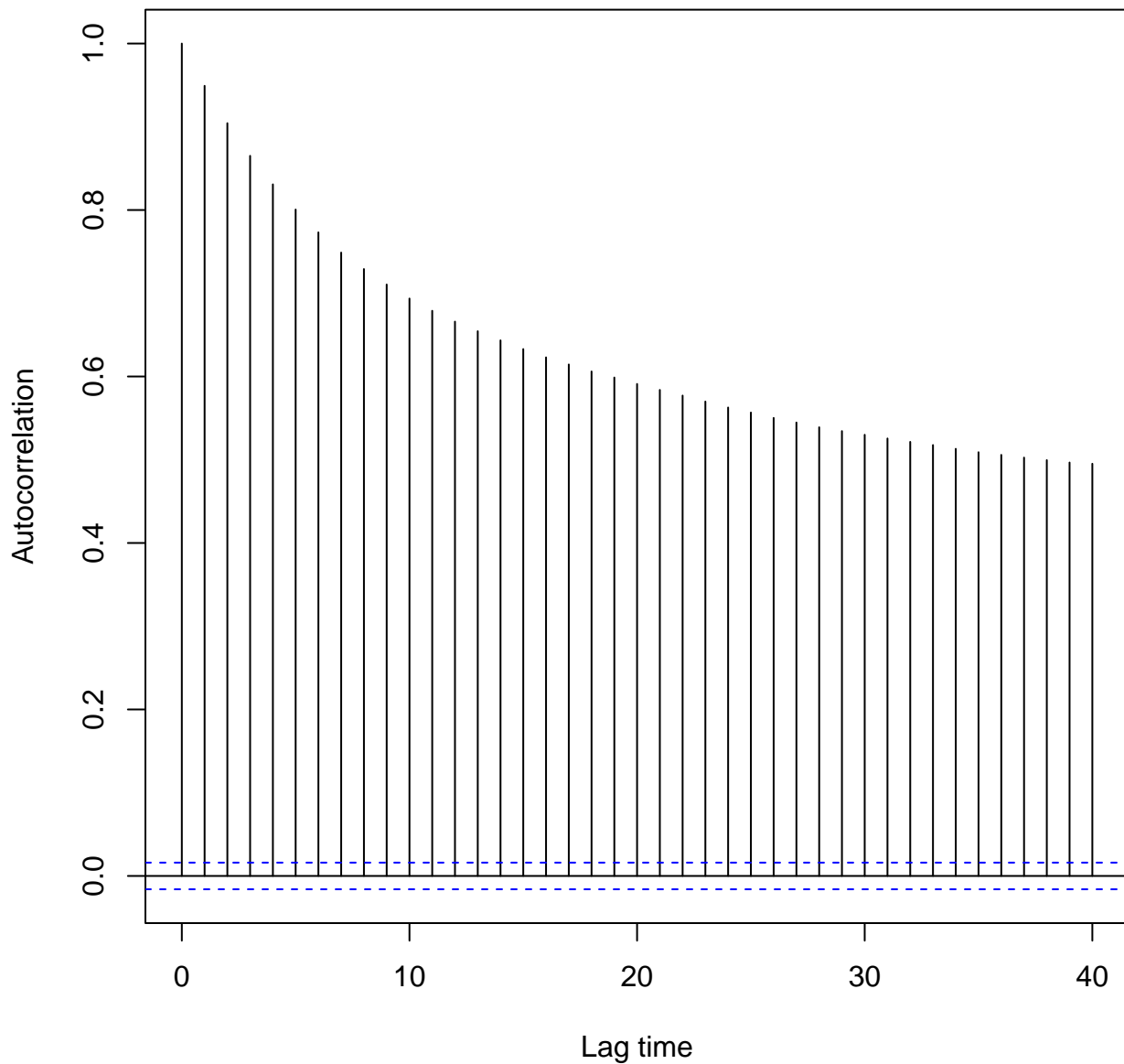
Trace of the Expected value of ϕ



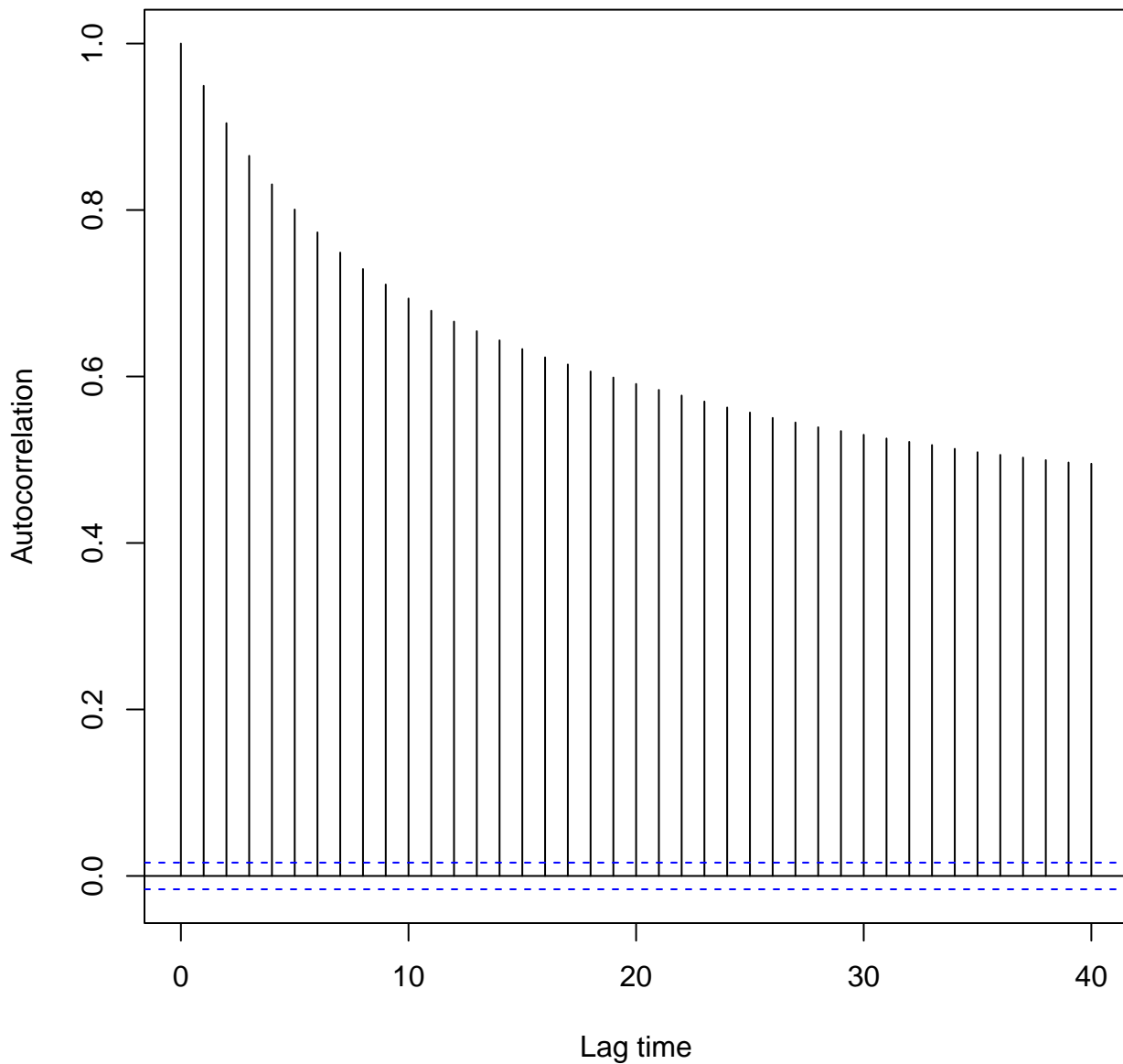
s_ϕ Trace



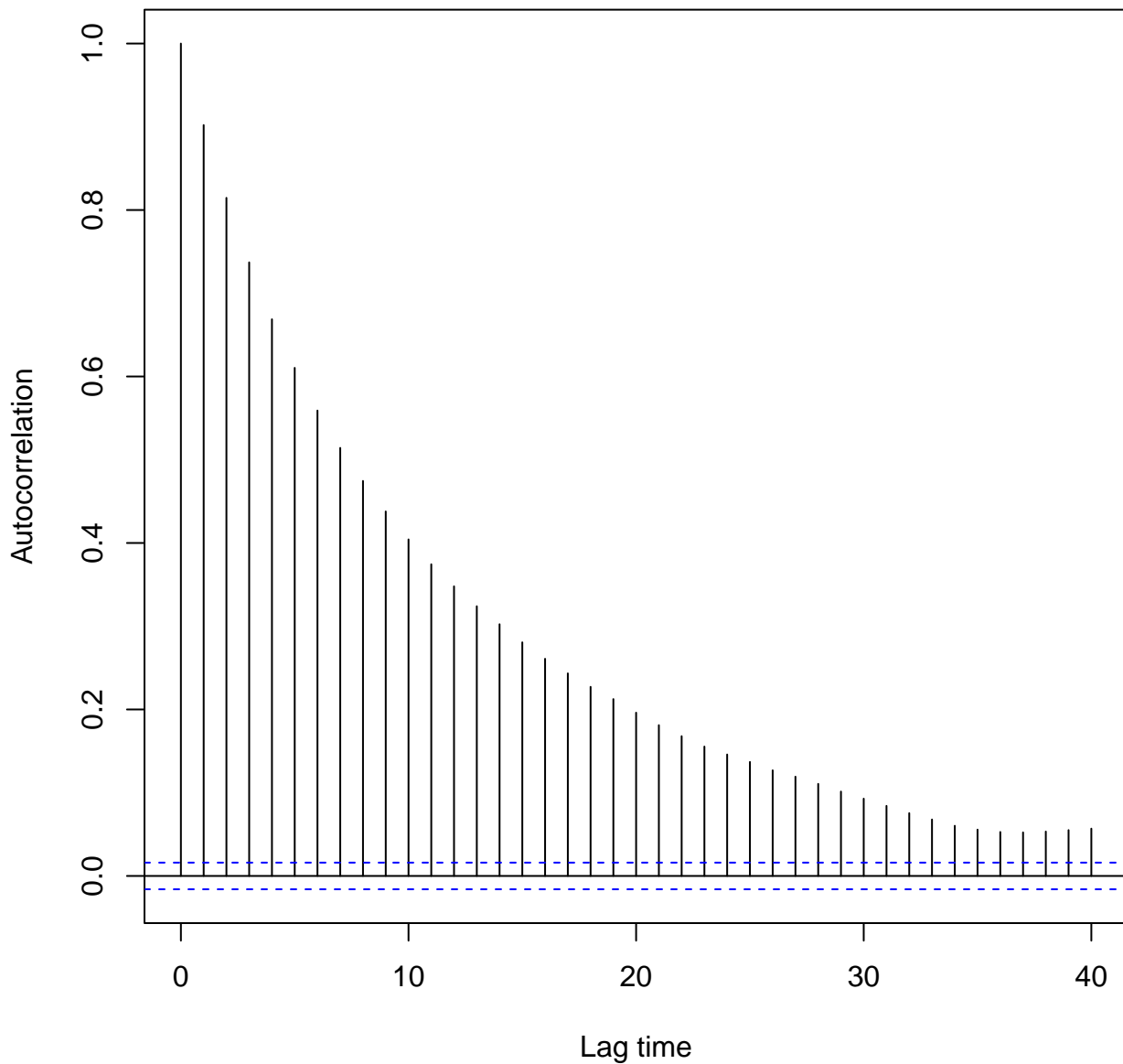
Selection A GCA Mixture: 1



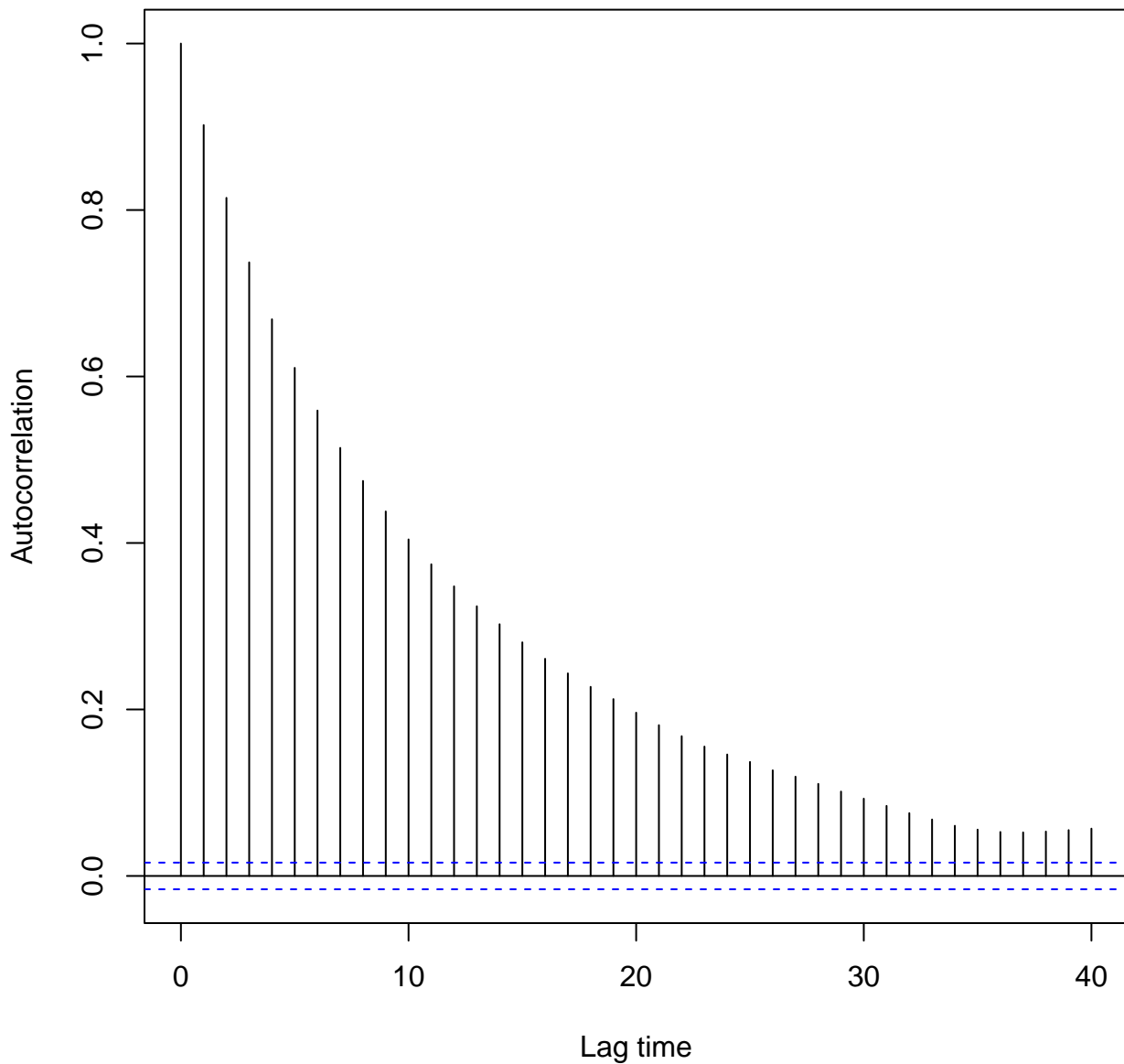
Selection A GCA Mixture: 2



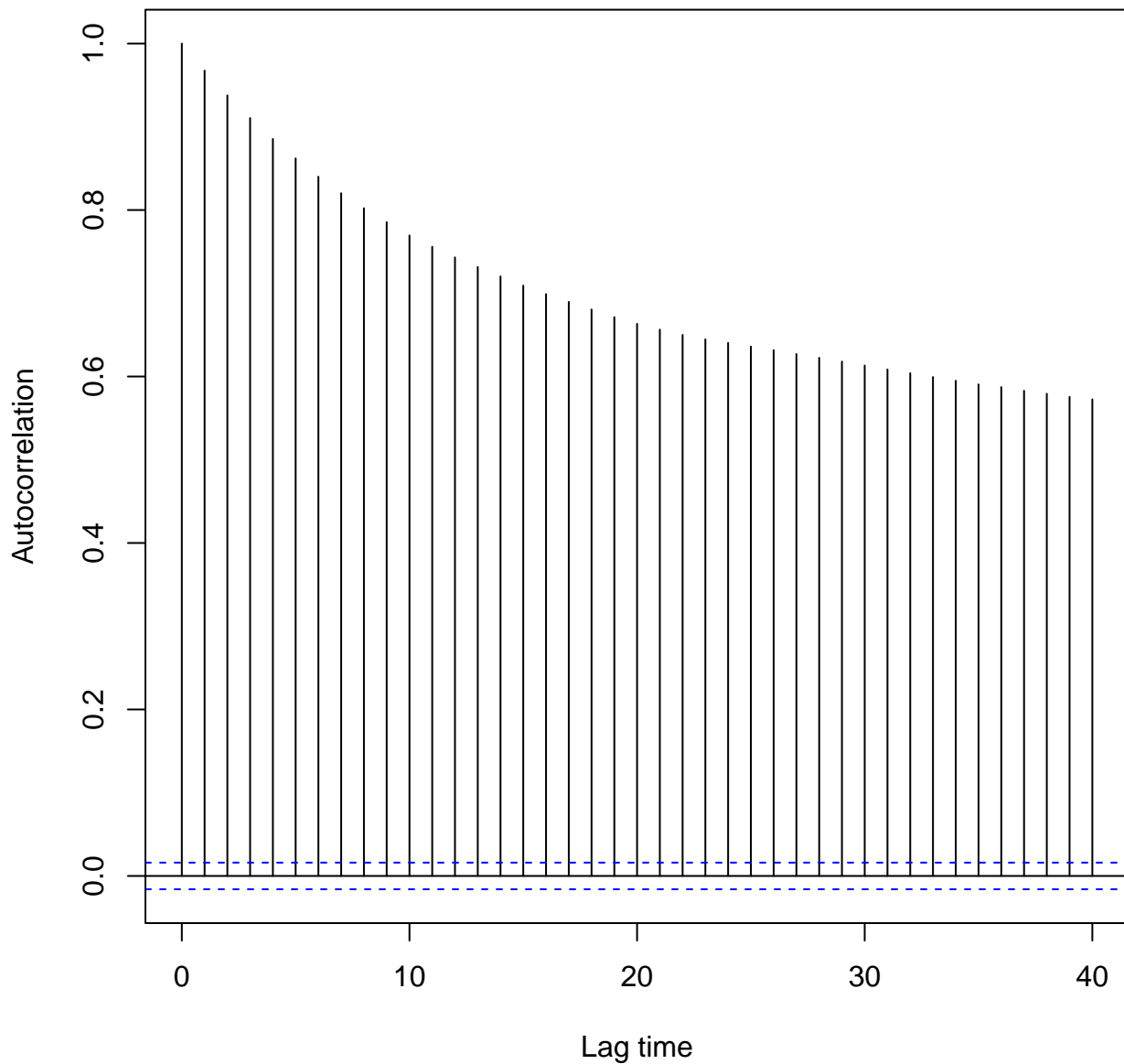
Selection A GCC Mixture: 1



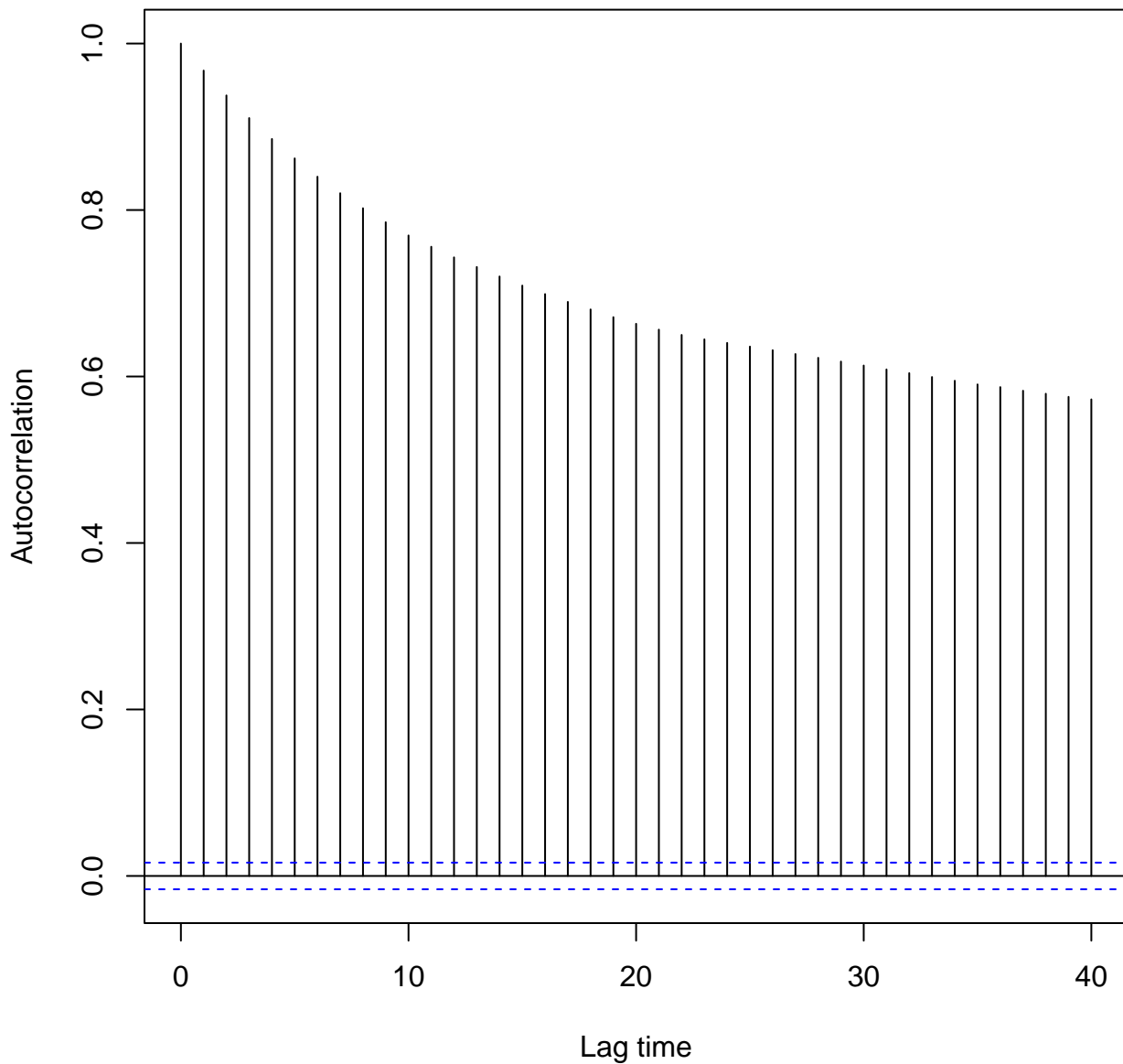
Selection A GCC Mixture: 2



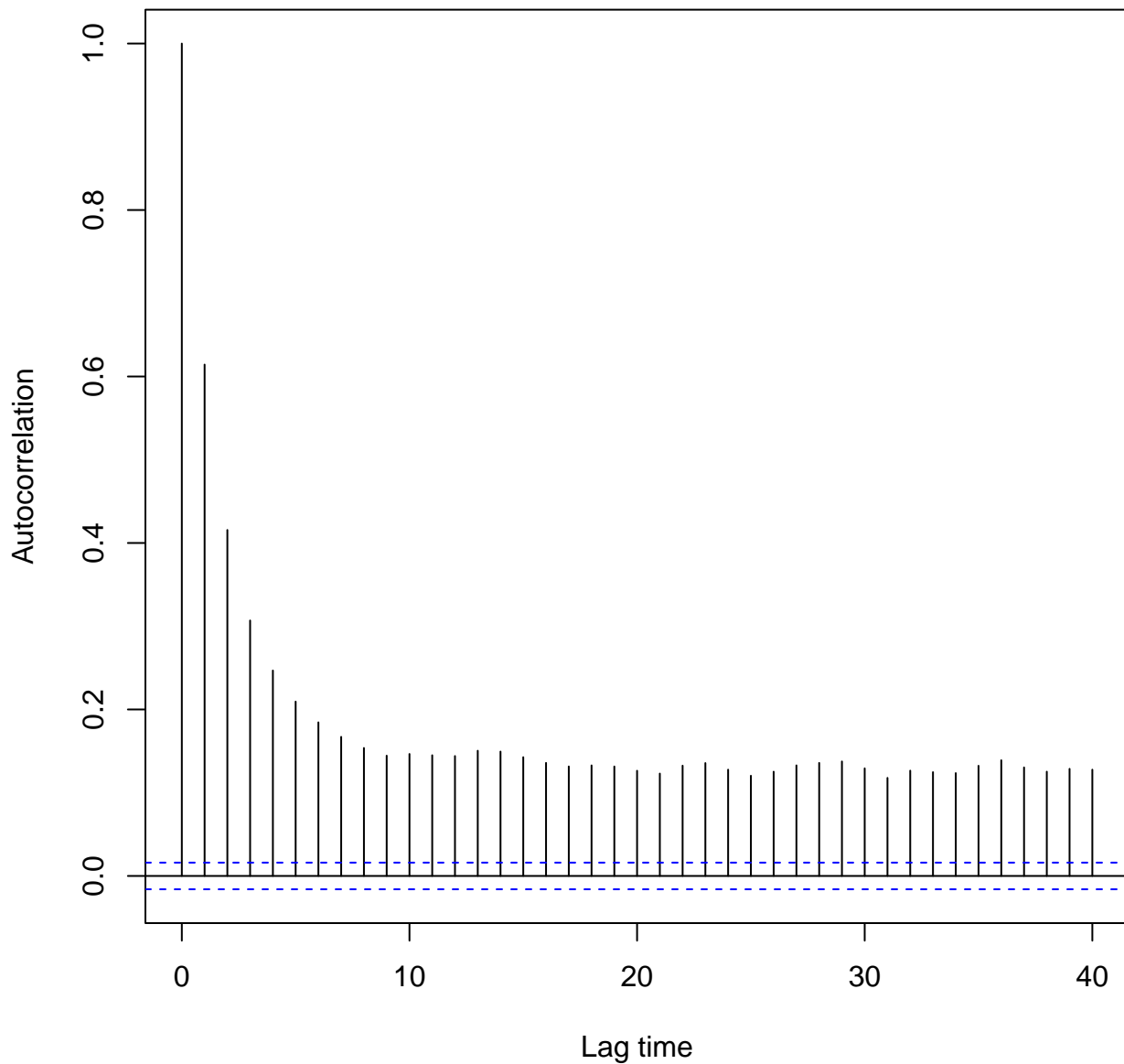
Selection A GCG Mixture: 1



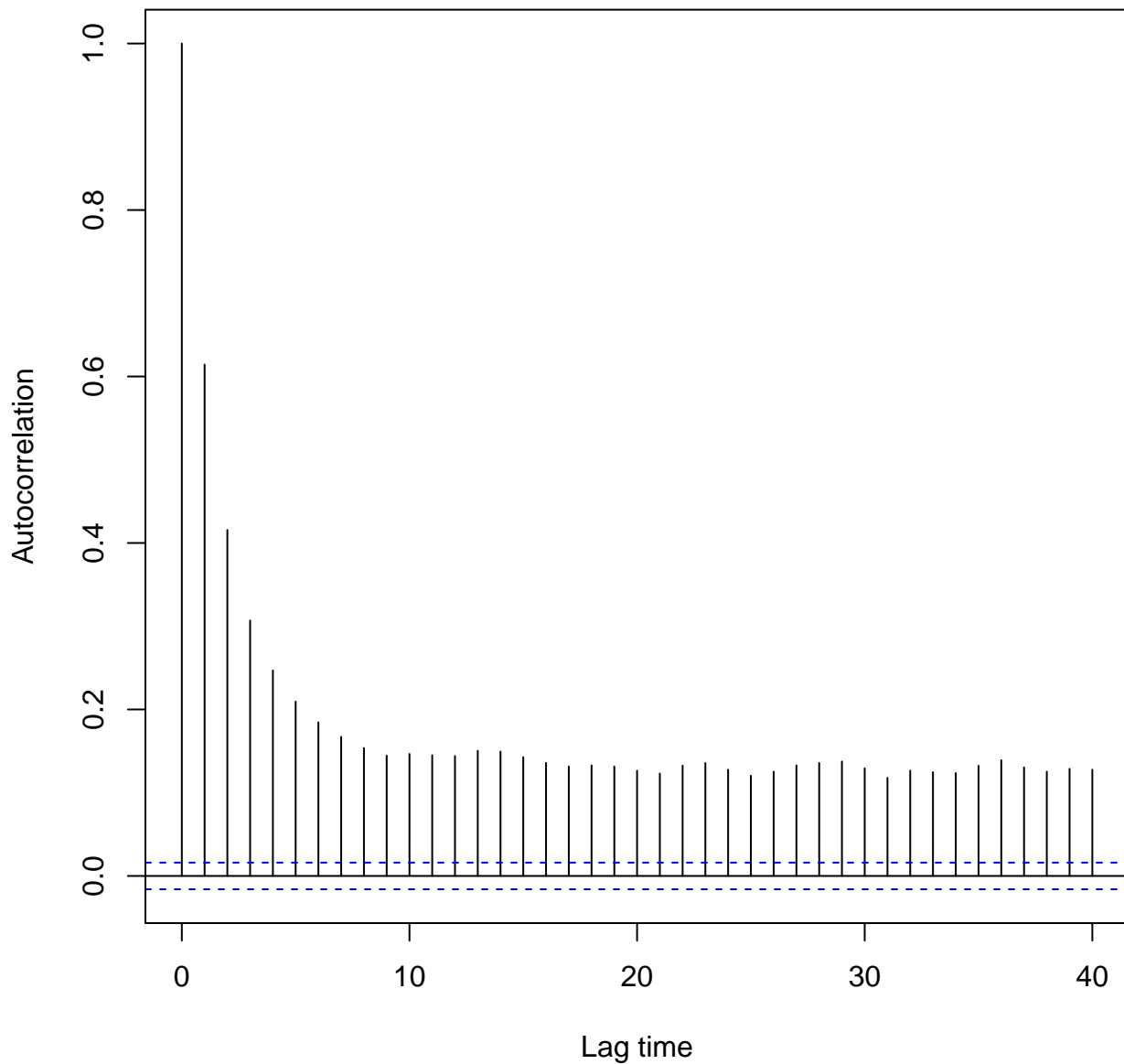
Selection A GCG Mixture: 2



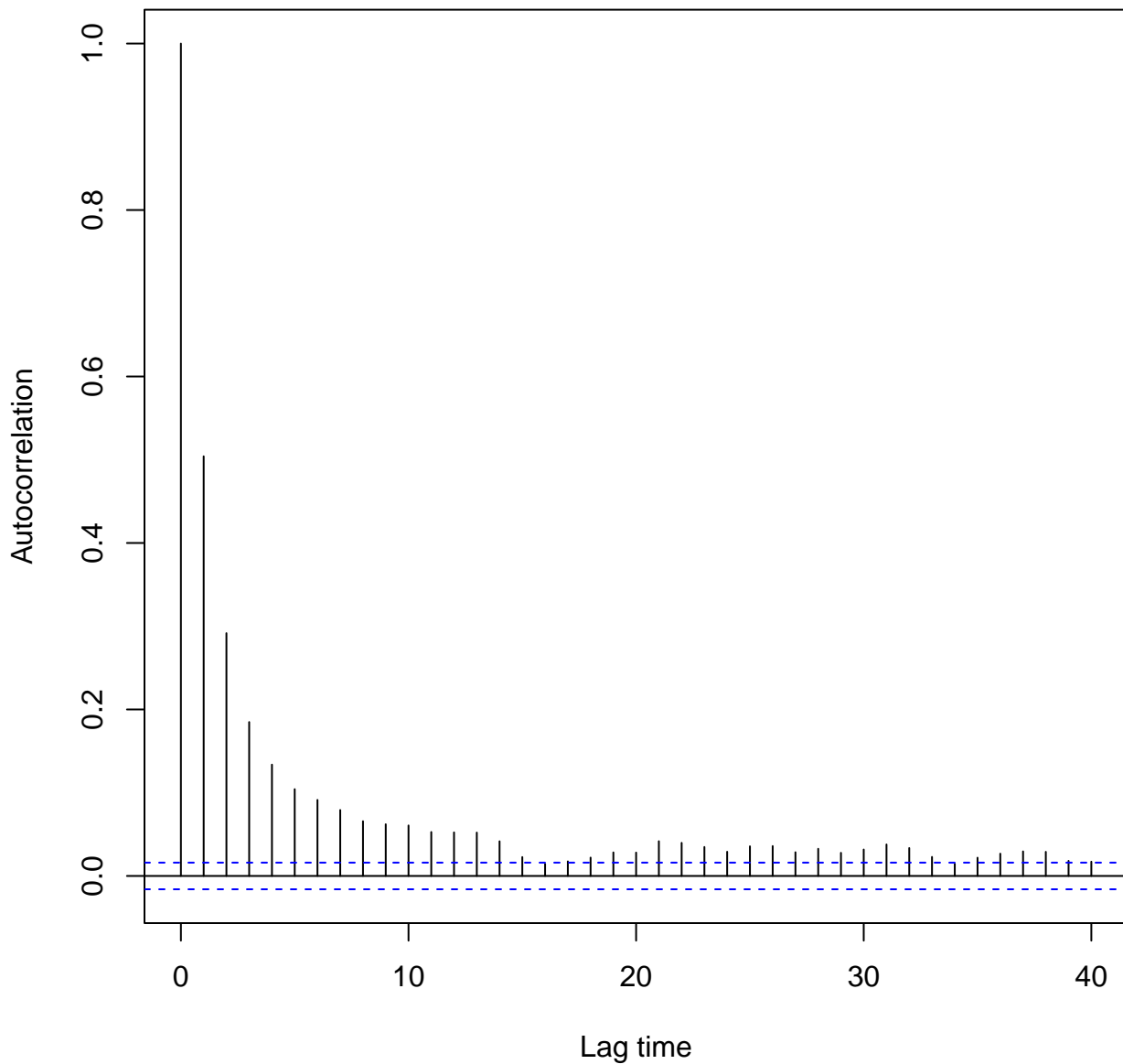
Selection C TGC Mixture: 1



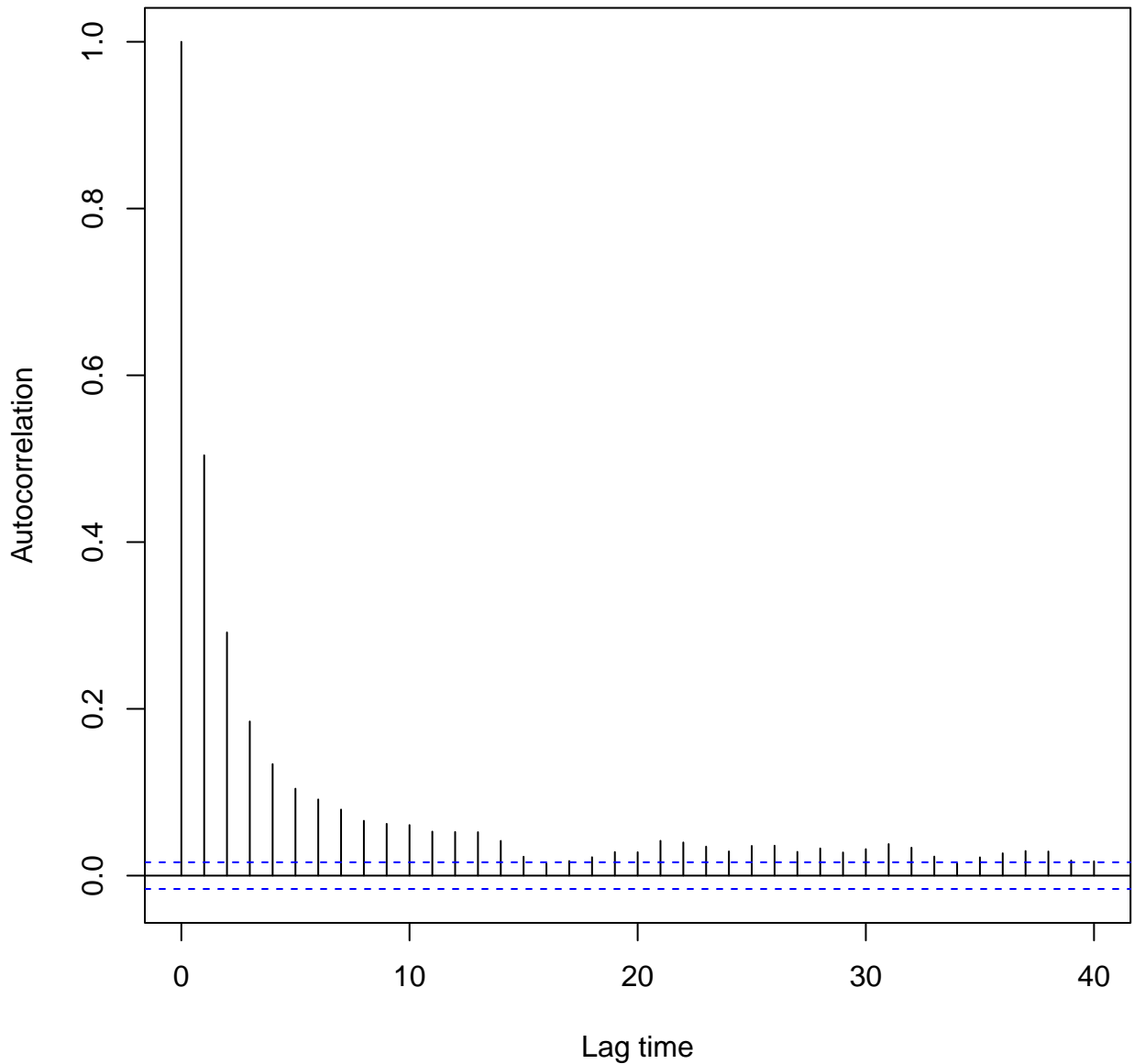
Selection C TGC Mixture: 2



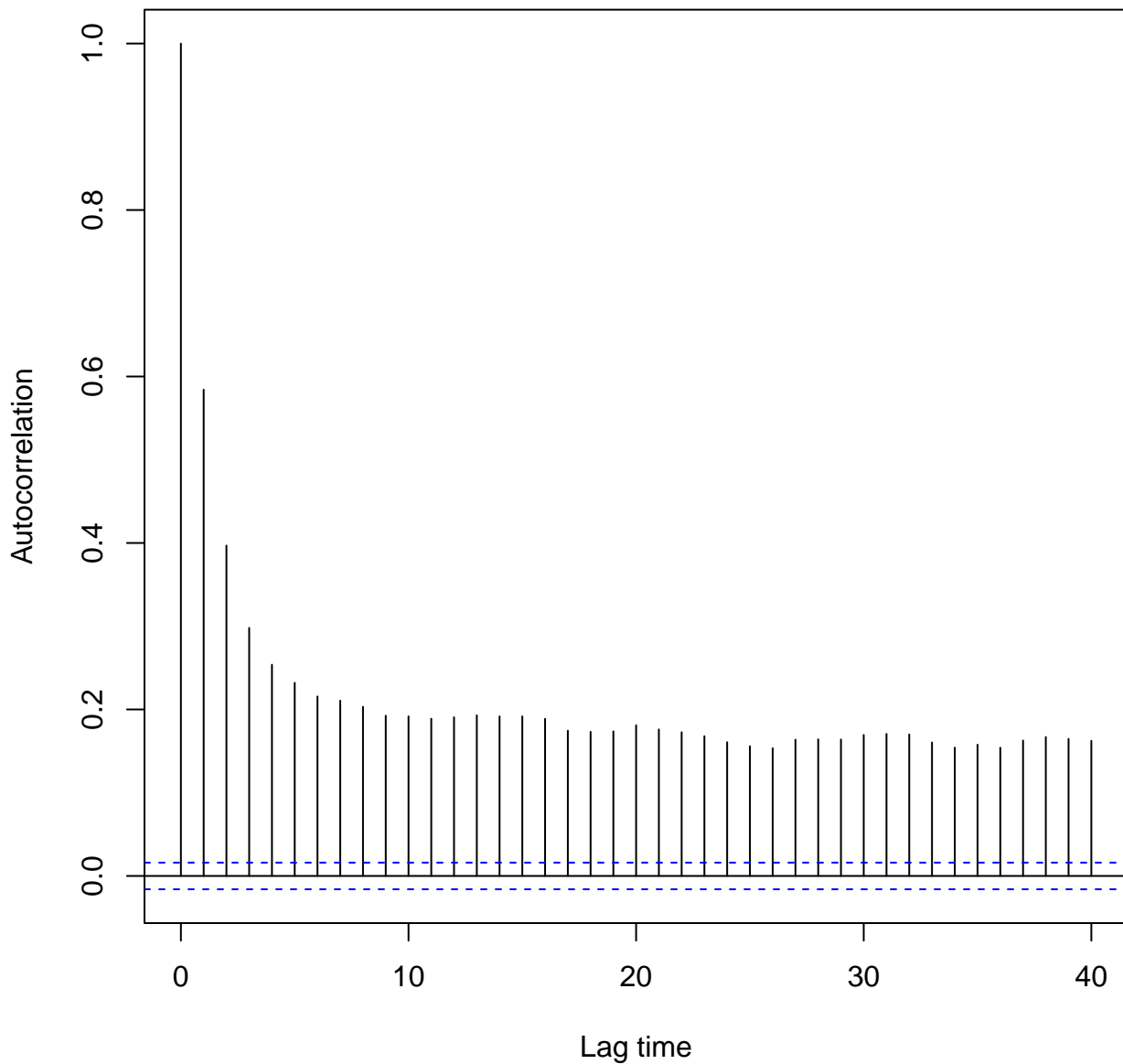
Selection D GAC Mixture: 1



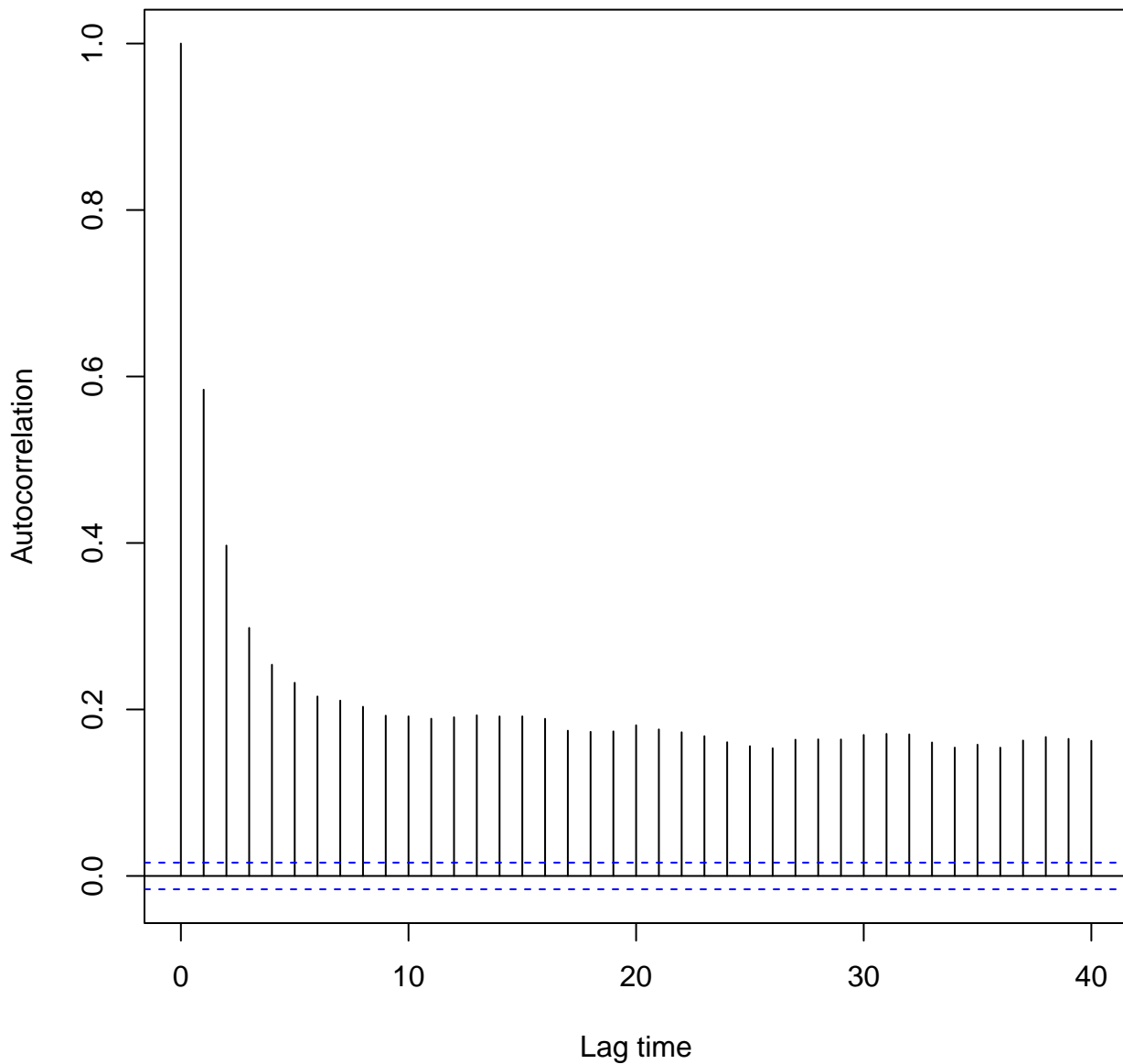
Selection D GAC Mixture: 2



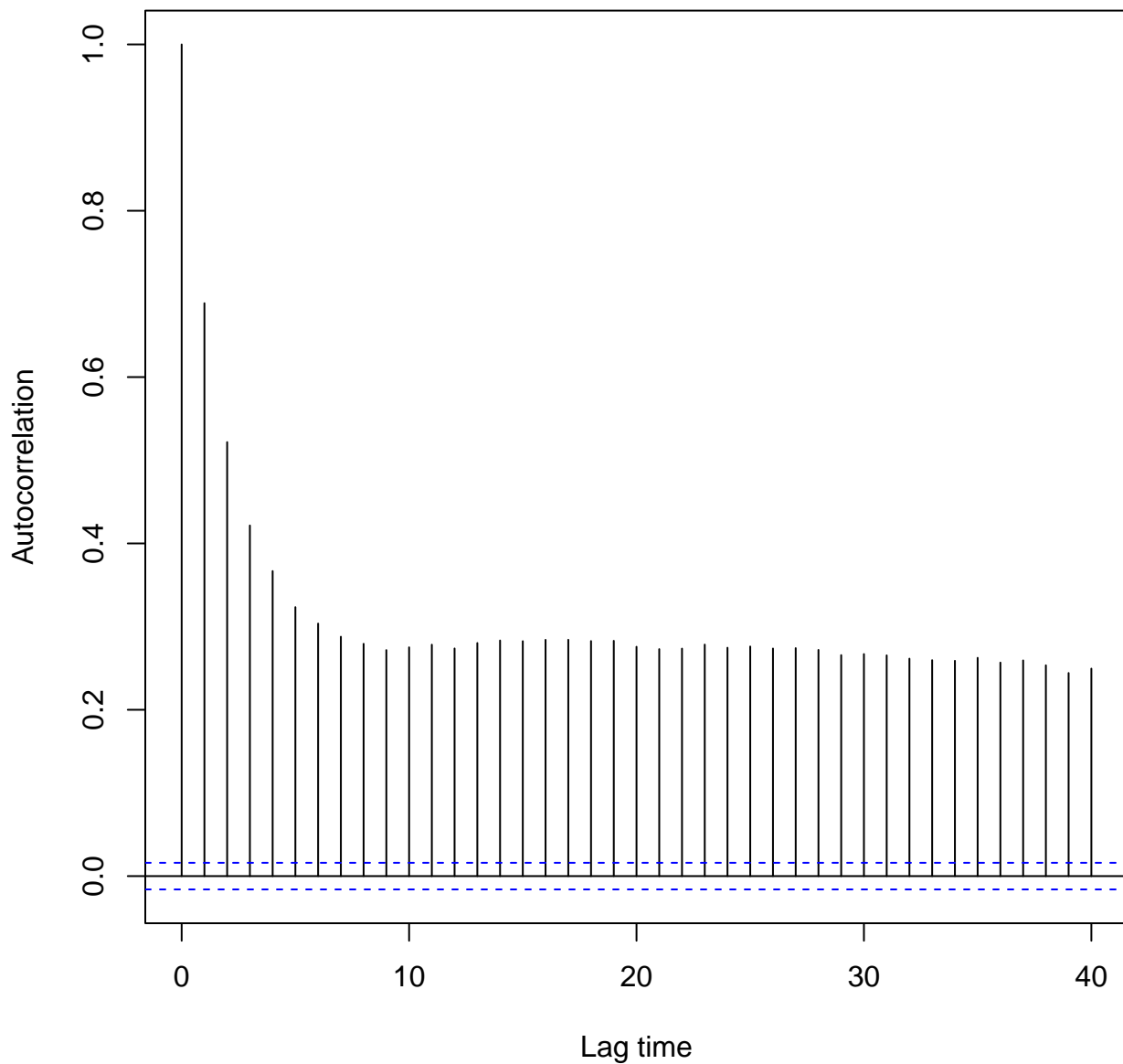
Selection E GAA Mixture: 1



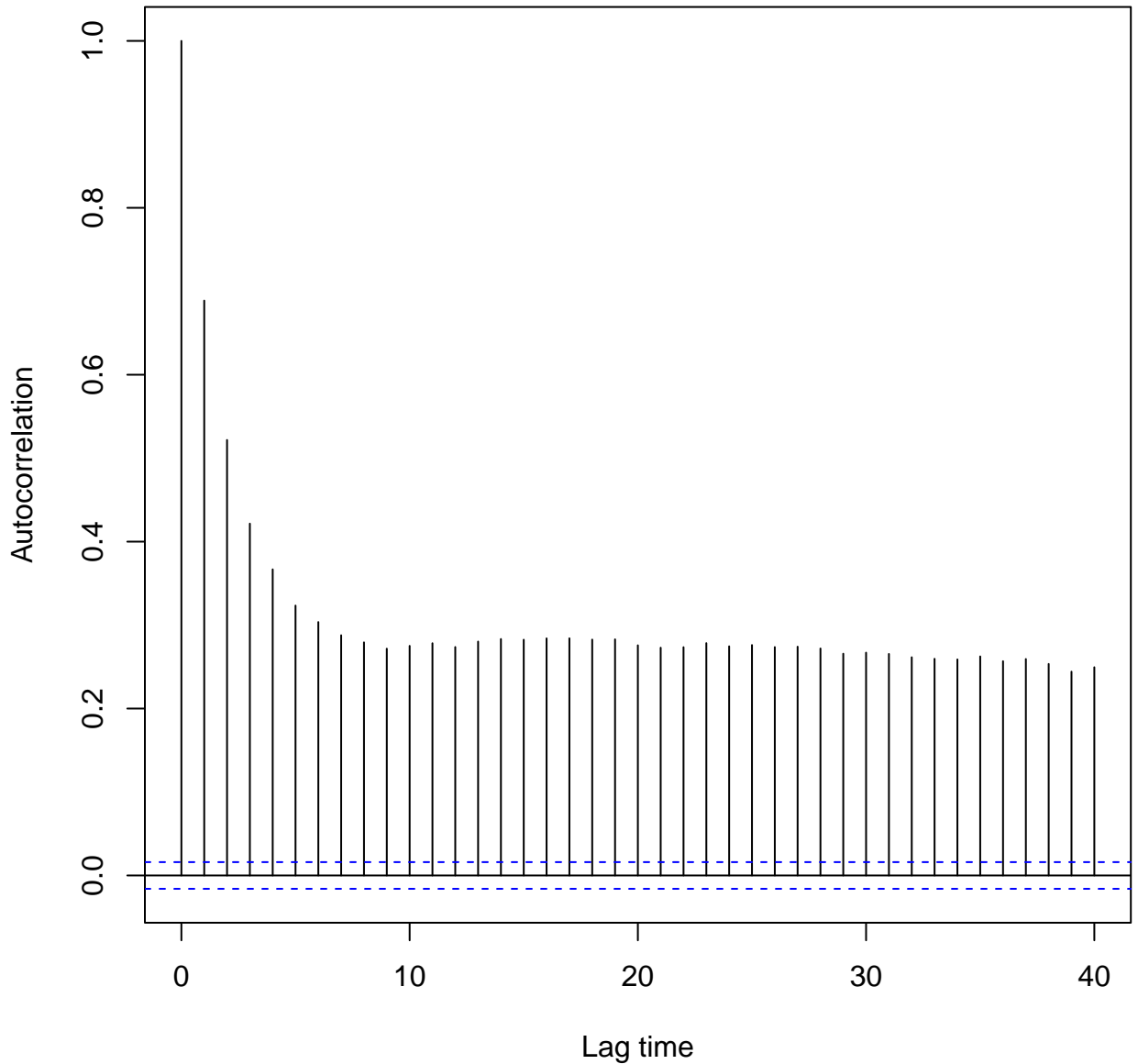
Selection E GAA Mixture: 2



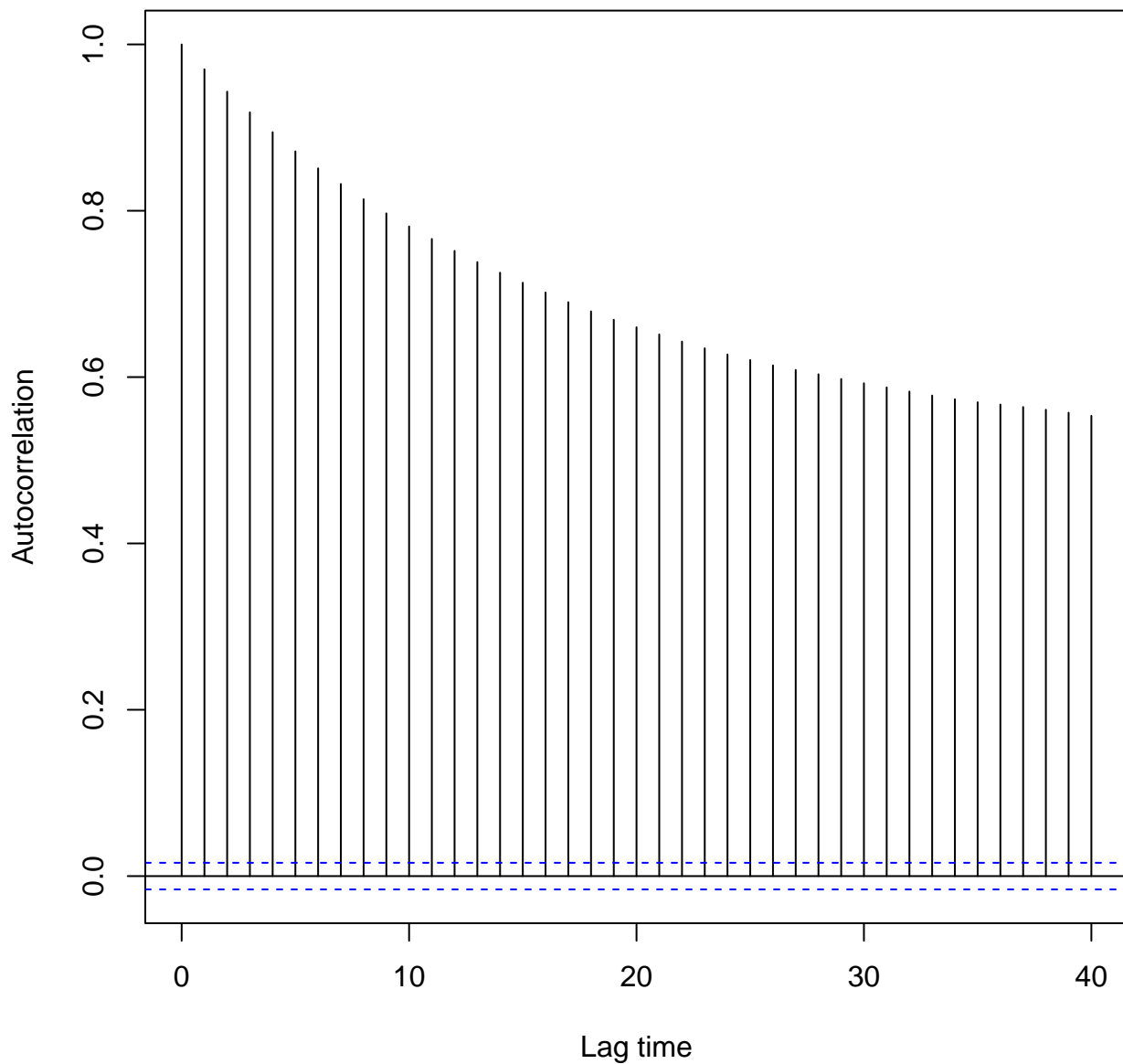
Selection F TTC Mixture: 1



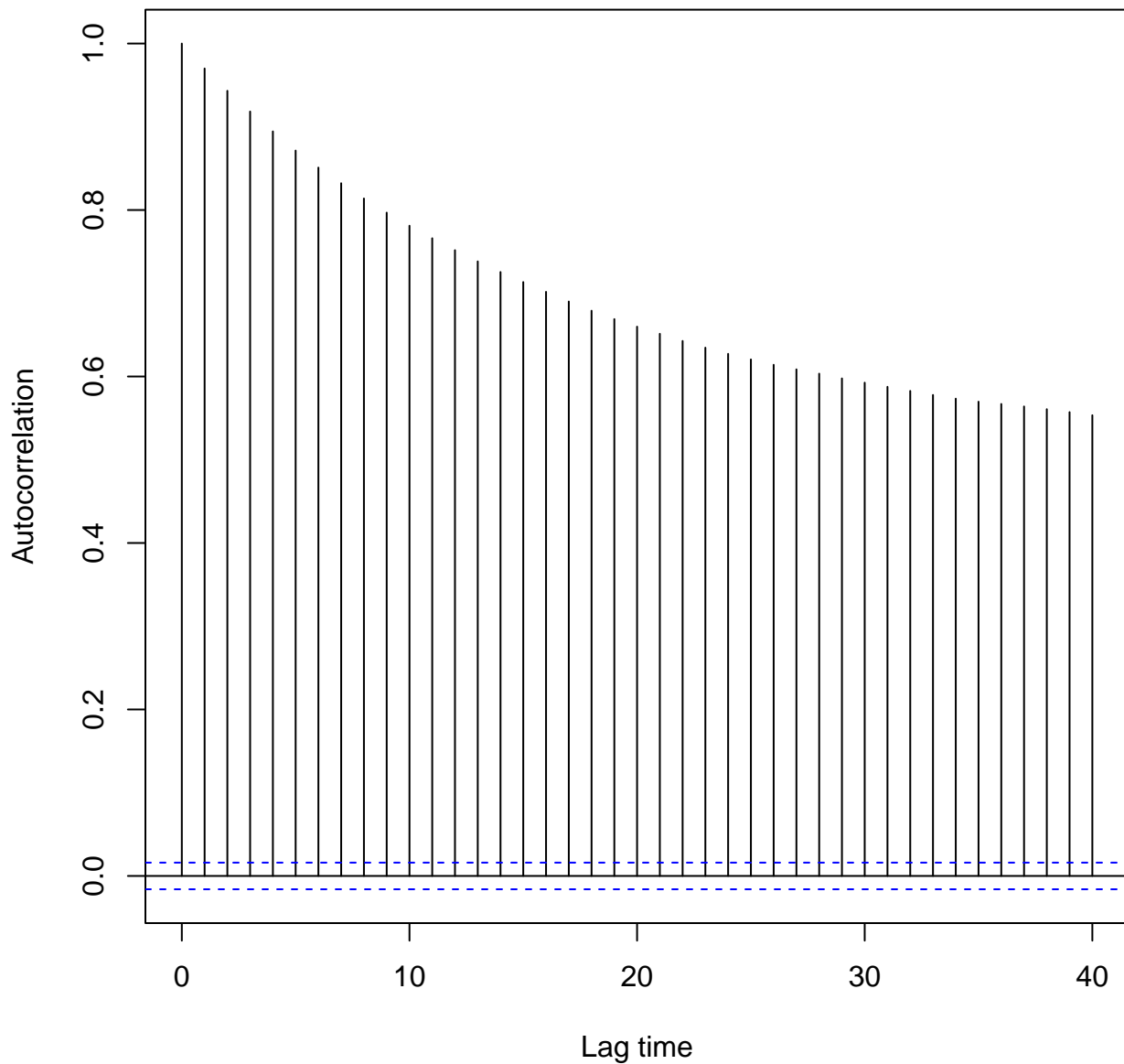
Selection F TTC Mixture: 2



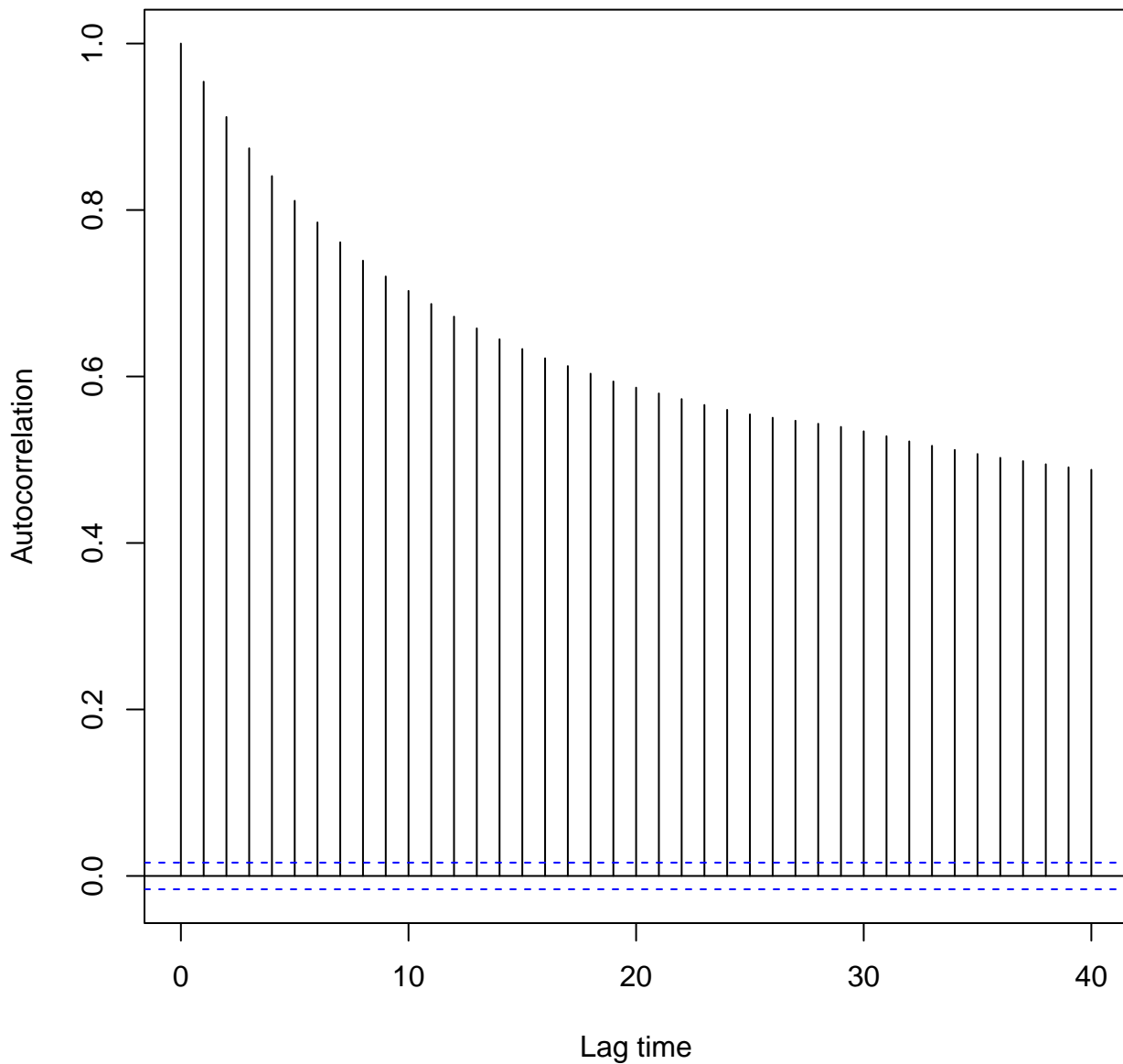
Selection G GGA Mixture: 1



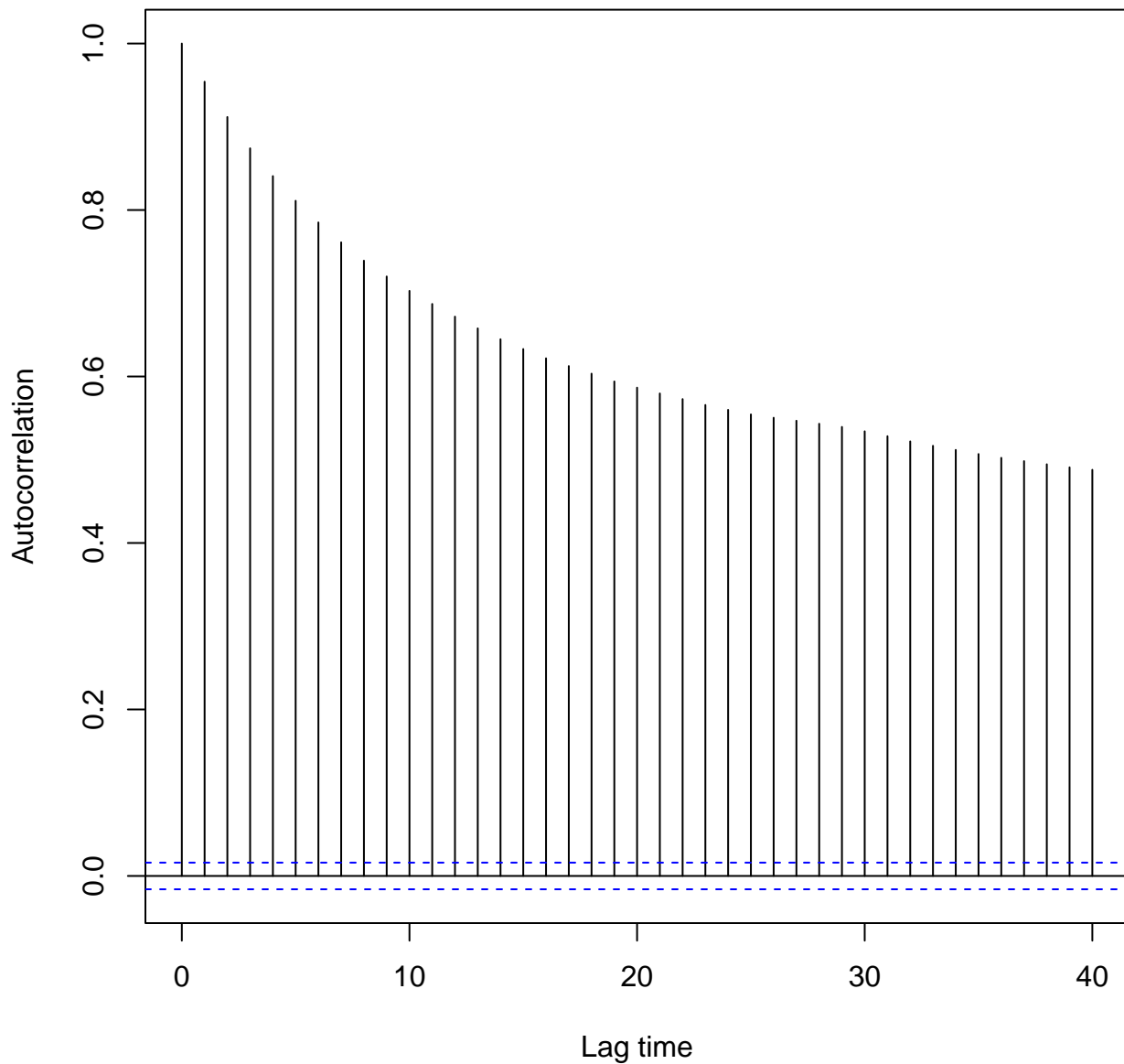
Selection G GGA Mixture: 2



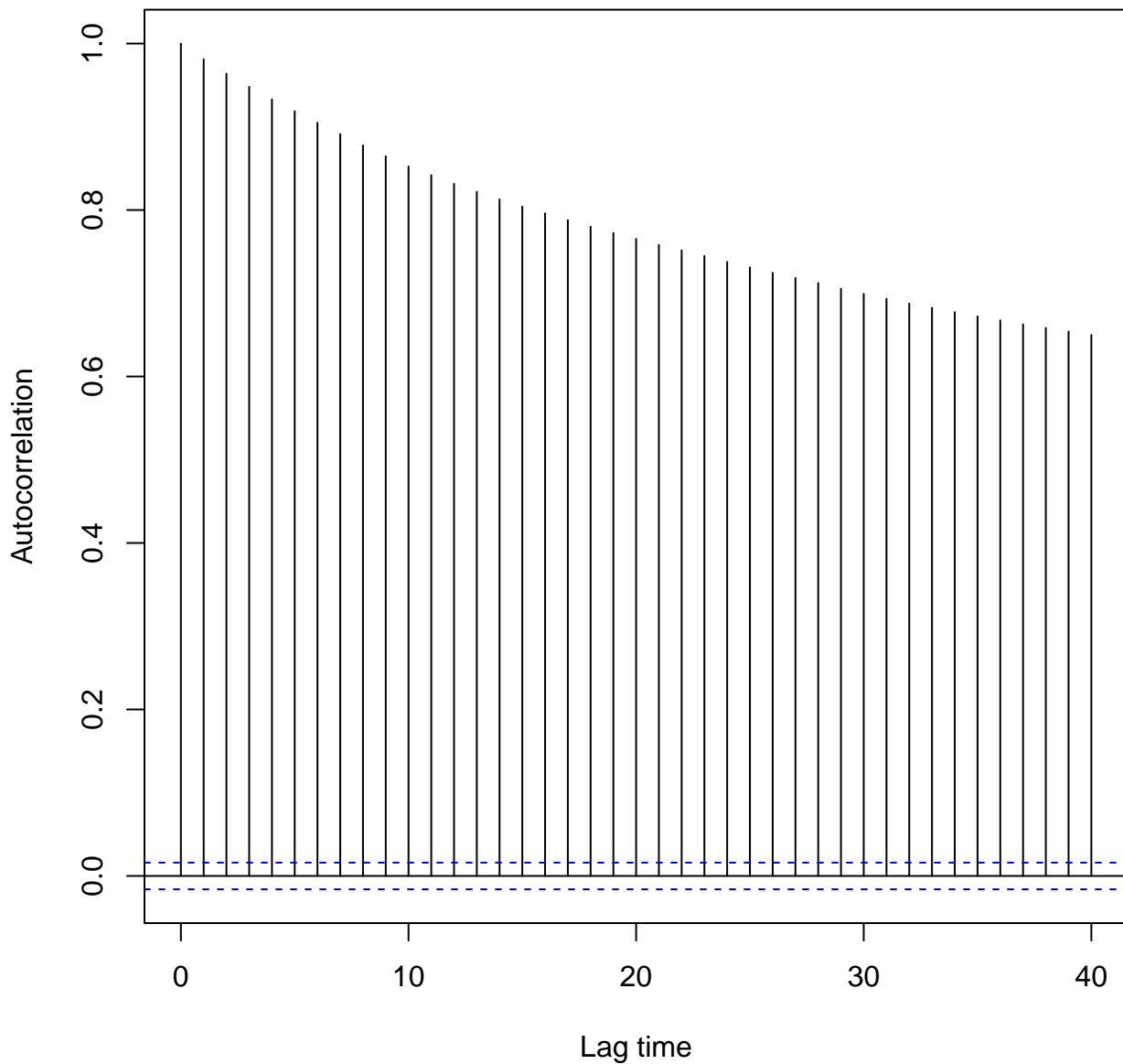
Selection G GGC Mixture: 1



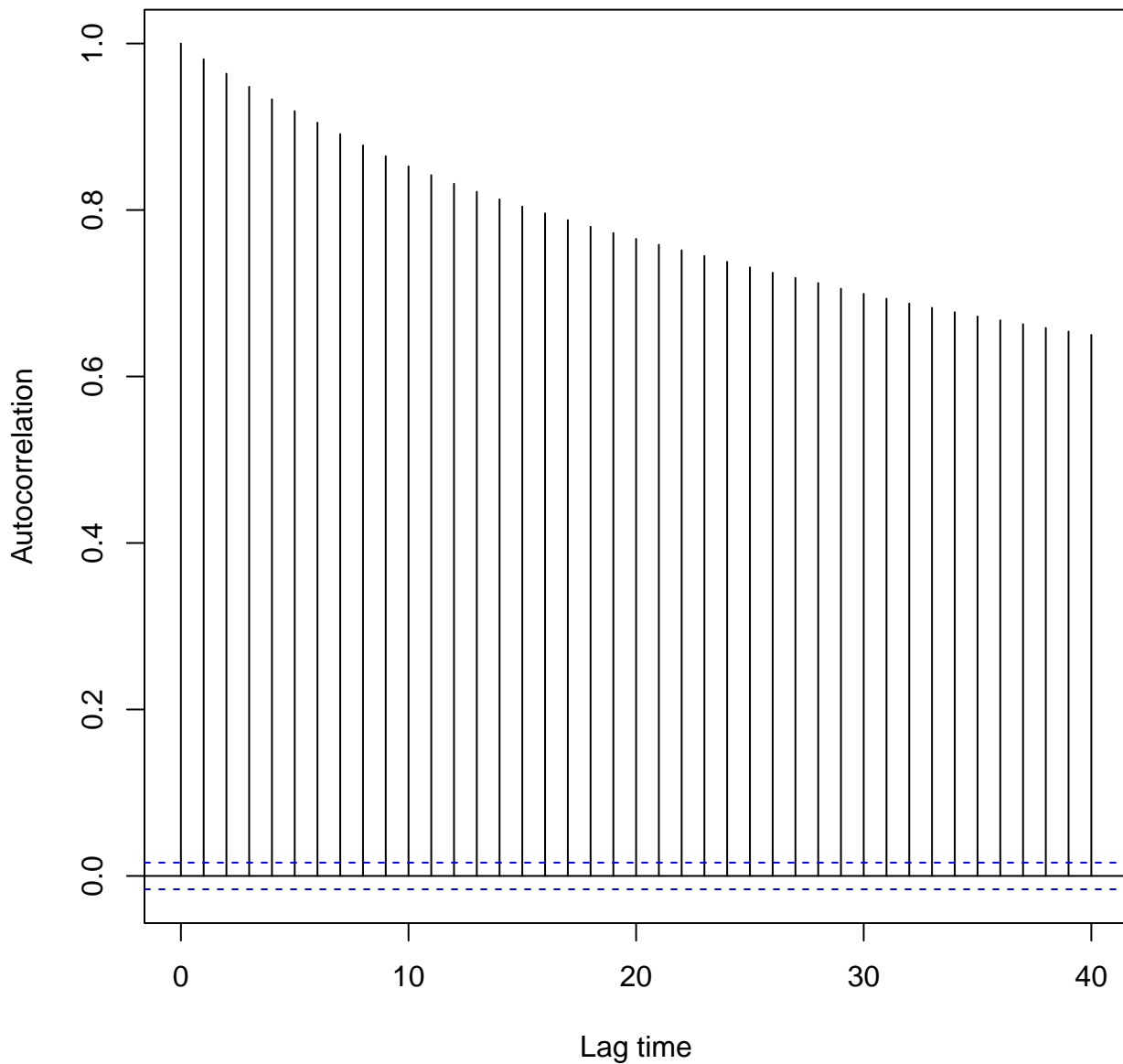
Selection G GGC Mixture: 2



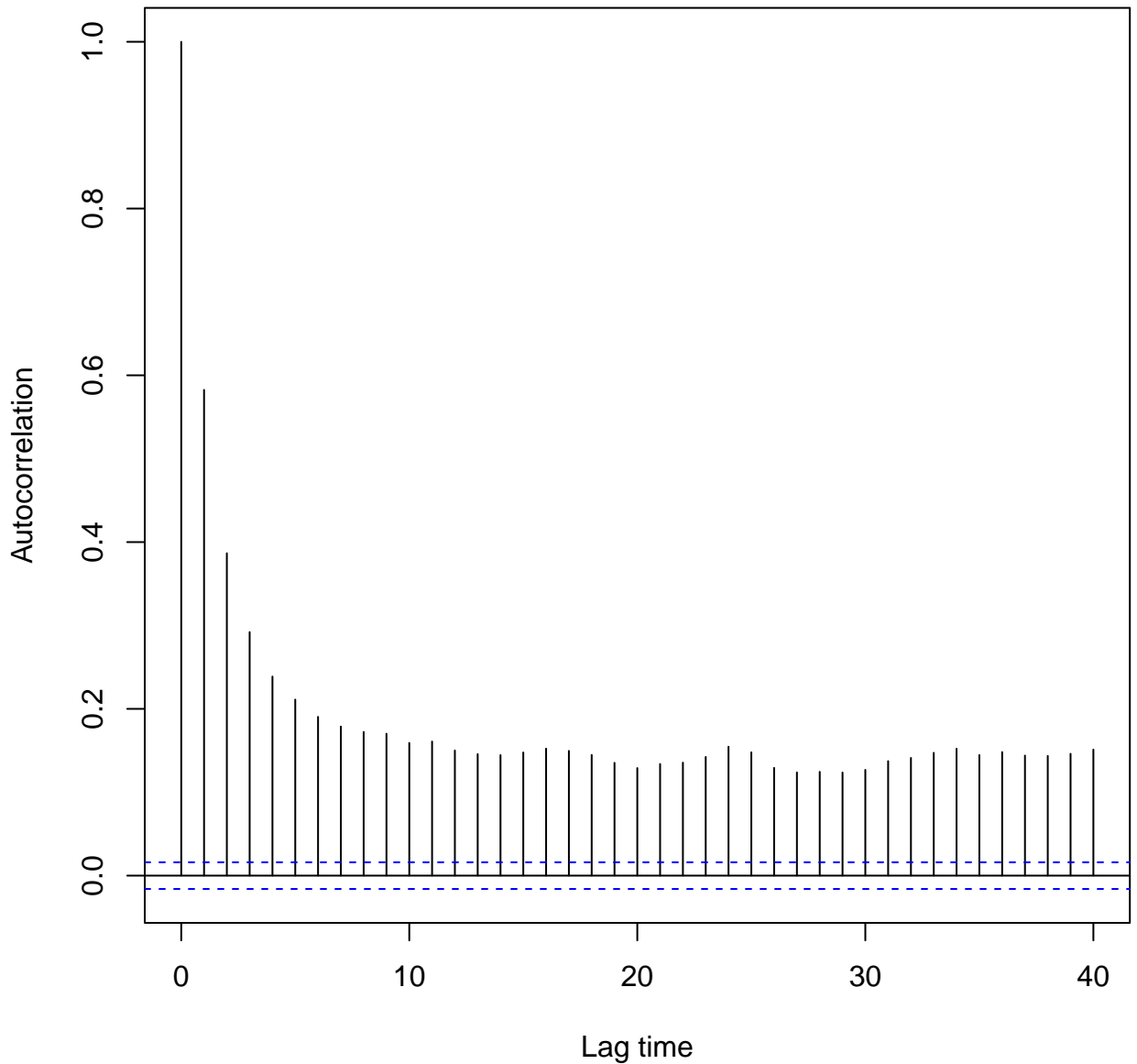
Selection G GGG Mixture: 1



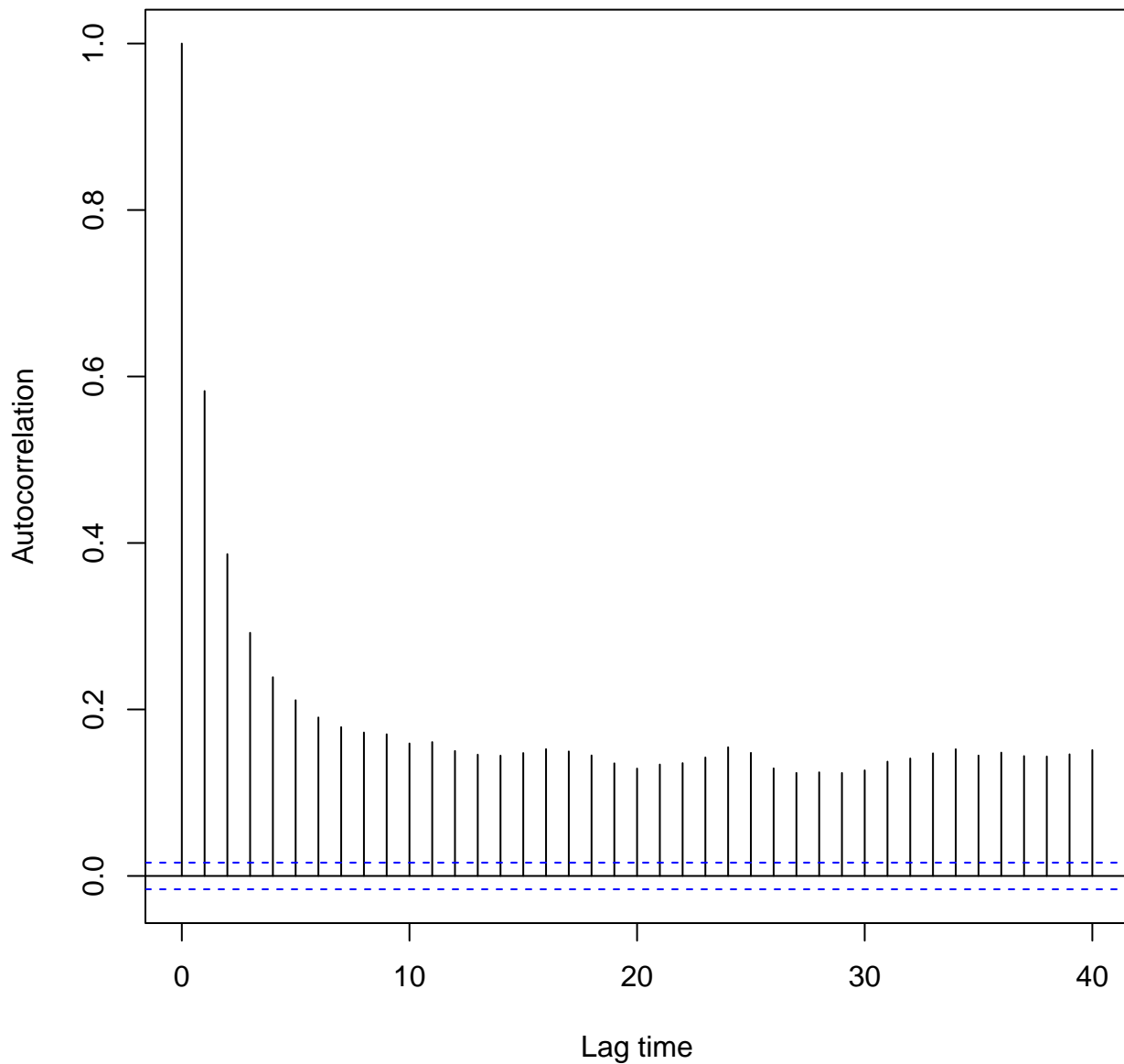
Selection G GGG Mixture: 2



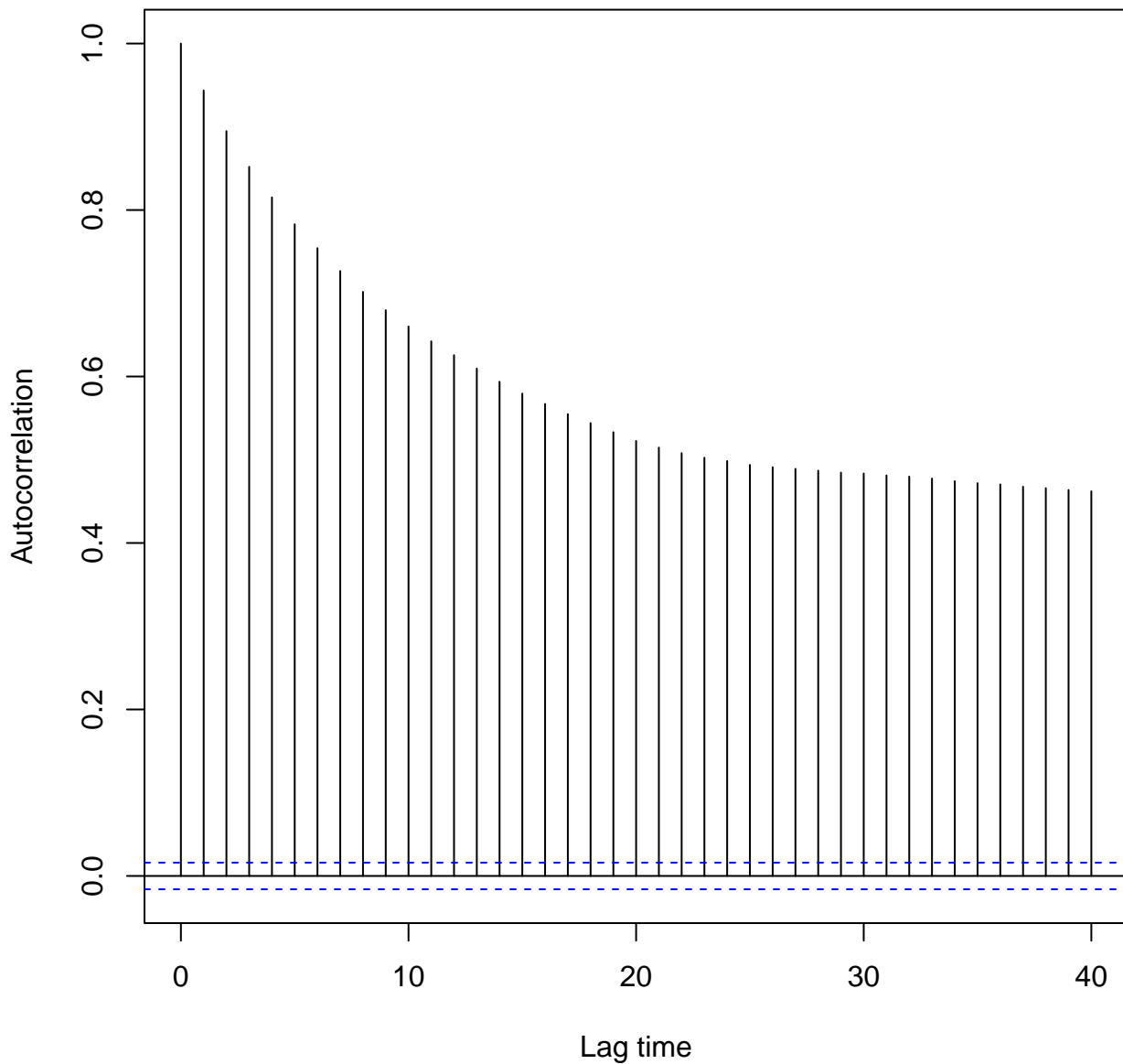
Selection H CAC Mixture: 1



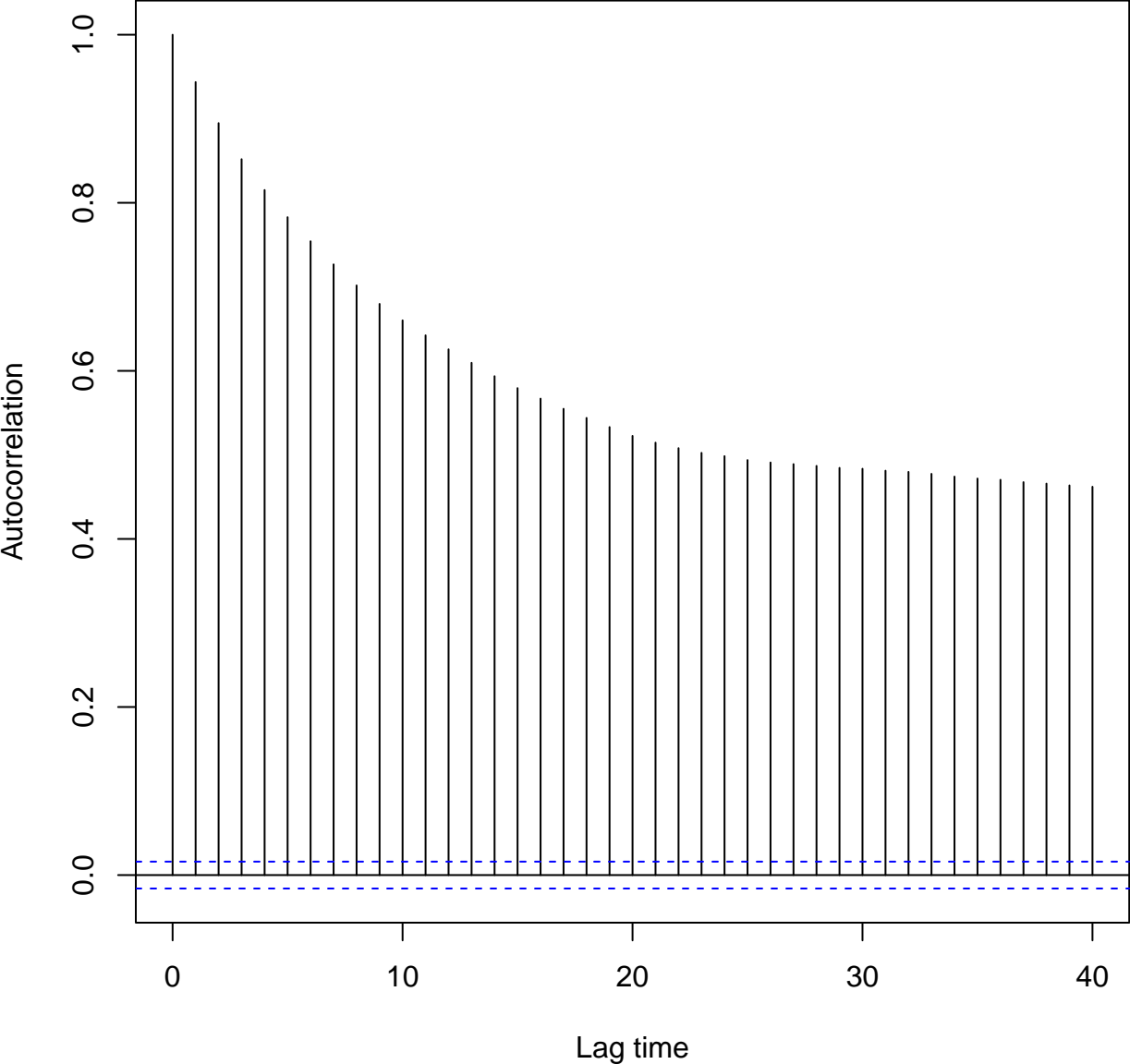
Selection H CAC Mixture: 2



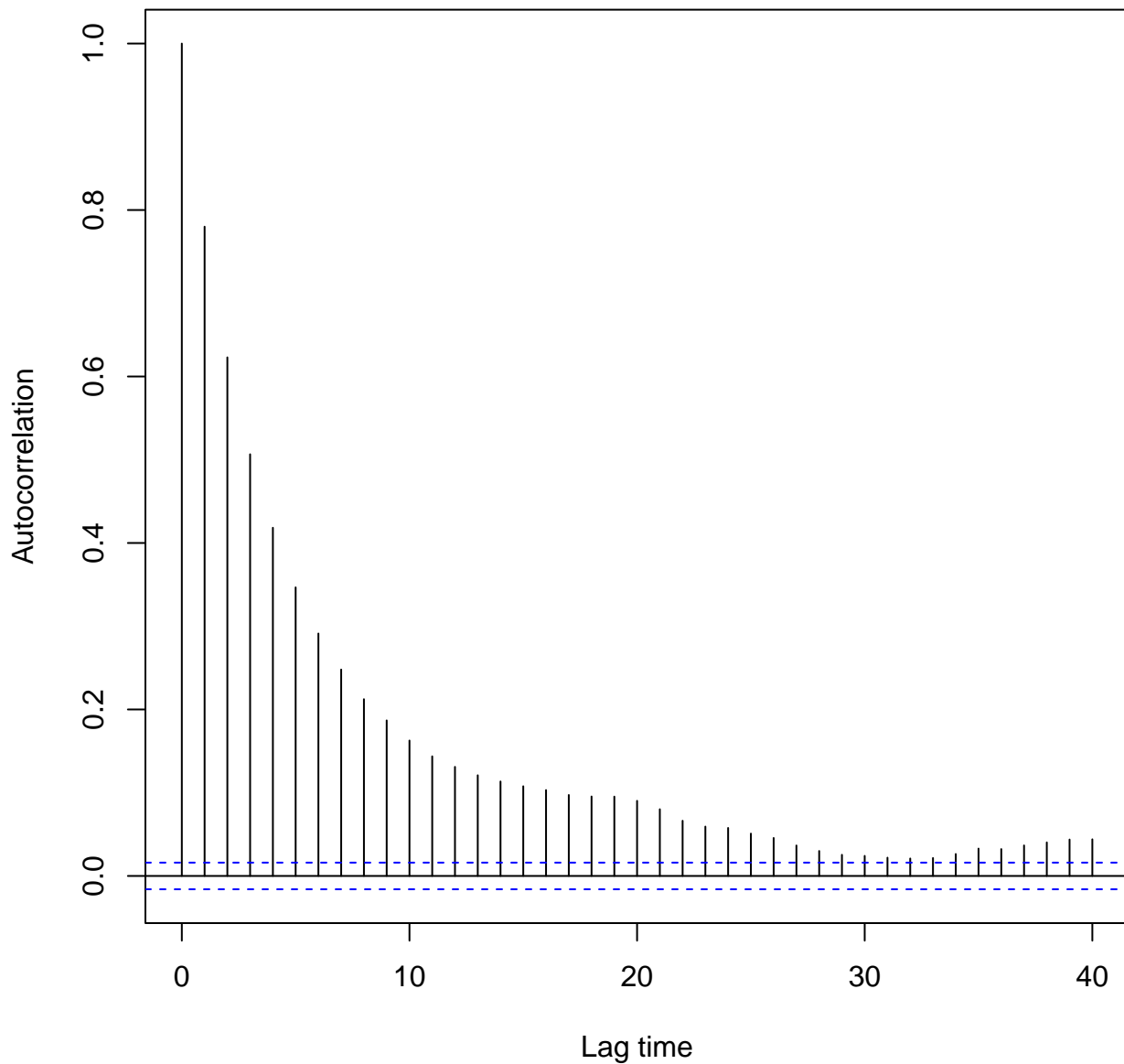
Selection I ATA Mixture: 1



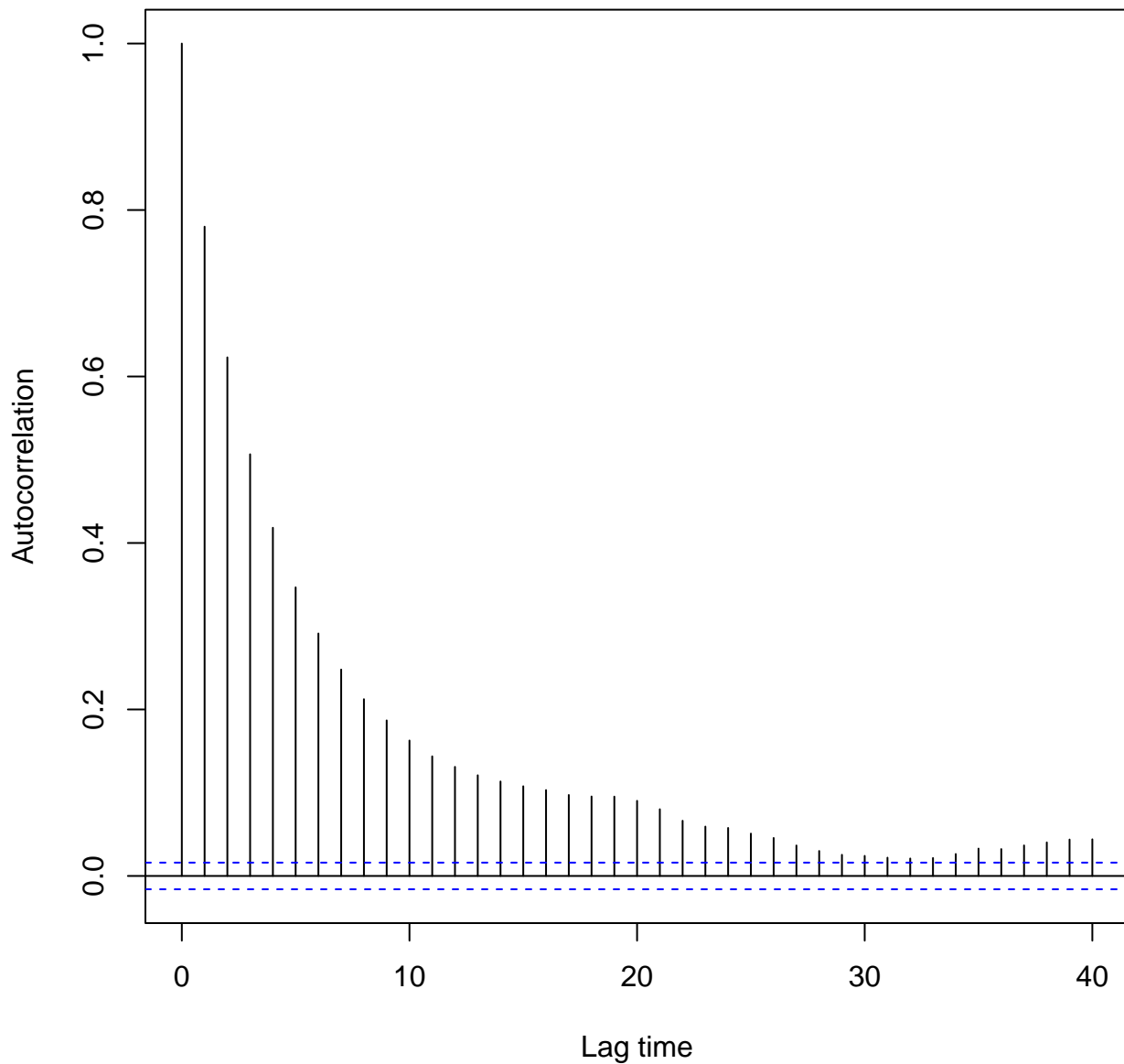
Selection I ATA Mixture: 2



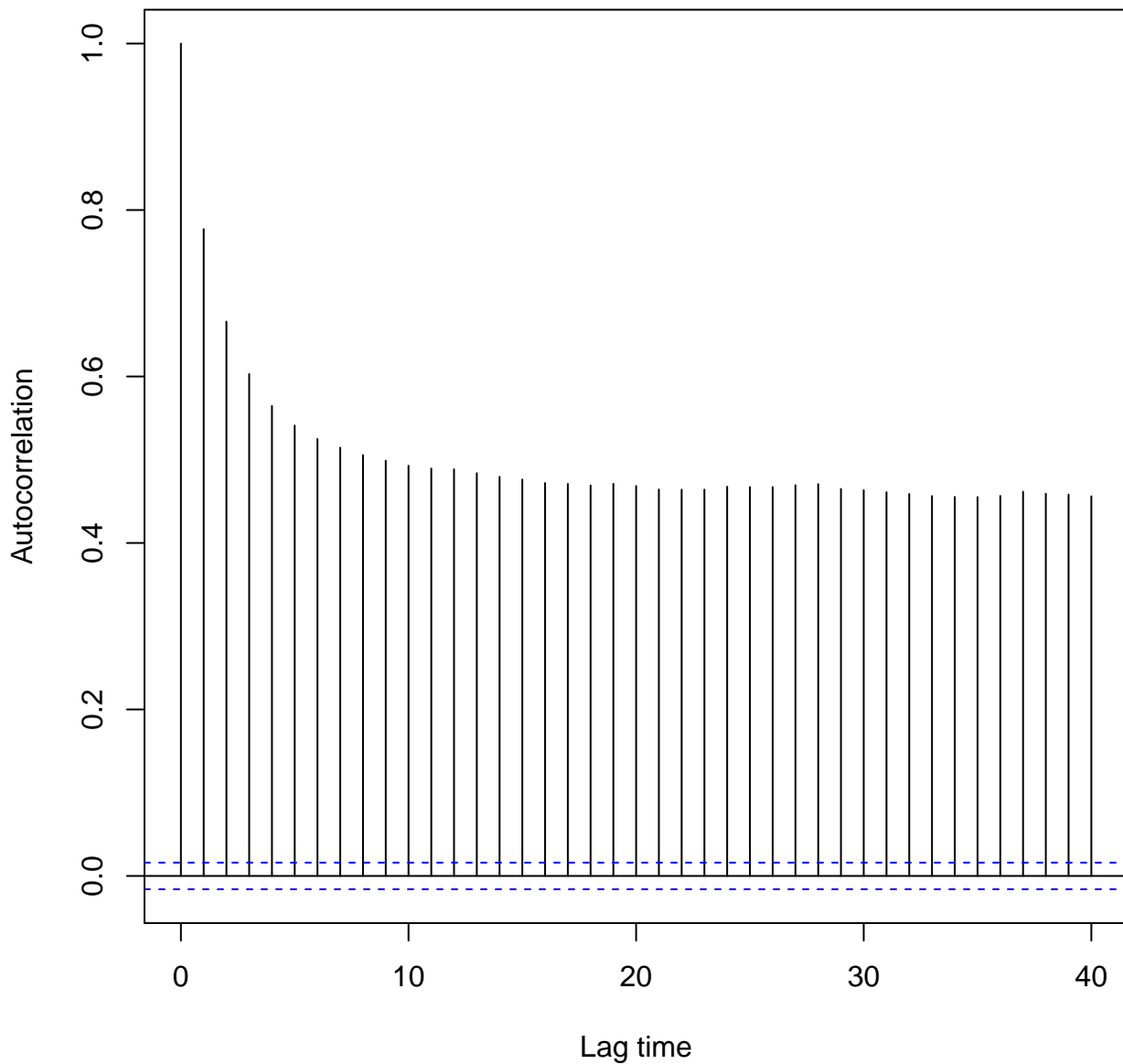
Selection I ATC Mixture: 1



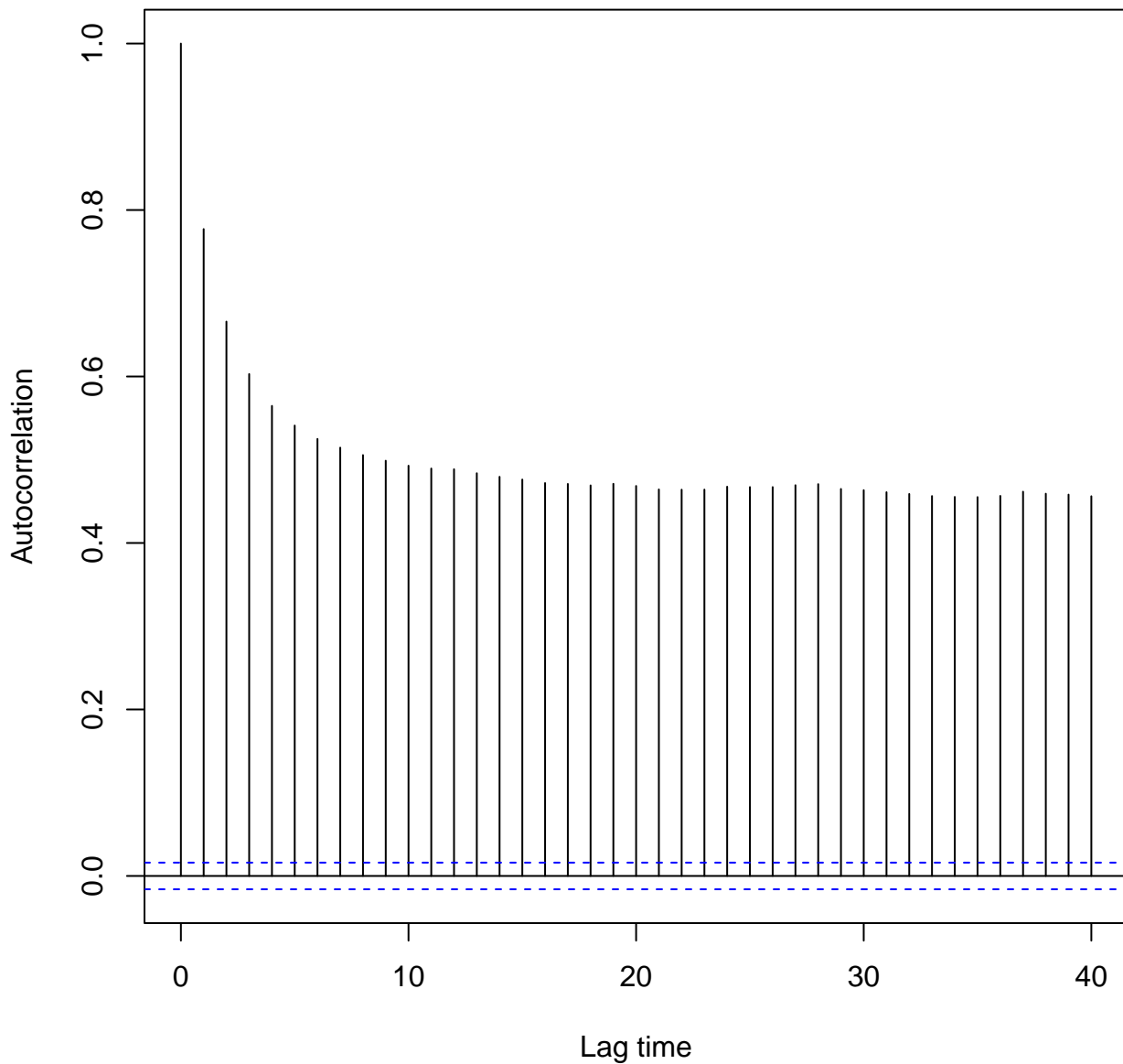
Selection I ATC Mixture: 2



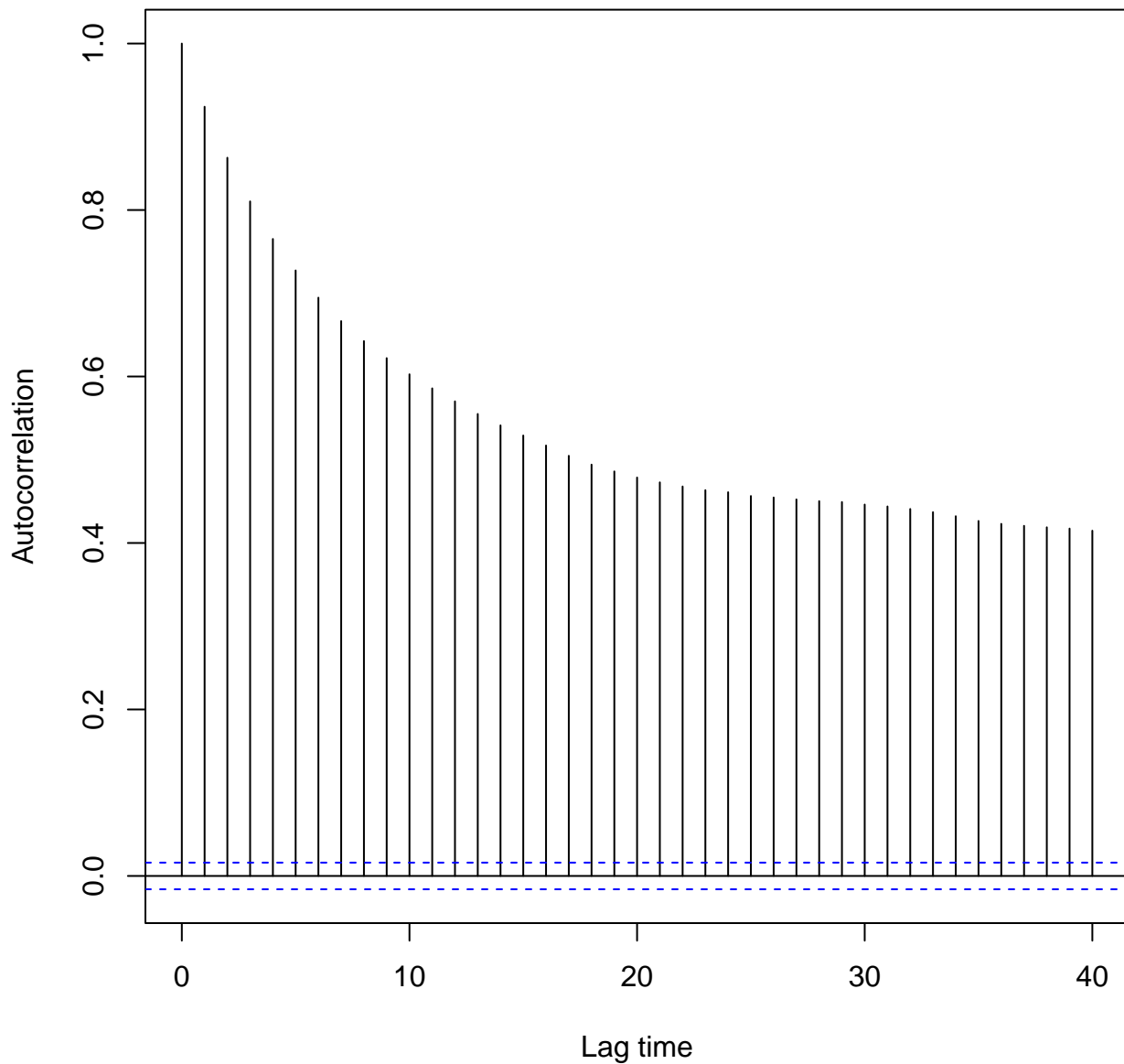
Selection K AAA Mixture: 1



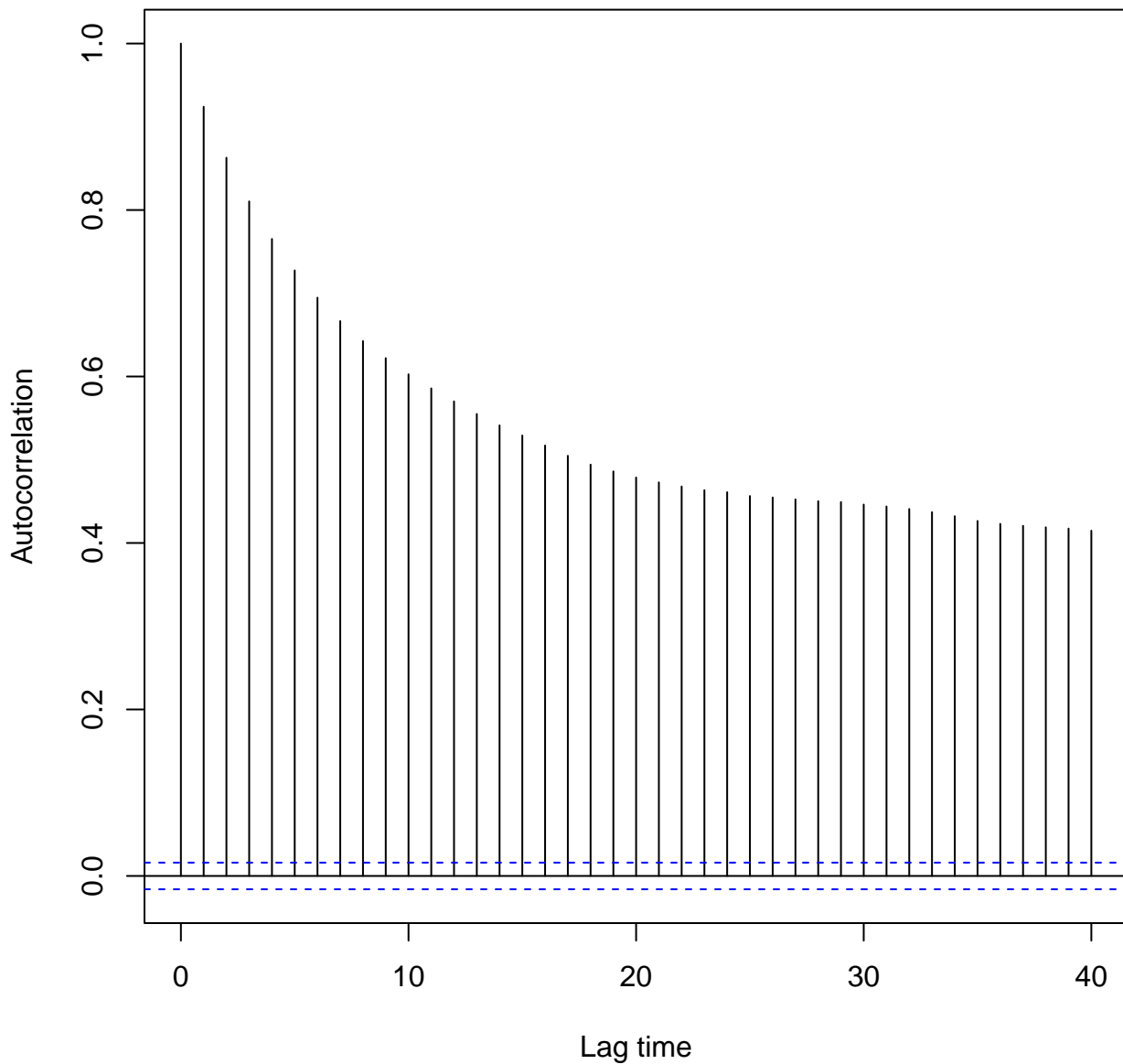
Selection K AAA Mixture: 2



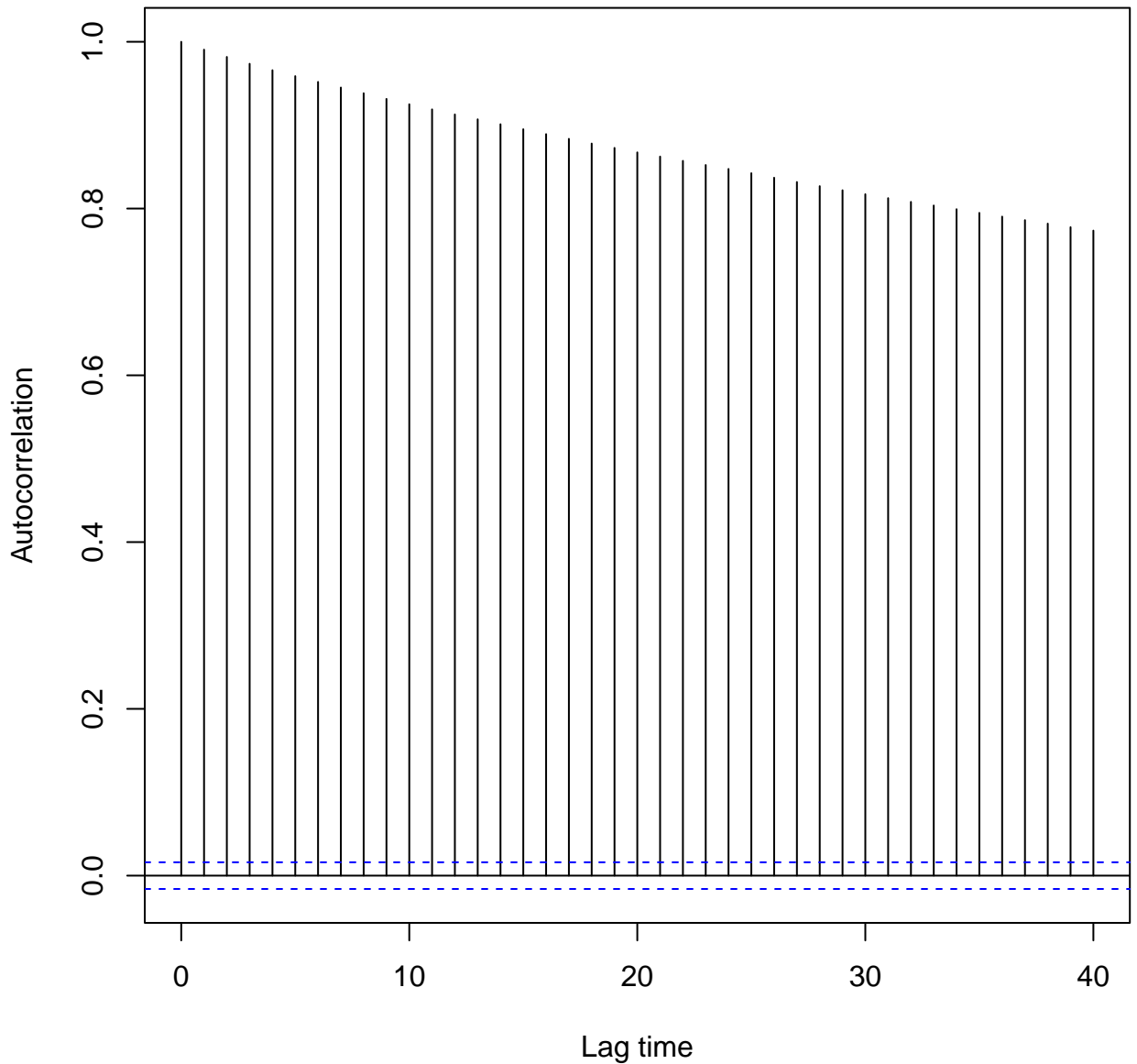
Selection L CTA Mixture: 1



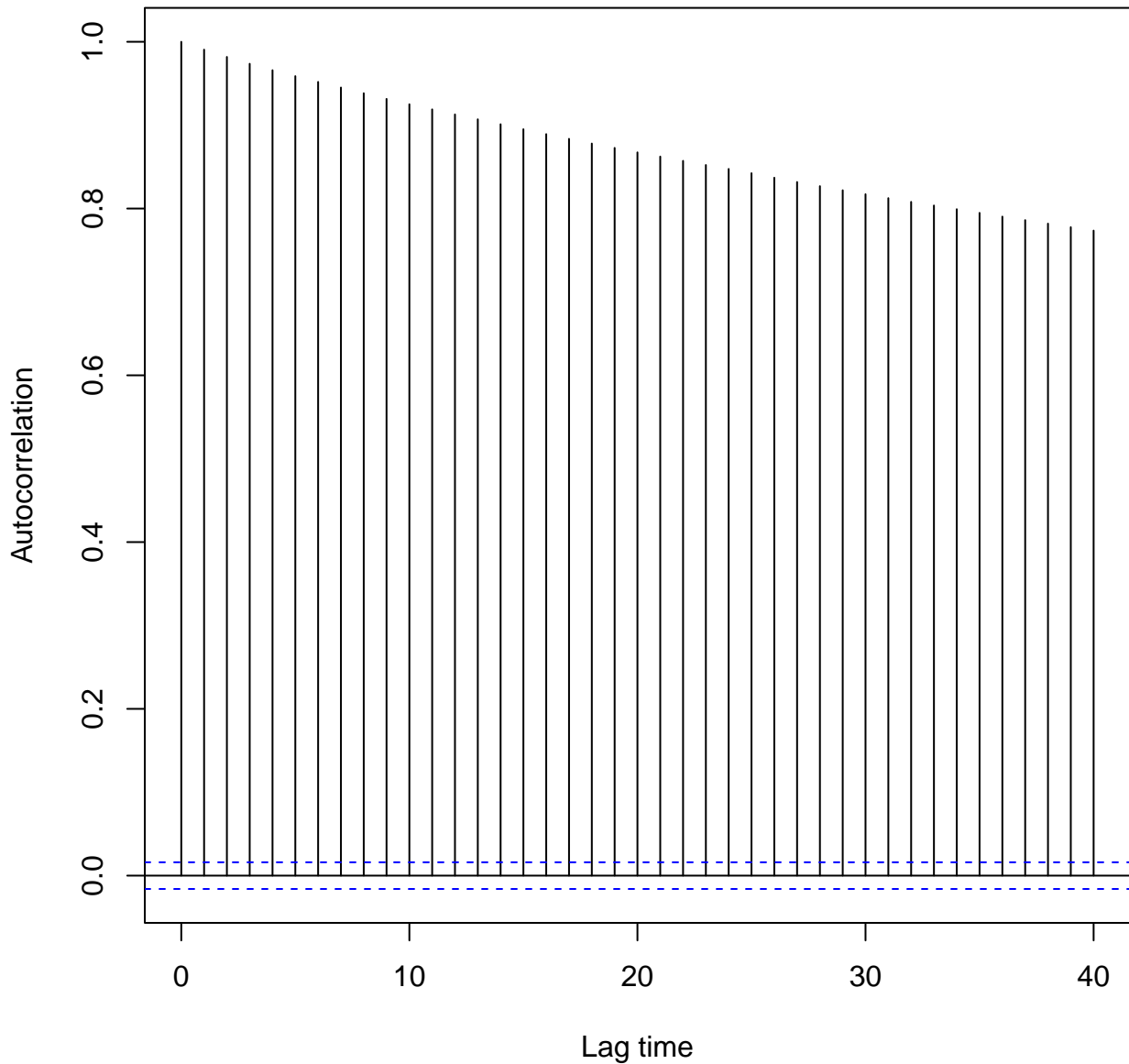
Selection L CTA Mixture: 2



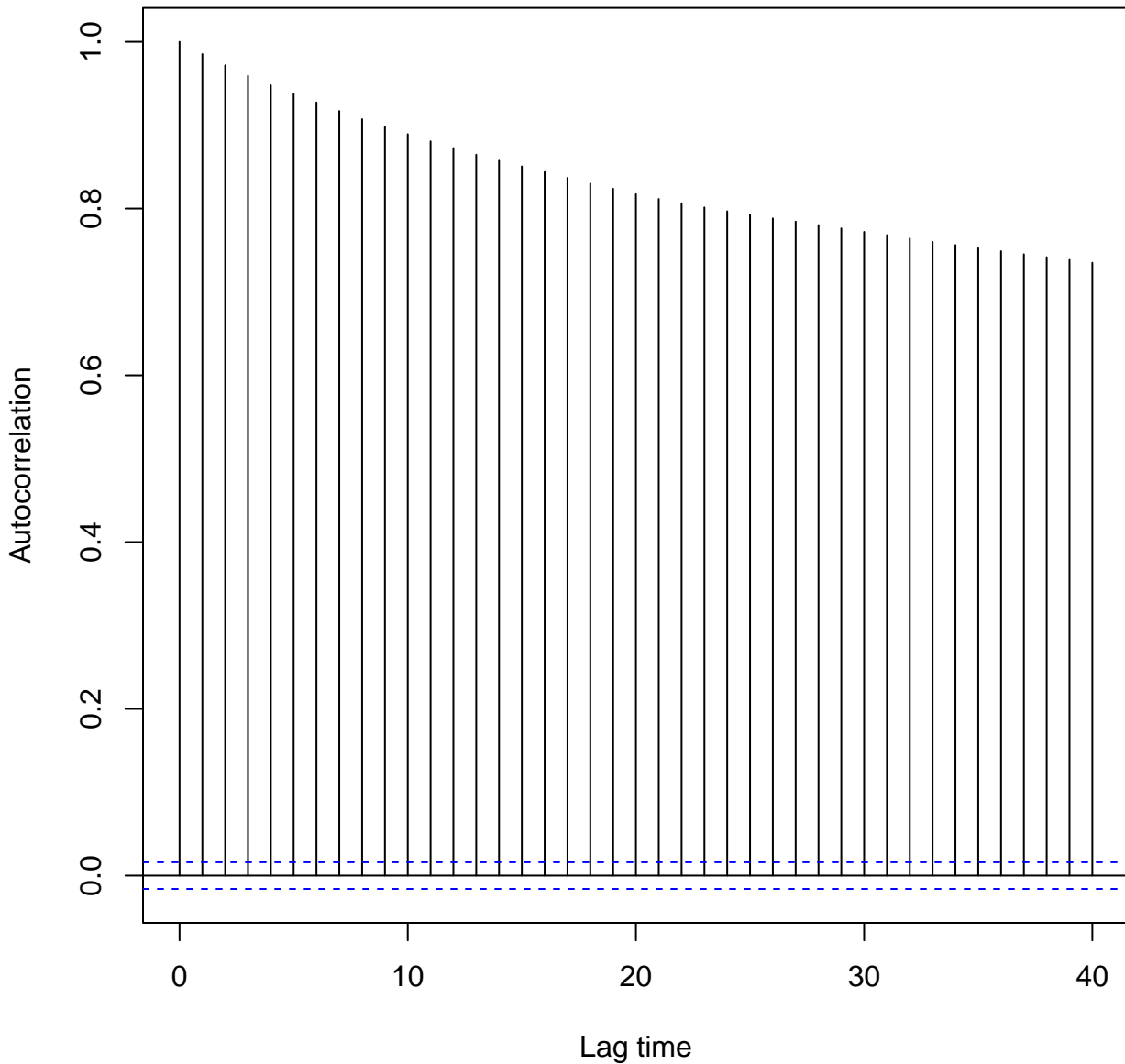
Selection L CTC Mixture: 1



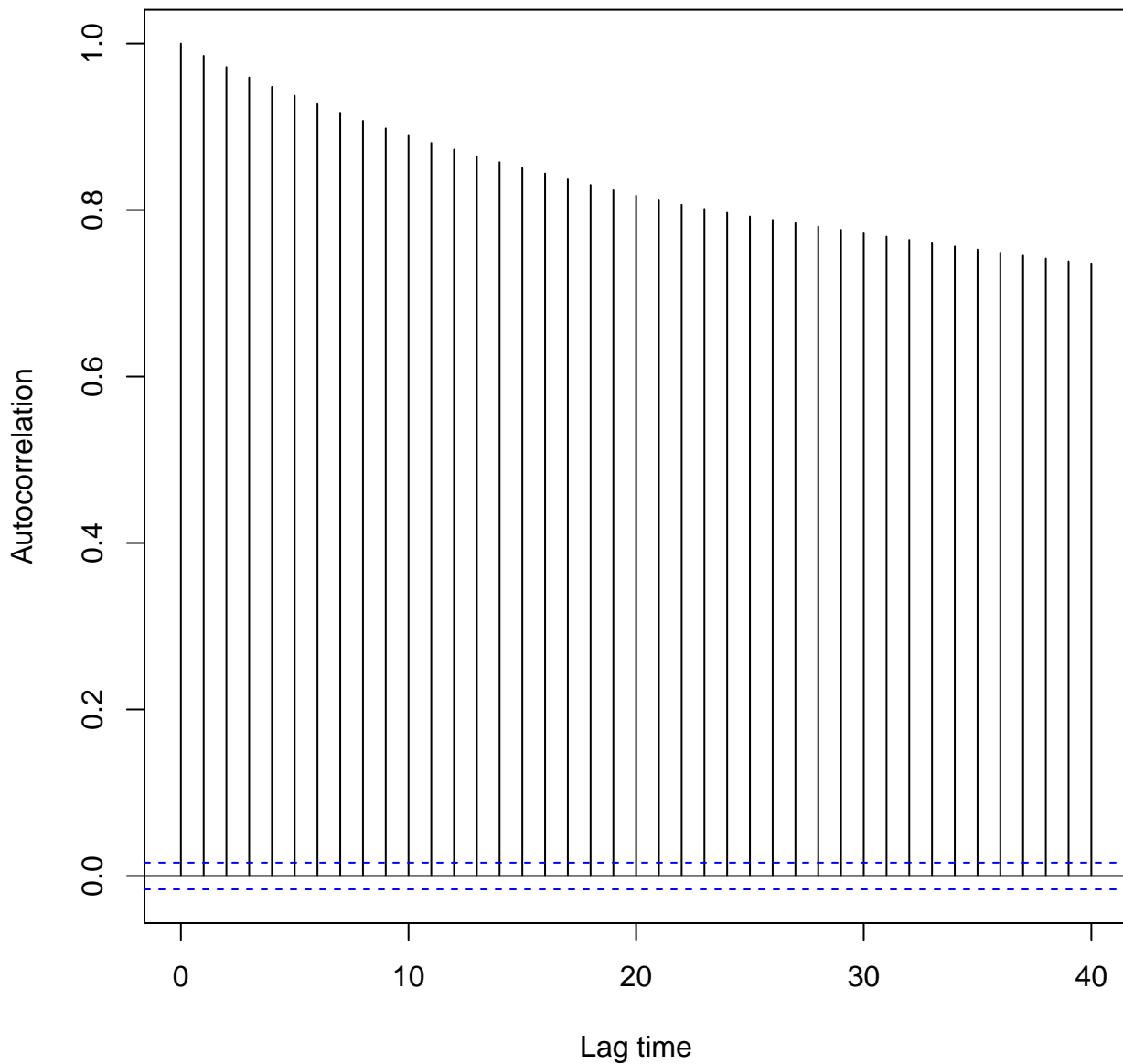
Selection L CTC Mixture: 2



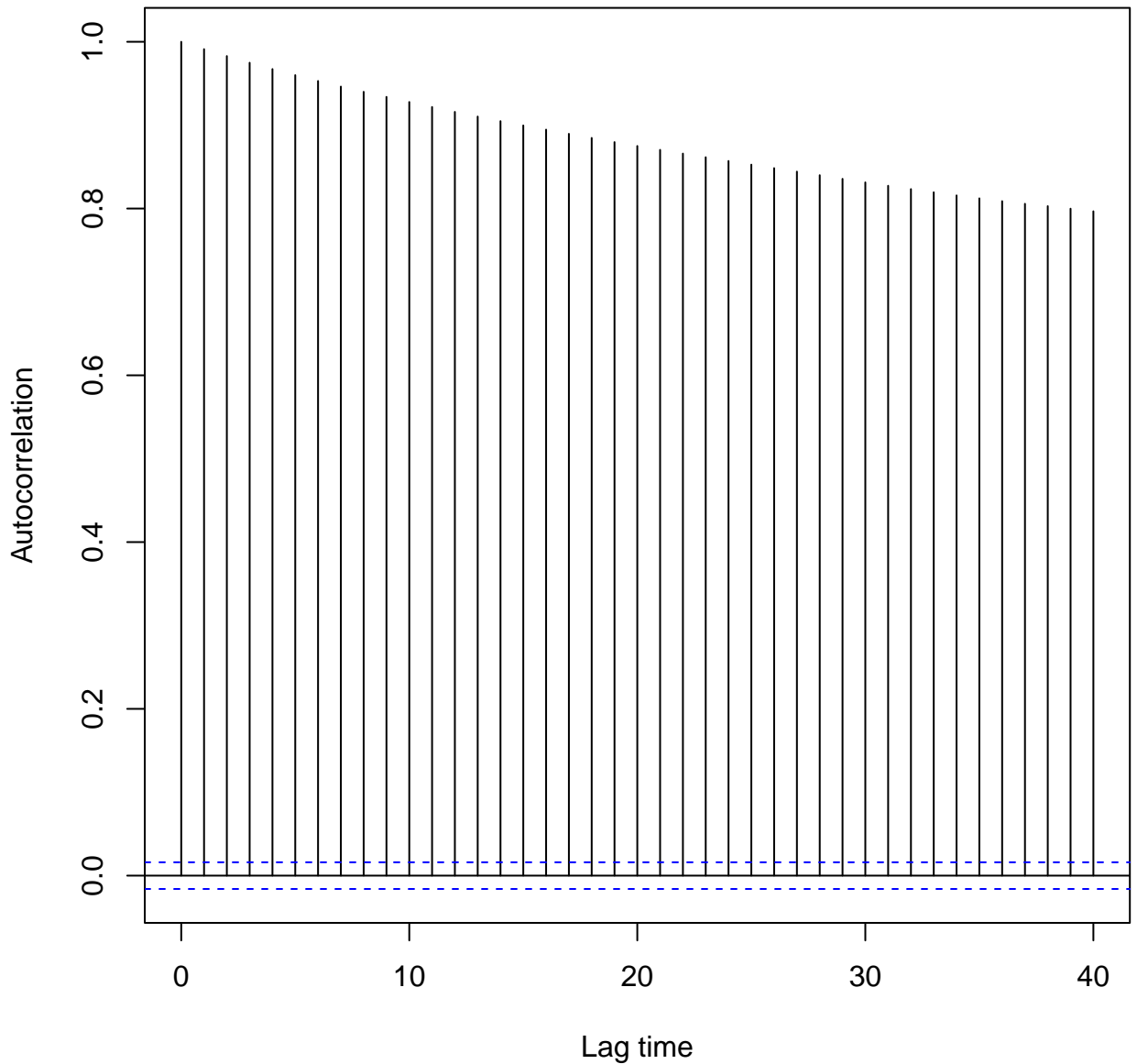
Selection L CTG Mixture: 1



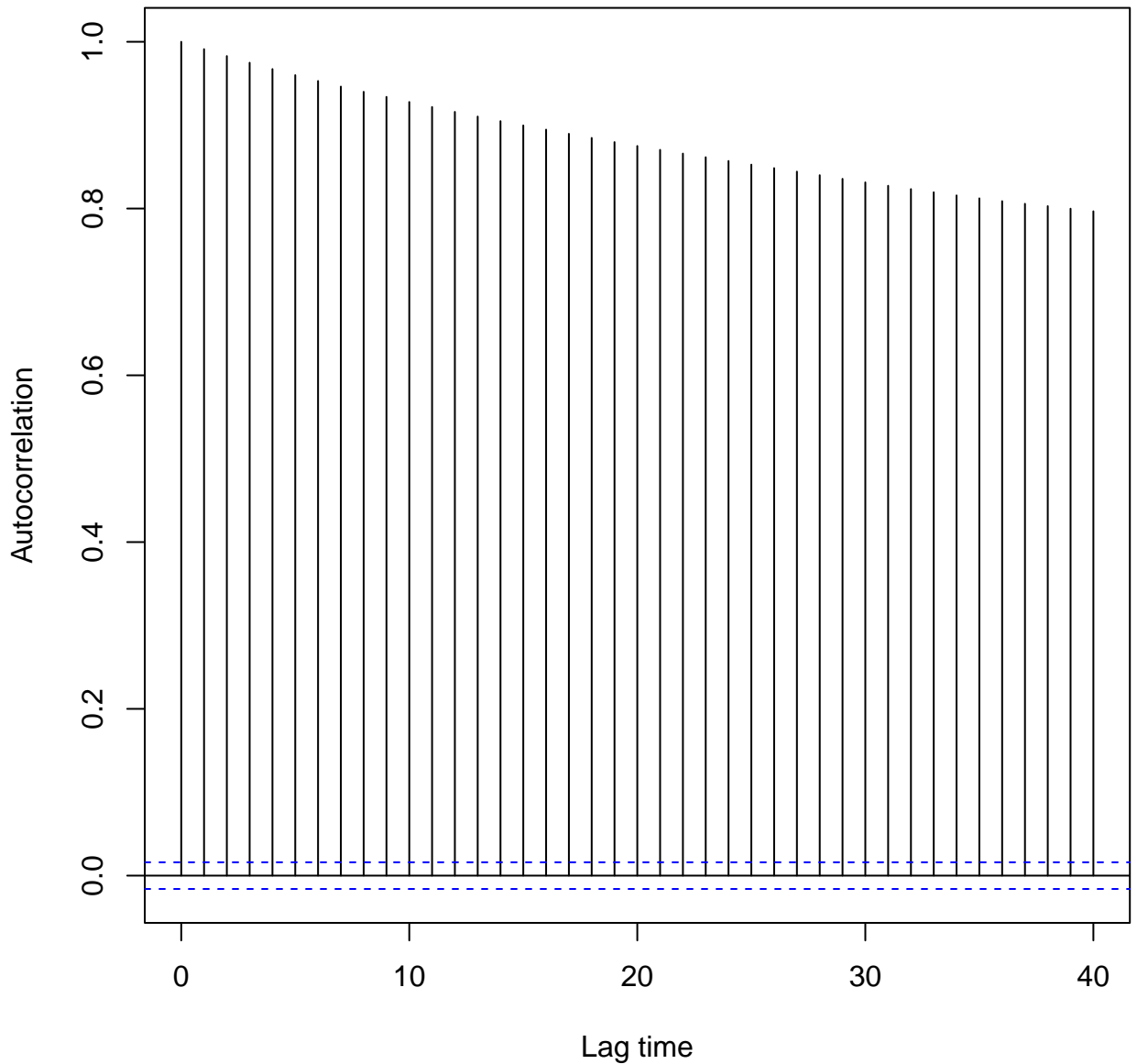
Selection L CTG Mixture: 2



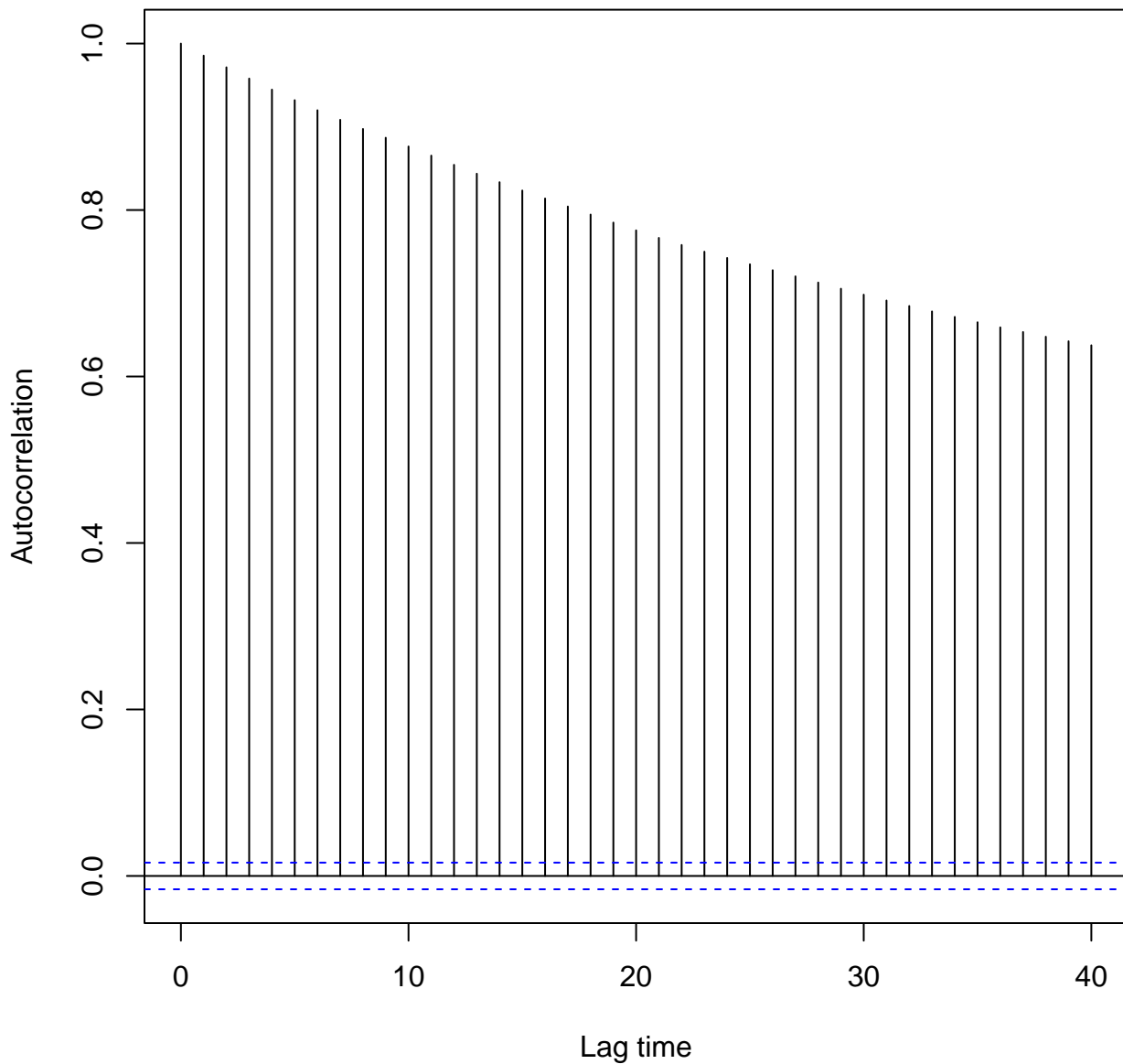
Selection L CTT Mixture: 1



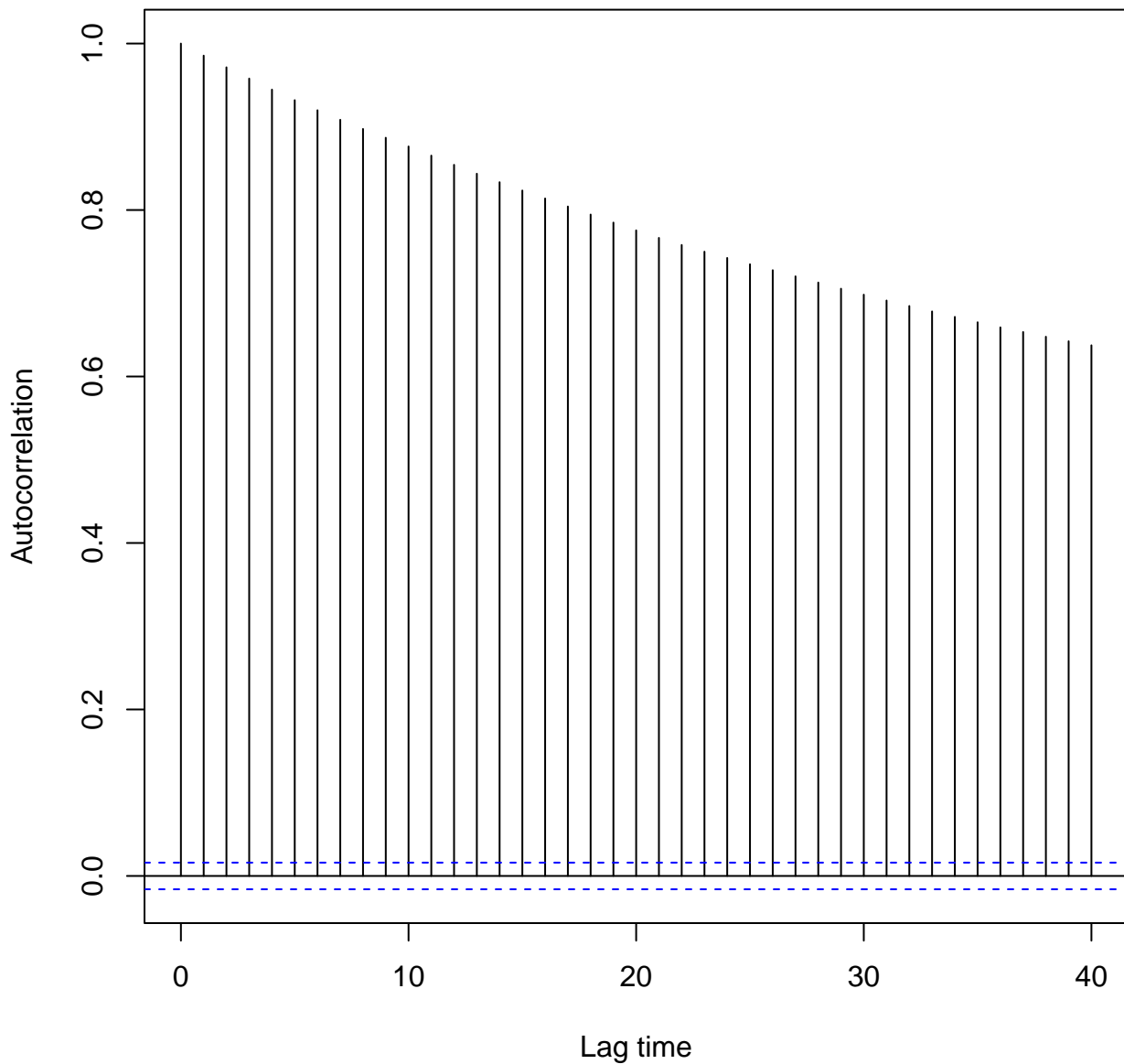
Selection L CTT Mixture: 2



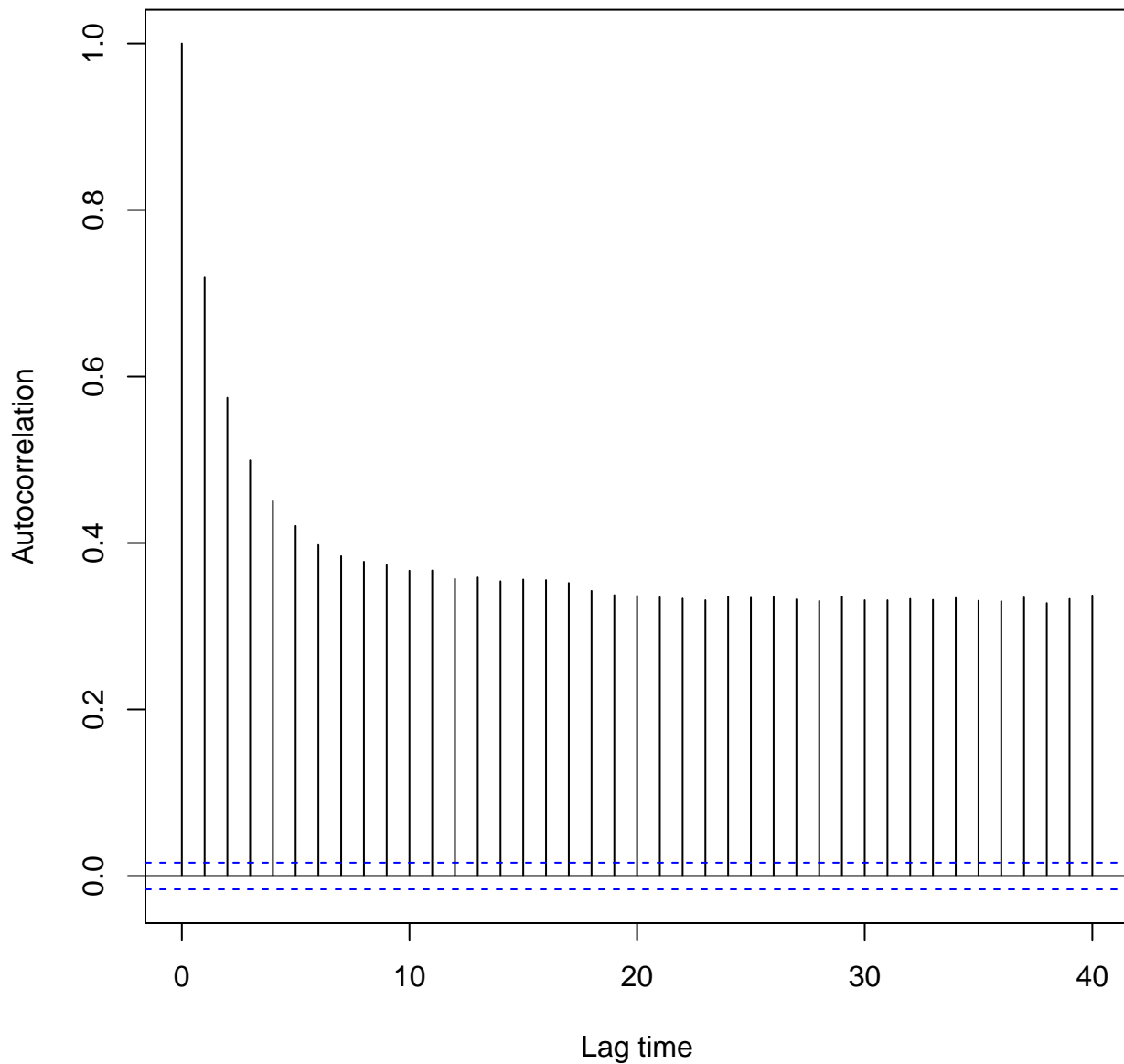
Selection L TTA Mixture: 1



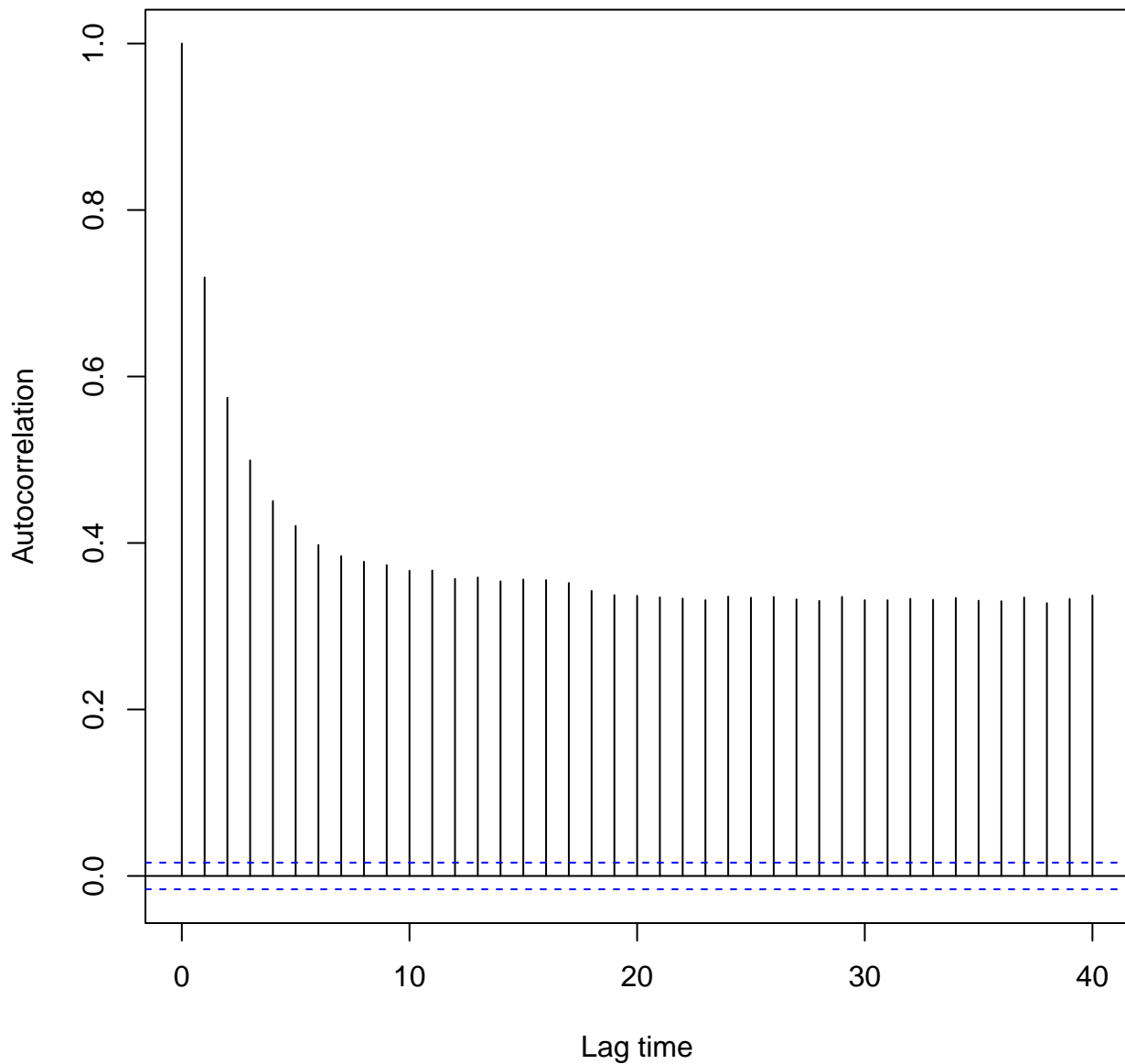
Selection L TTA Mixture: 2



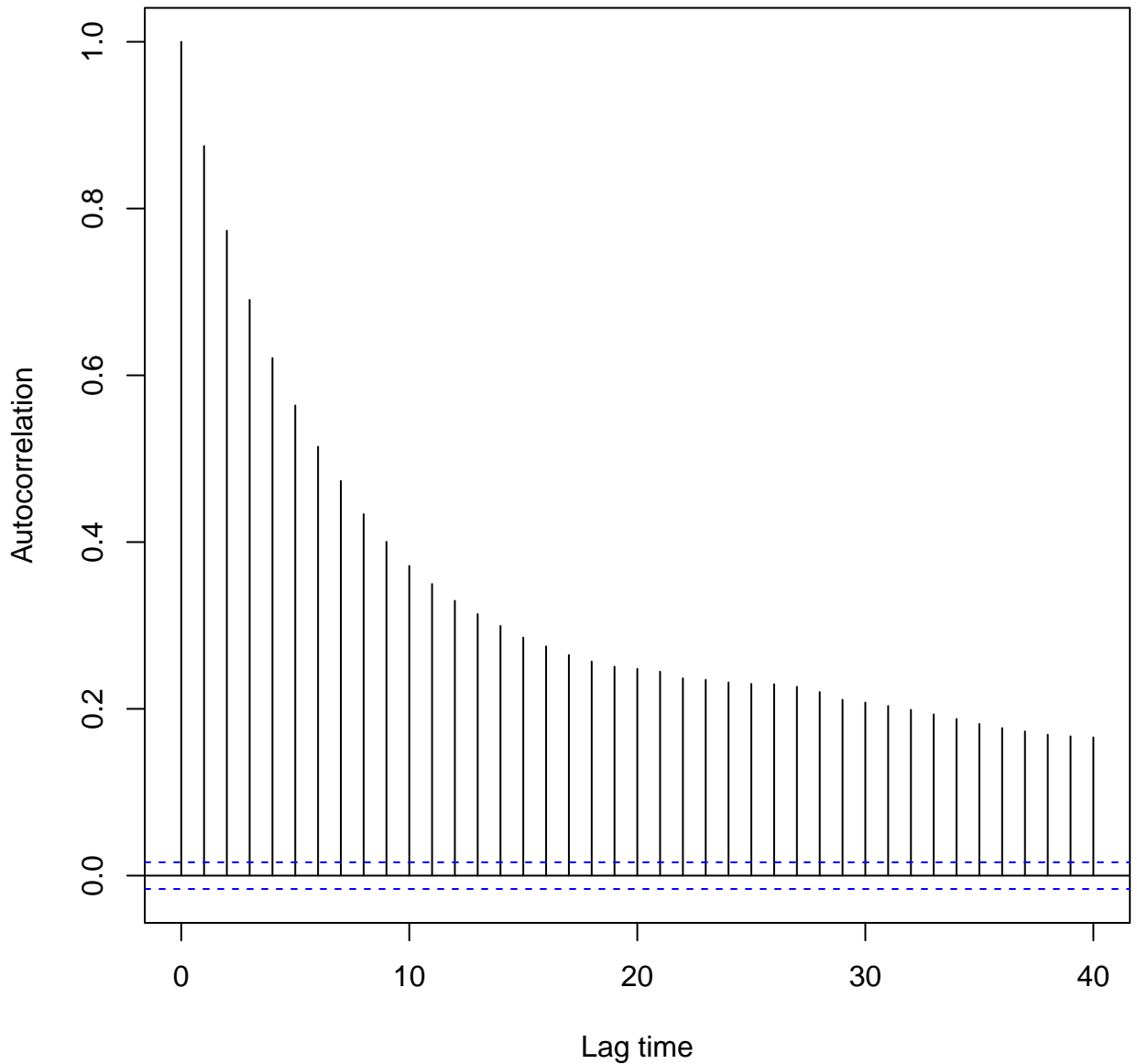
Selection N AAC Mixture: 1



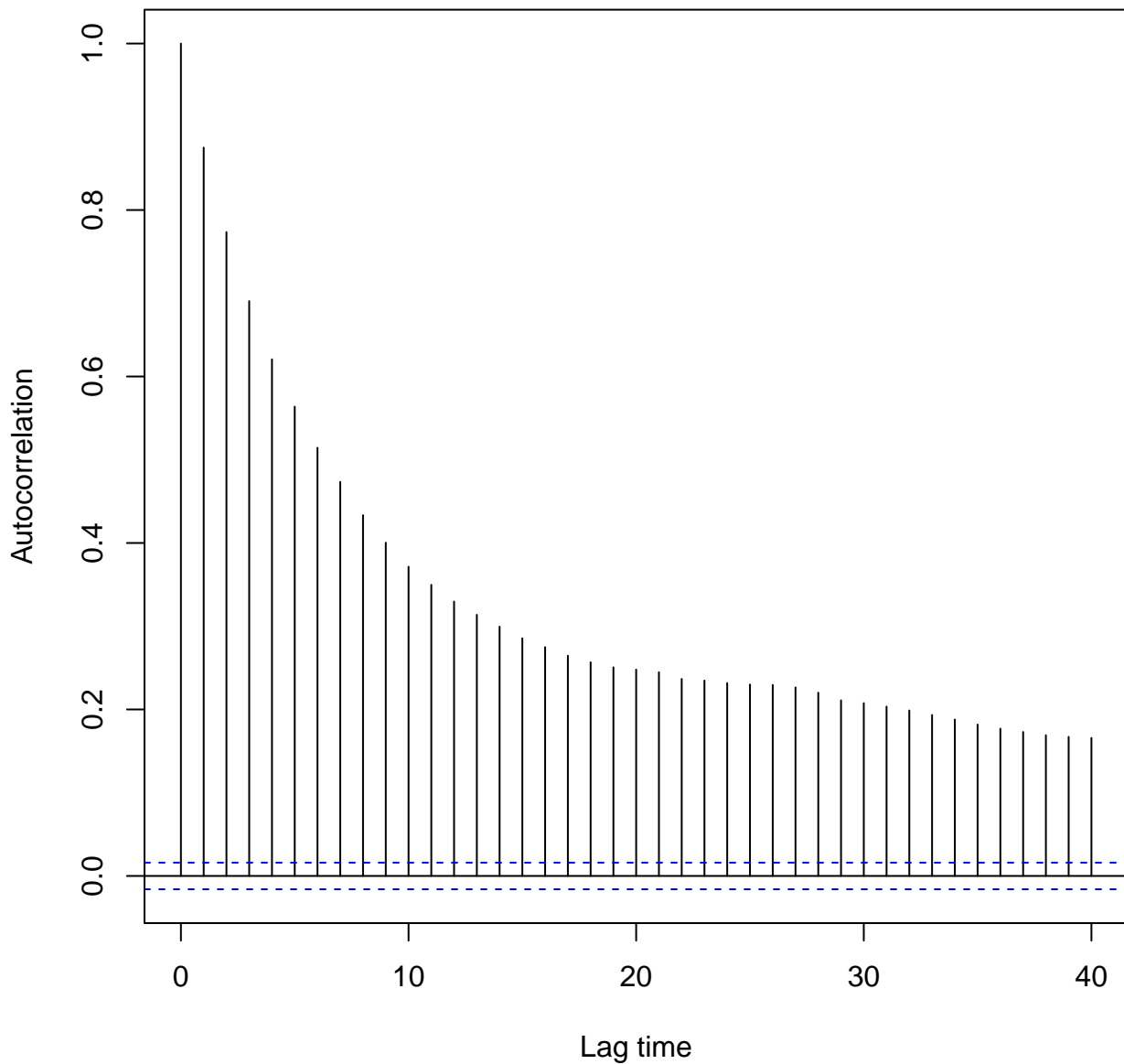
Selection N AAC Mixture: 2



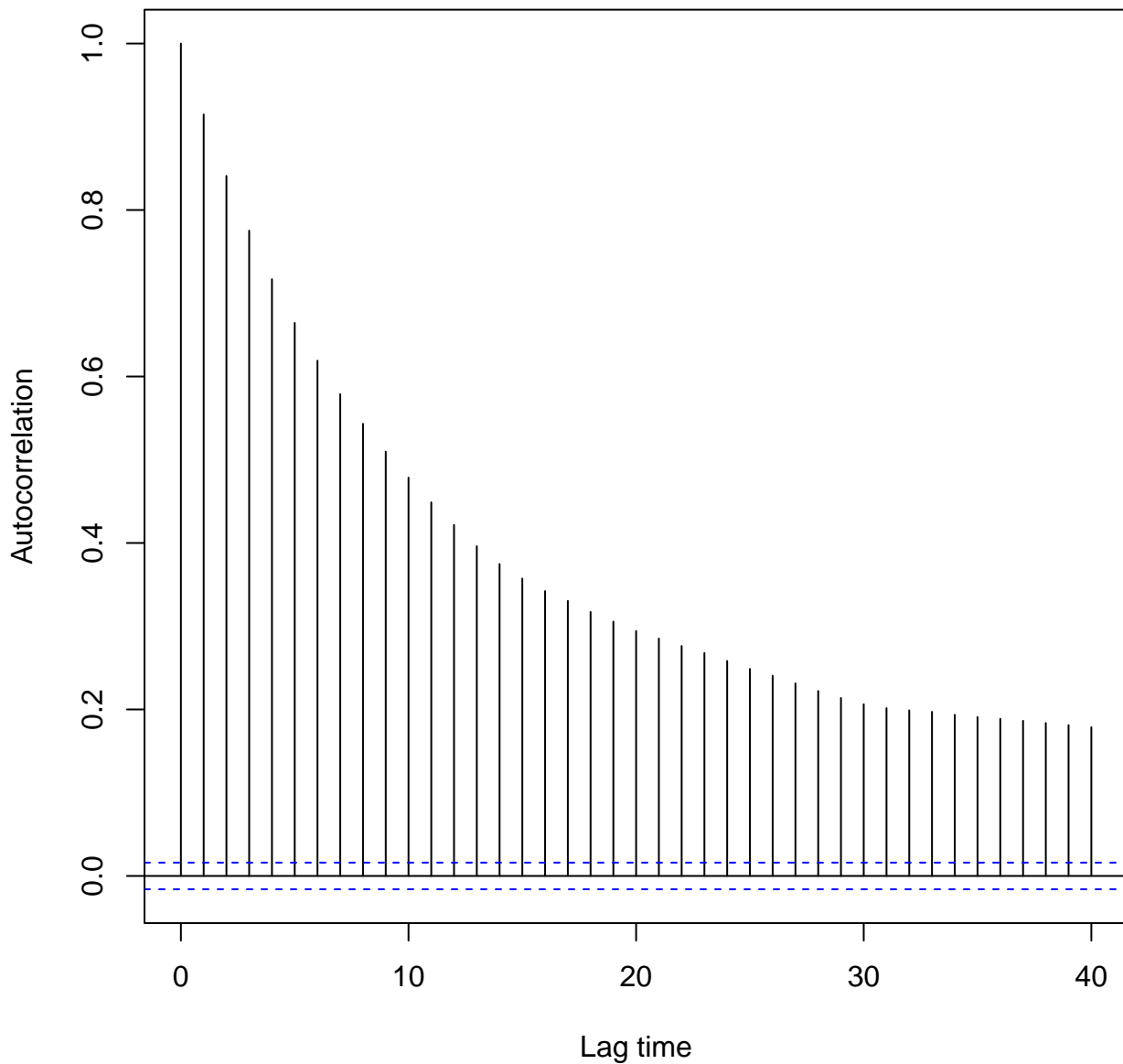
Selection P CCA Mixture: 1



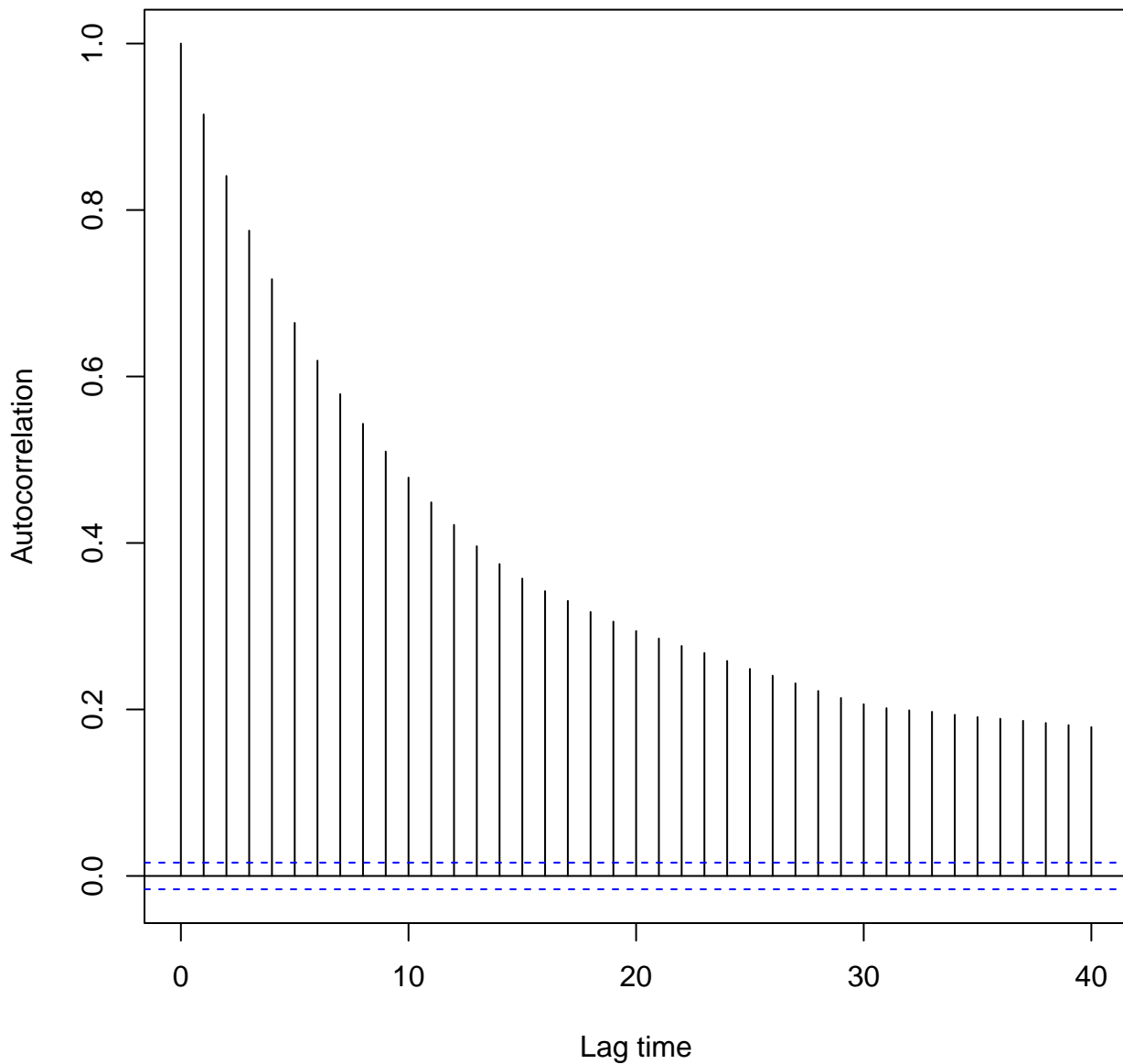
Selection P CCA Mixture: 2



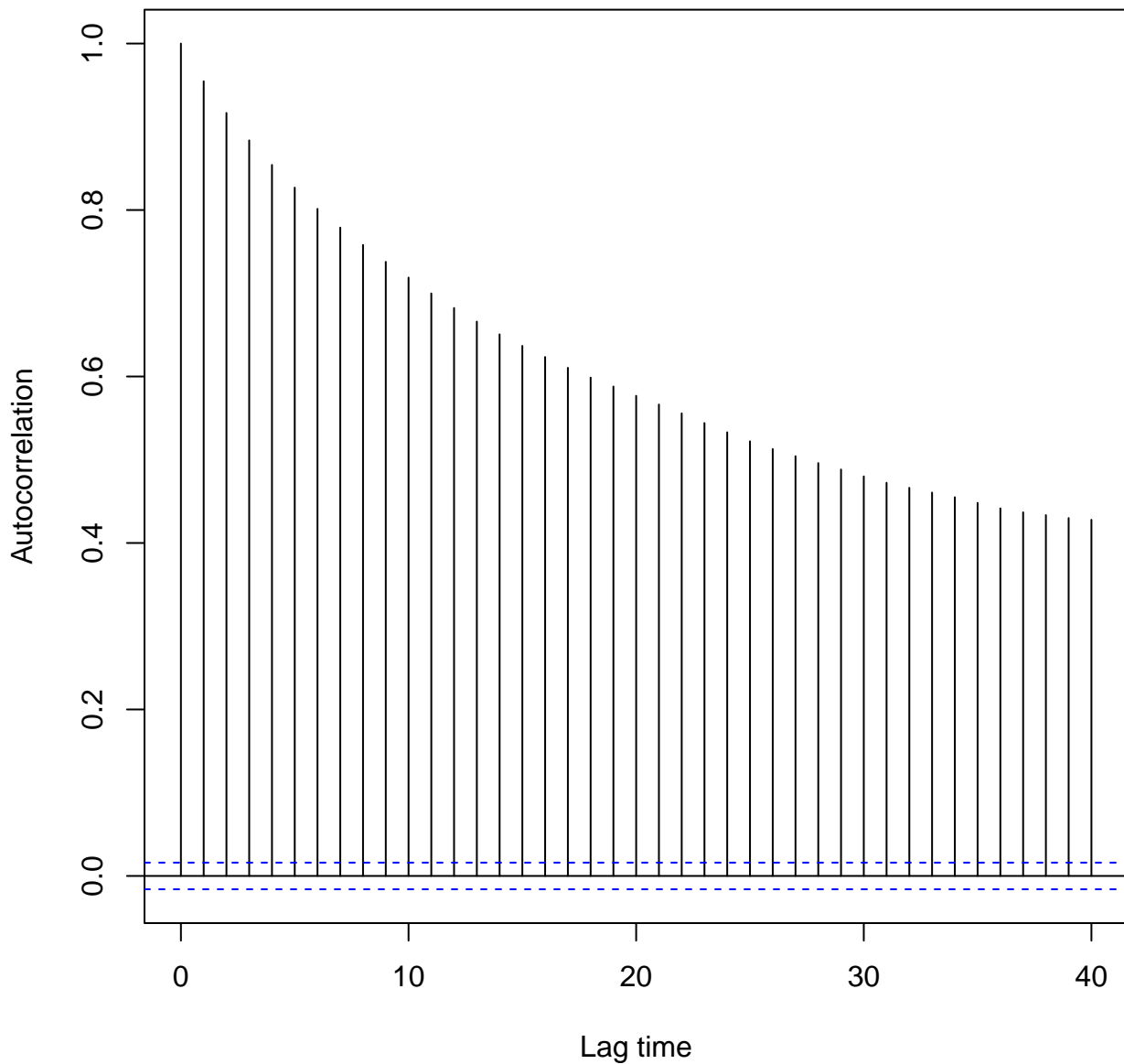
Selection P CCC Mixture: 1



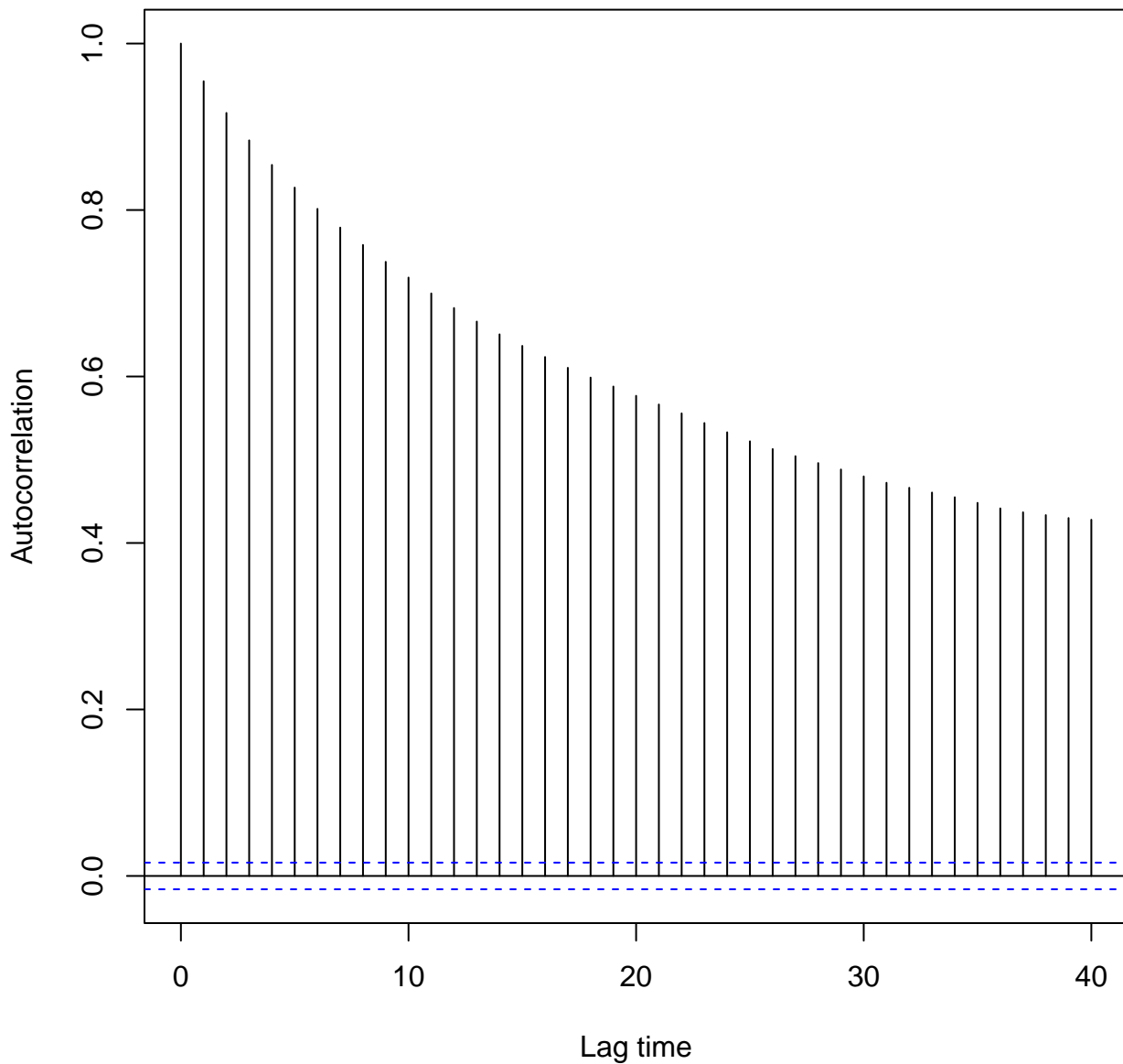
Selection P CCC Mixture: 2



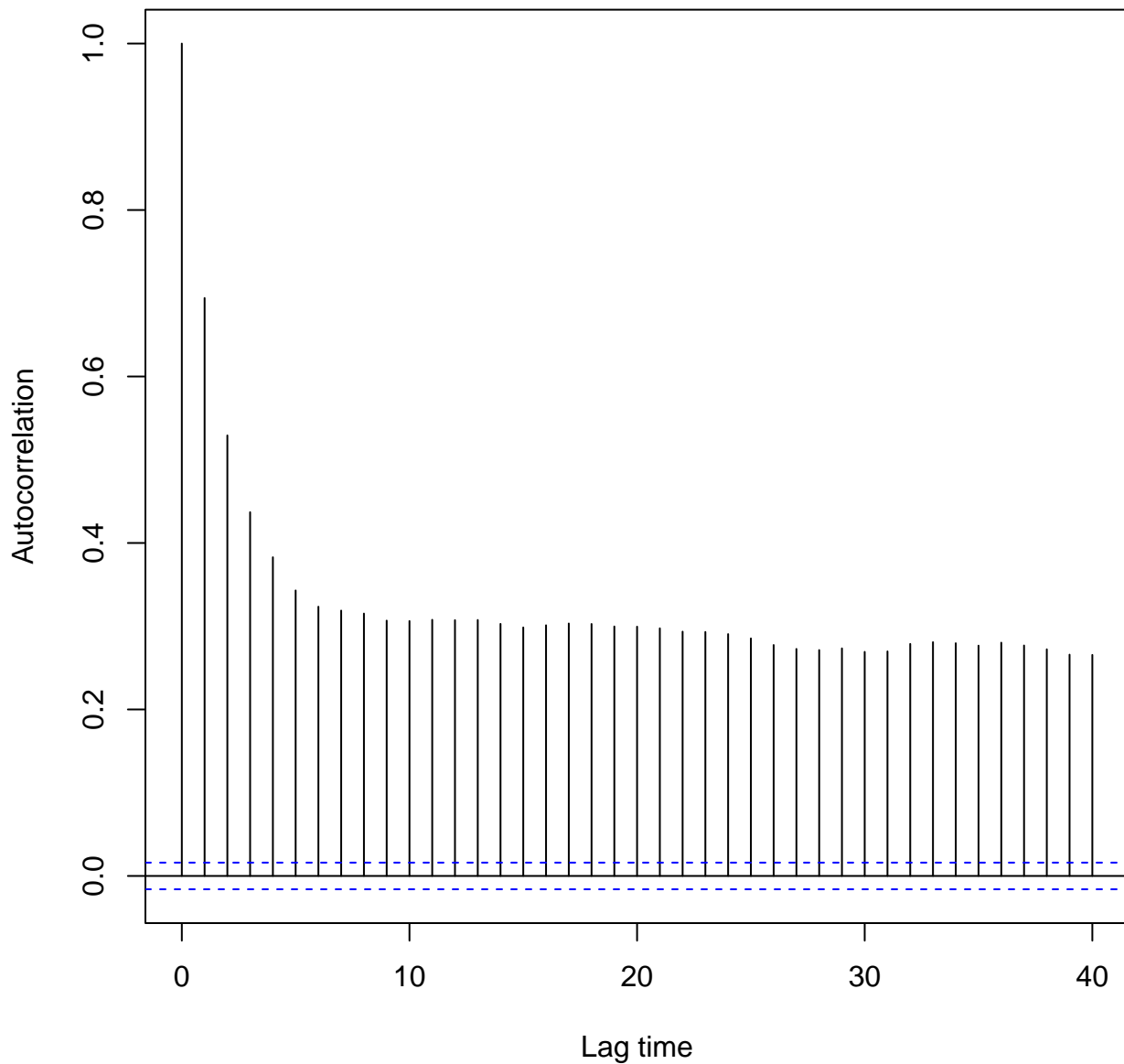
Selection P CCG Mixture: 1



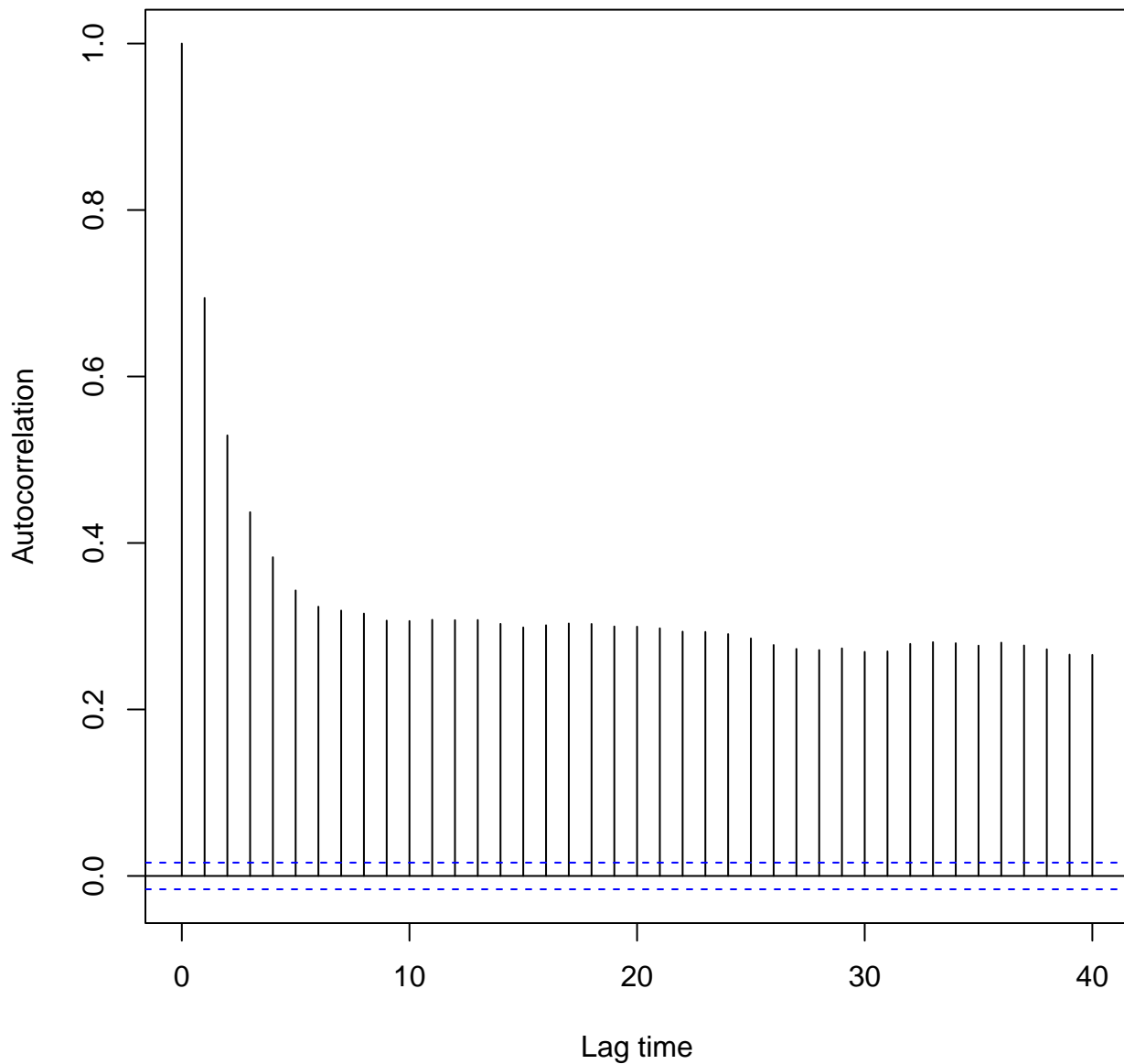
Selection P CCG Mixture: 2



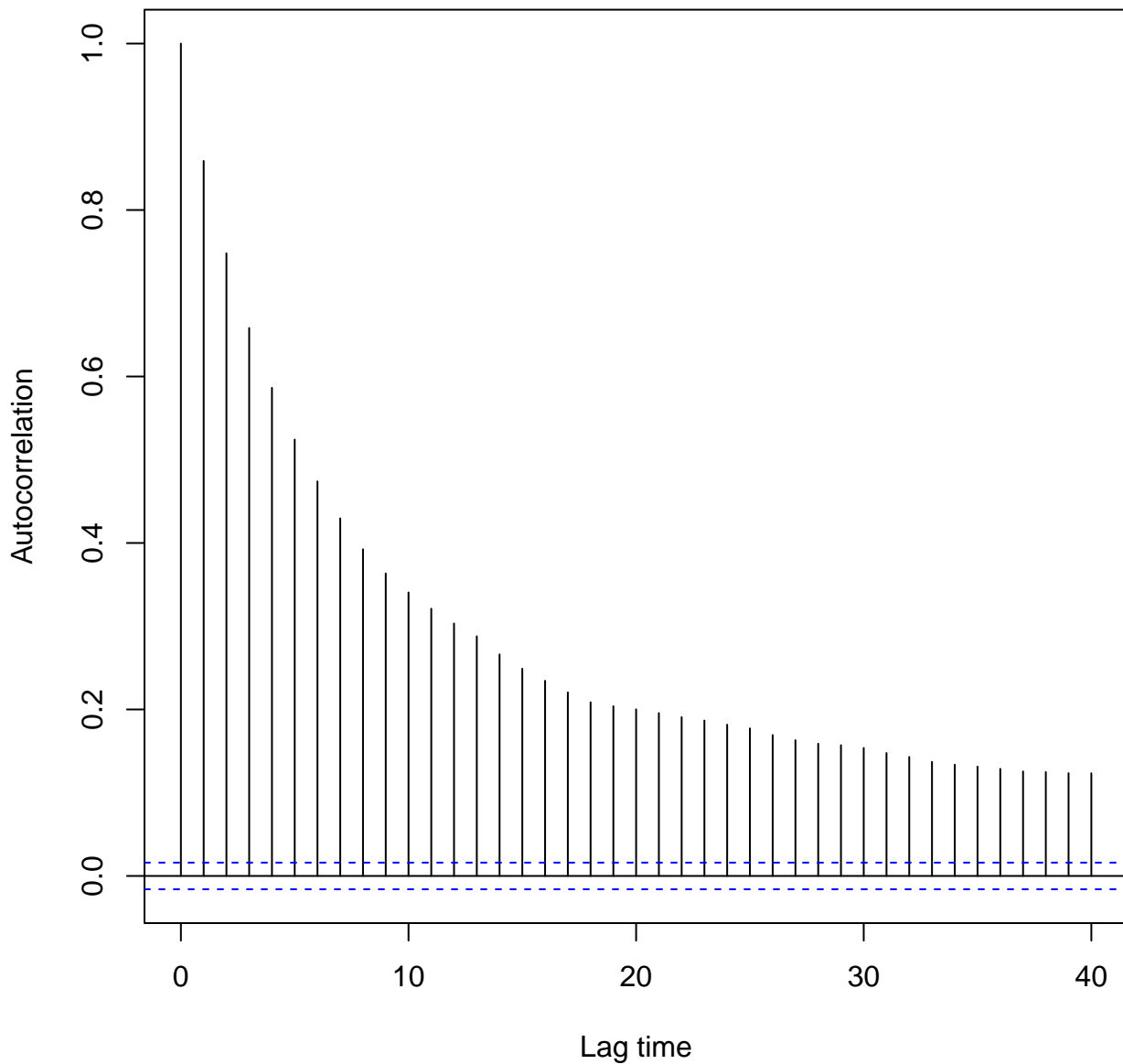
Selection Q CAA Mixture: 1



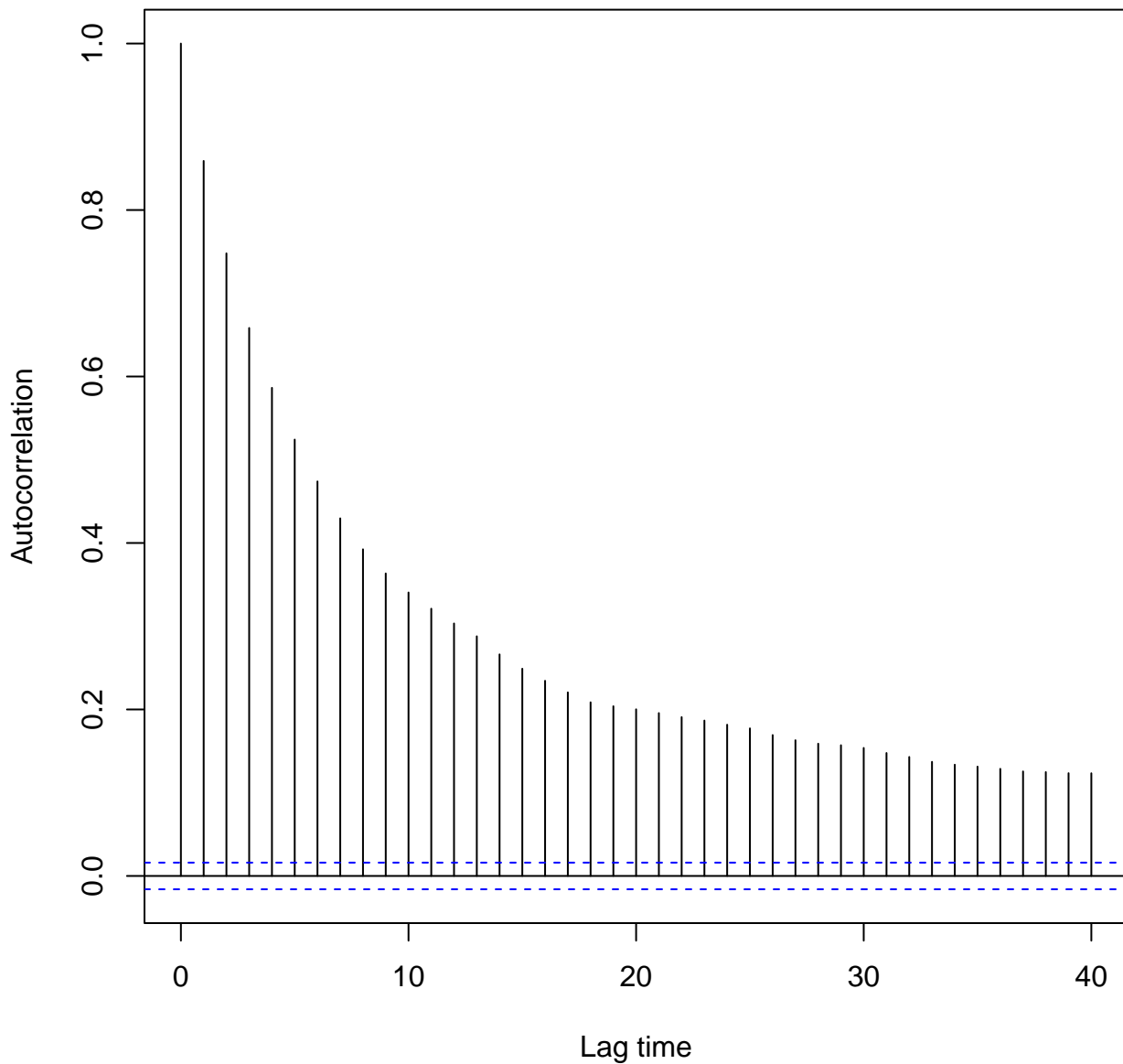
Selection Q CAA Mixture: 2



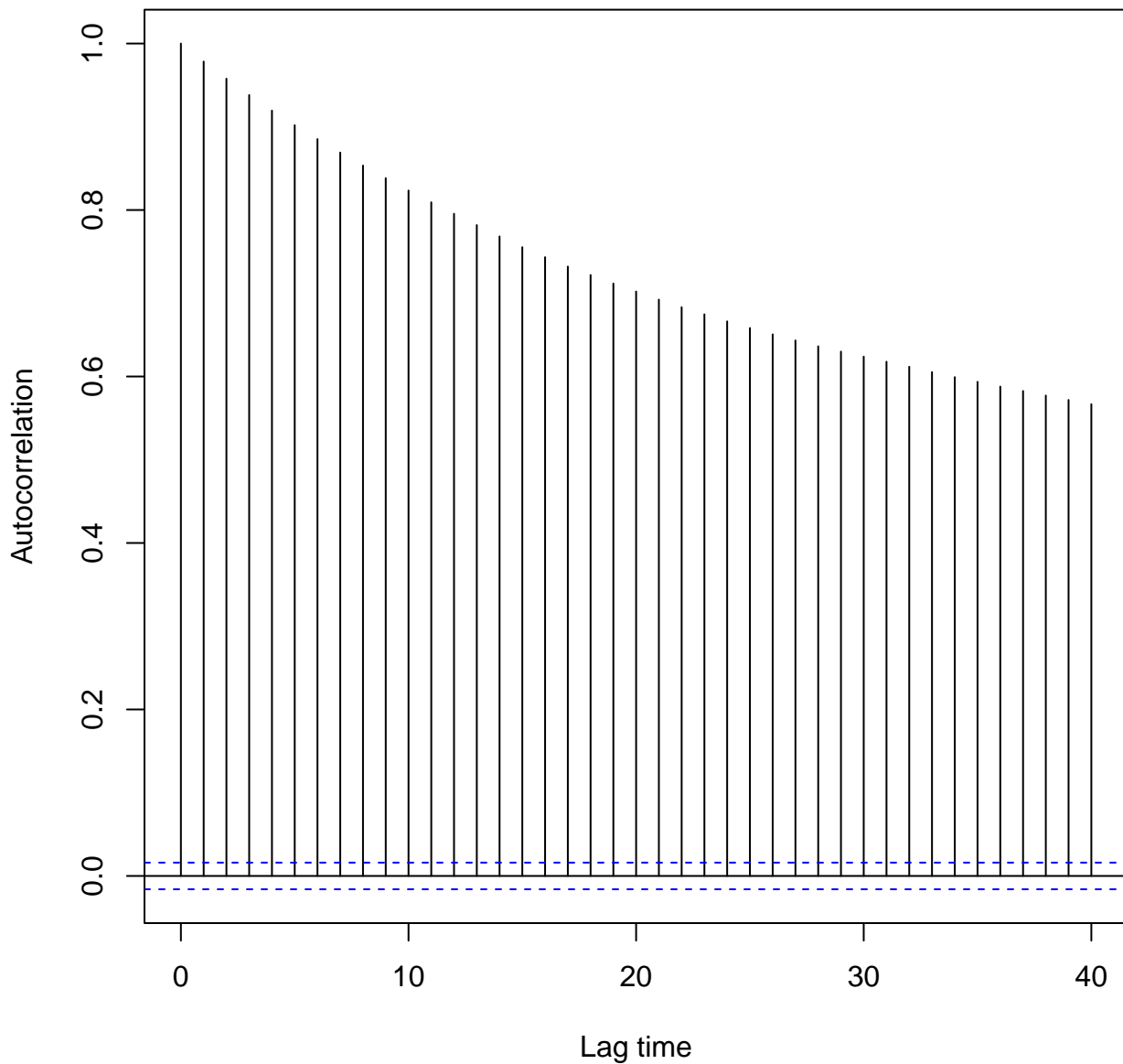
Selection R AGA Mixture: 1



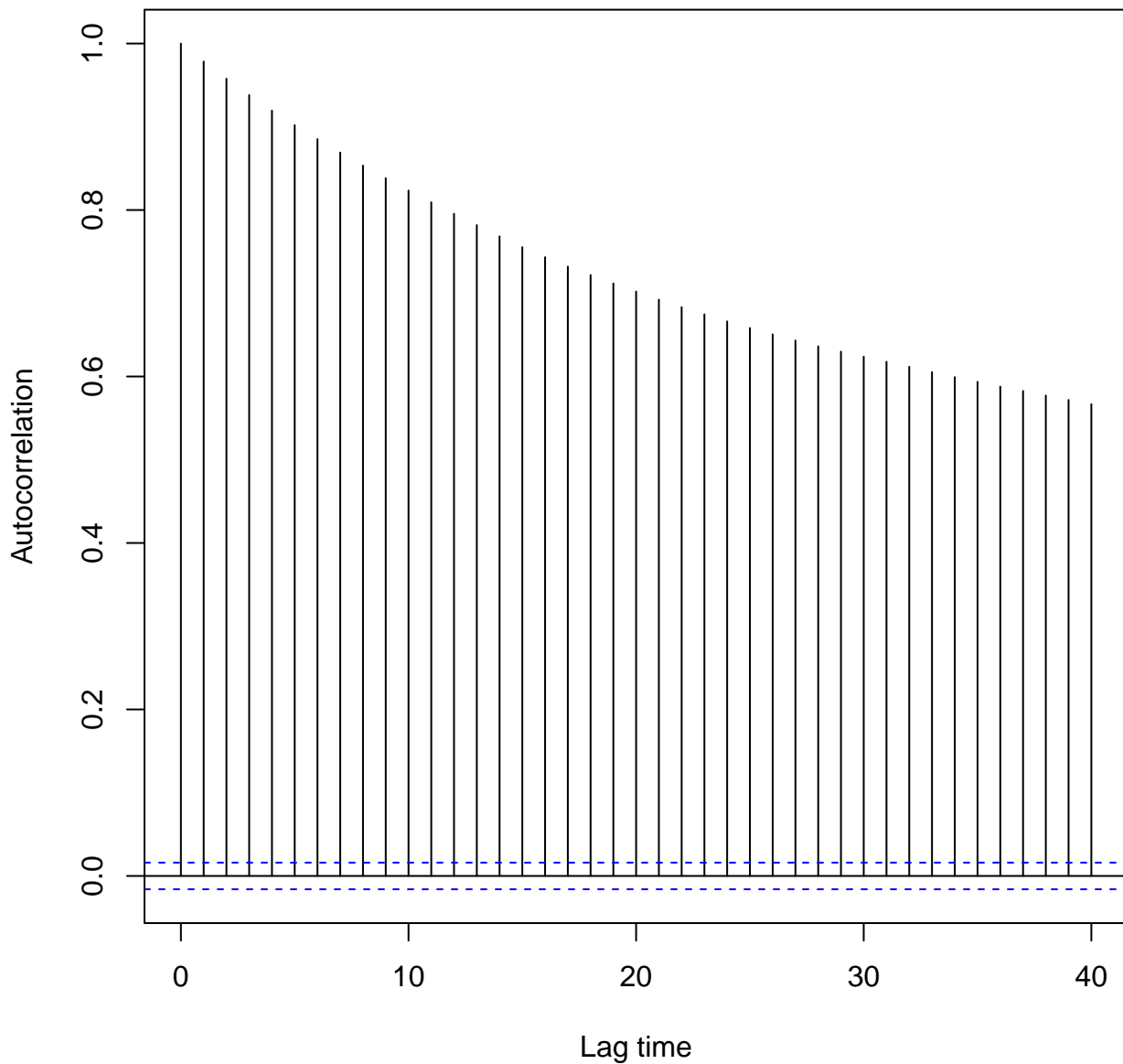
Selection R AGA Mixture: 2



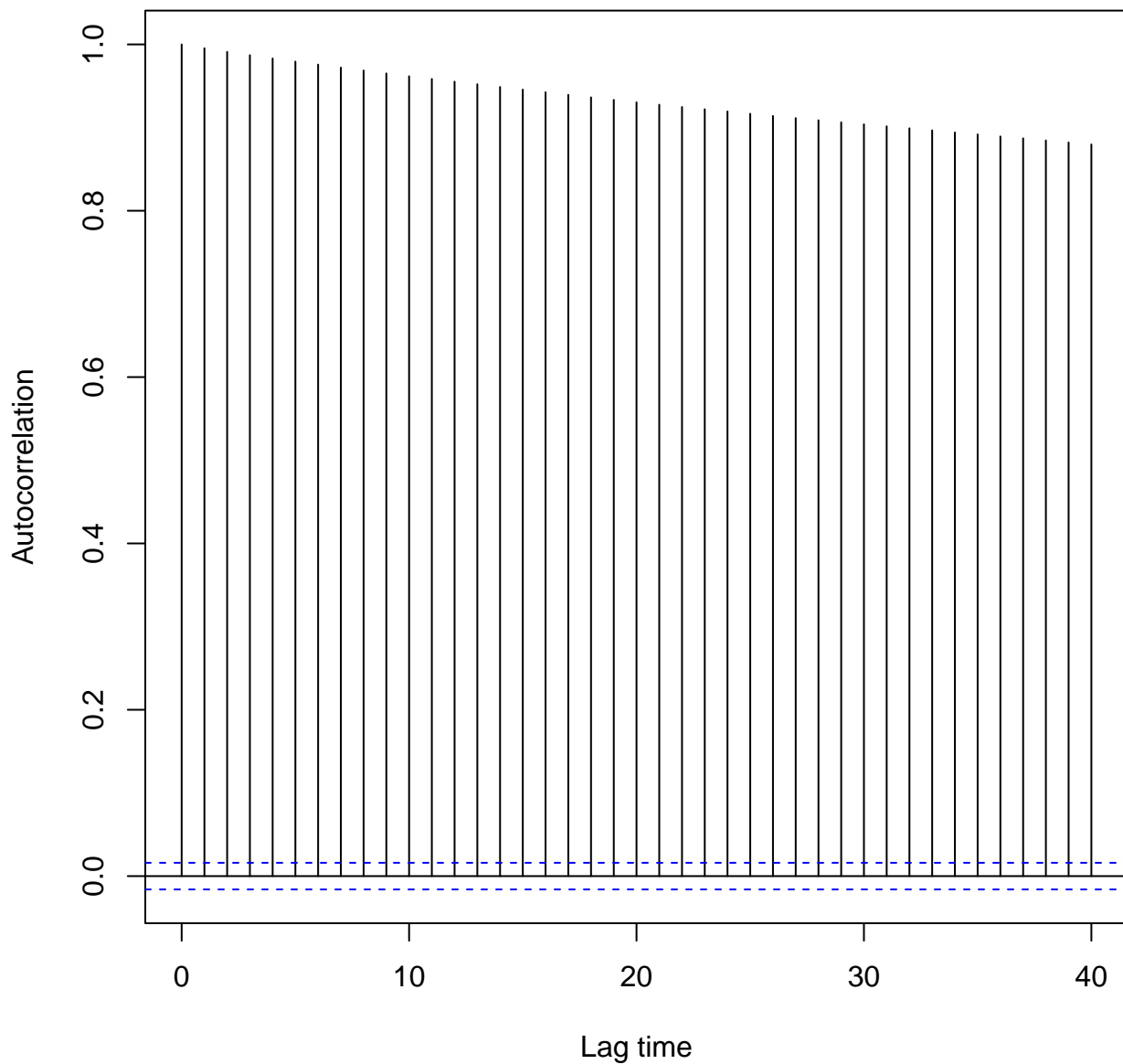
Selection R AGG Mixture: 1



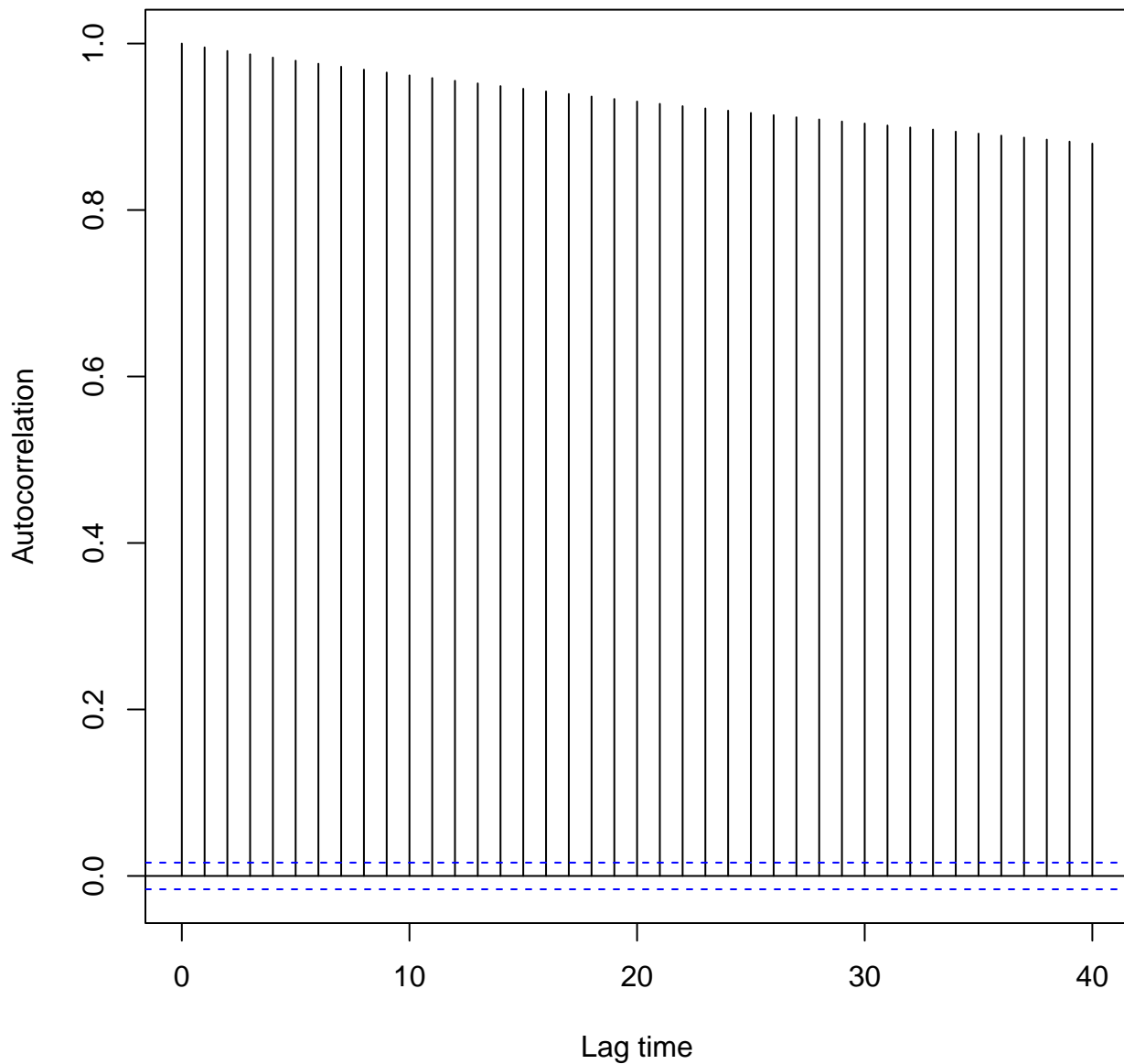
Selection R AGG Mixture: 2



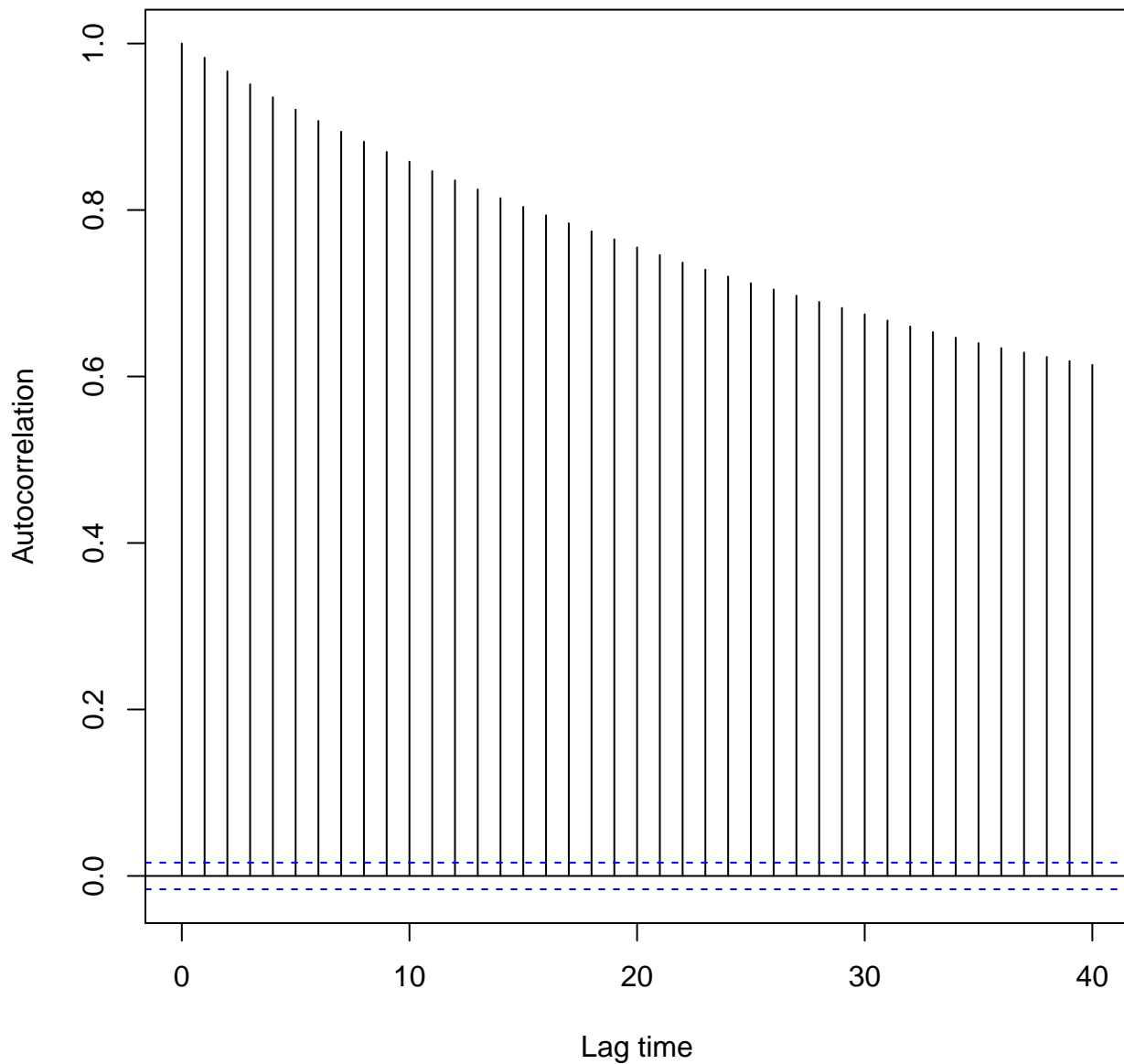
Selection R CGA Mixture: 1



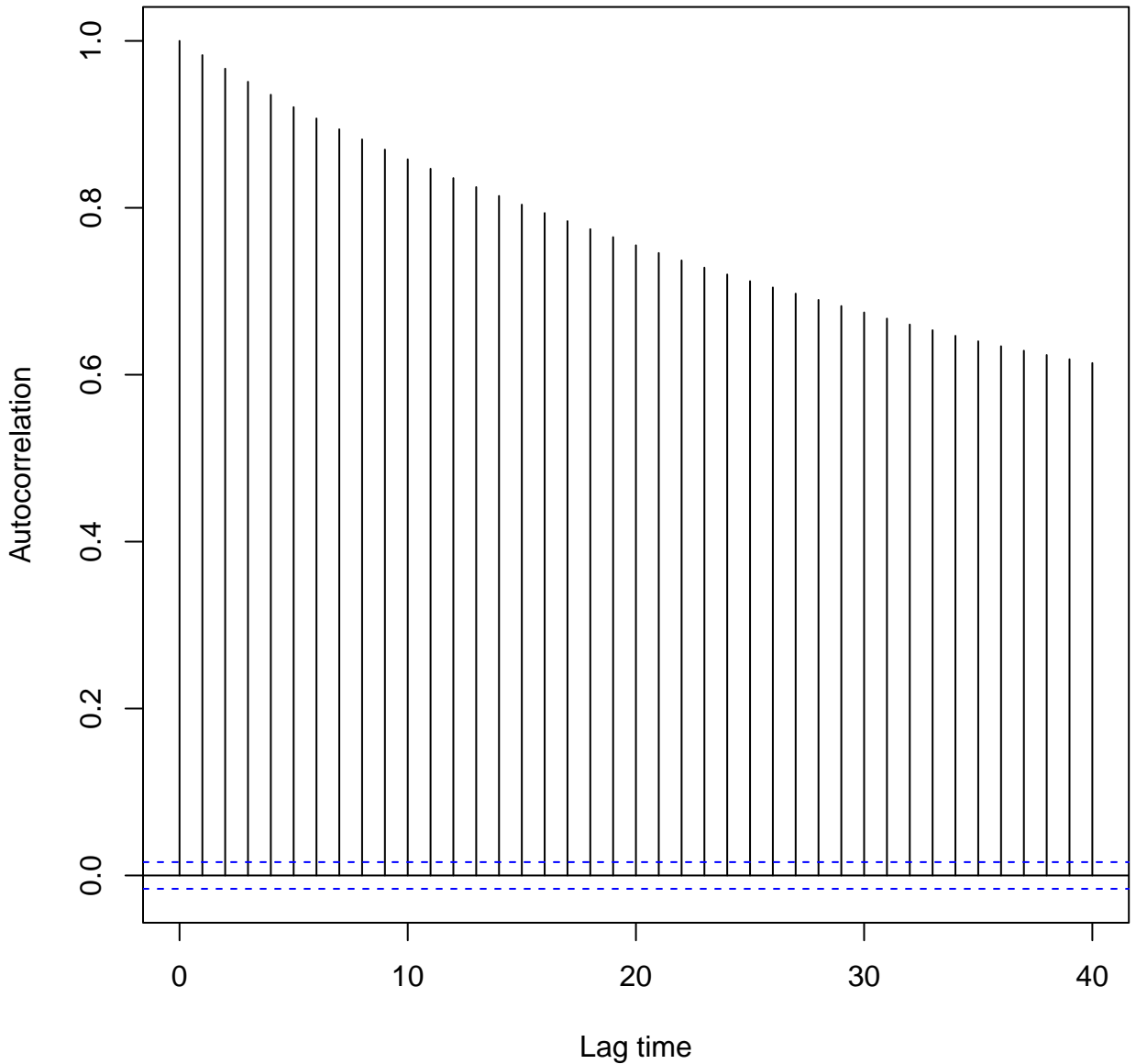
Selection R CGA Mixture: 2



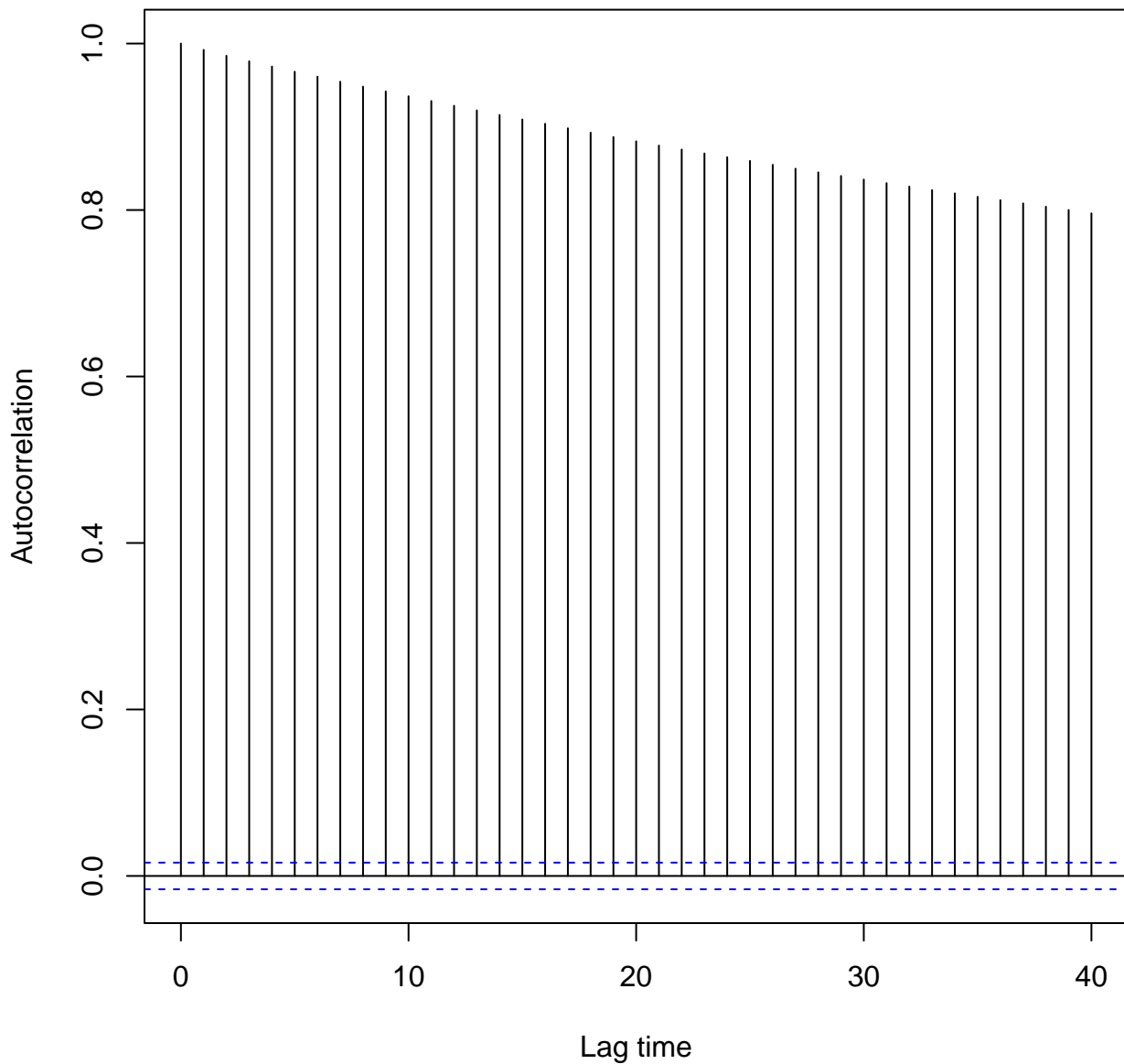
Selection R CGC Mixture: 1



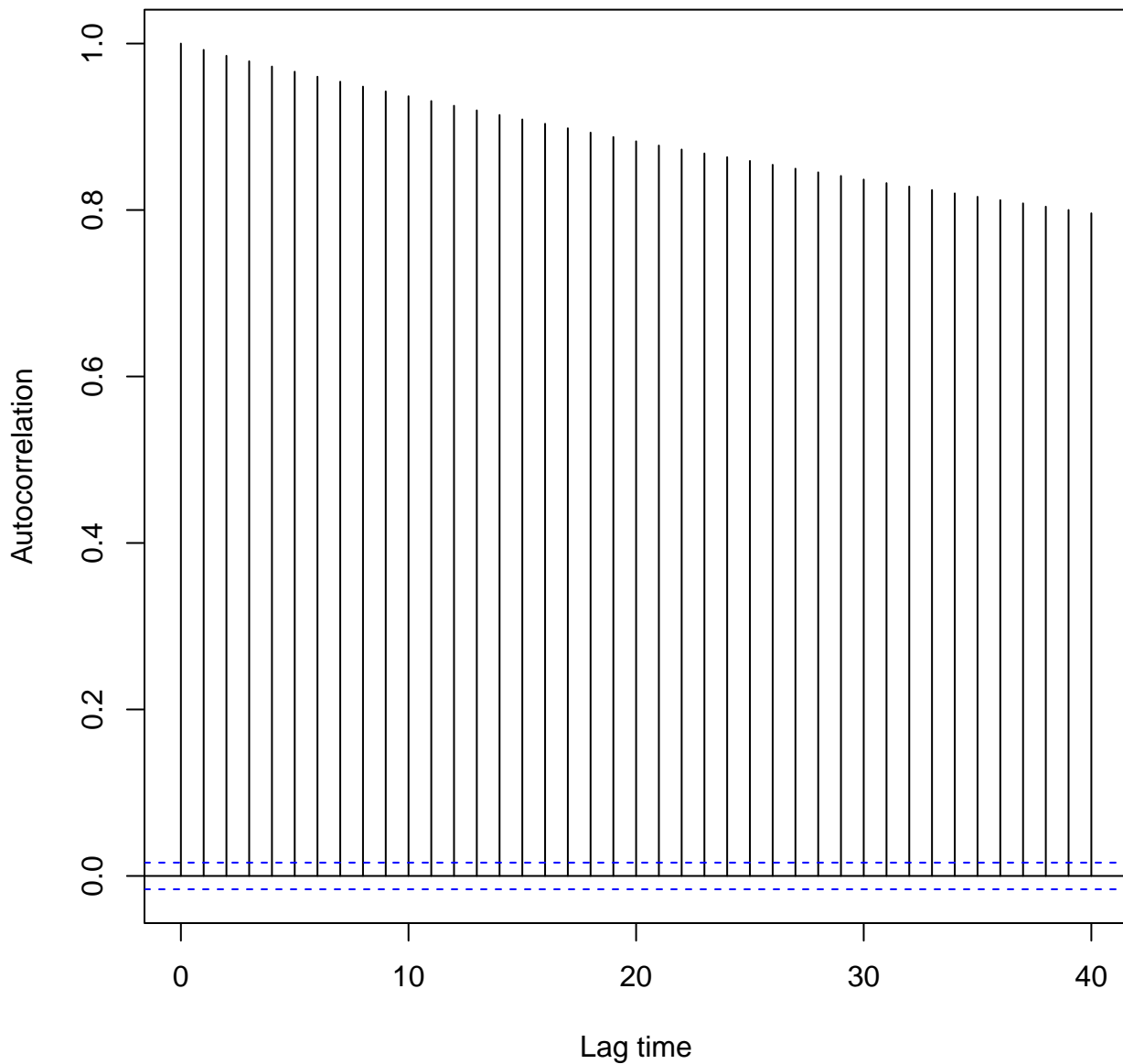
Selection R CGC Mixture: 2



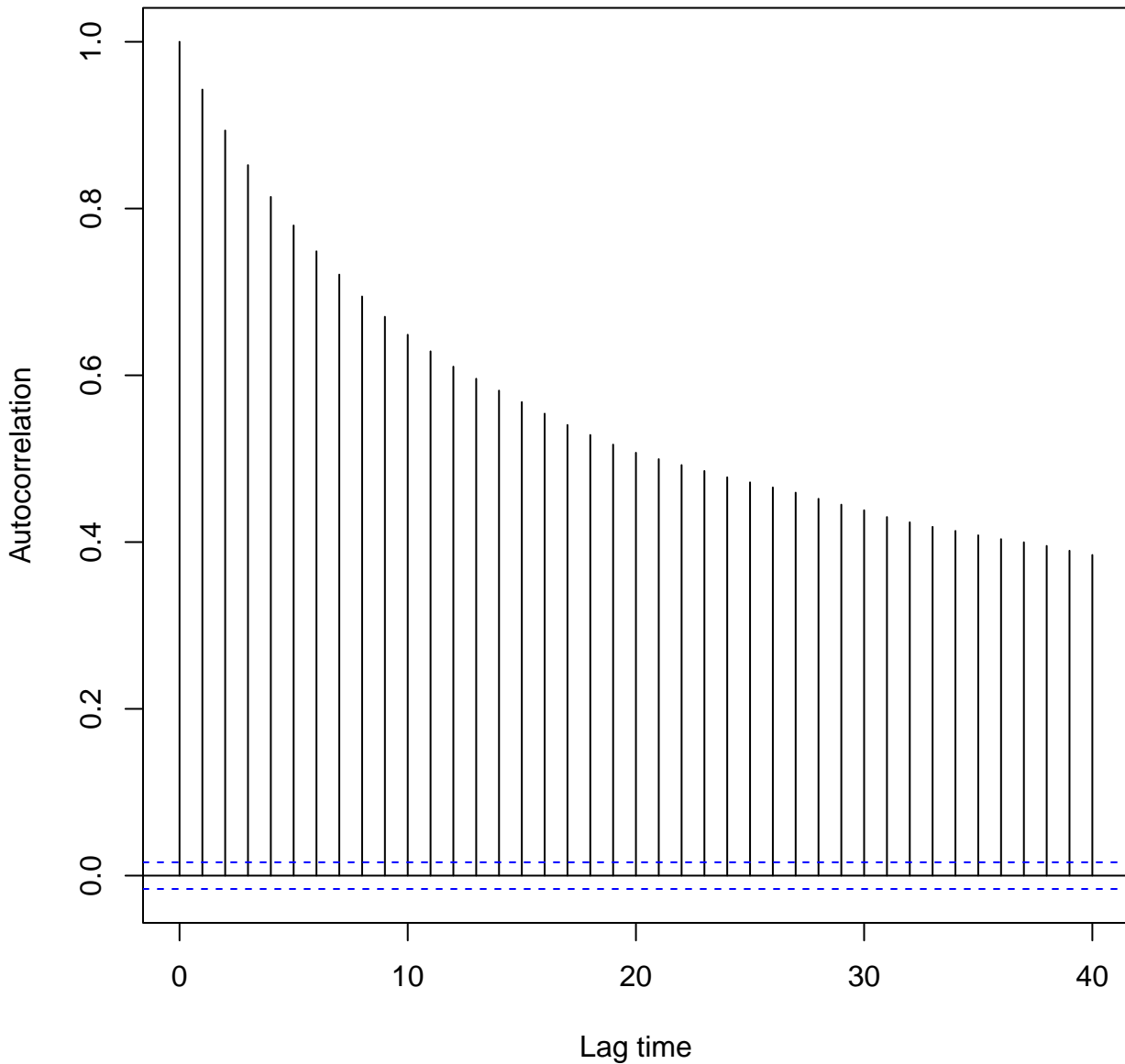
Selection R CGG Mixture: 1



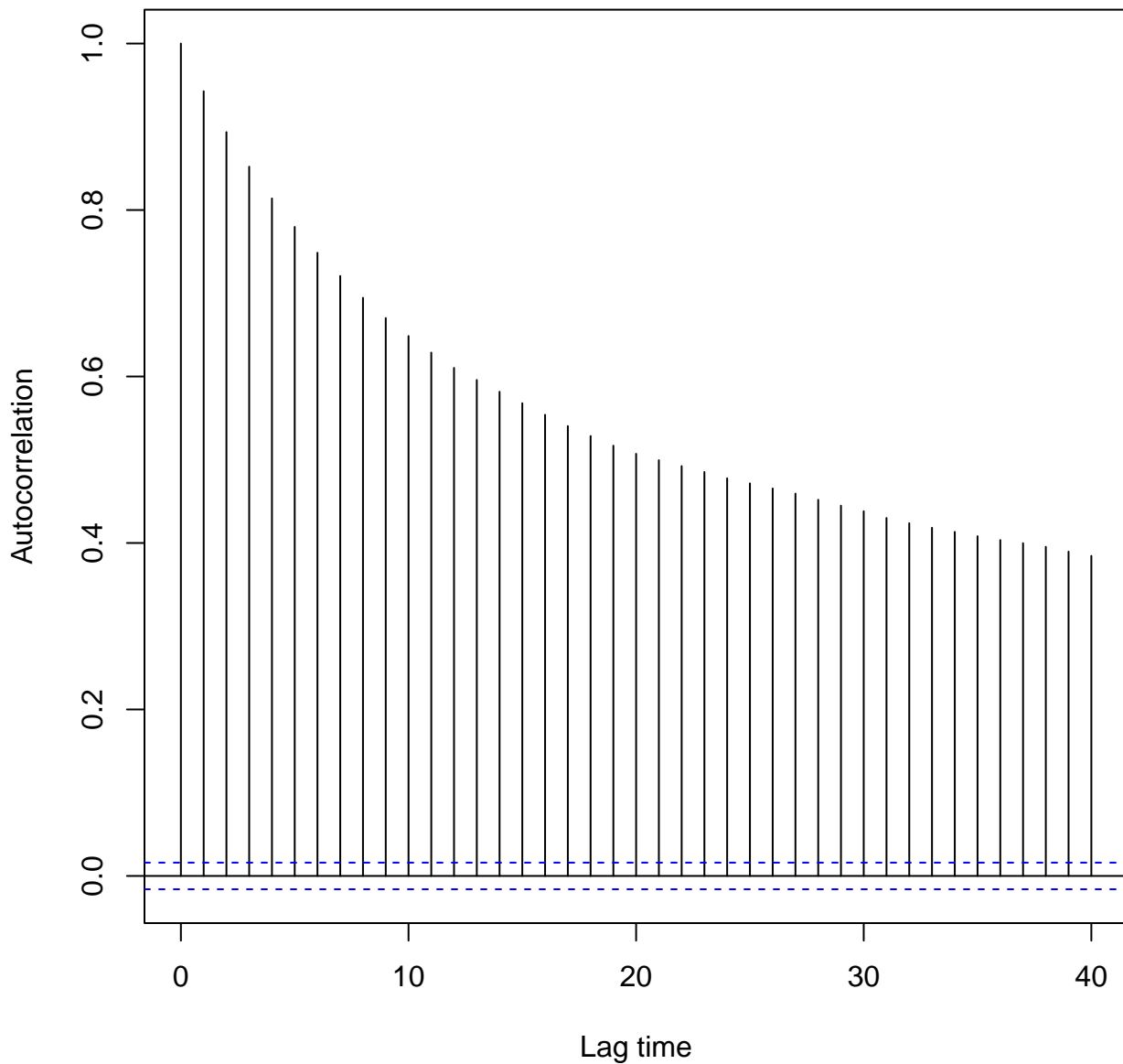
Selection R CGG Mixture: 2



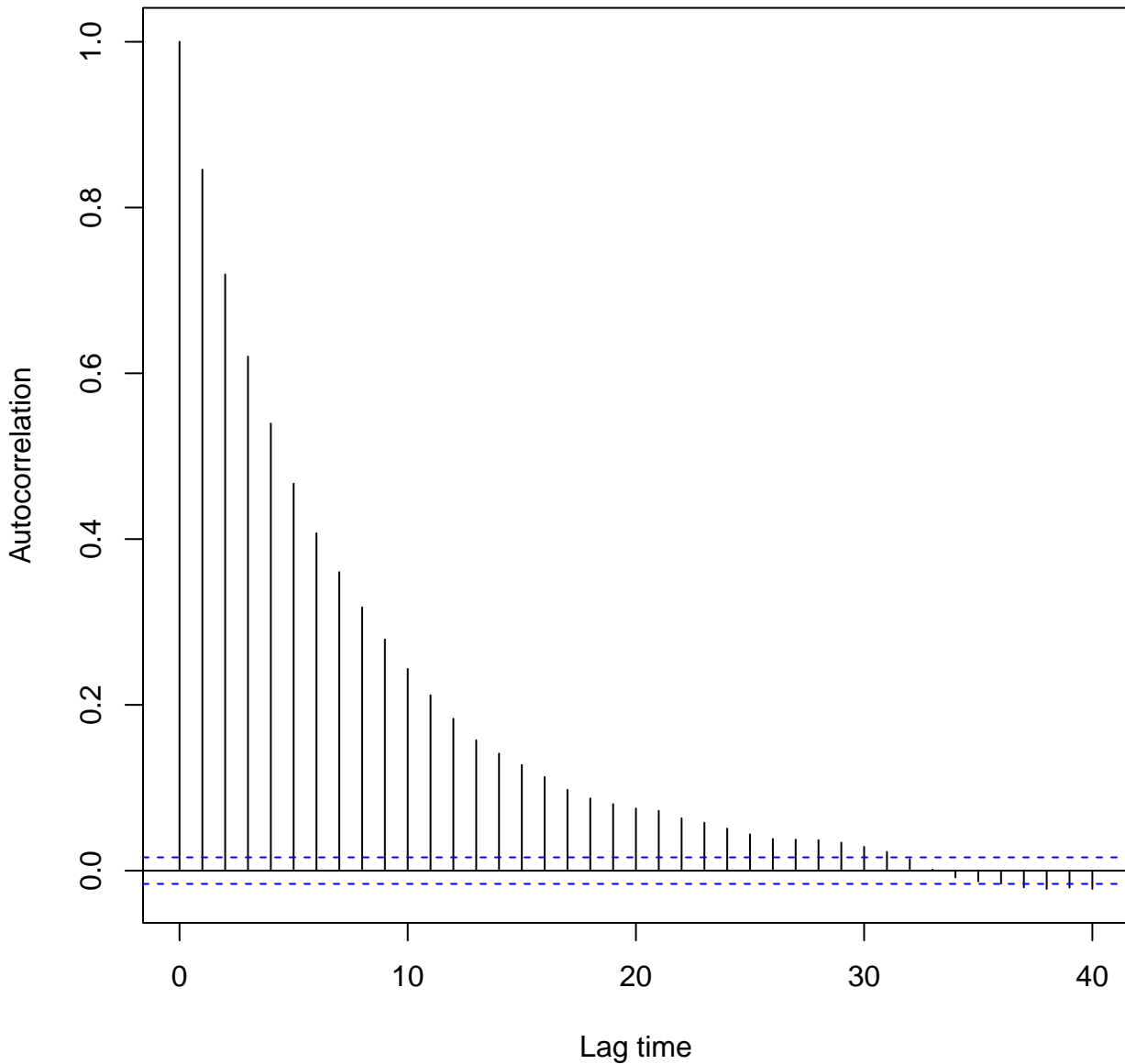
Selection S TCA Mixture: 1



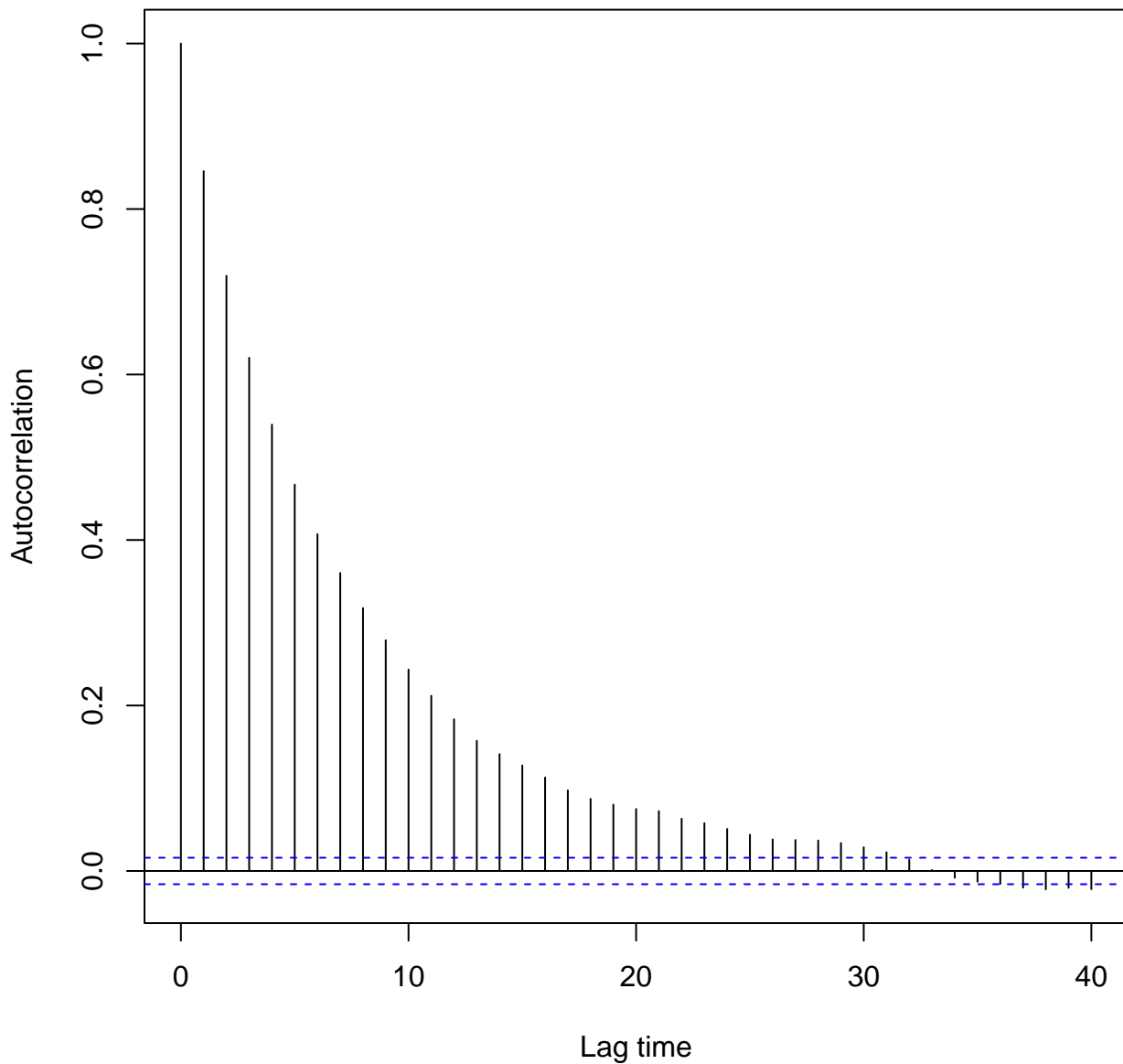
Selection S TCA Mixture: 2



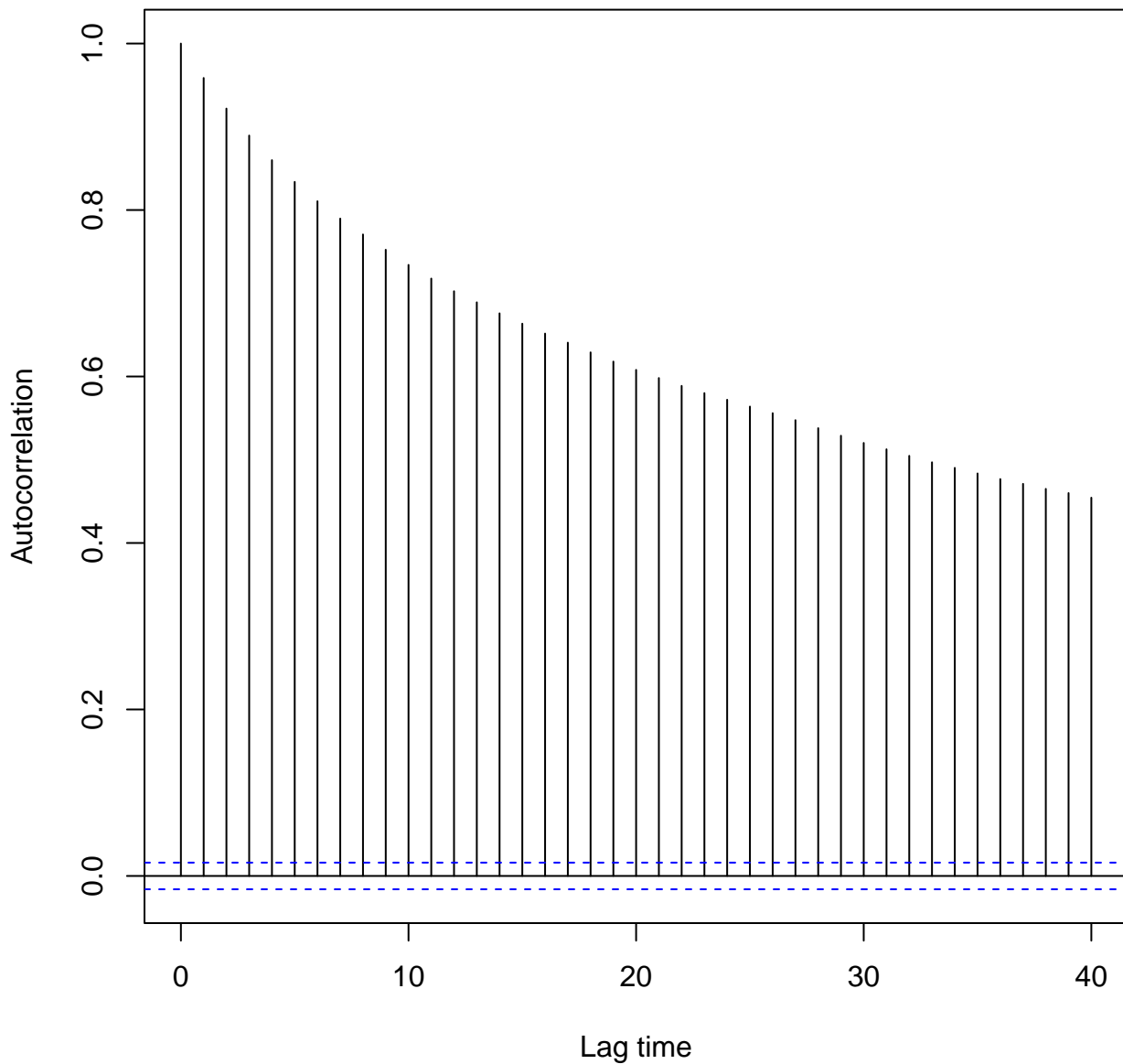
Selection S TCC Mixture: 1



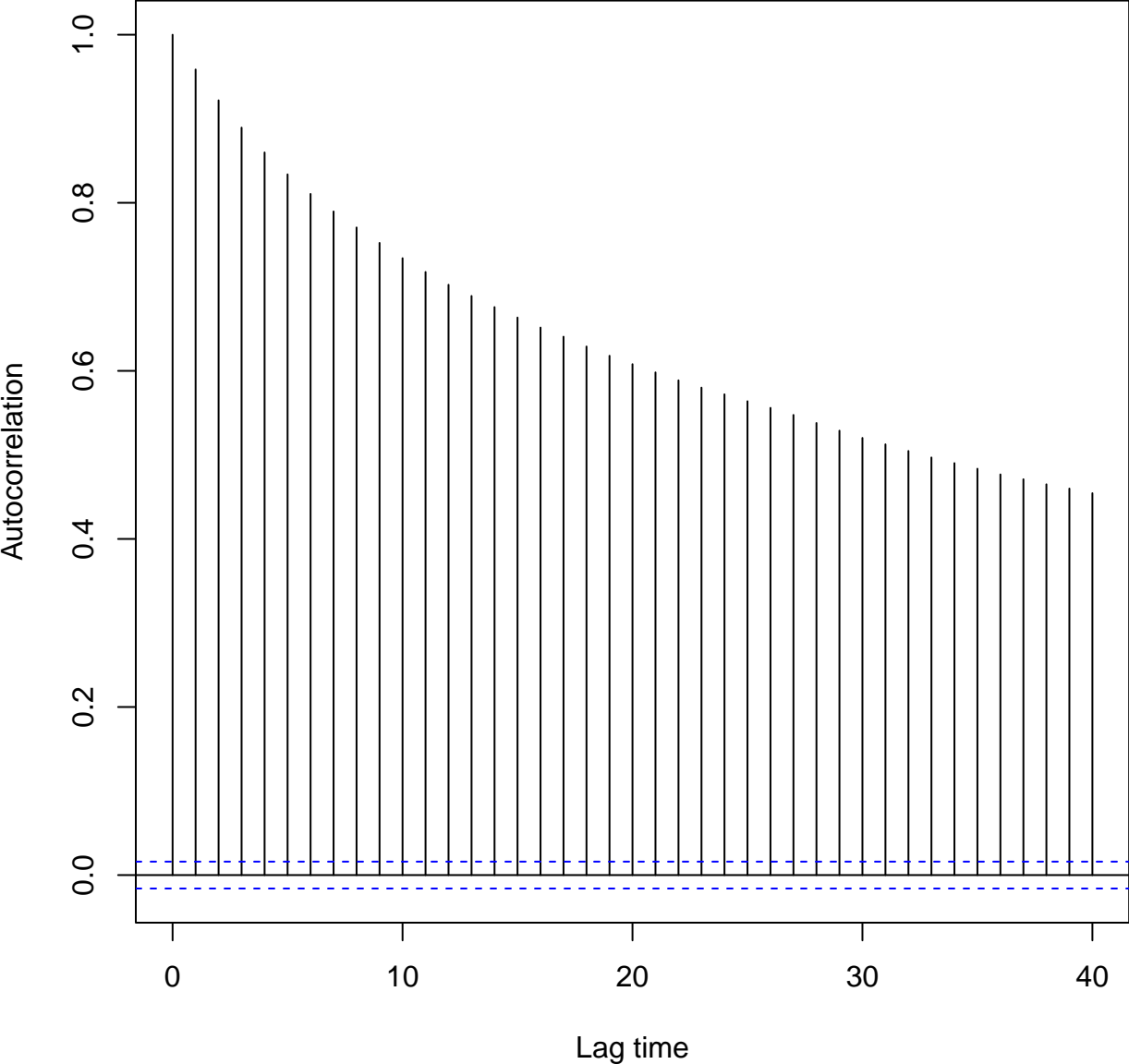
Selection S TCC Mixture: 2



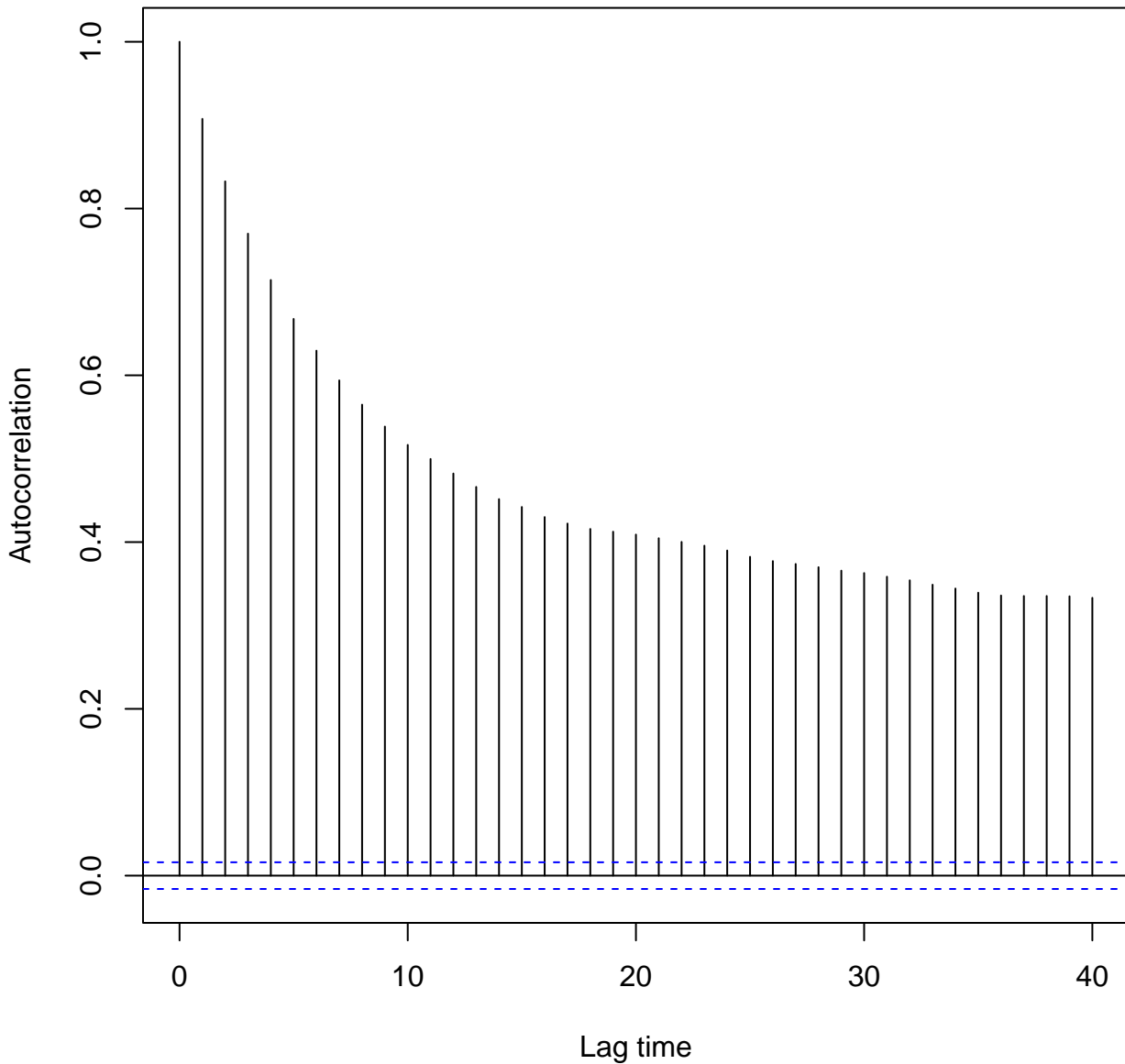
Selection S TCG Mixture: 1



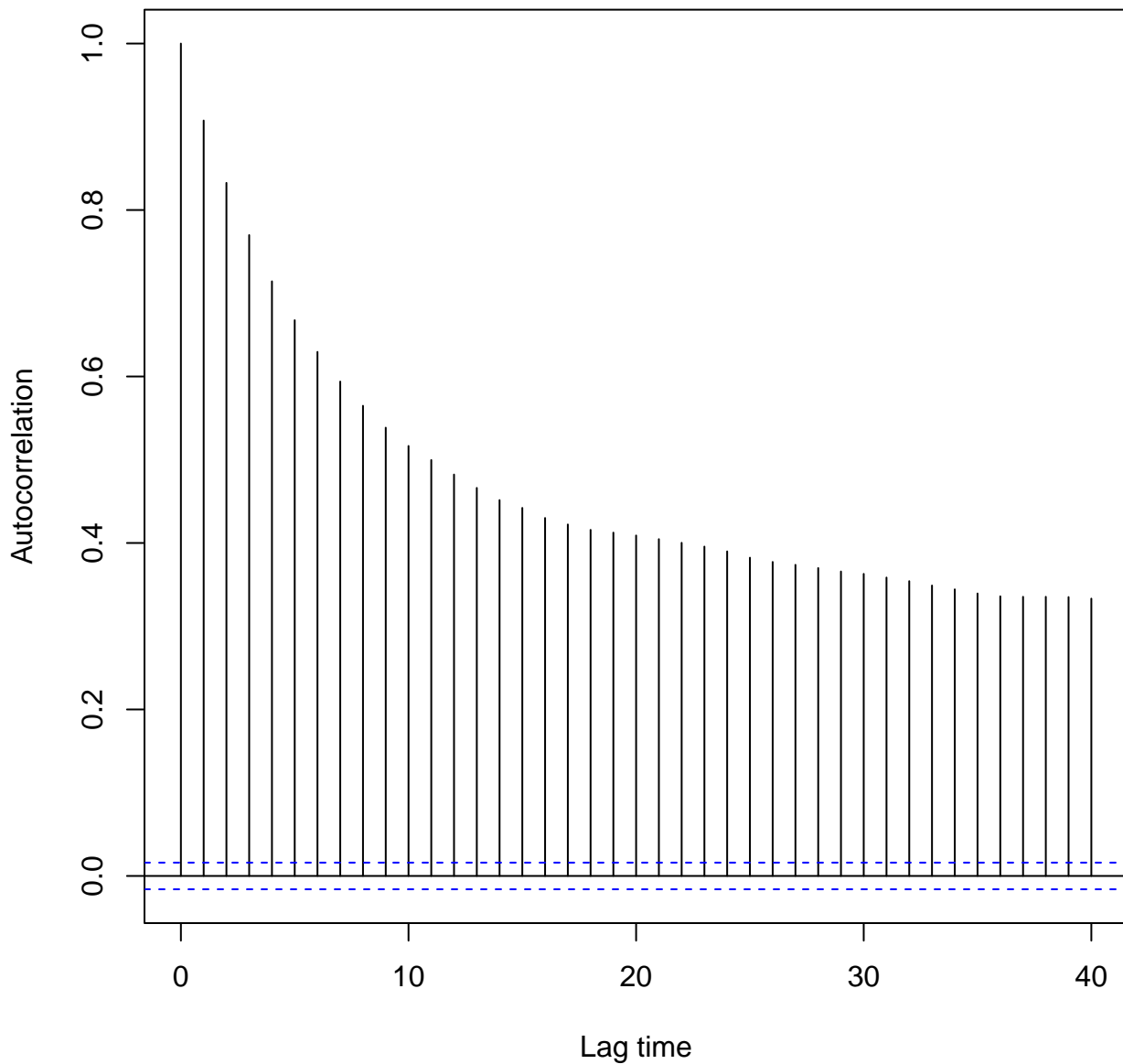
Selection S TCG Mixture: 2



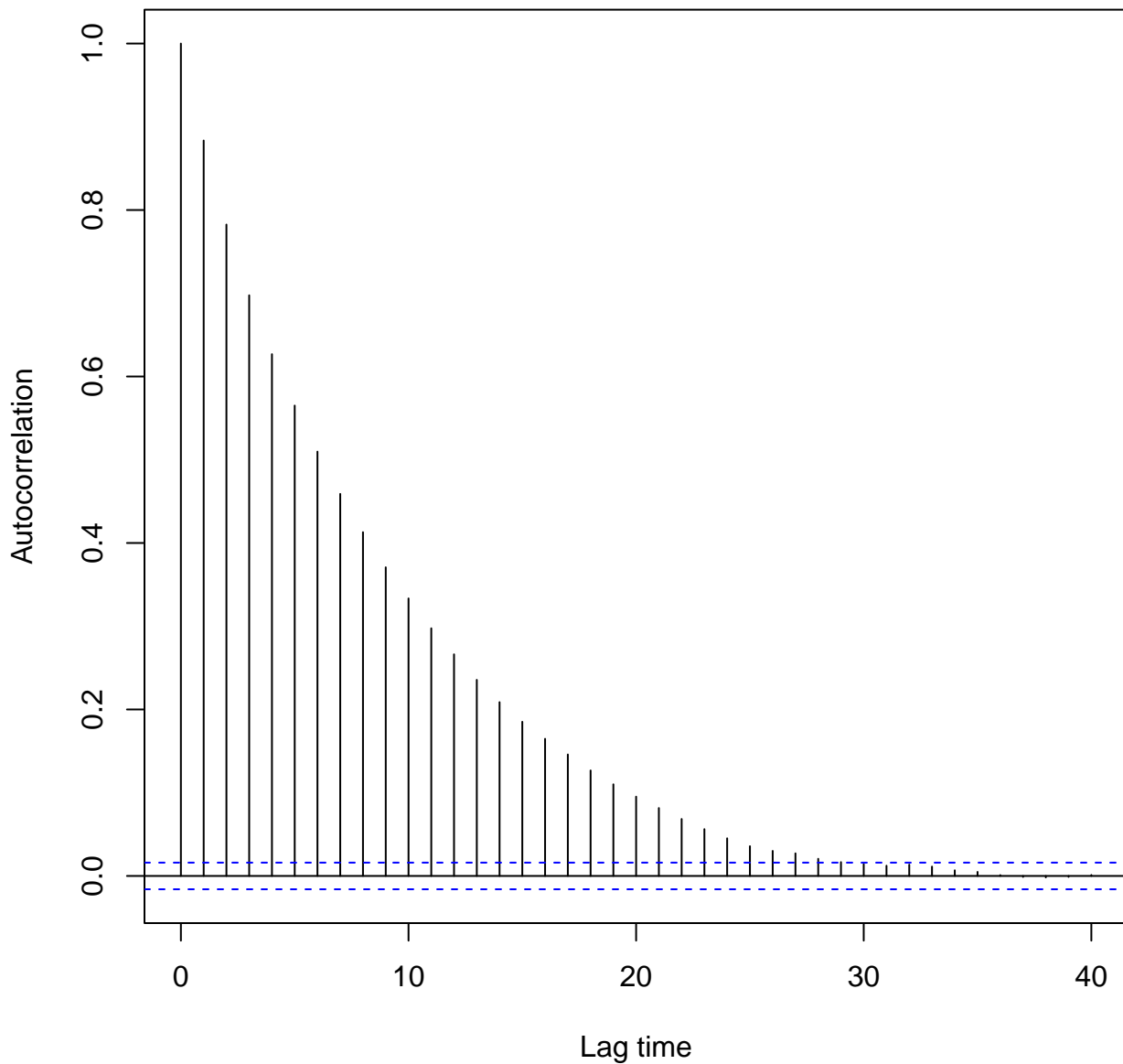
Selection T ACA Mixture: 1



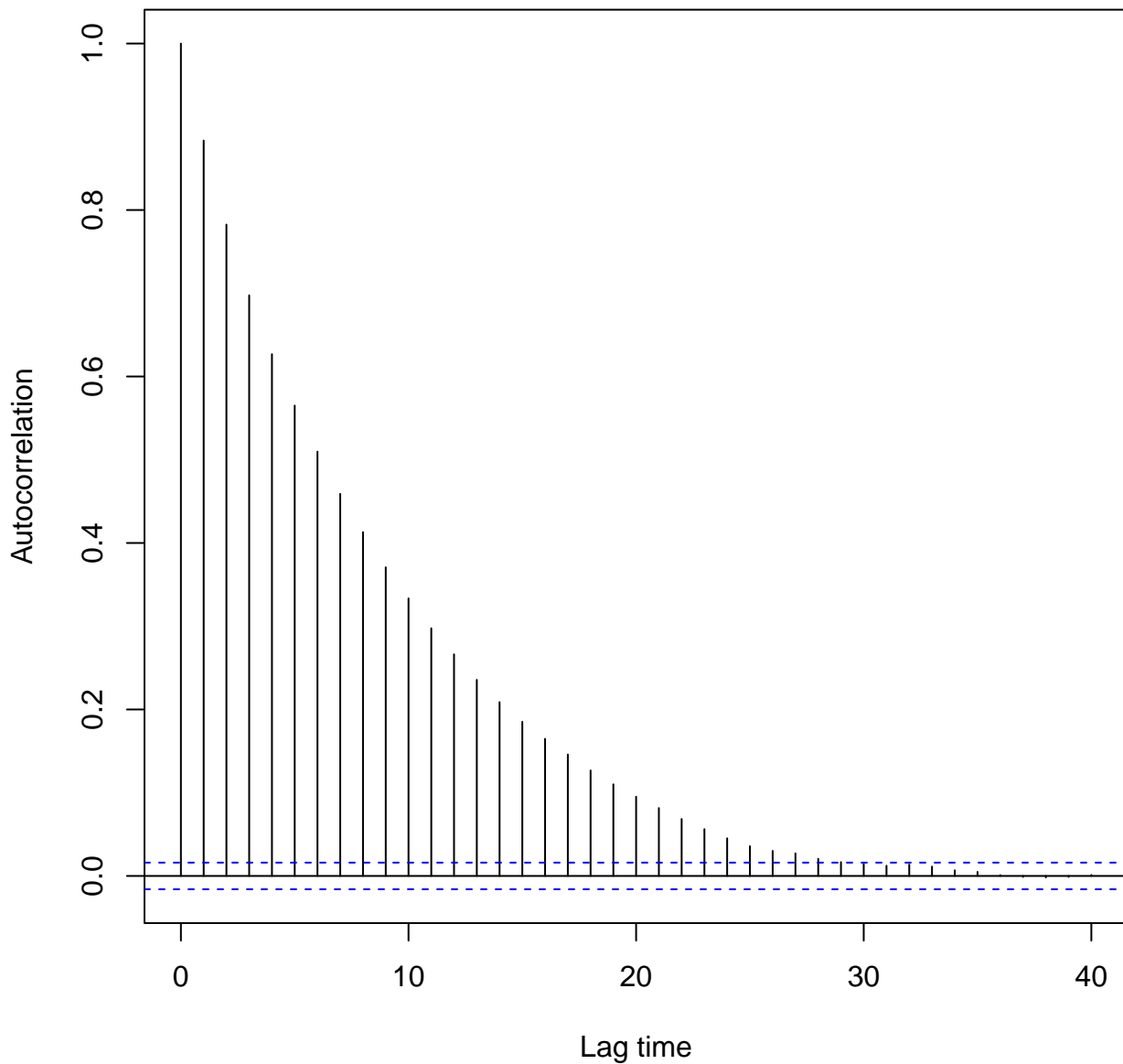
Selection T ACA Mixture: 2



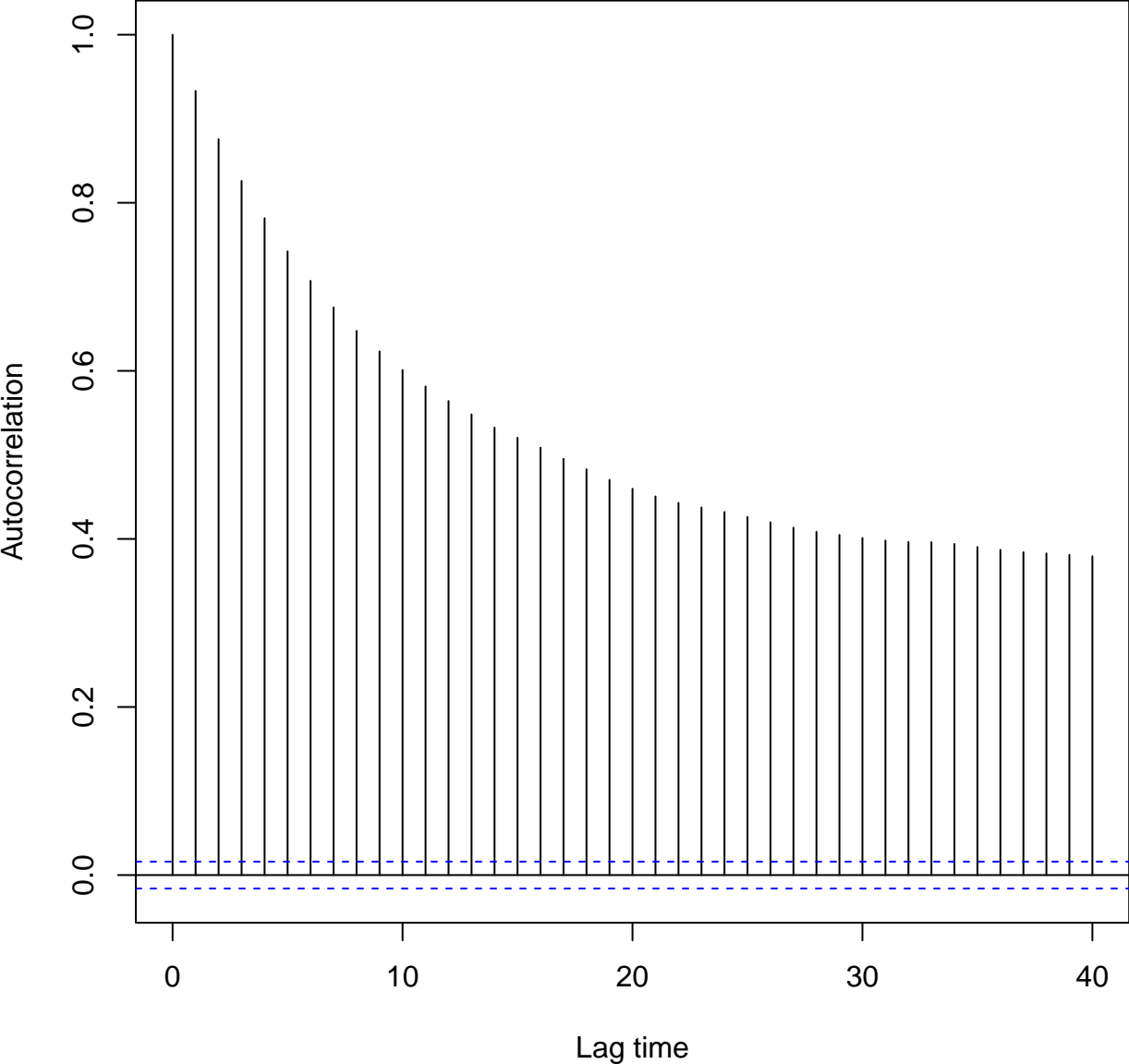
Selection T ACC Mixture: 1



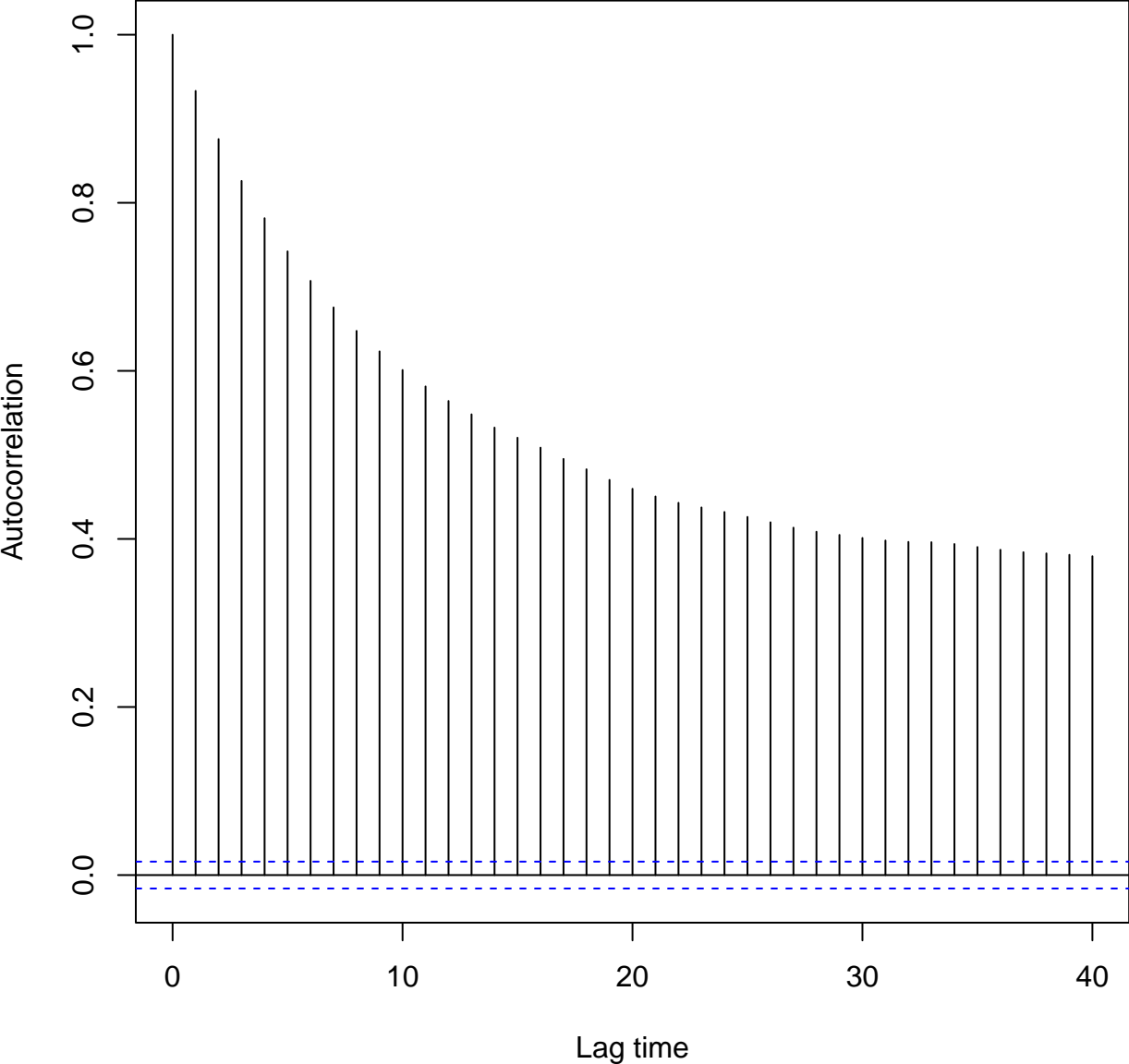
Selection T ACC Mixture: 2



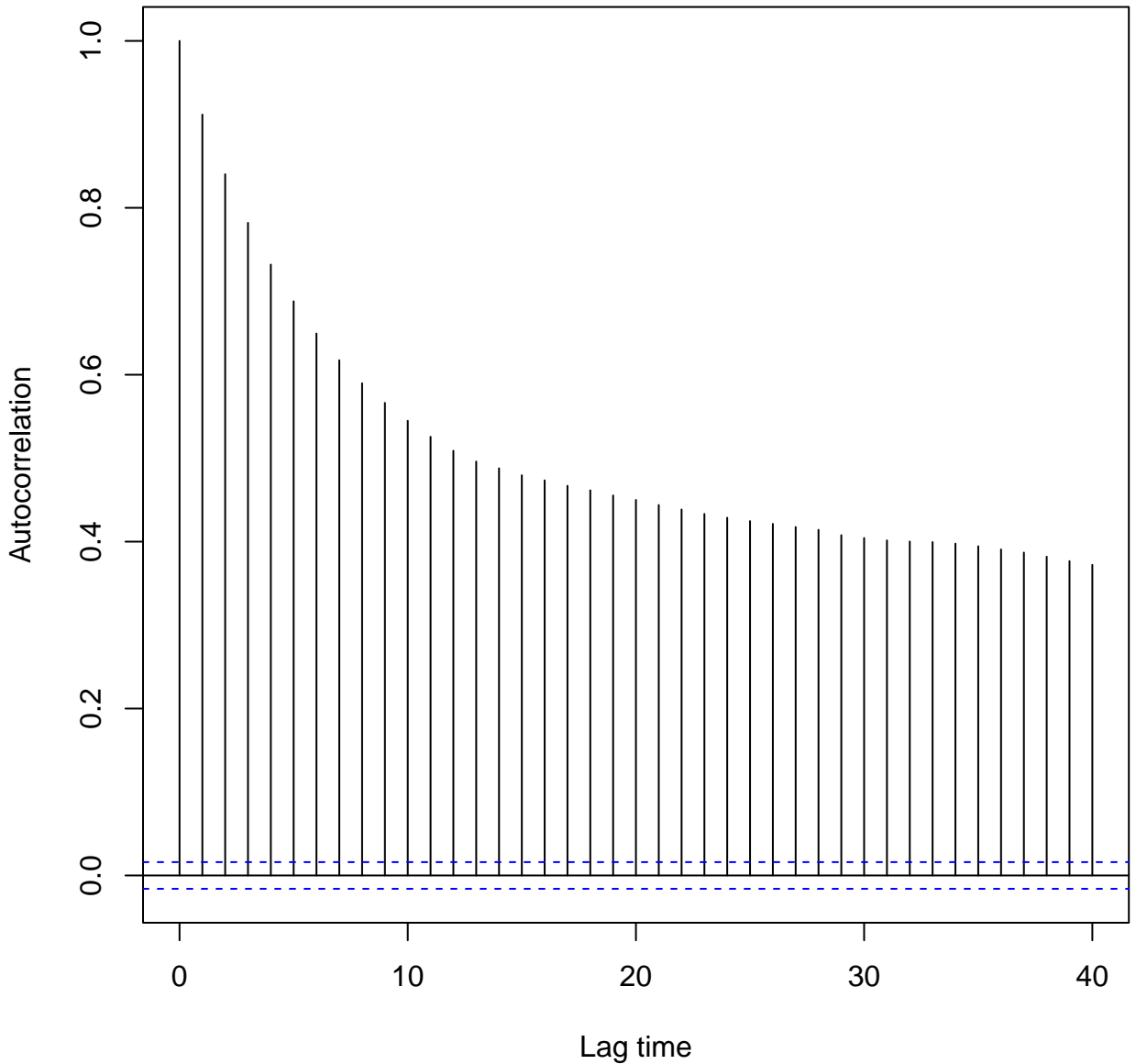
Selection T ACG Mixture: 1



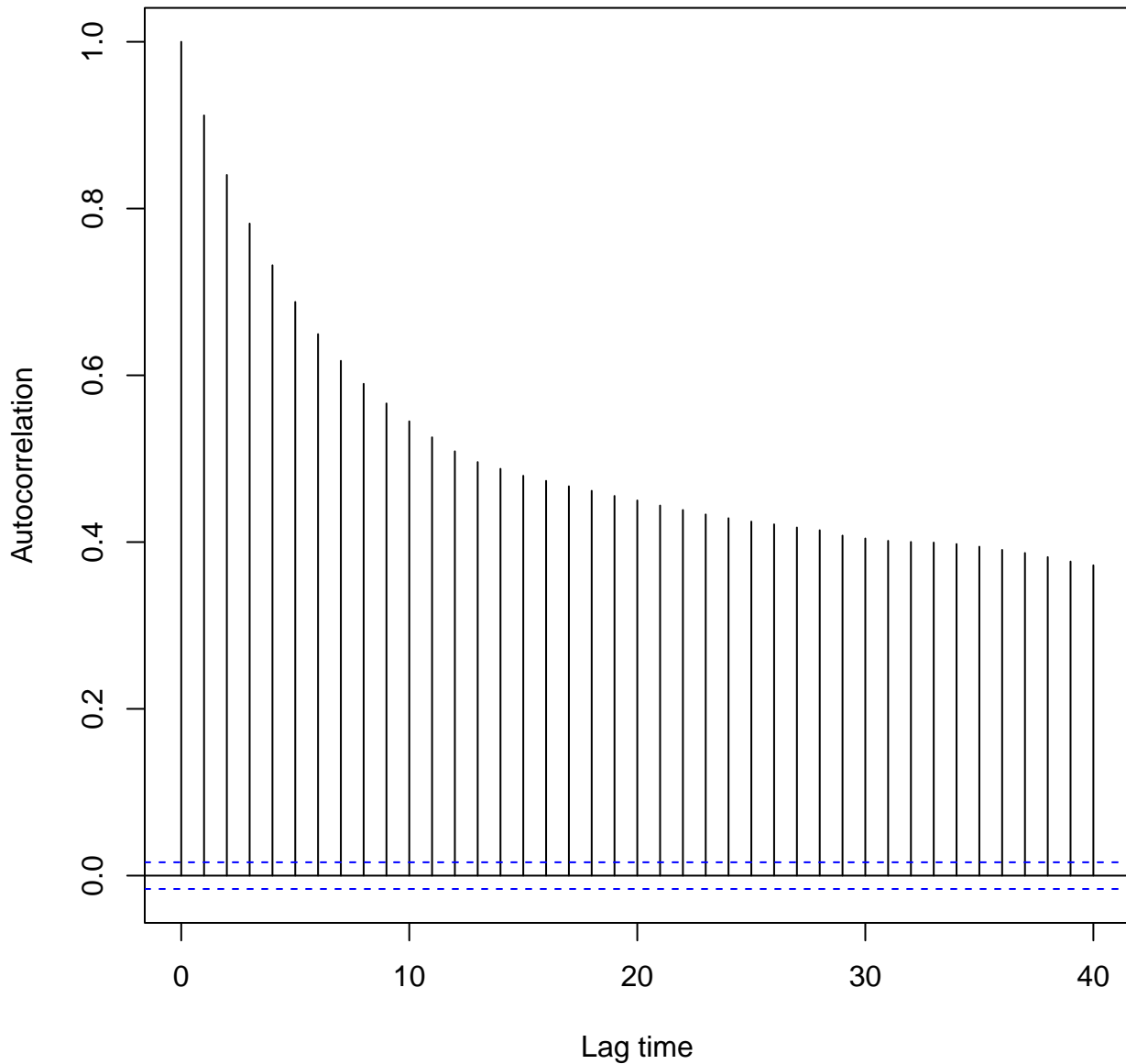
Selection T ACG Mixture: 2



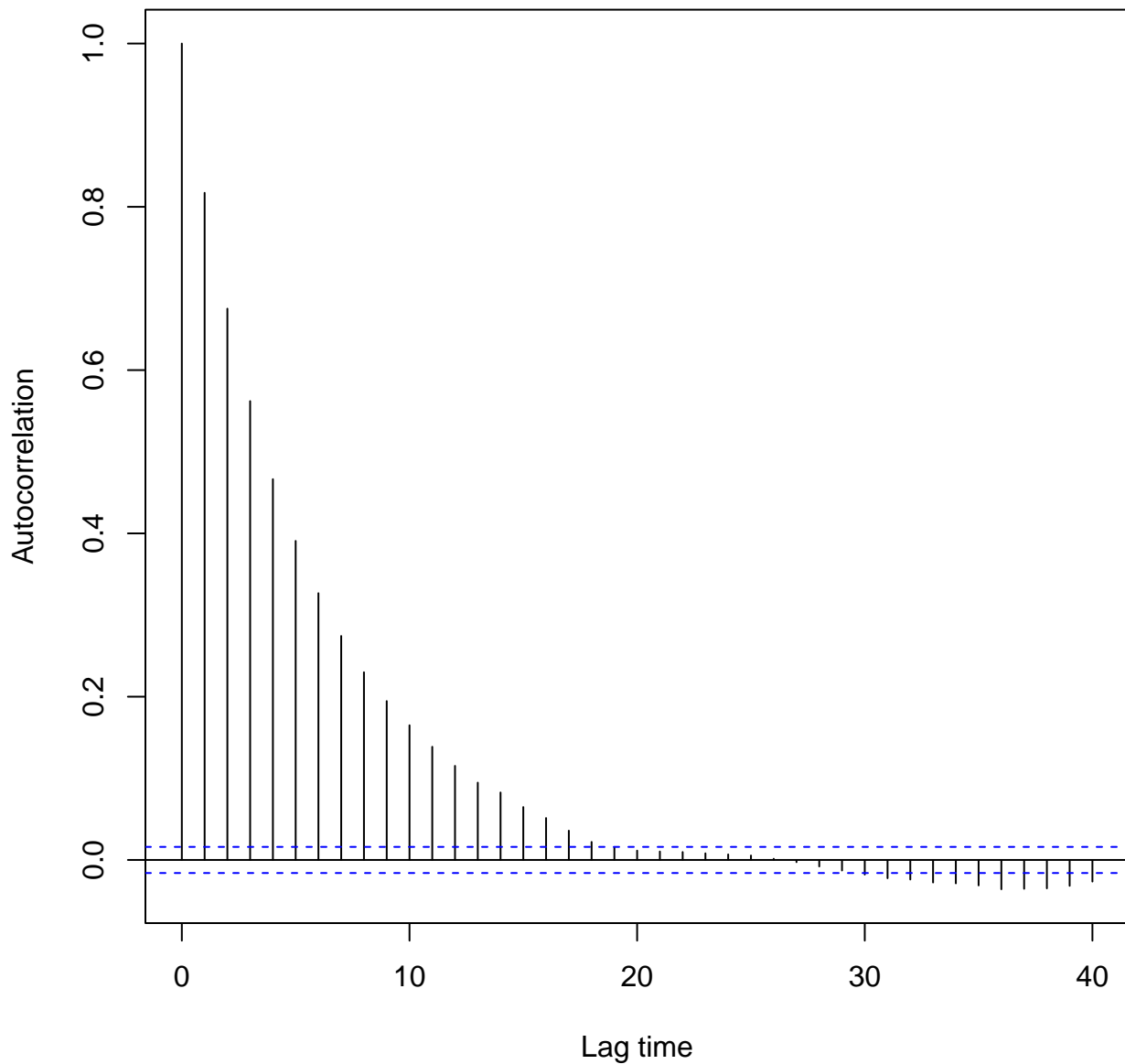
Selection V GTA Mixture: 1



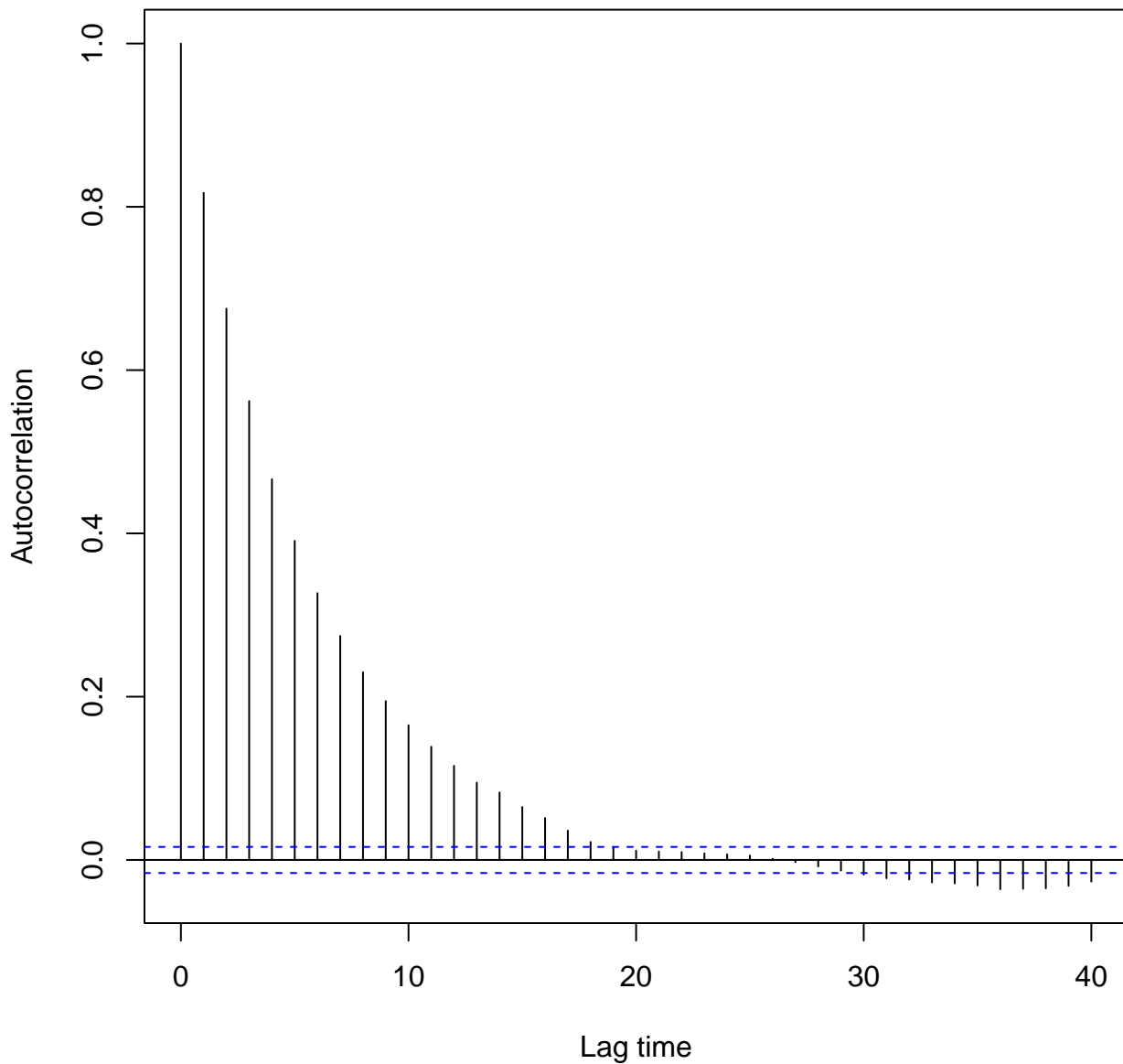
Selection V GTA Mixture: 2



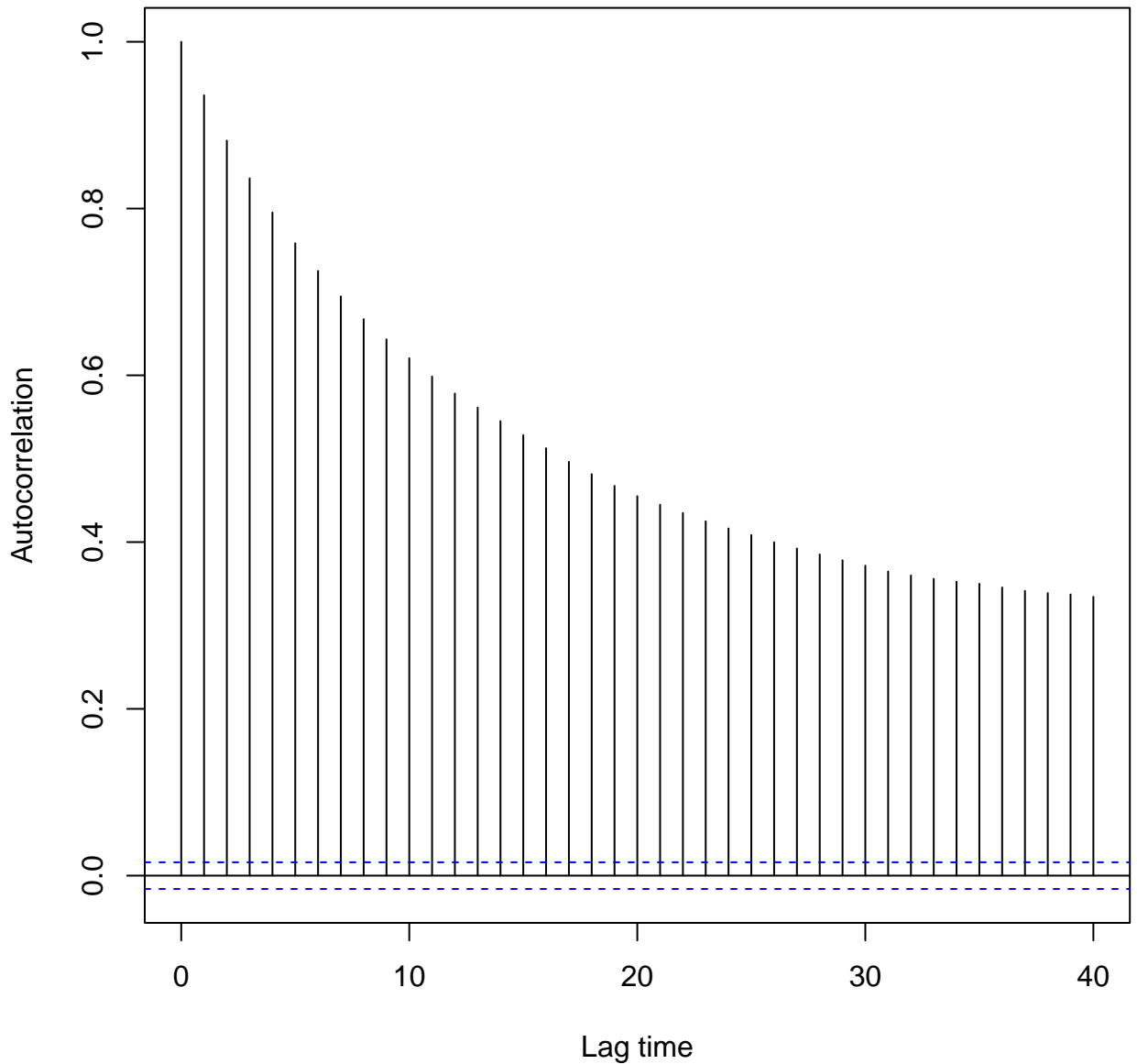
Selection V GTC Mixture: 1



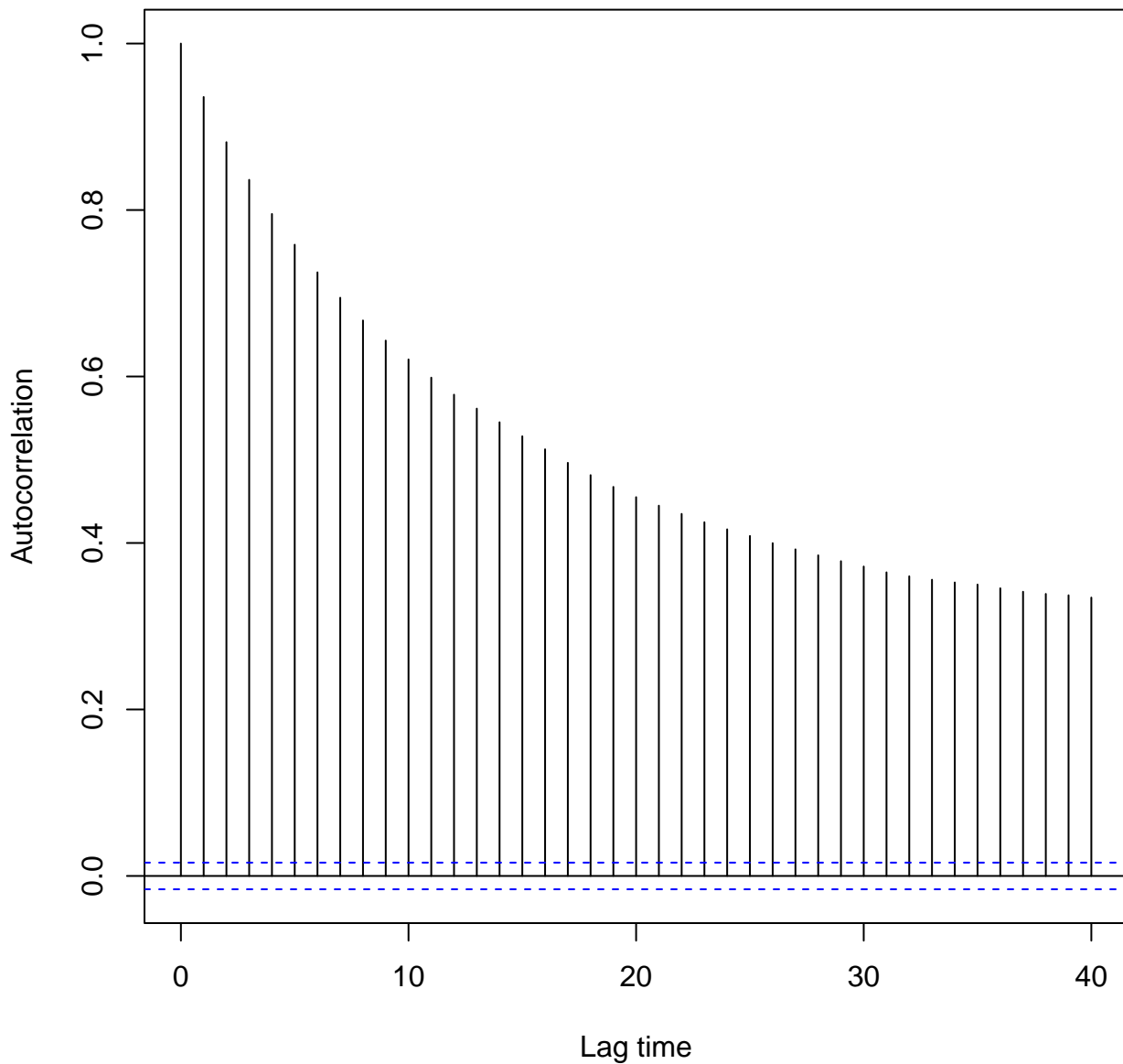
Selection V GTC Mixture: 2



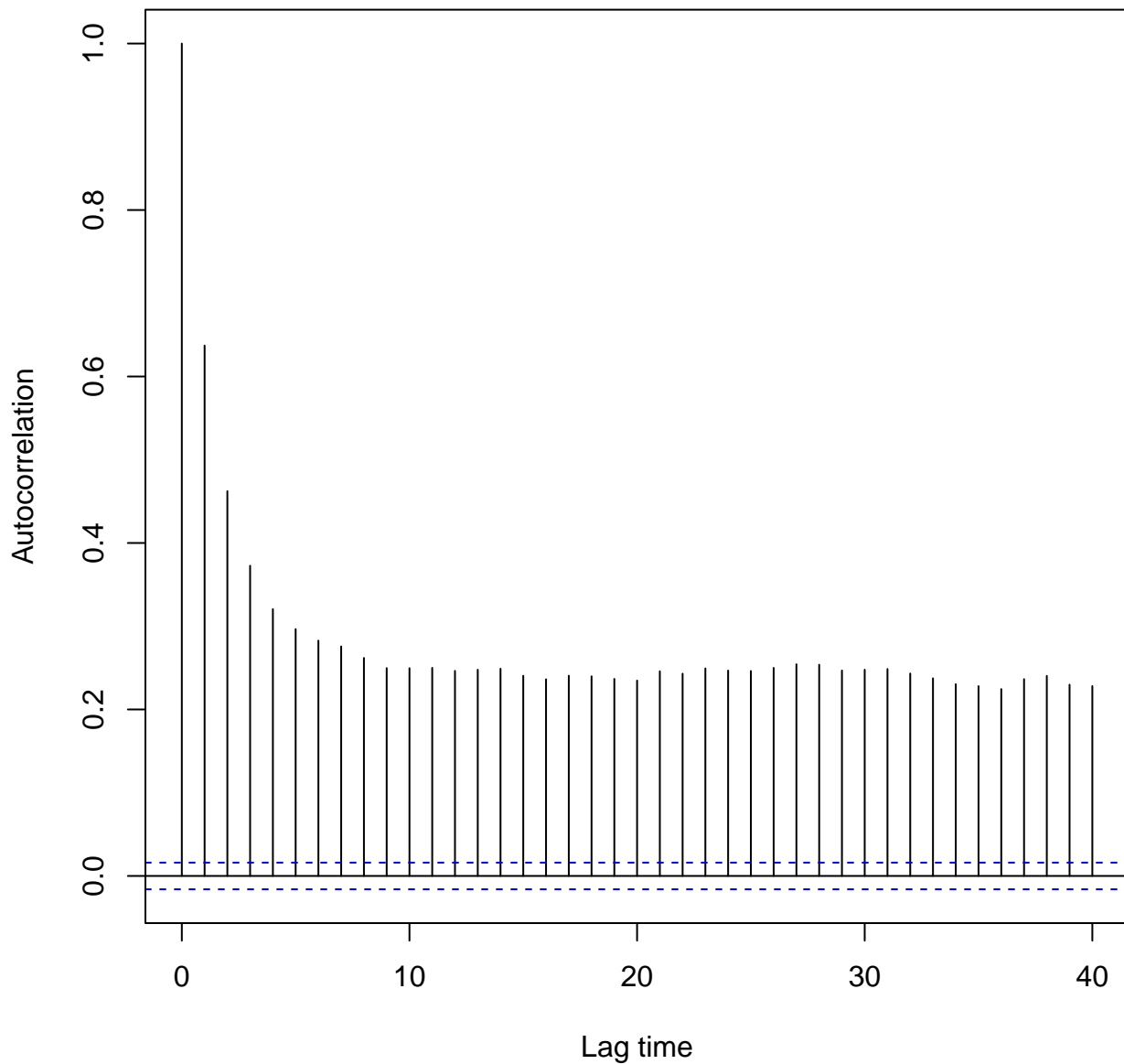
Selection V GTG Mixture: 1



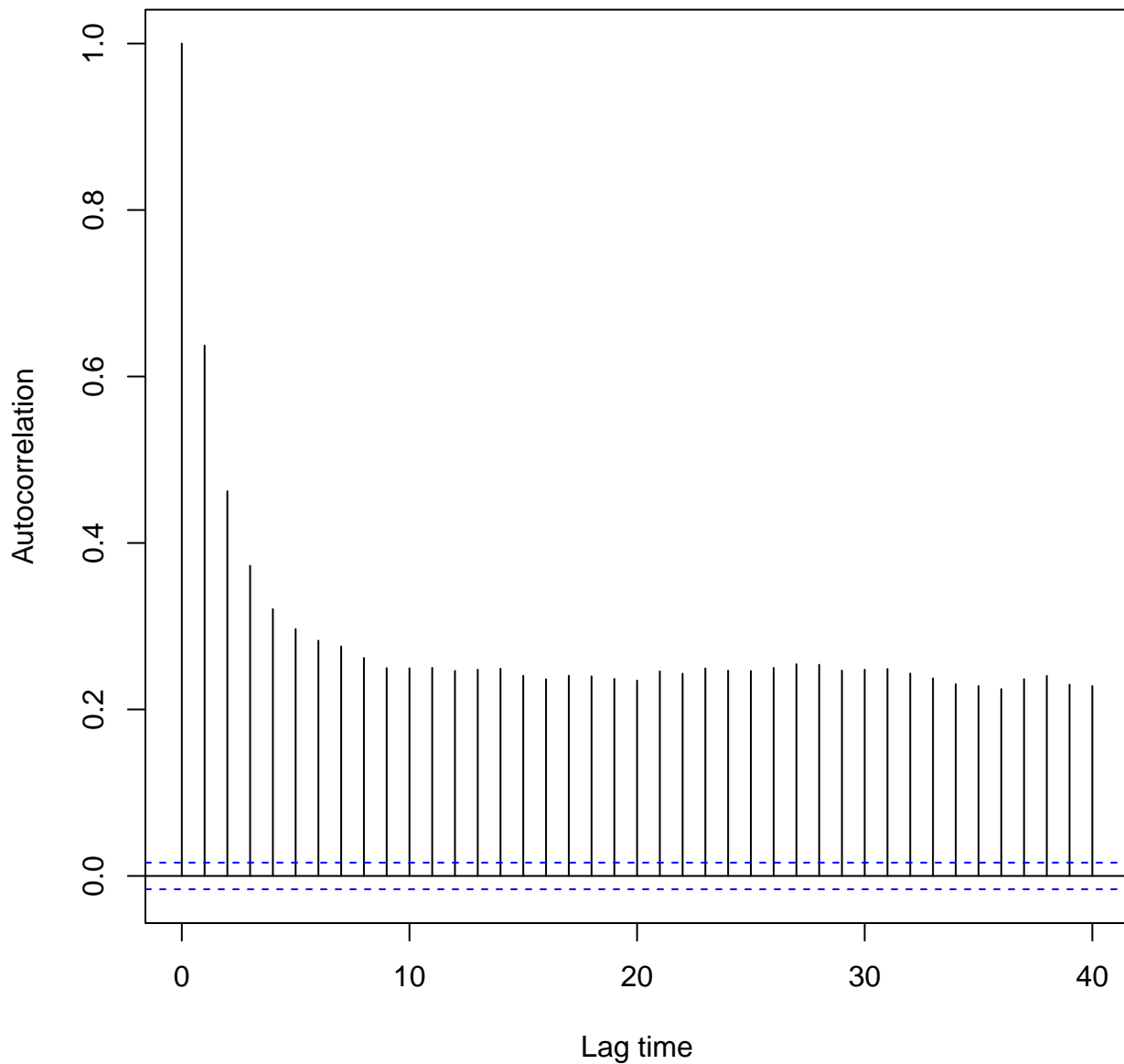
Selection V GTG Mixture: 2



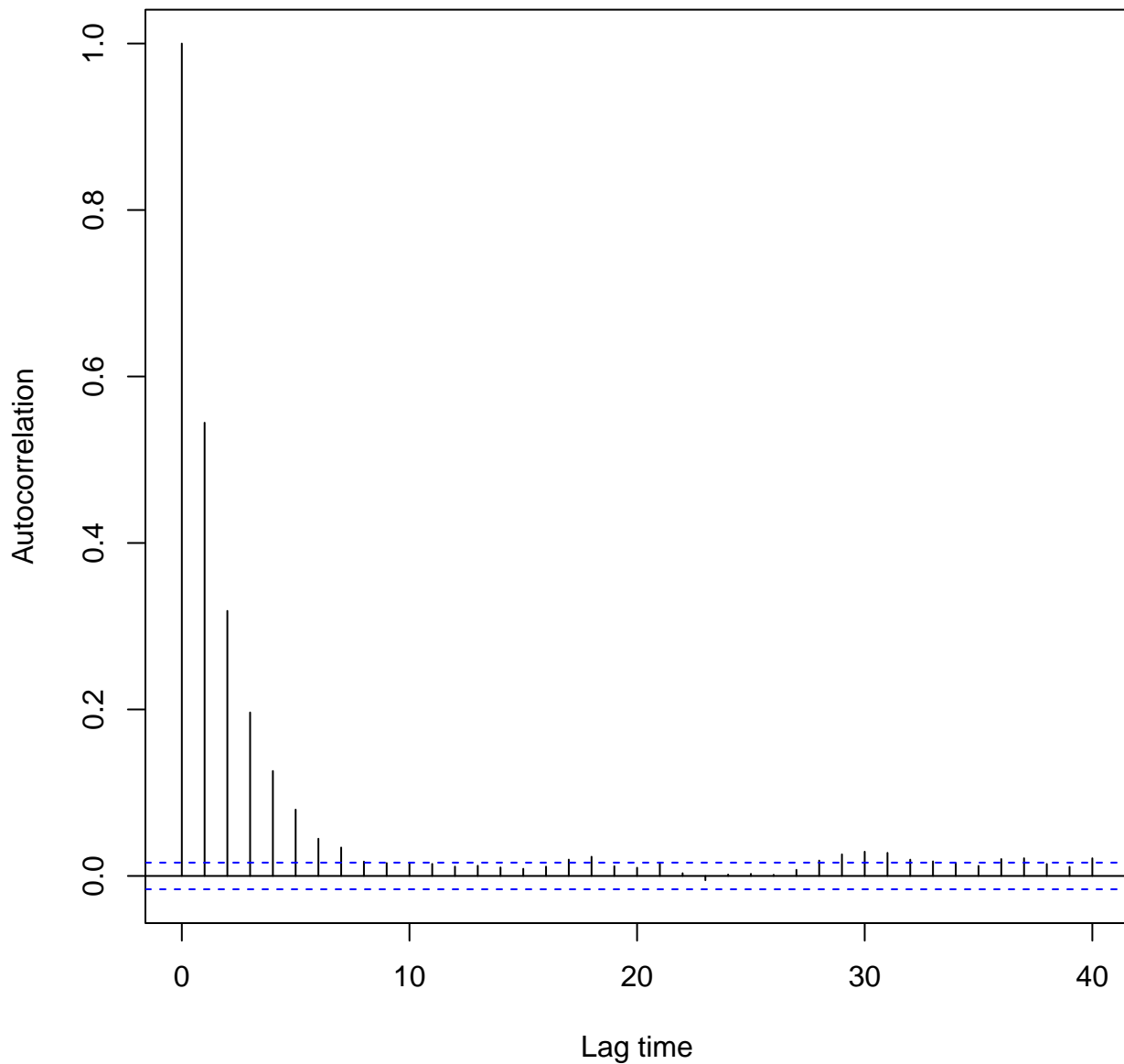
Selection Y TAC Mixture: 1



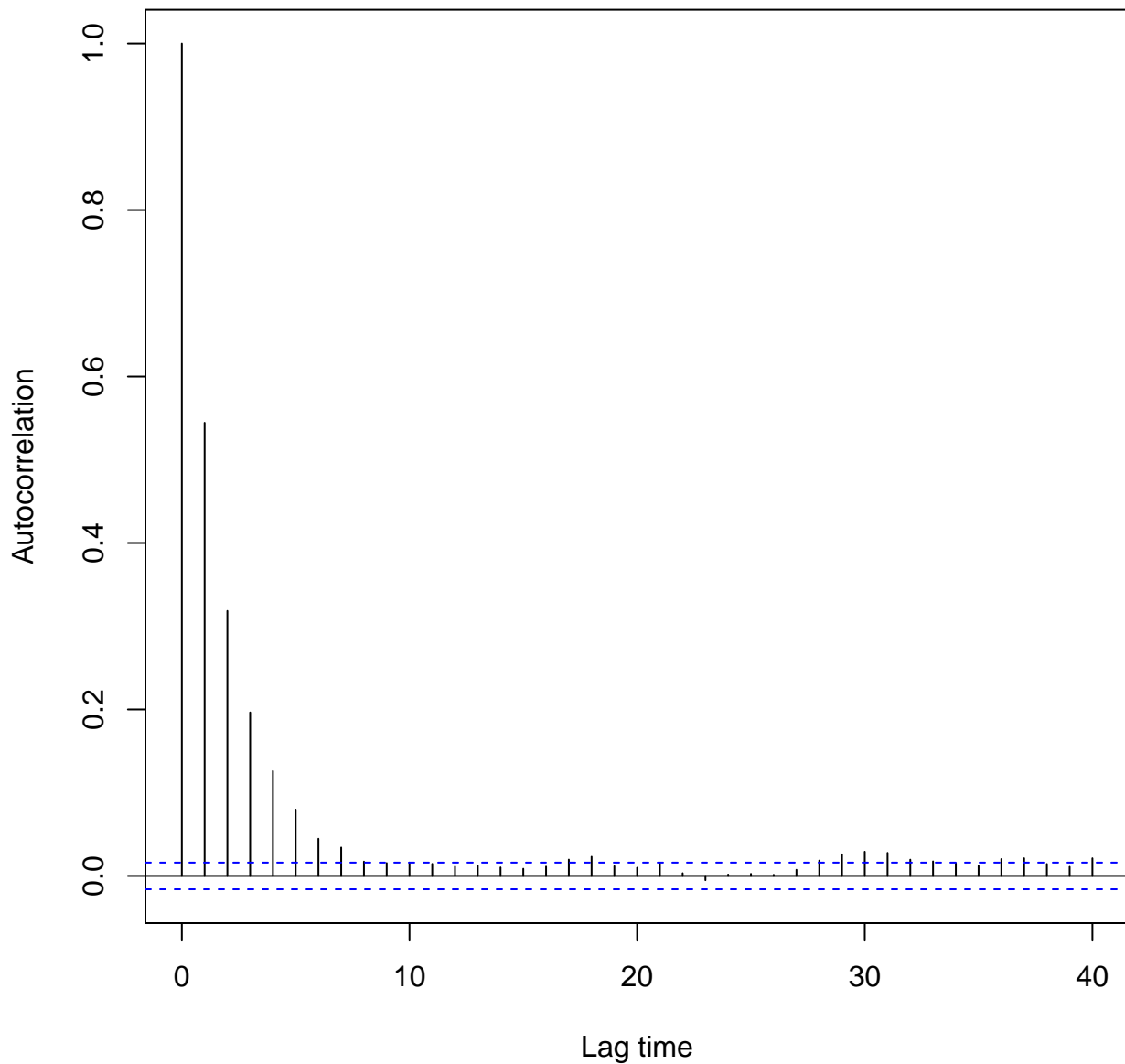
Selection Y TAC Mixture: 2



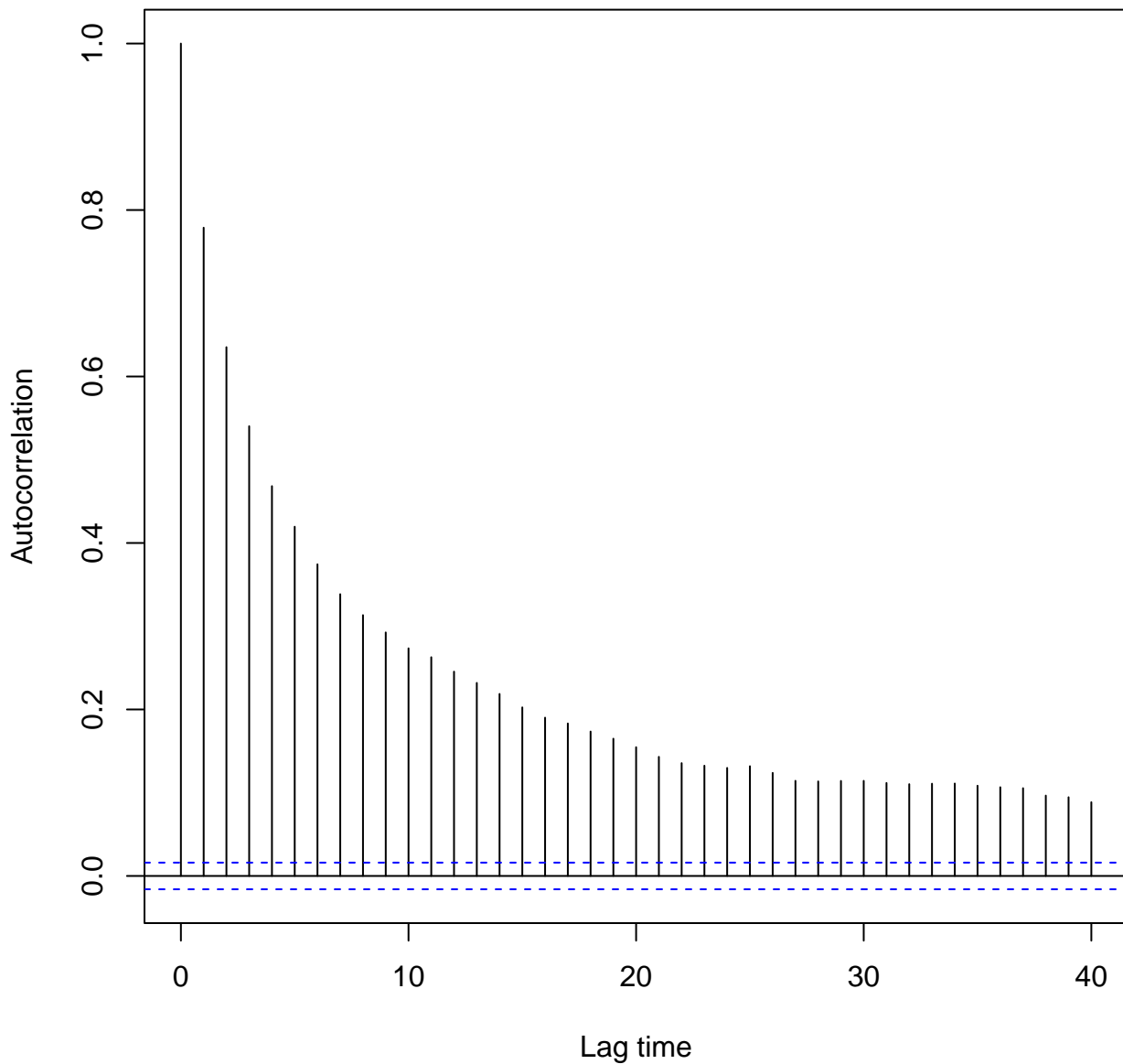
Selection Z AGC Mixture: 1



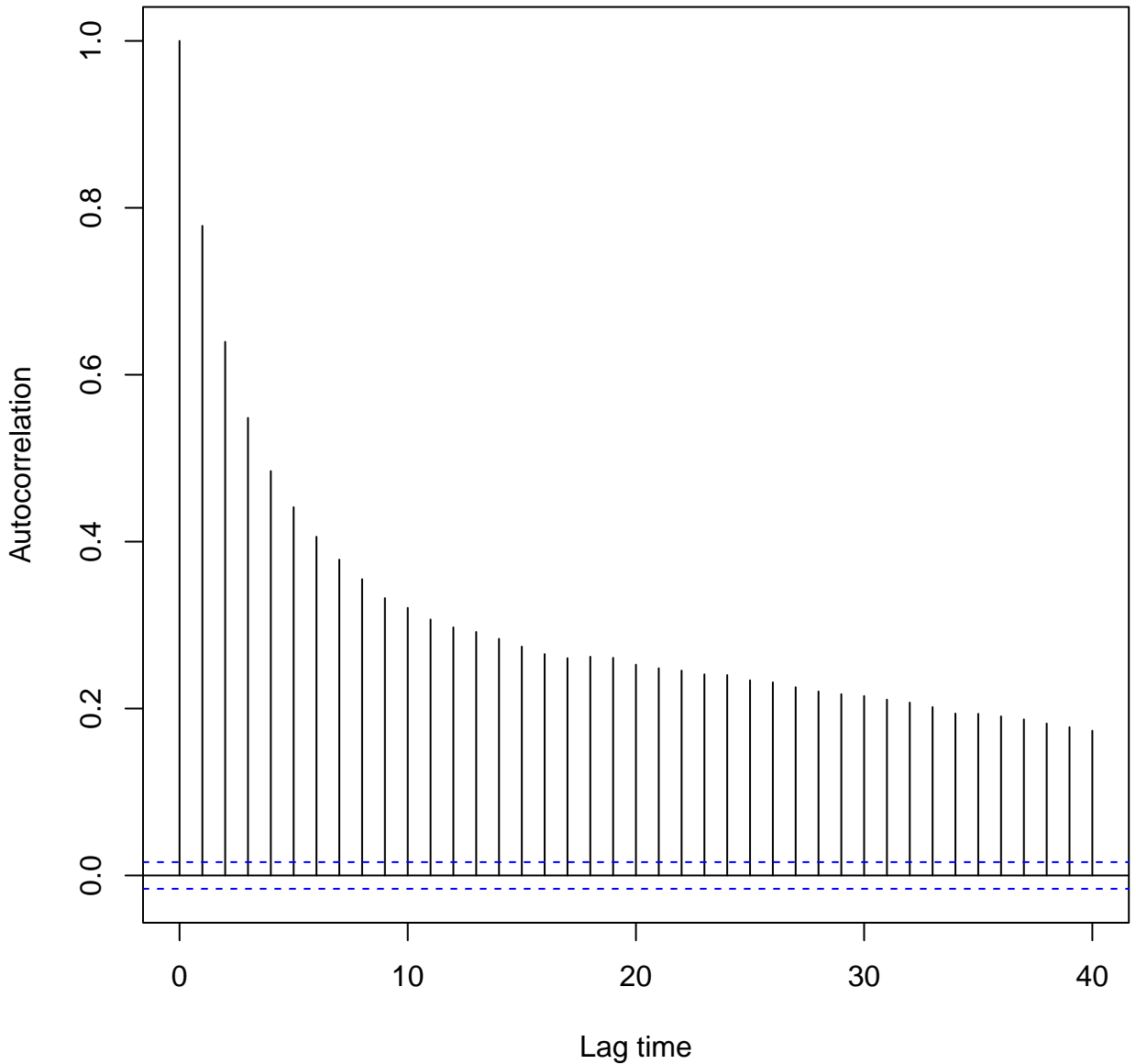
Selection Z AGC Mixture: 2



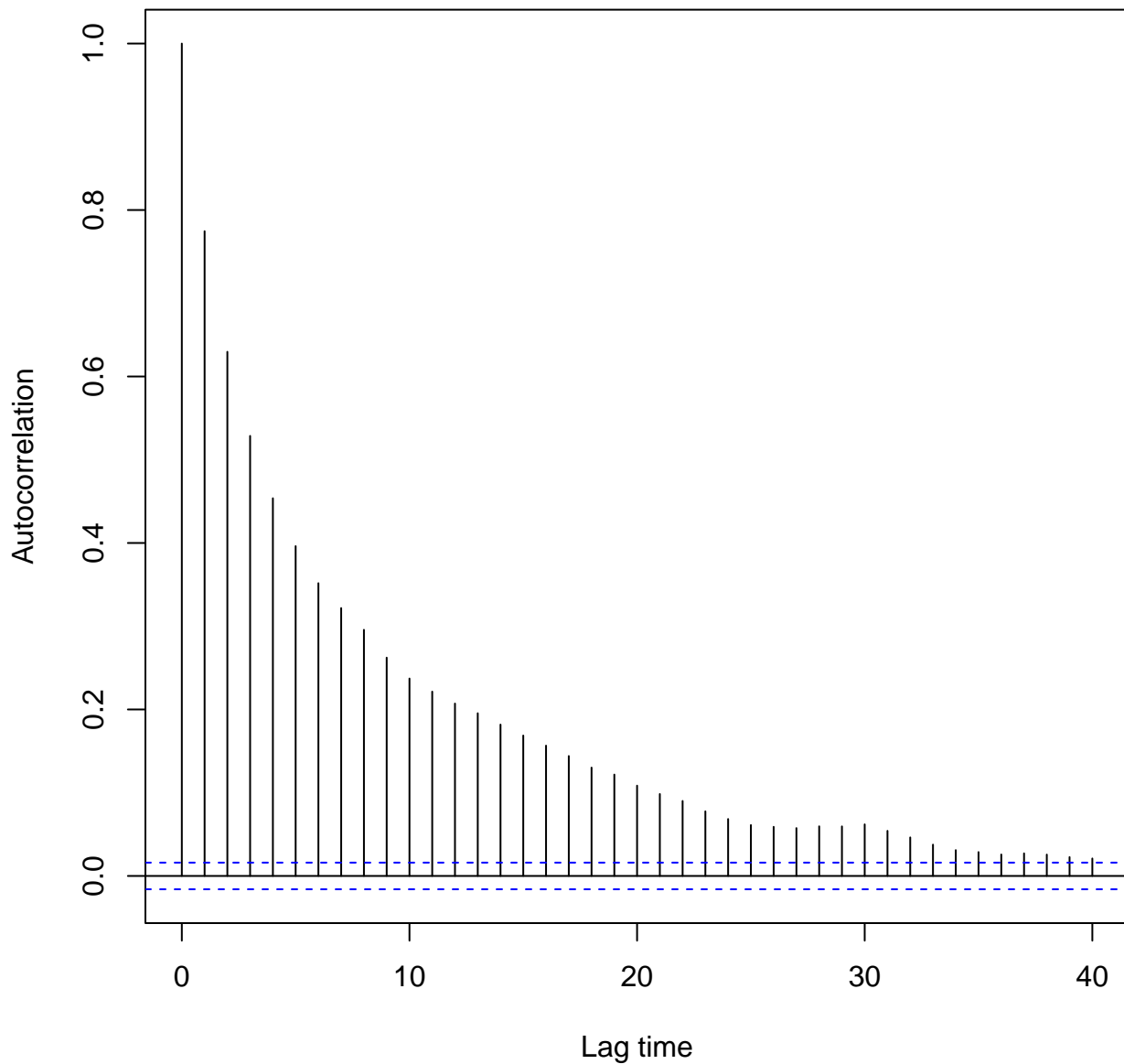
Mutation A GCA Mixture: 1



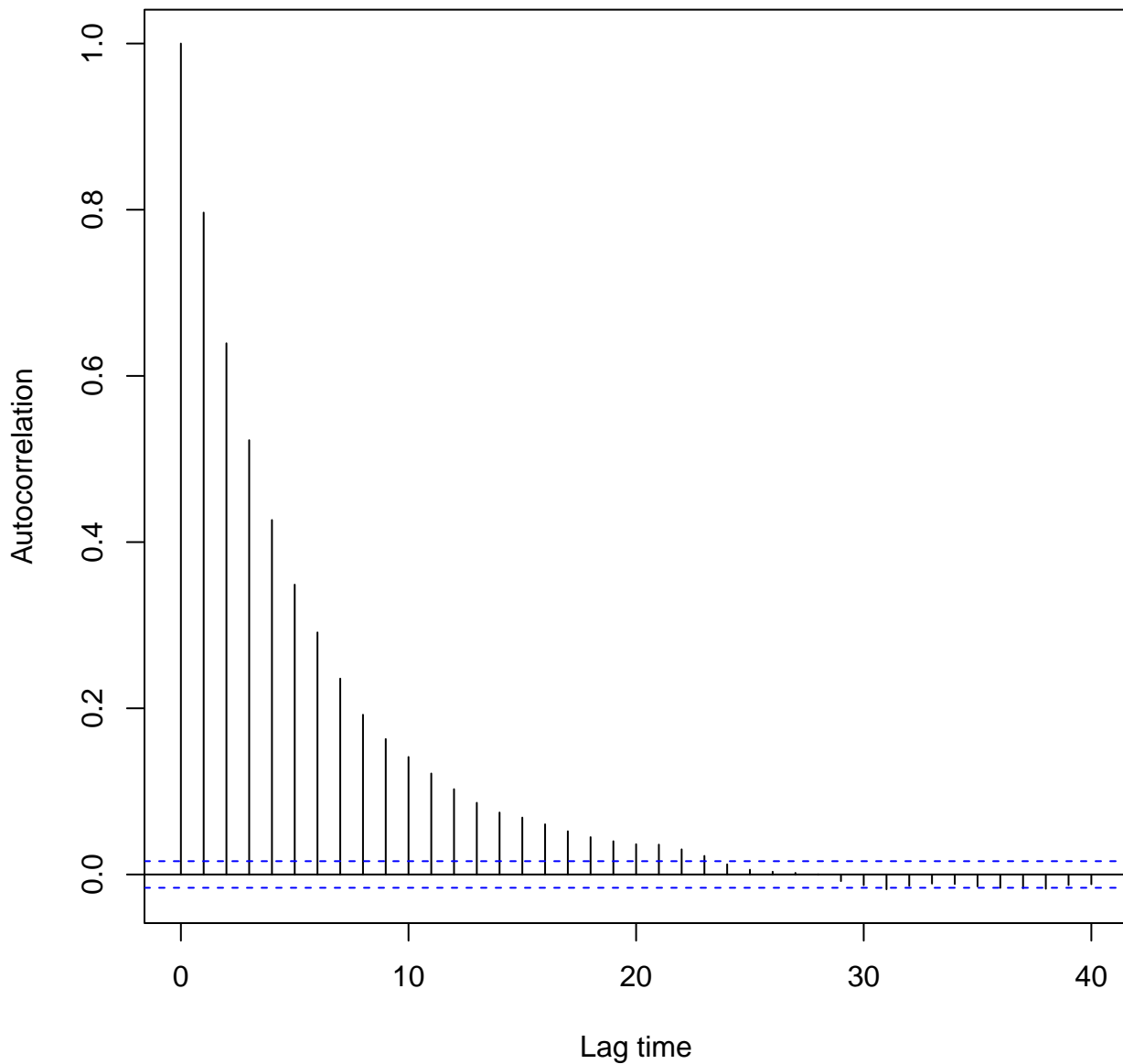
Mutation A GCA Mixture: 2



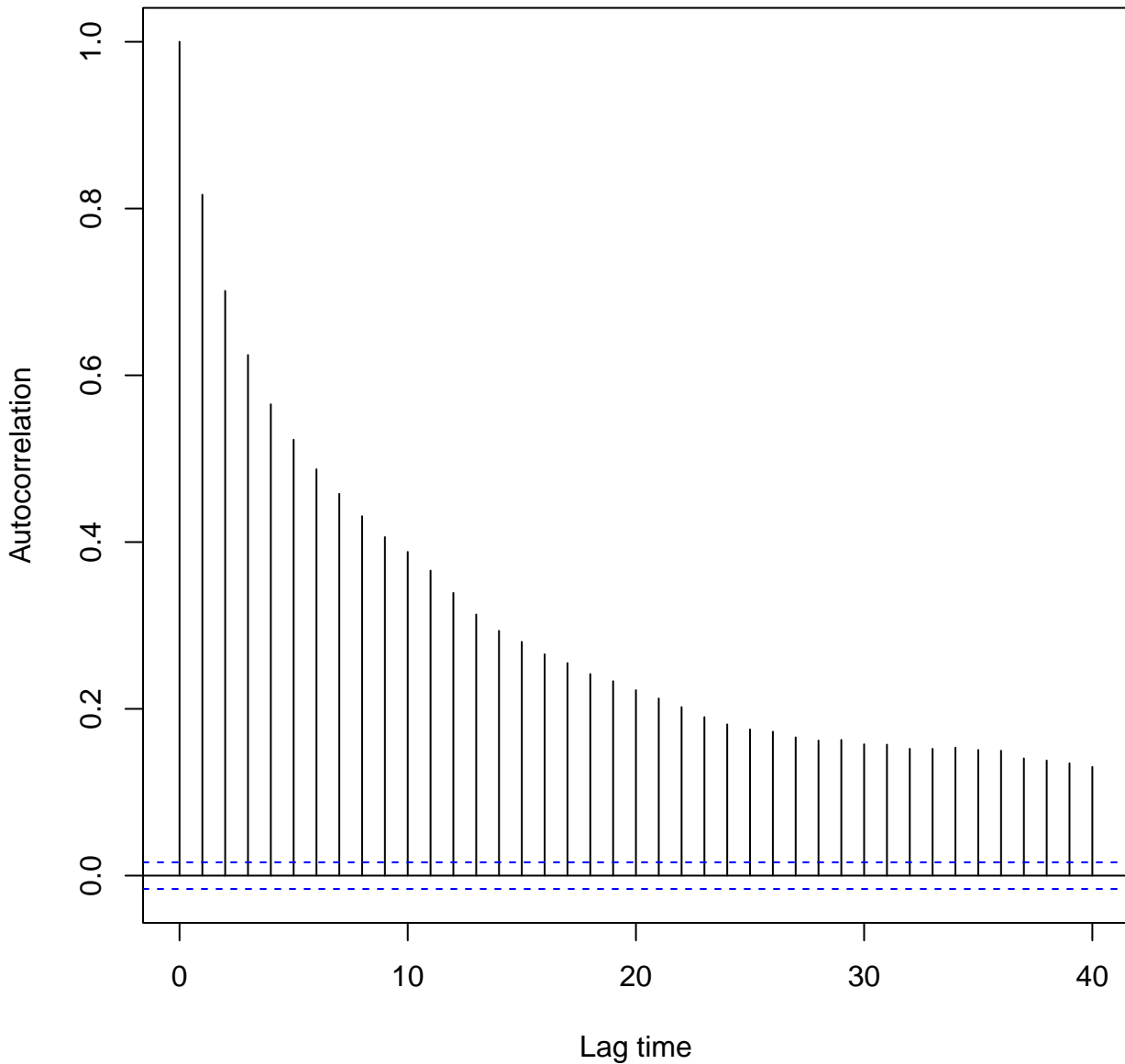
Mutation A GCC Mixture: 1



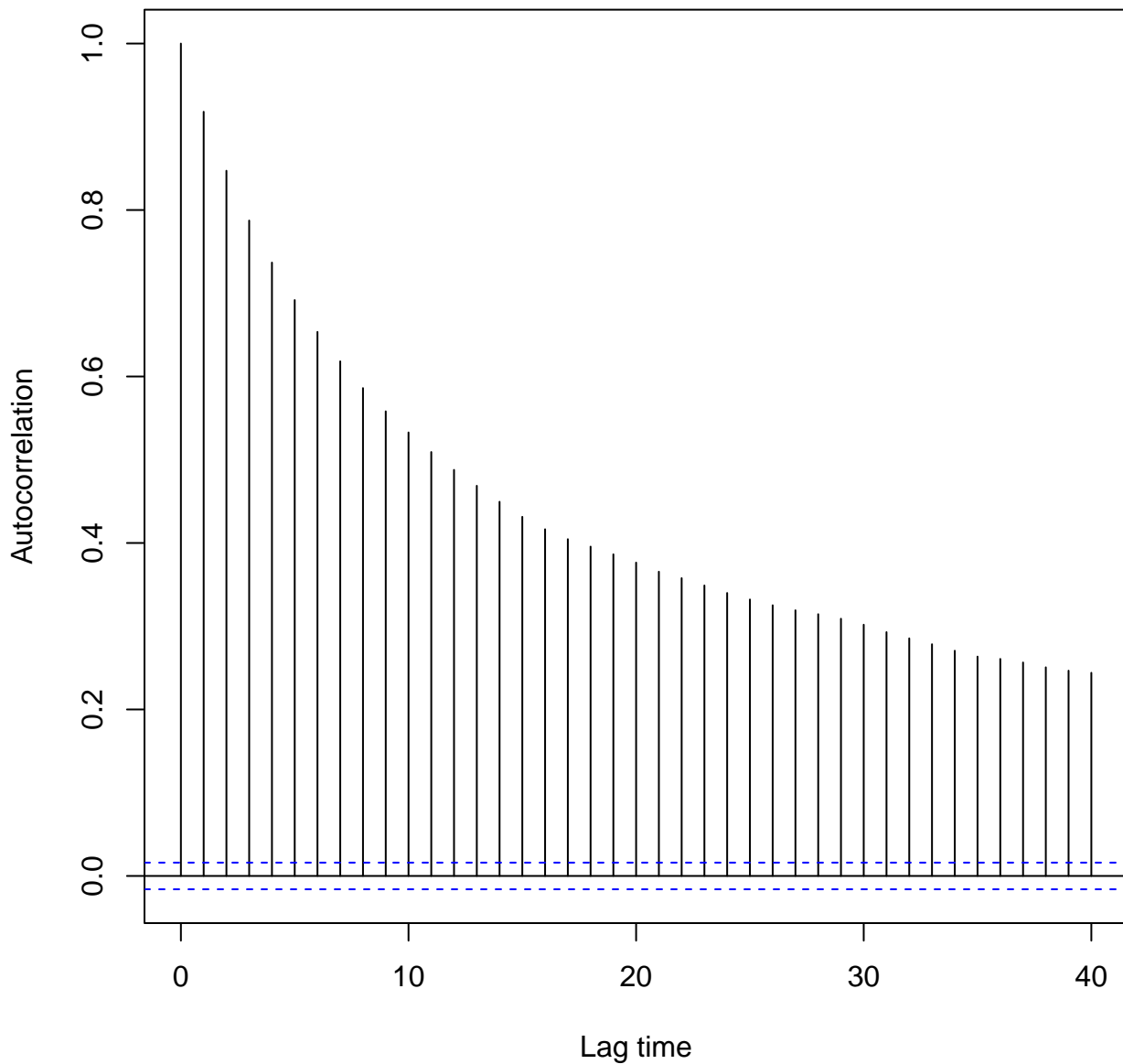
Mutation A GCC Mixture: 2



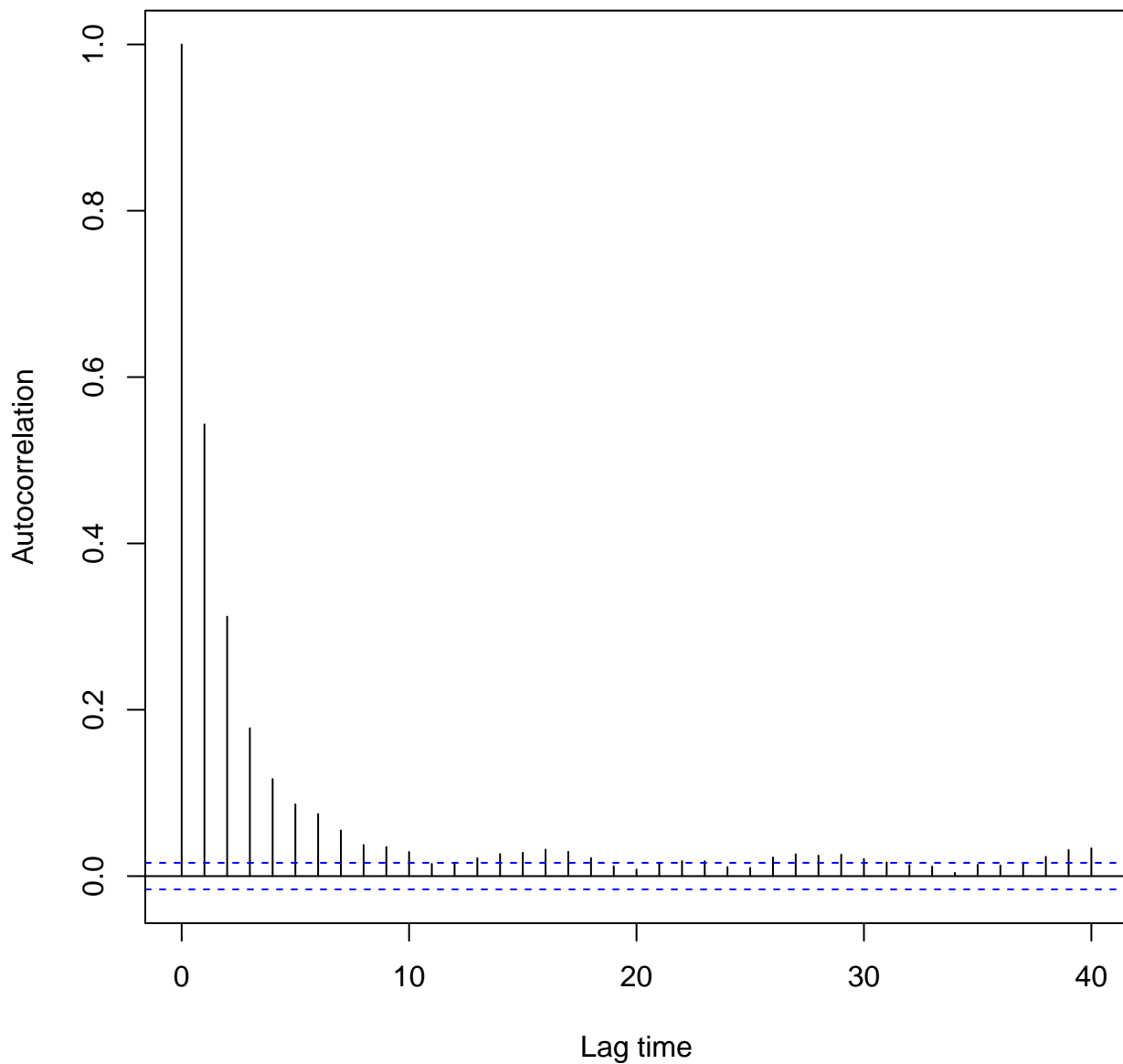
Mutation A GCG Mixture: 1



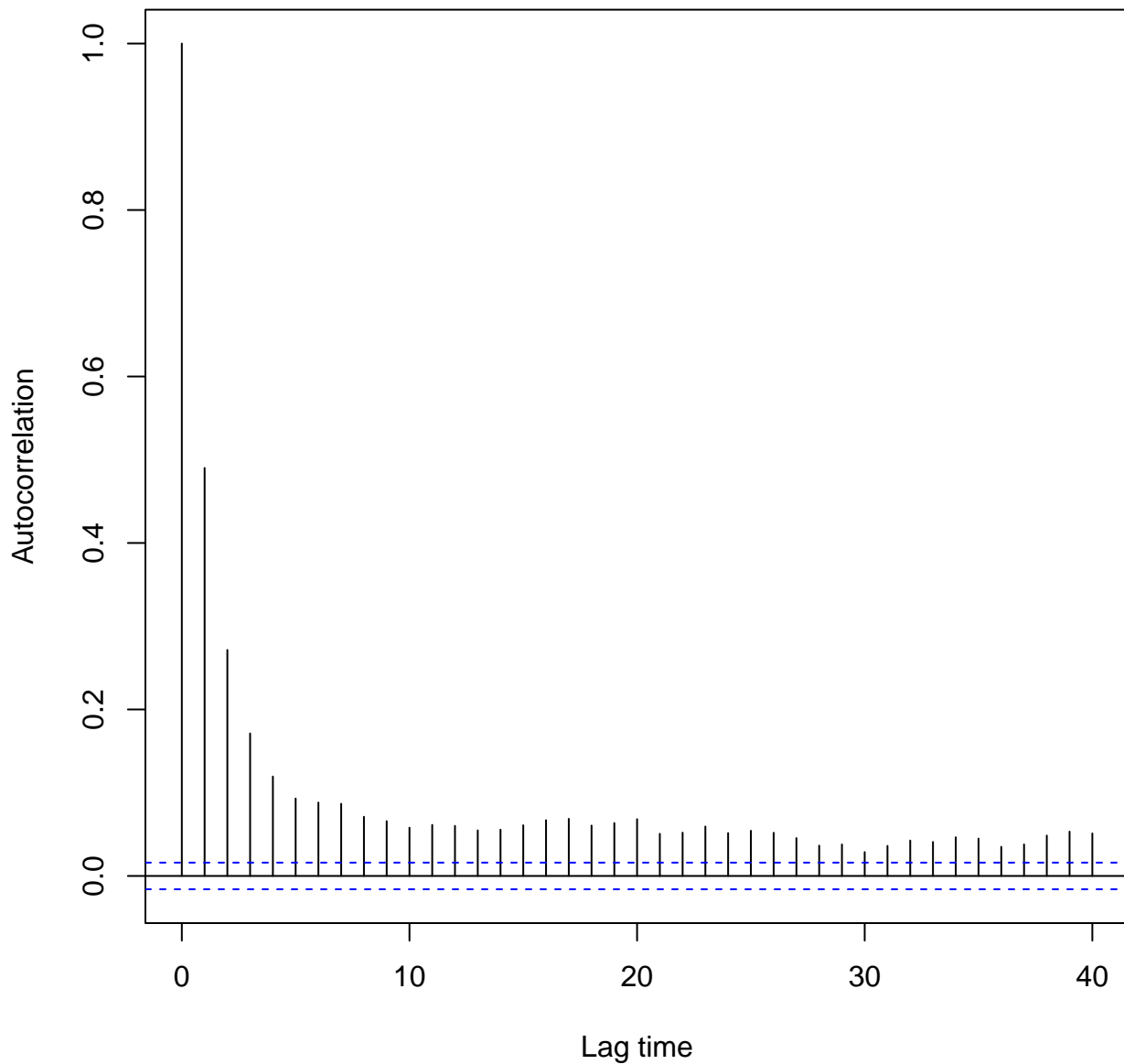
Mutation A GCG Mixture: 2



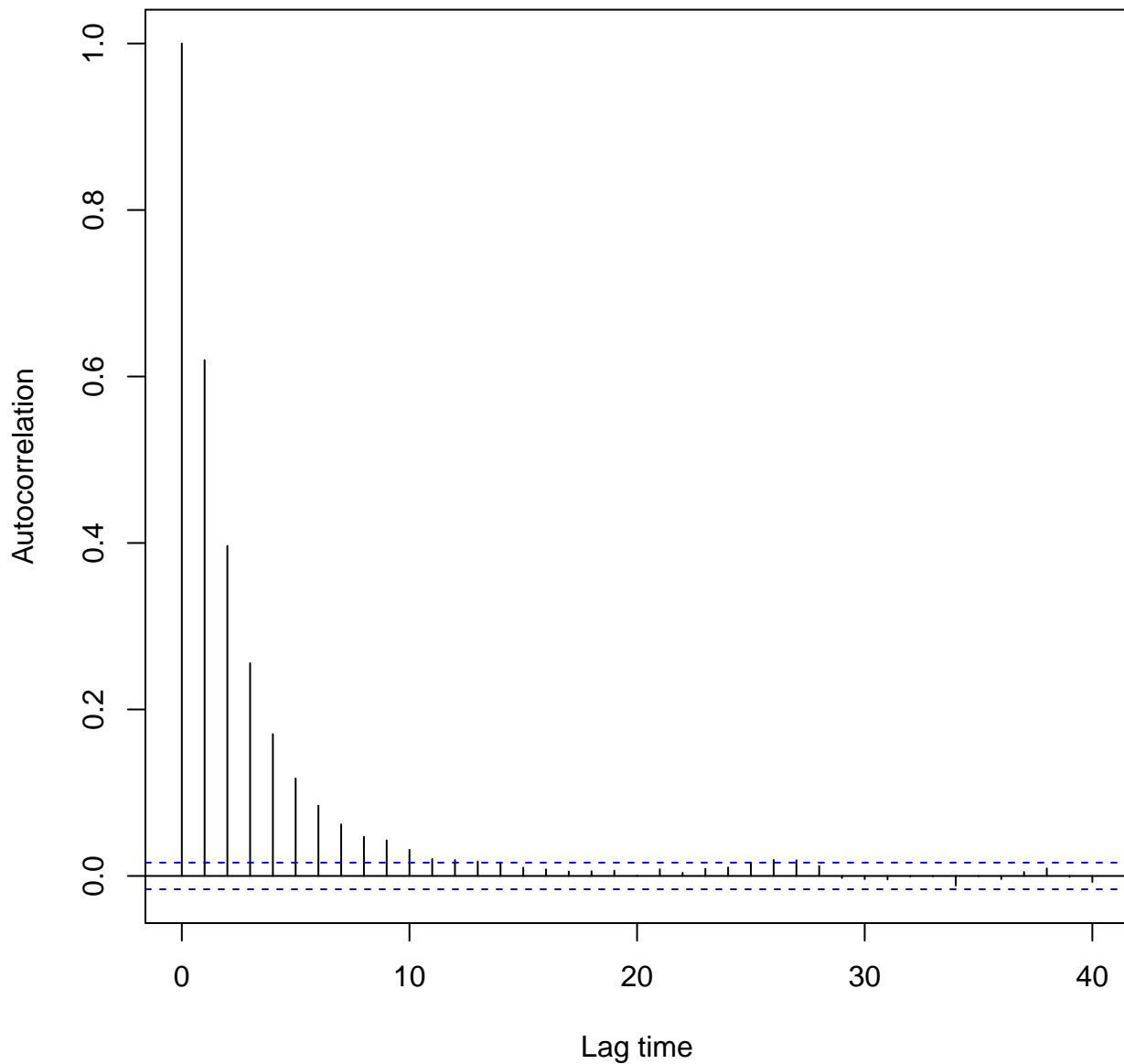
Mutation C TGC Mixture: 1



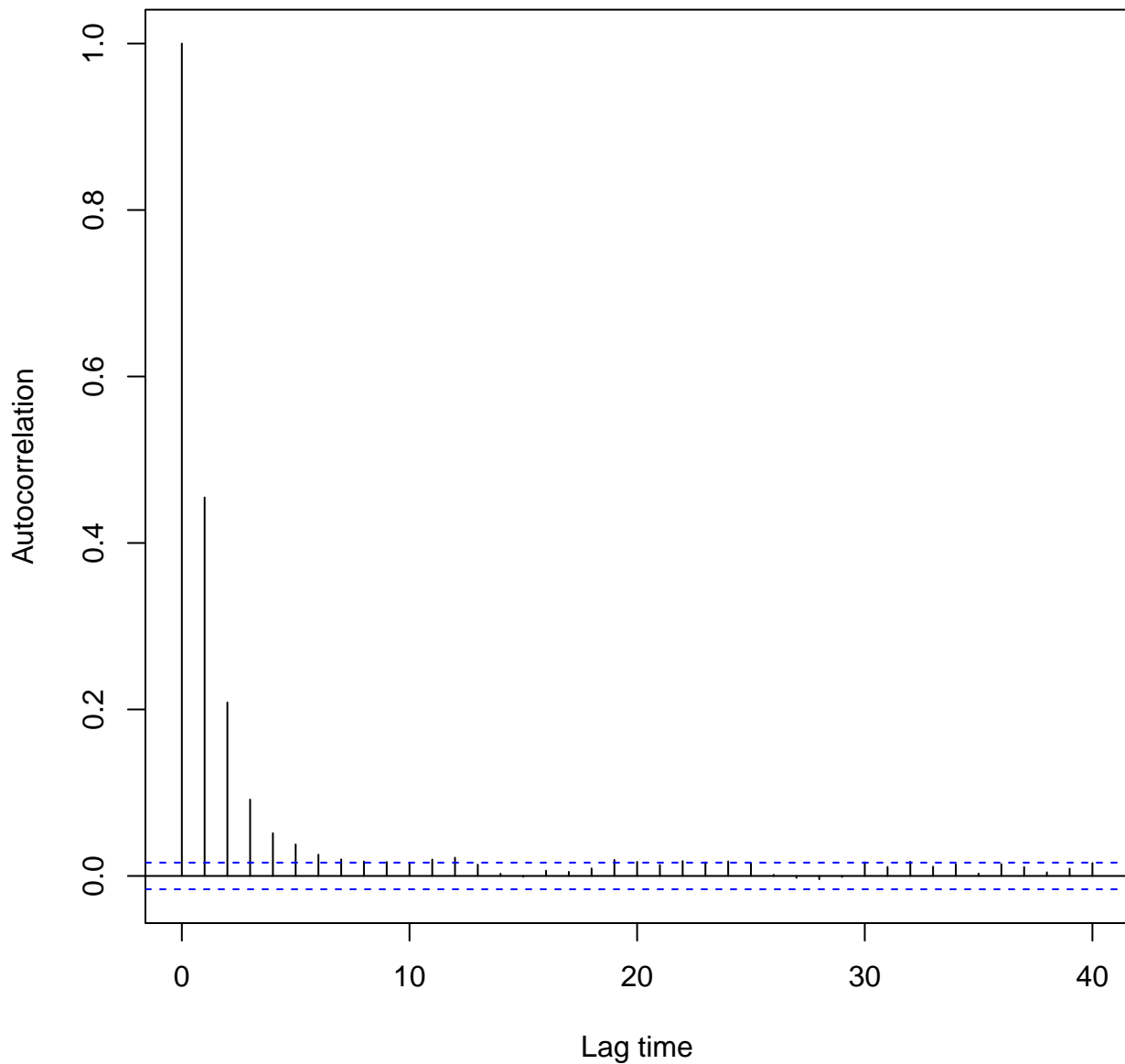
Mutation C TGC Mixture: 2



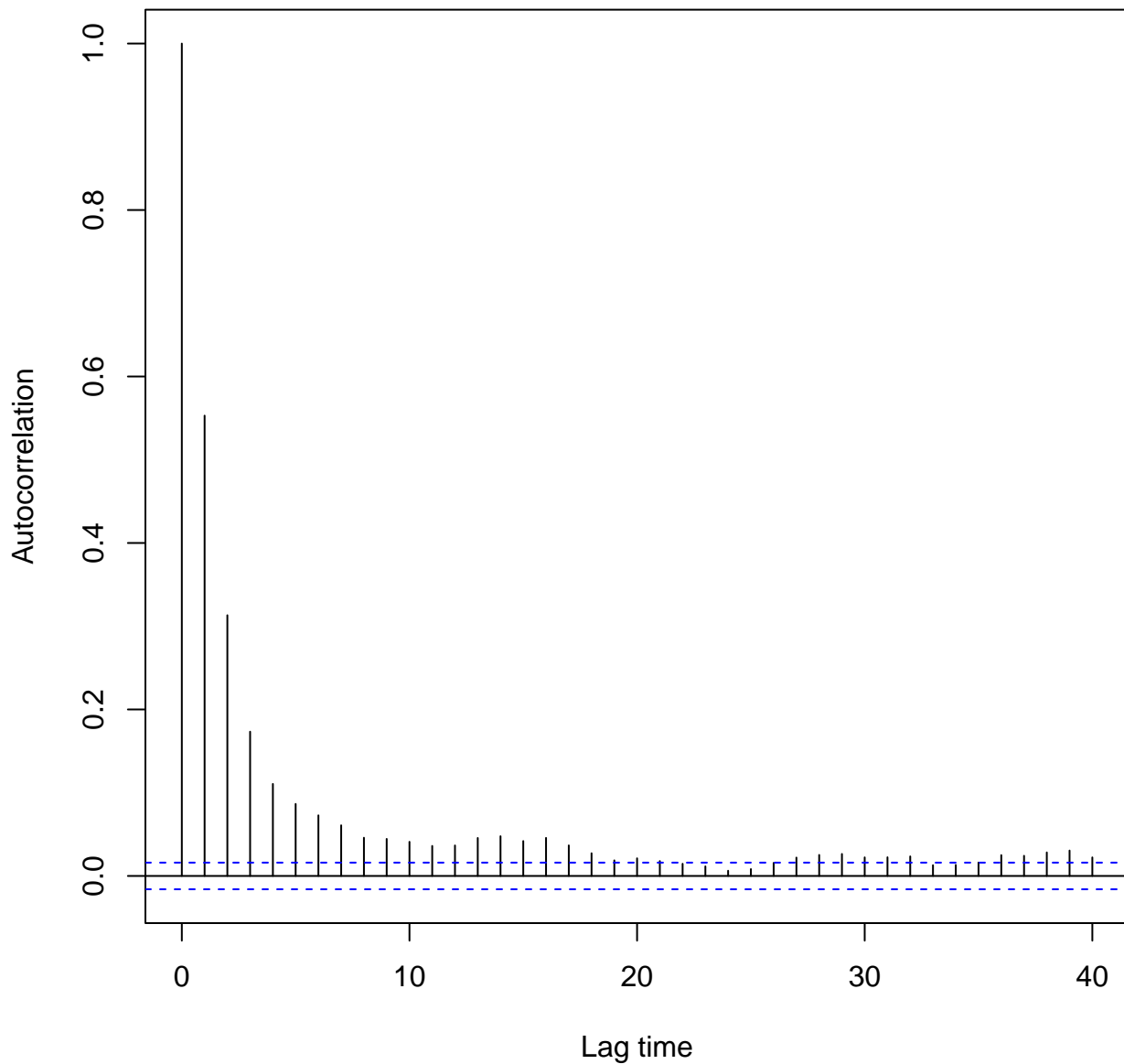
Mutation D GAC Mixture: 1



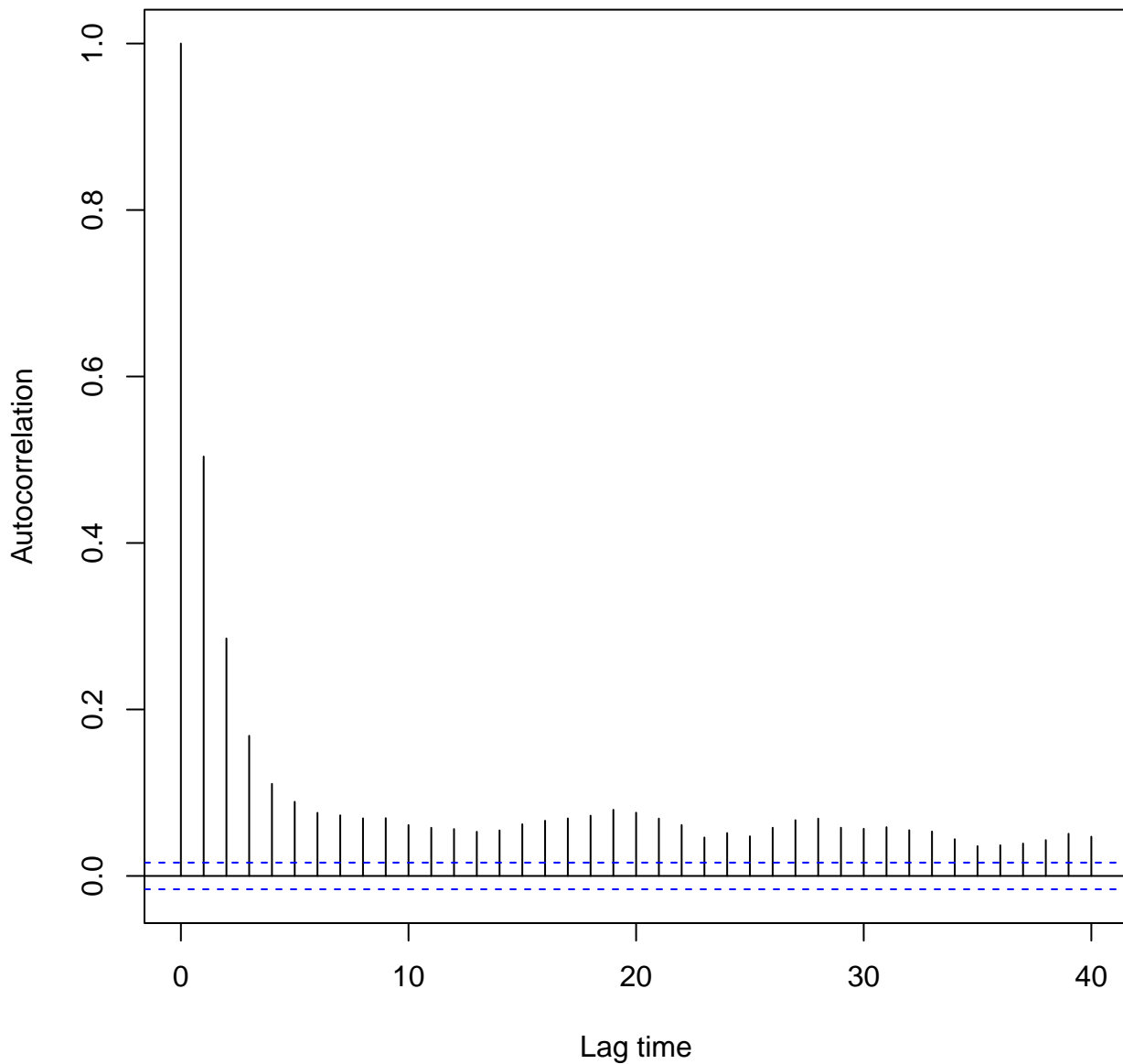
Mutation D GAC Mixture: 2



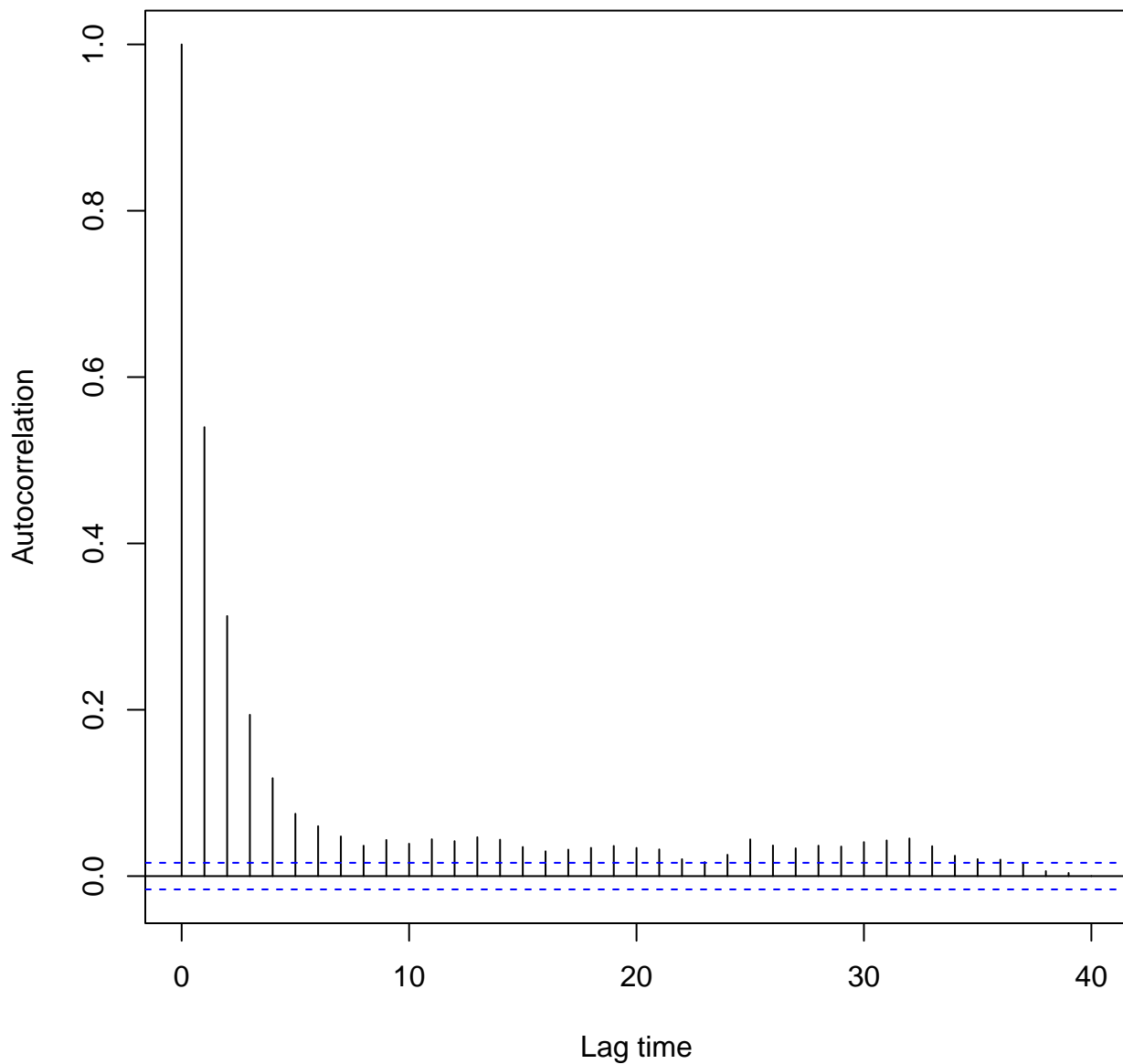
Mutation E GAA Mixture: 1



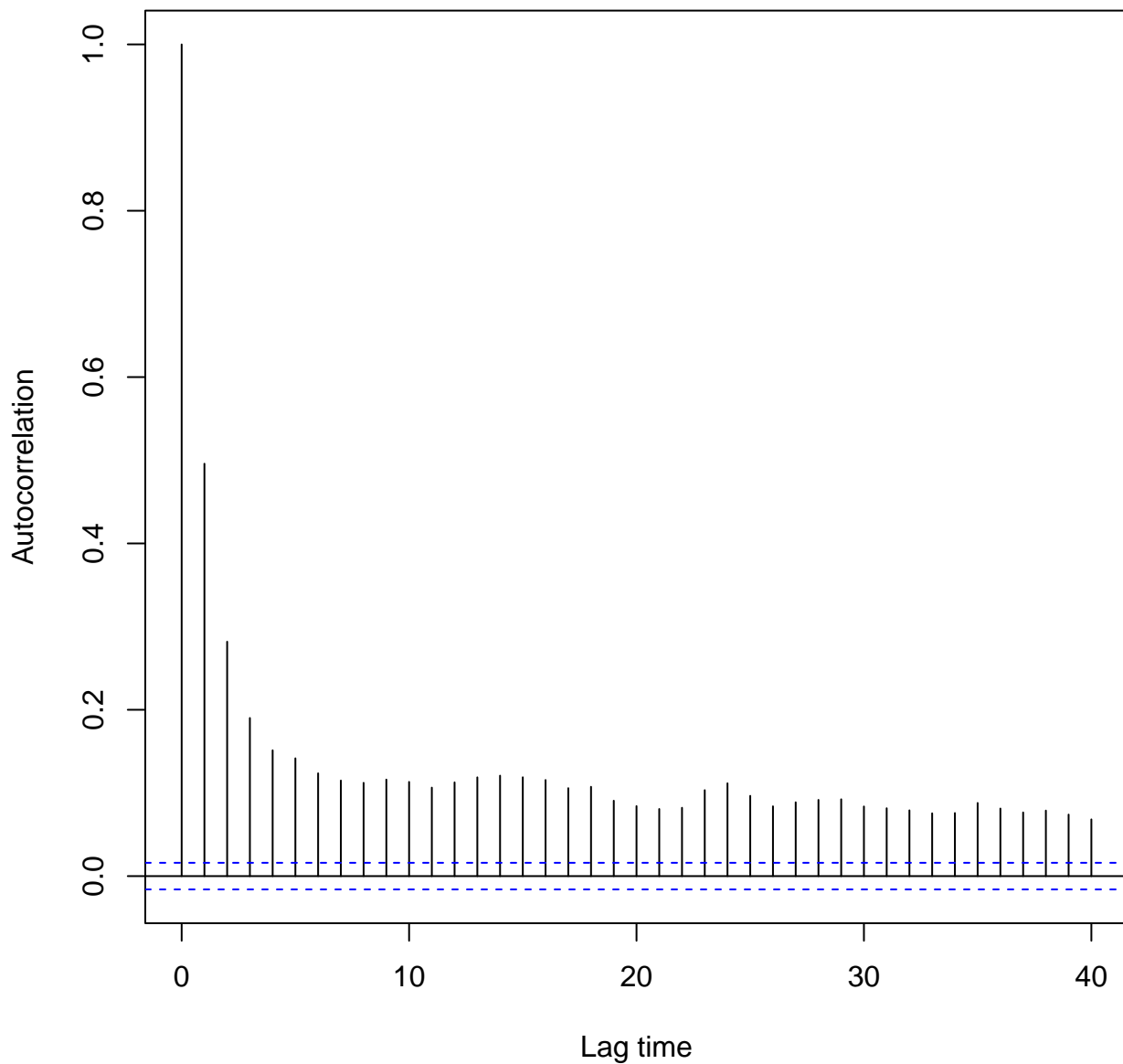
Mutation E GAA Mixture: 2



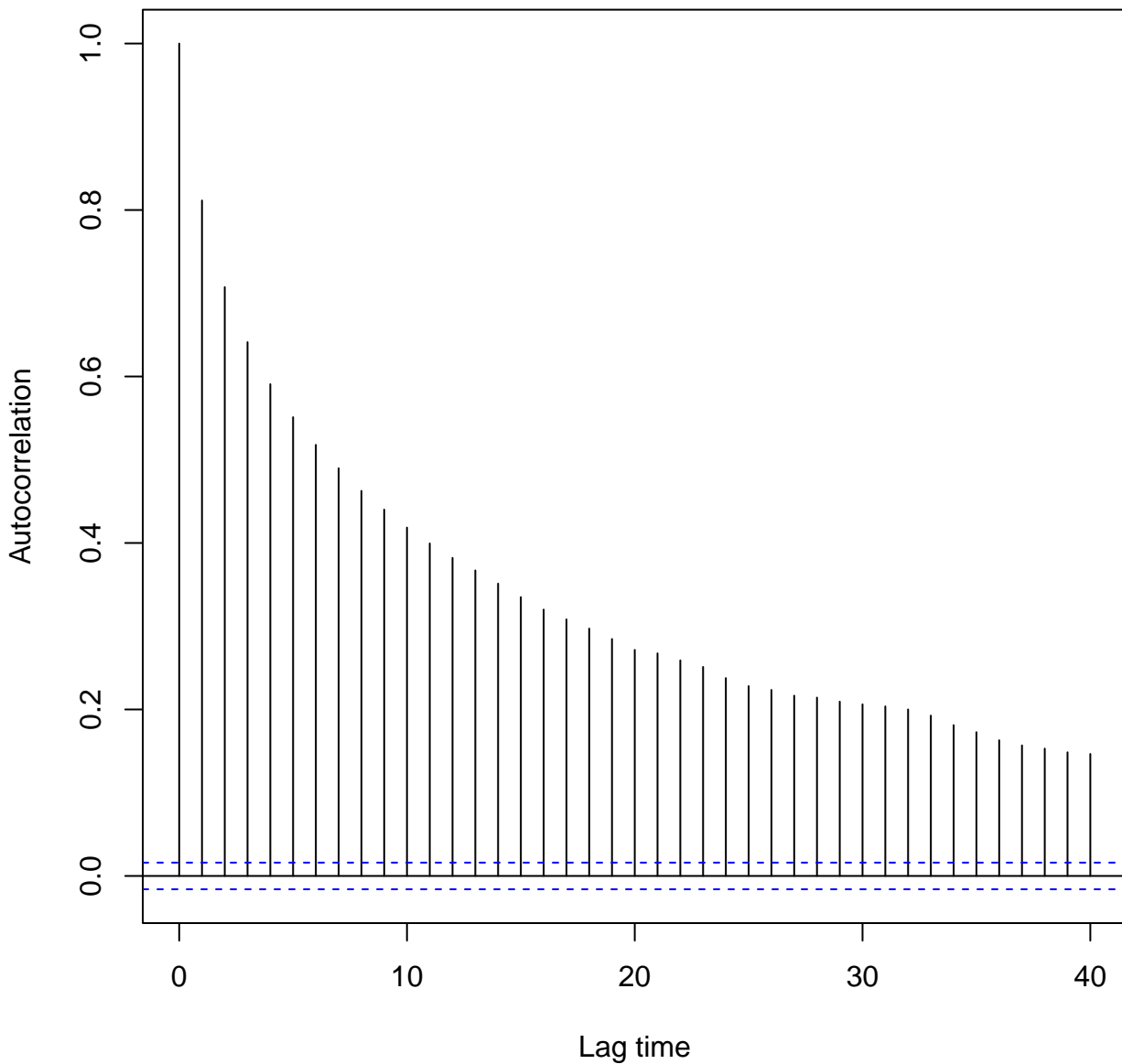
Mutation F TTC Mixture: 1



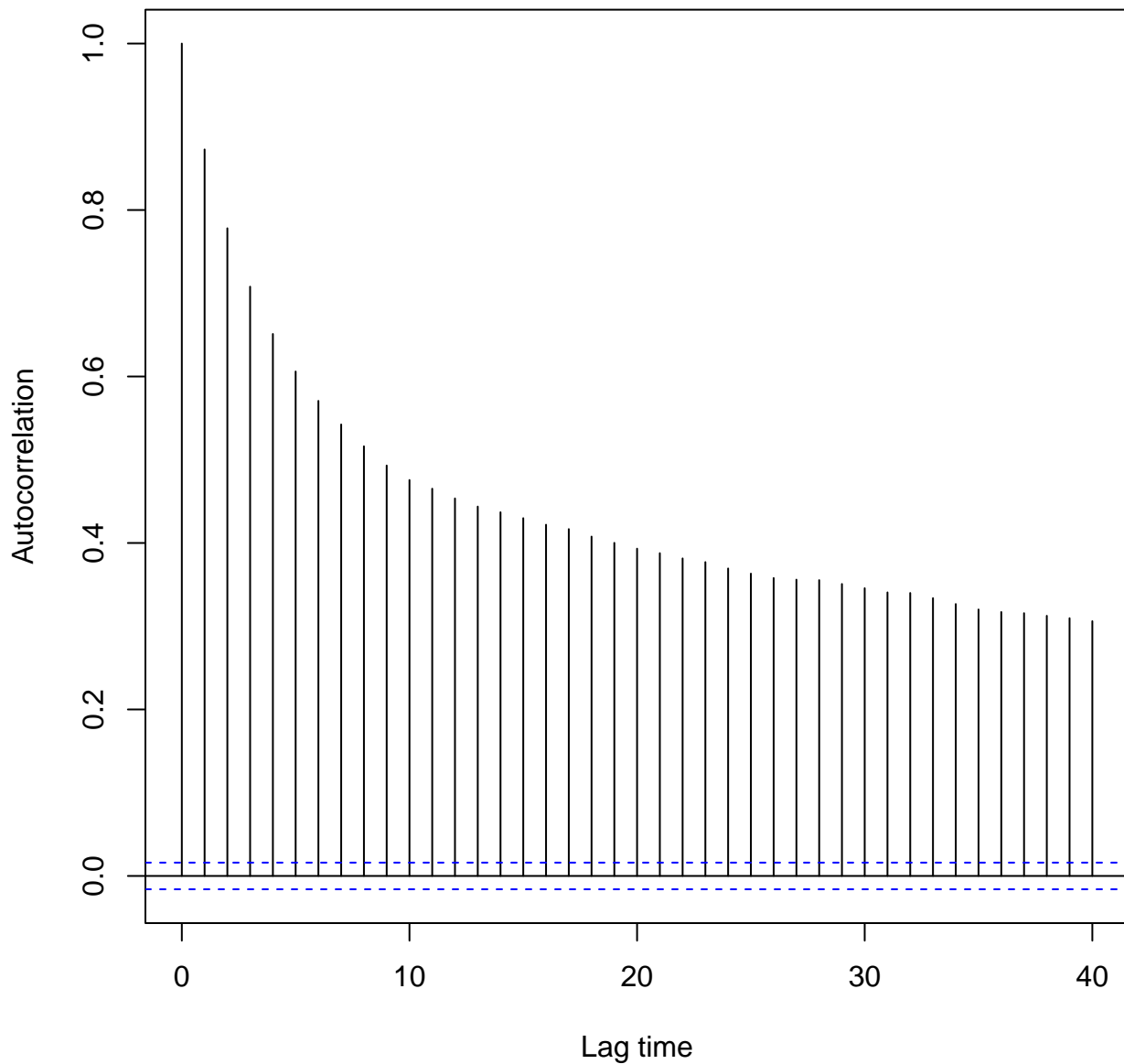
Mutation F TTC Mixture: 2



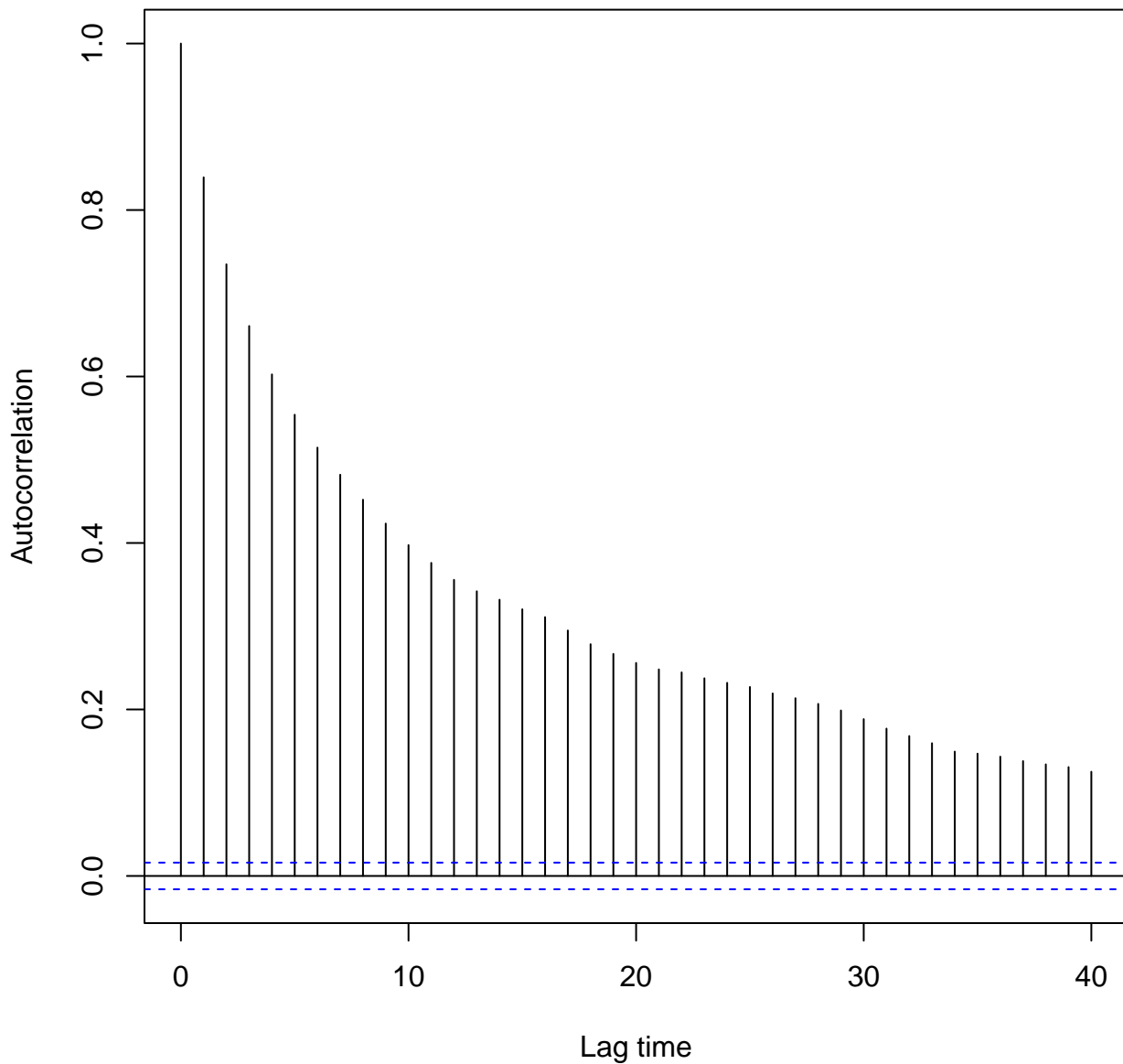
Mutation G GGA Mixture: 1



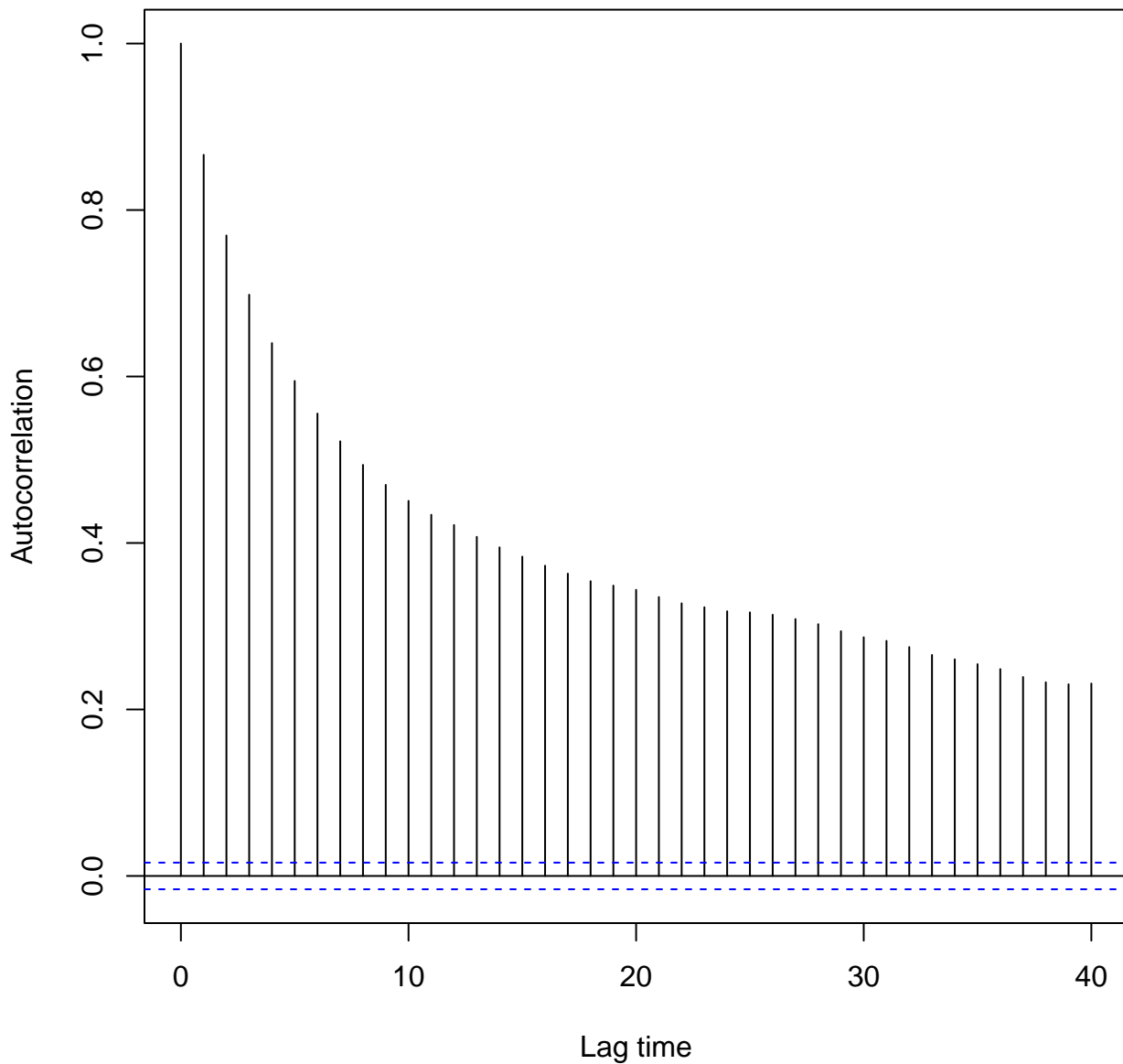
Mutation G GGA Mixture: 2



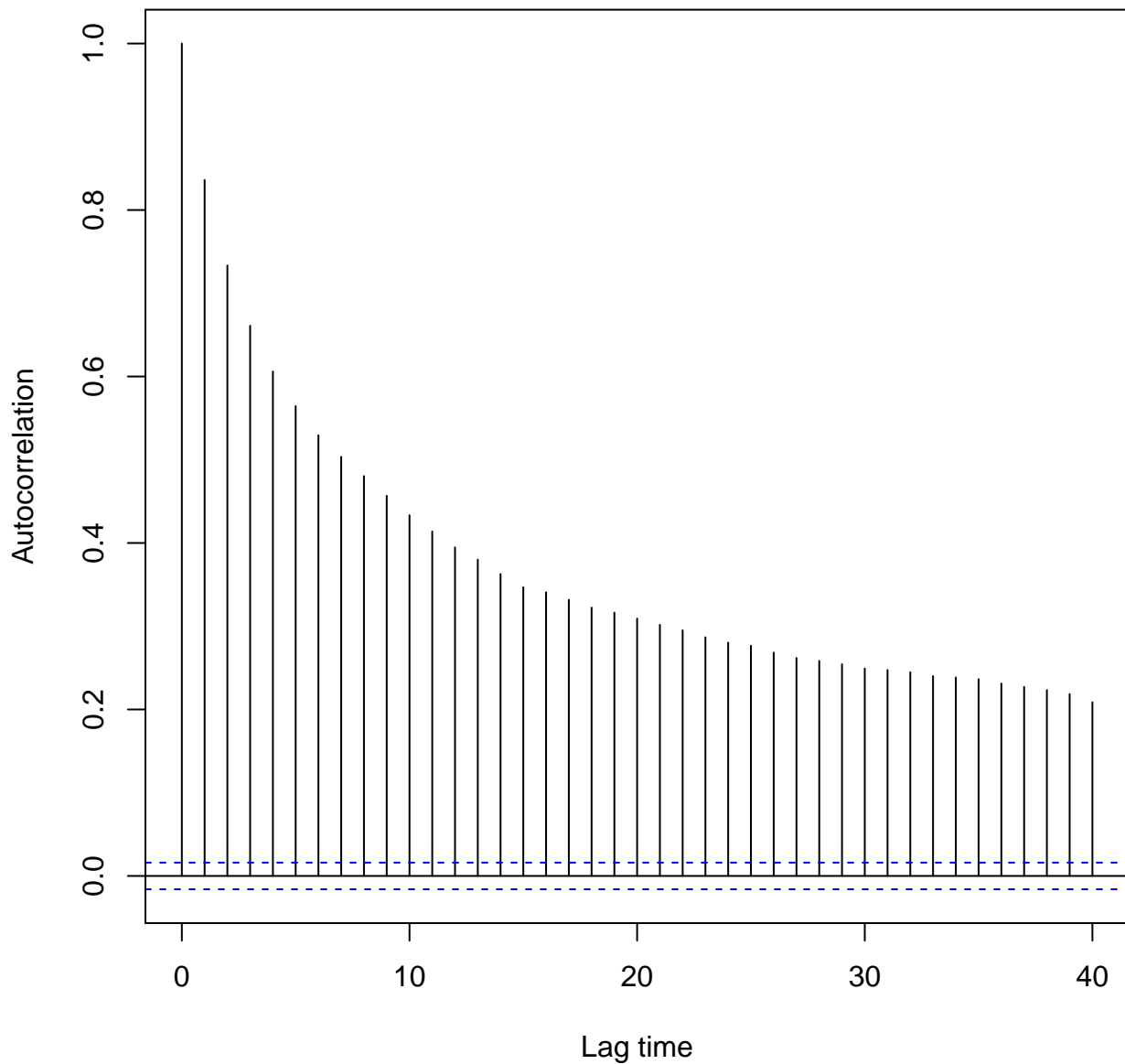
Mutation G GGC Mixture: 1



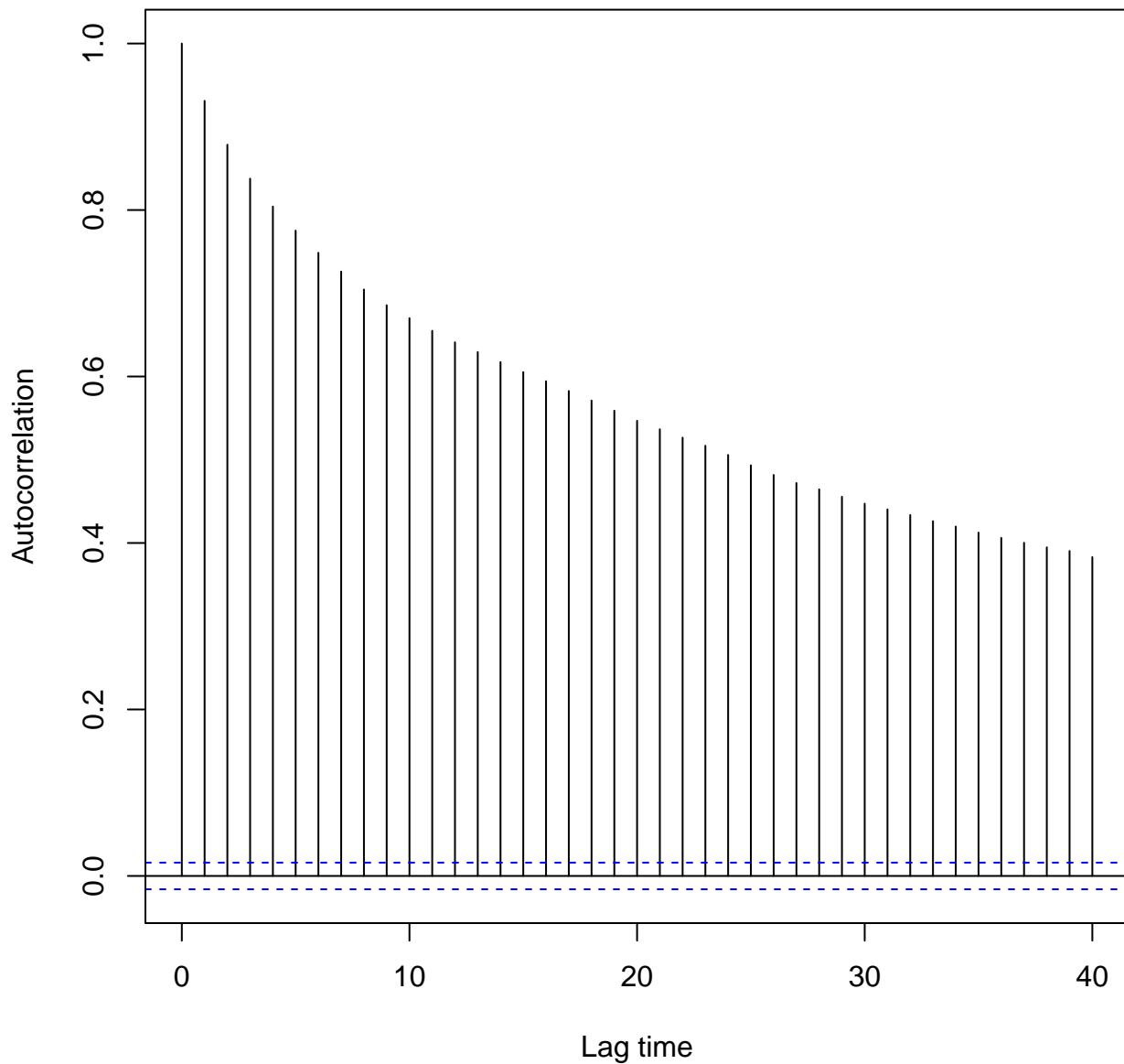
Mutation G GGC Mixture: 2



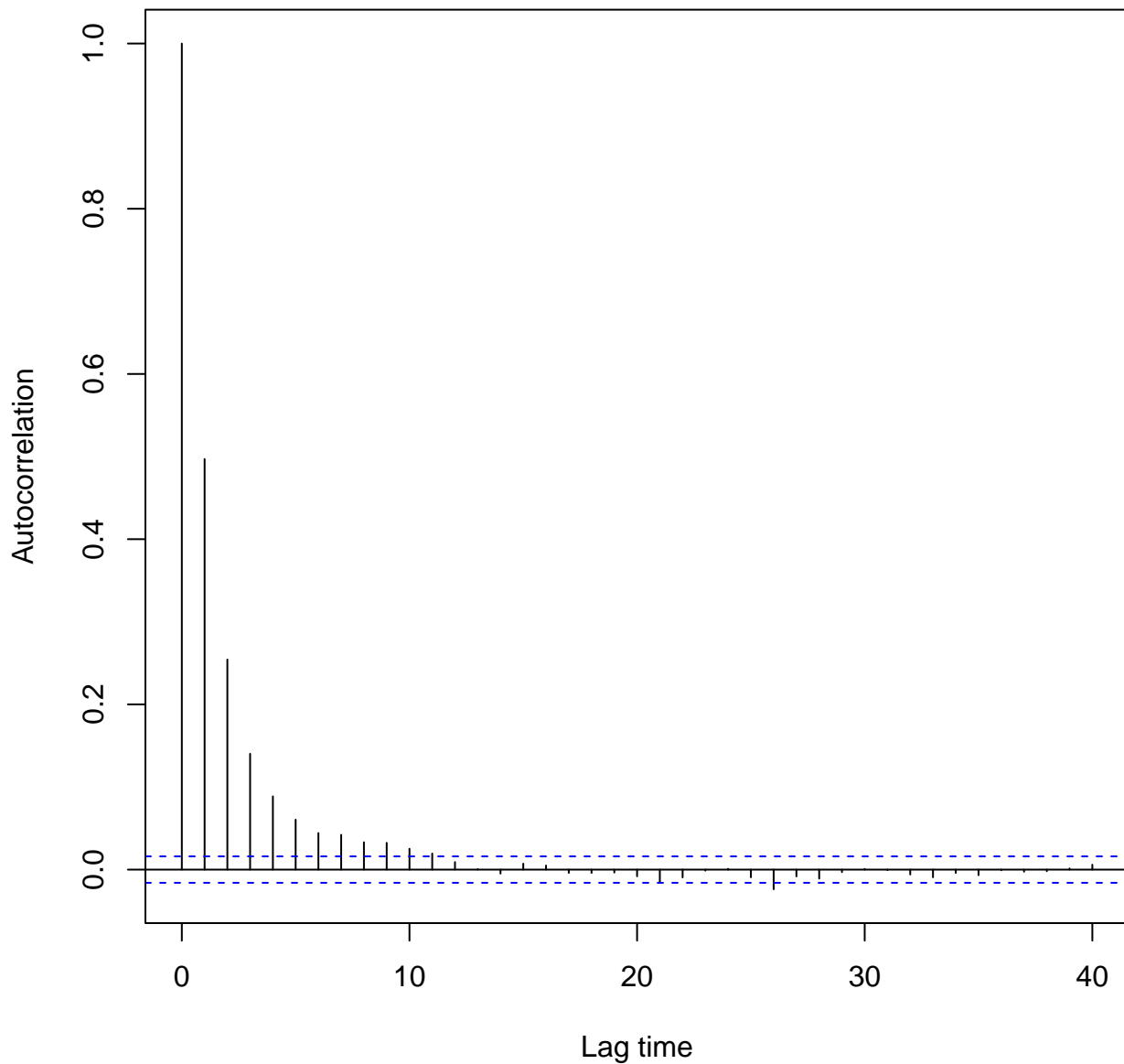
Mutation G GGG Mixture: 1



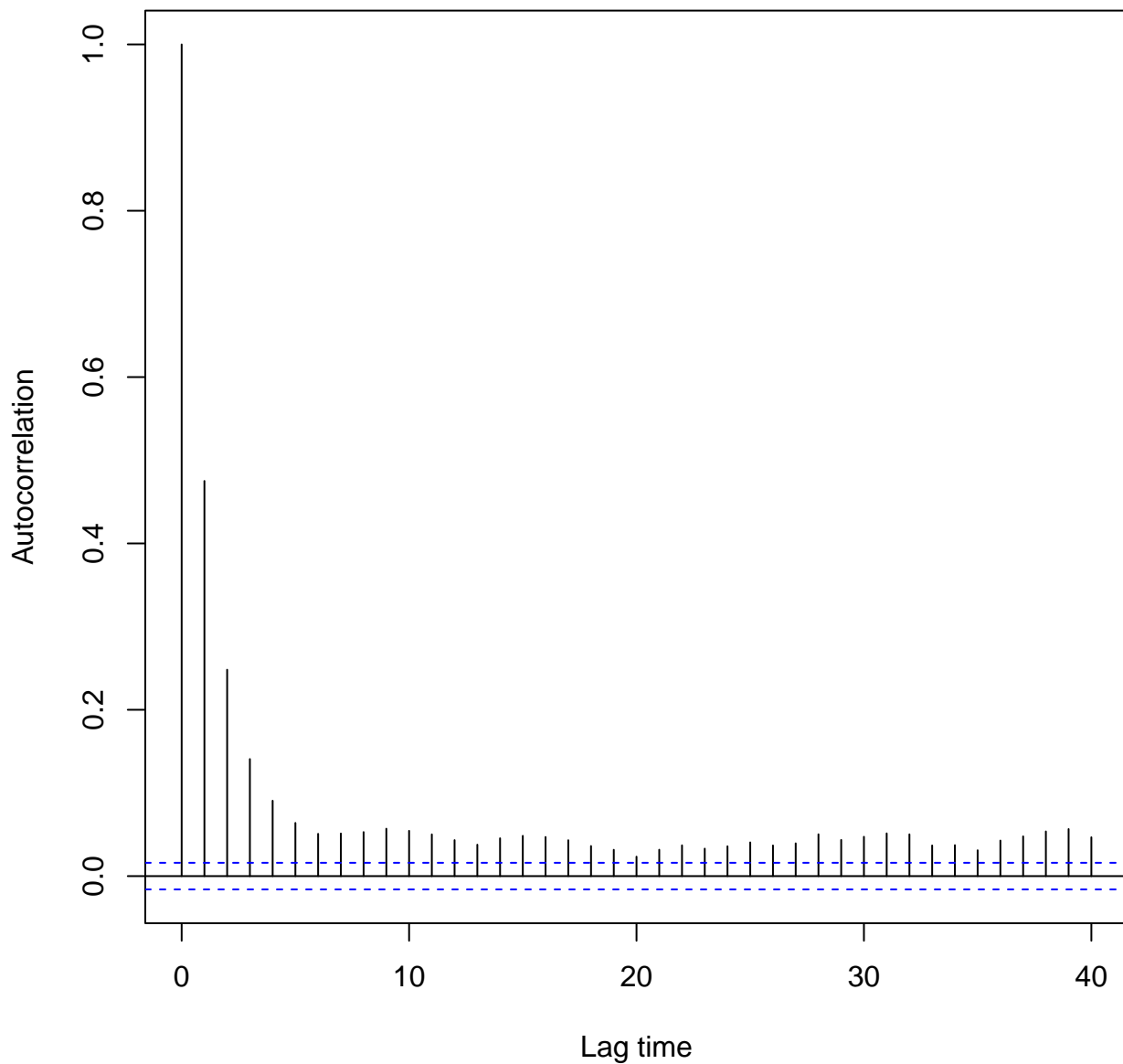
Mutation G GGG Mixture: 2



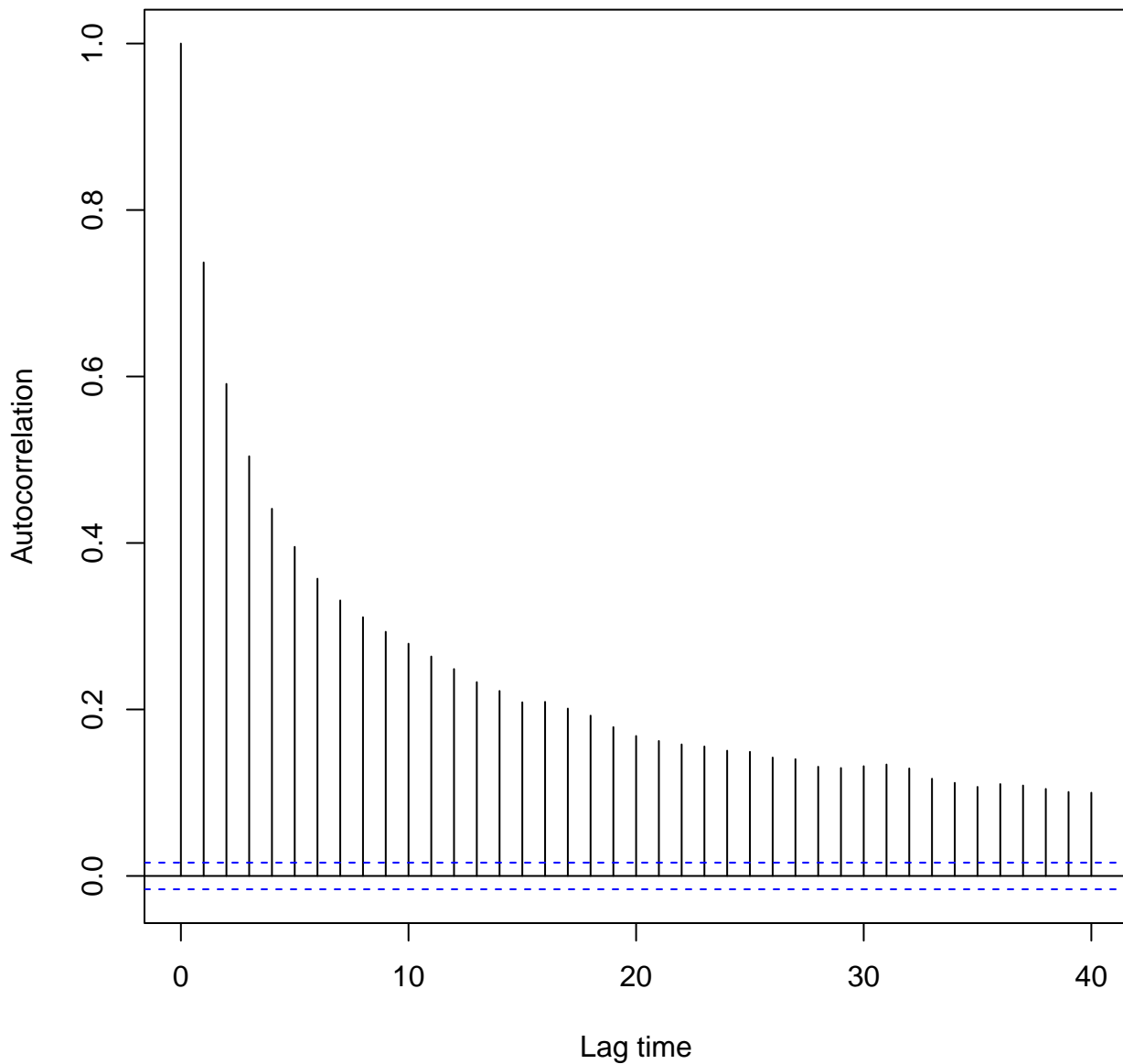
Mutation H CAC Mixture: 1



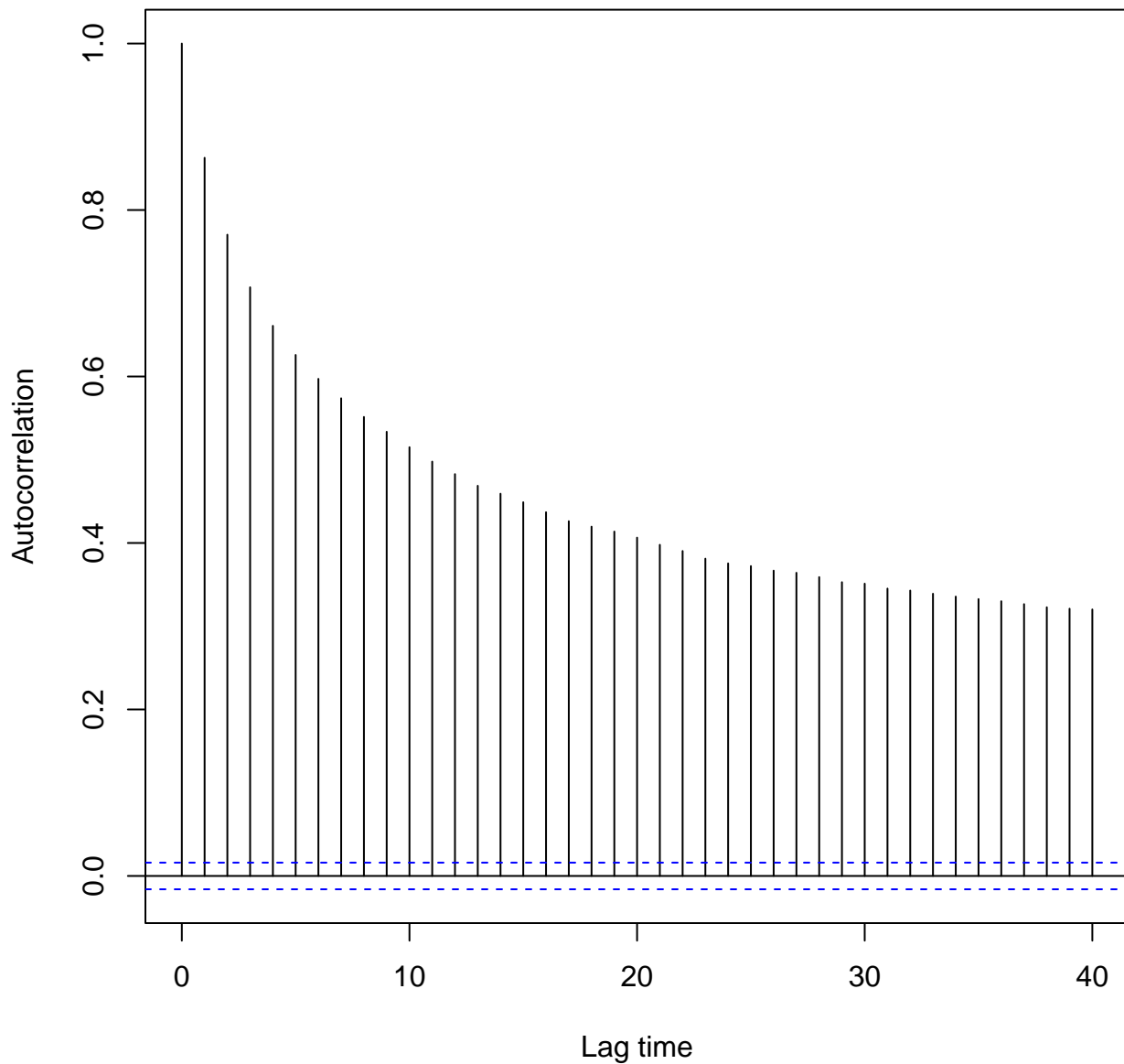
Mutation H CAC Mixture: 2



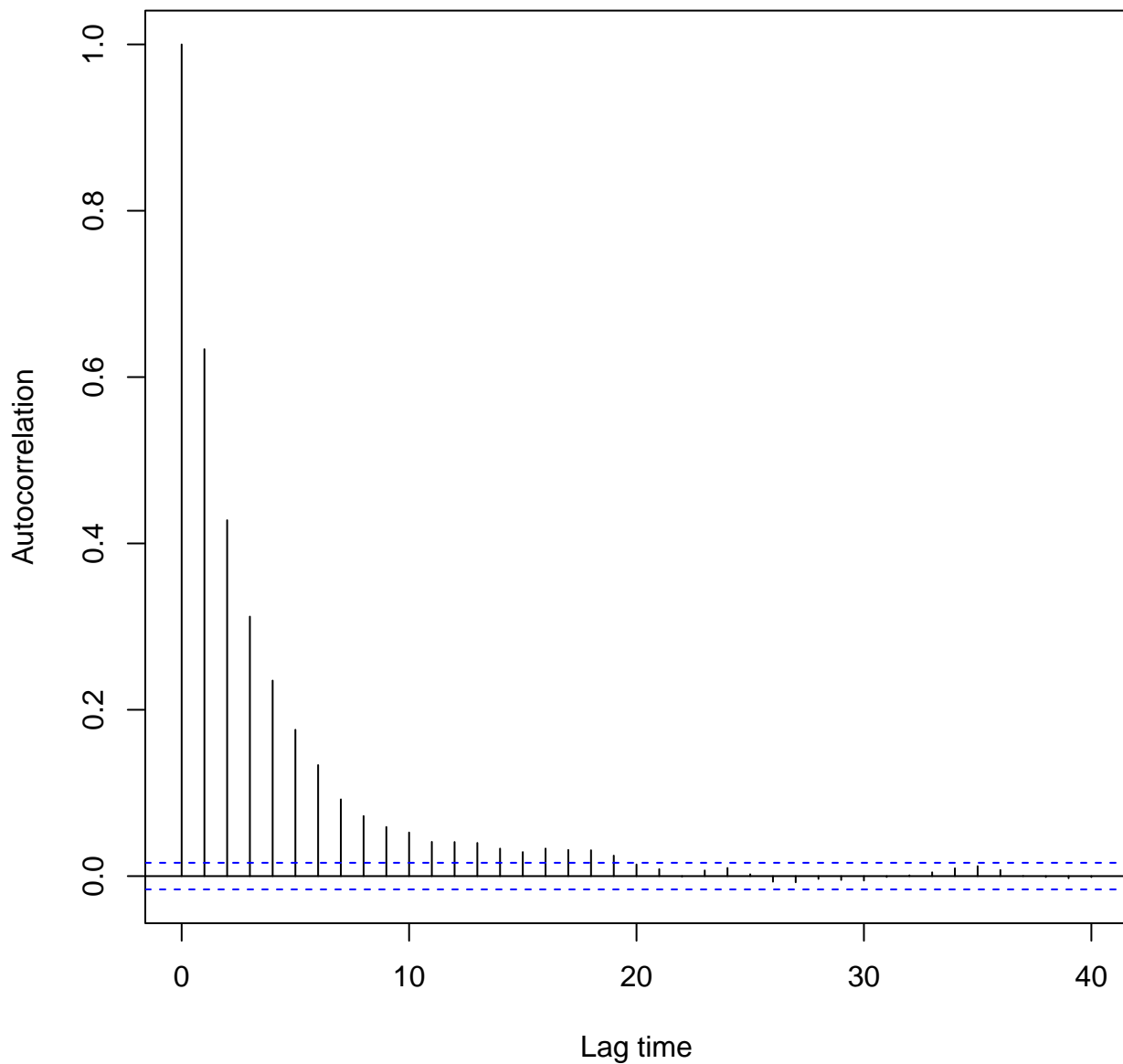
Mutation I ATA Mixture: 1



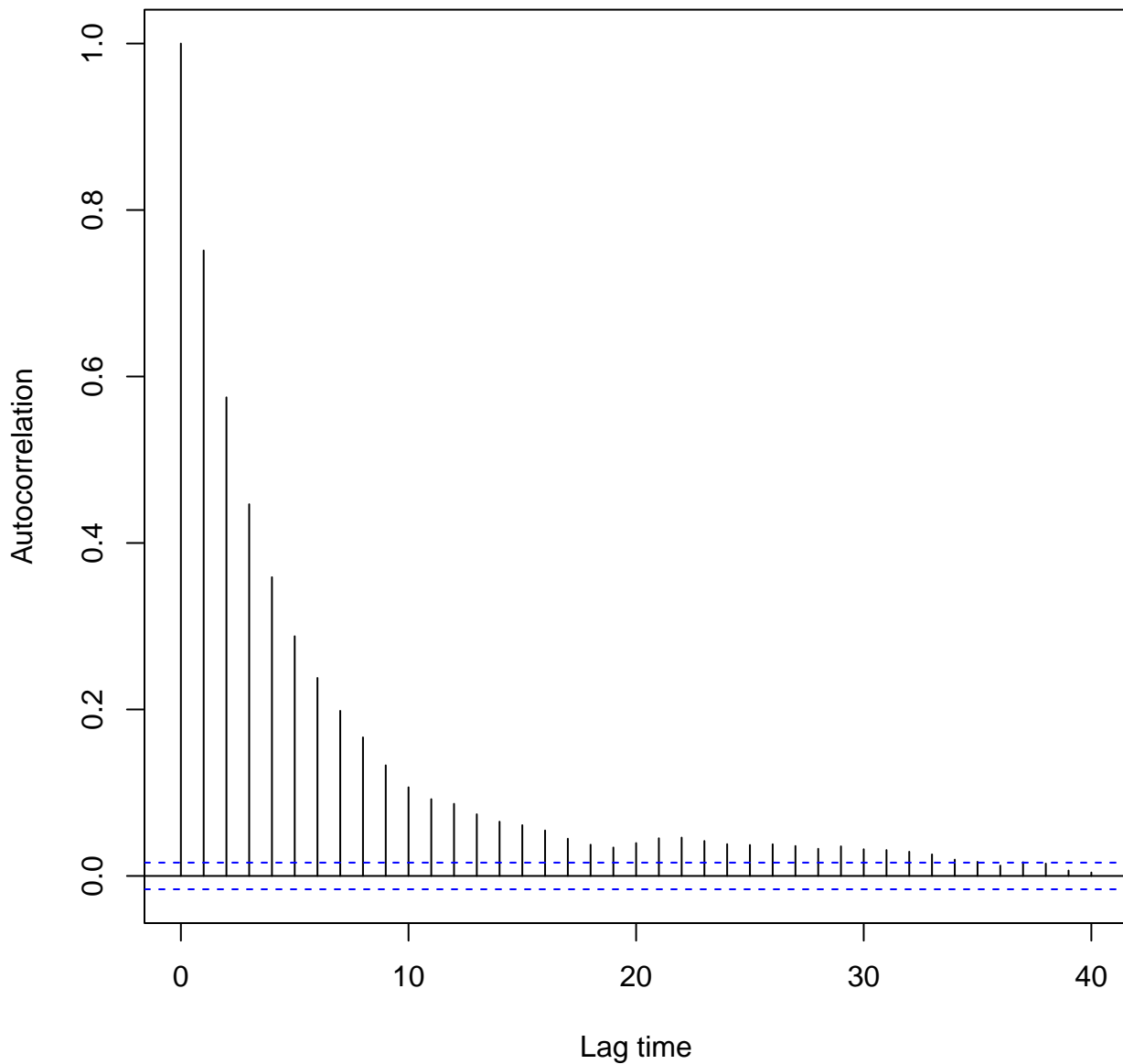
Mutation I ATA Mixture: 2



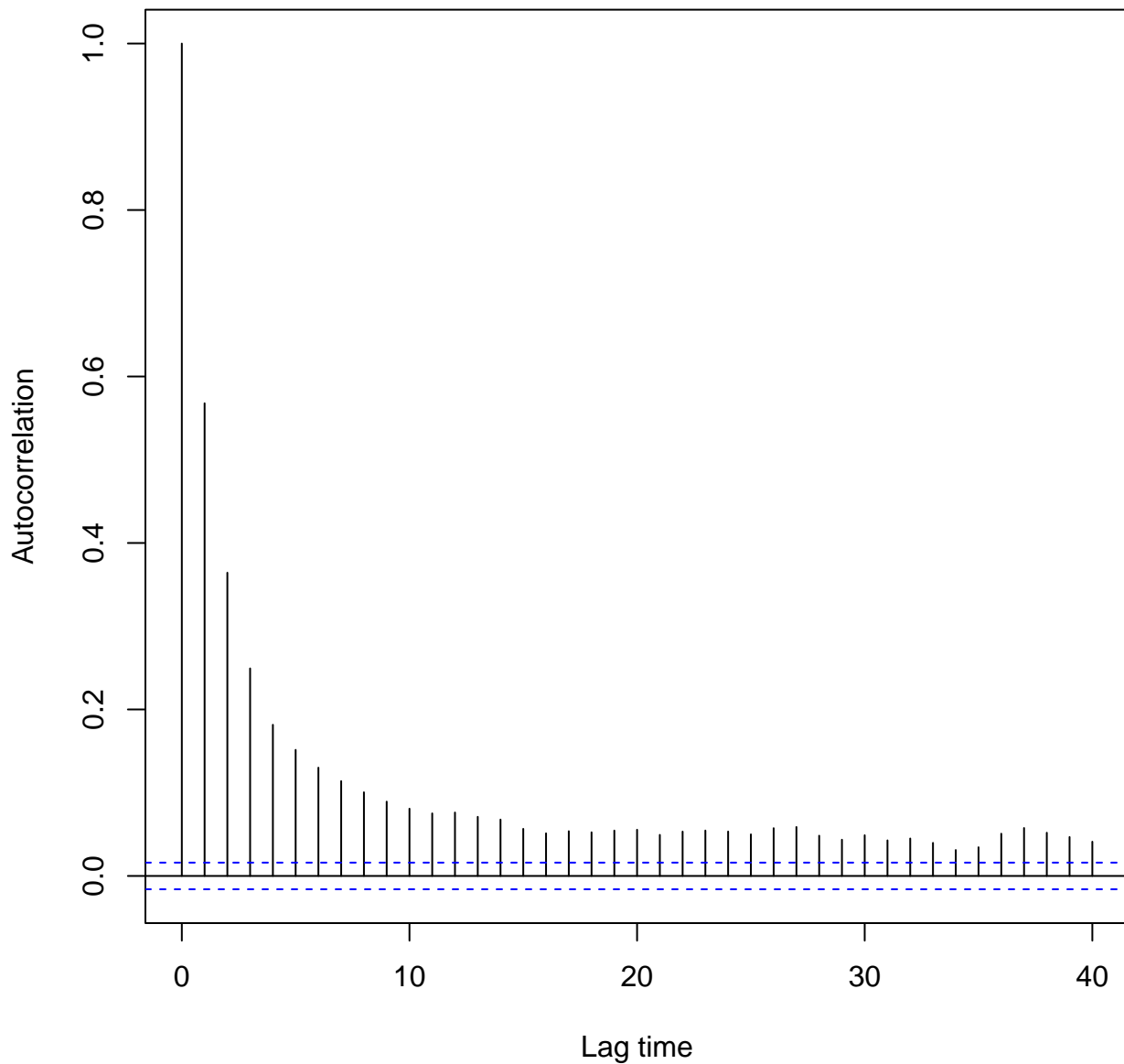
Mutation I ATC Mixture: 1



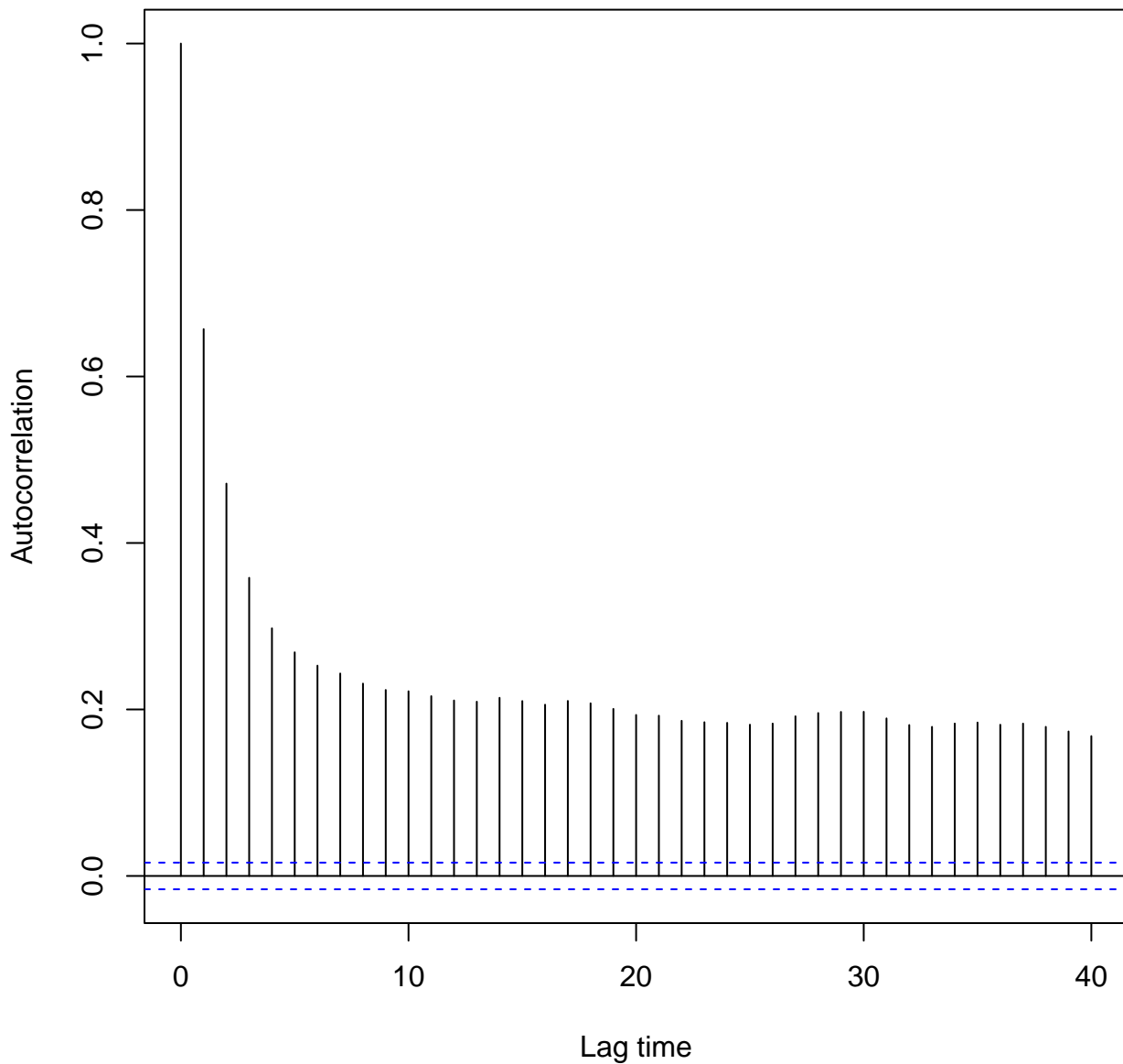
Mutation I ATC Mixture: 2



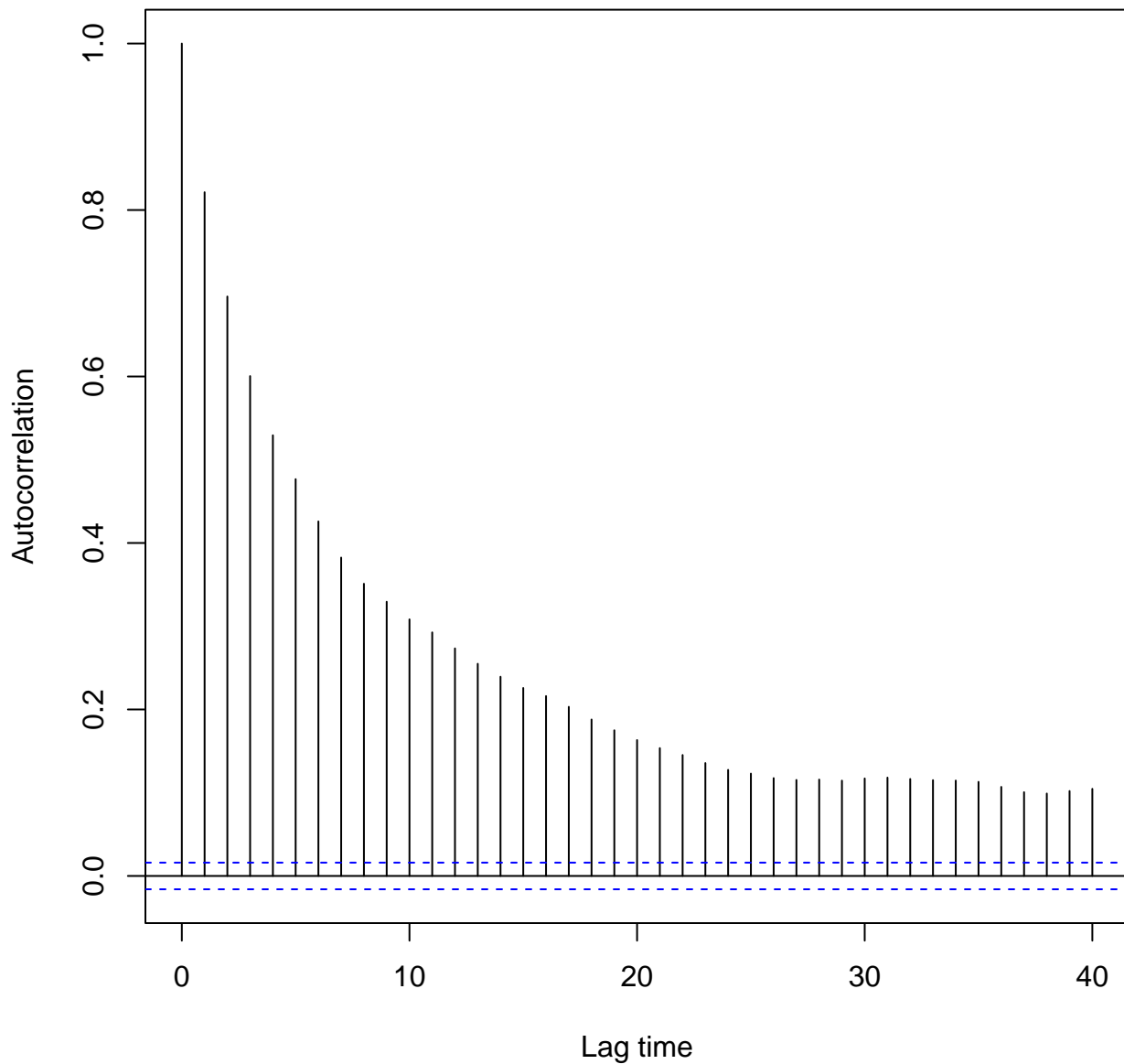
Mutation K AAA Mixture: 1



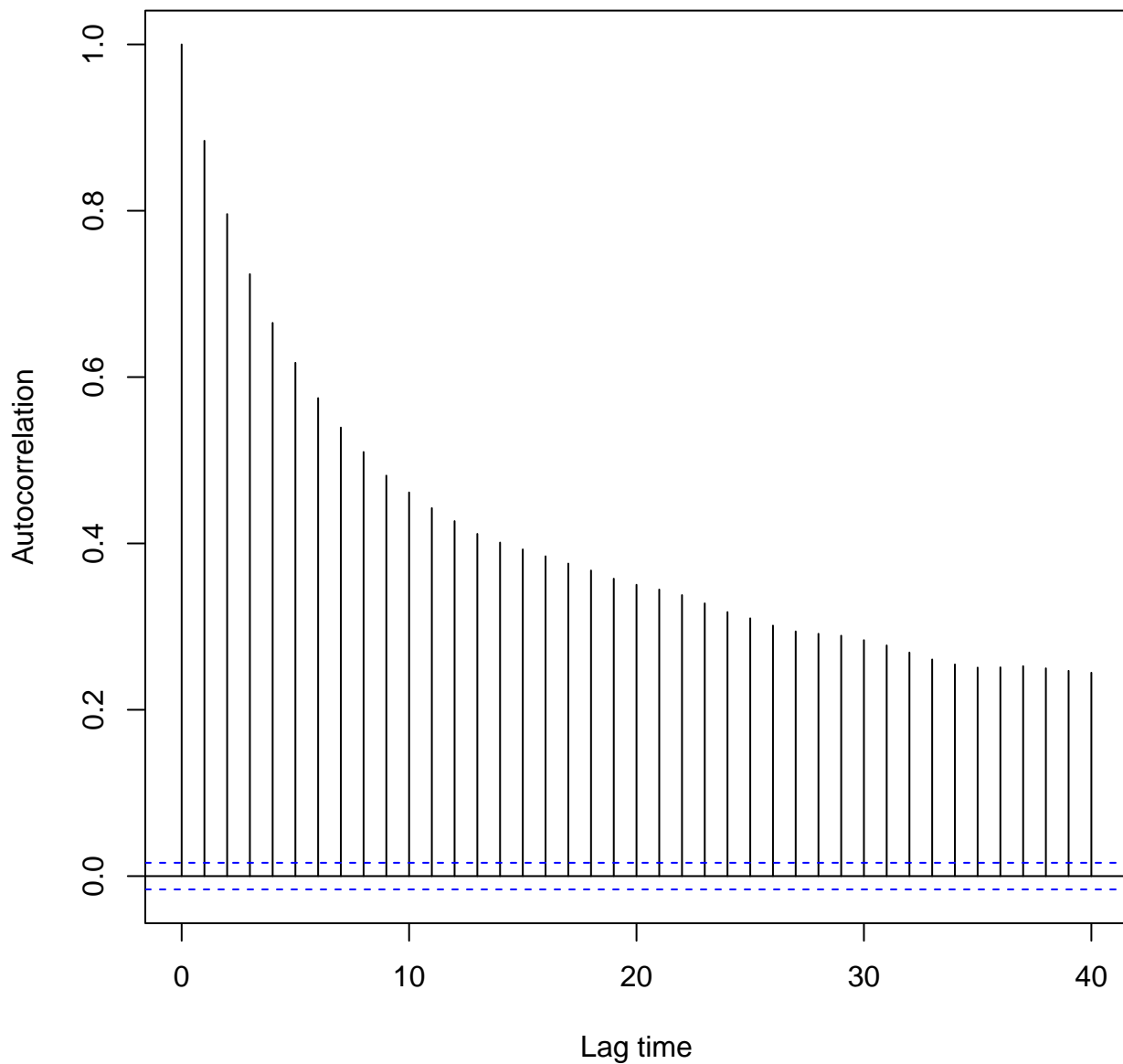
Mutation K AAA Mixture: 2



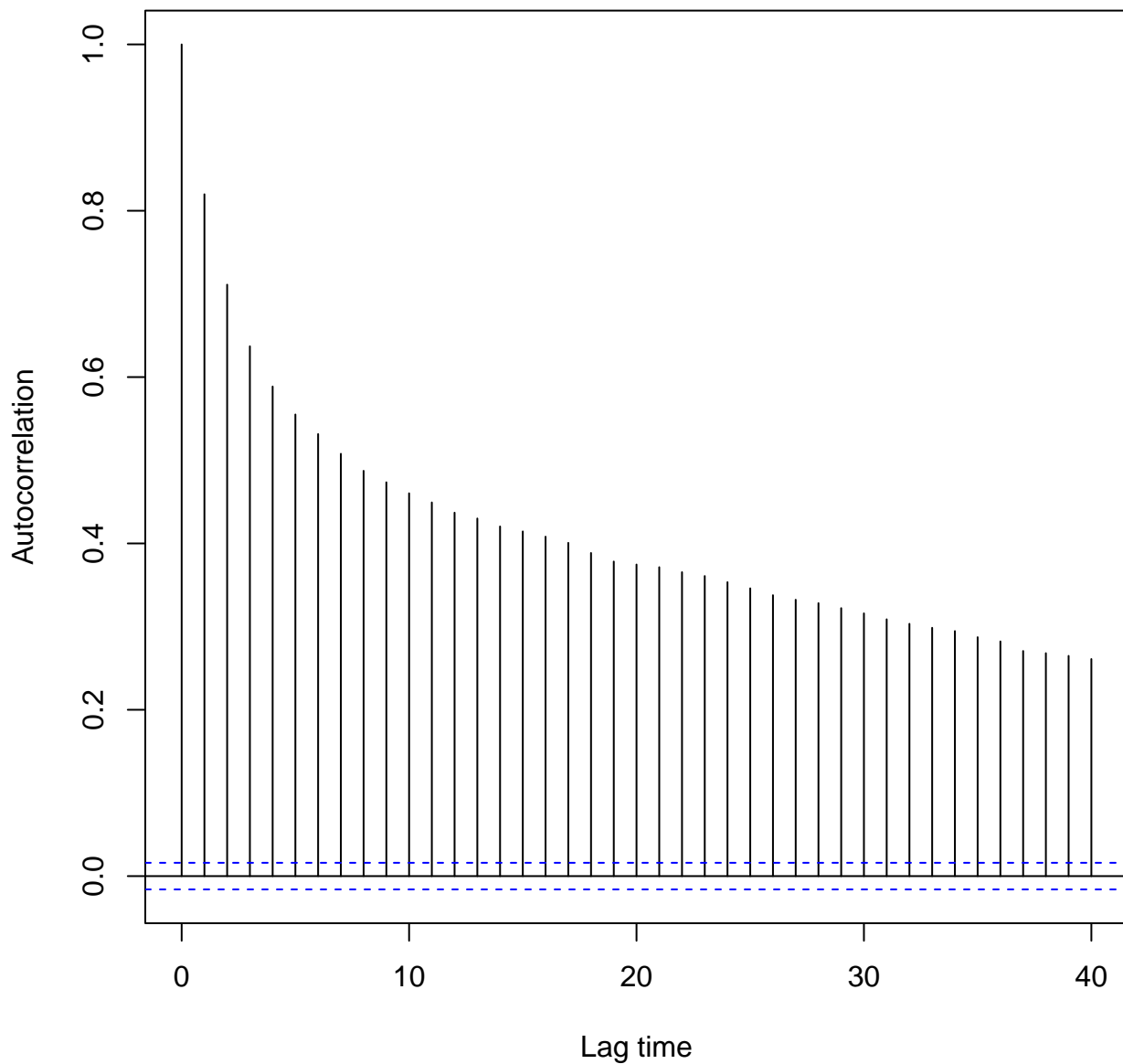
Mutation L CTA Mixture: 1



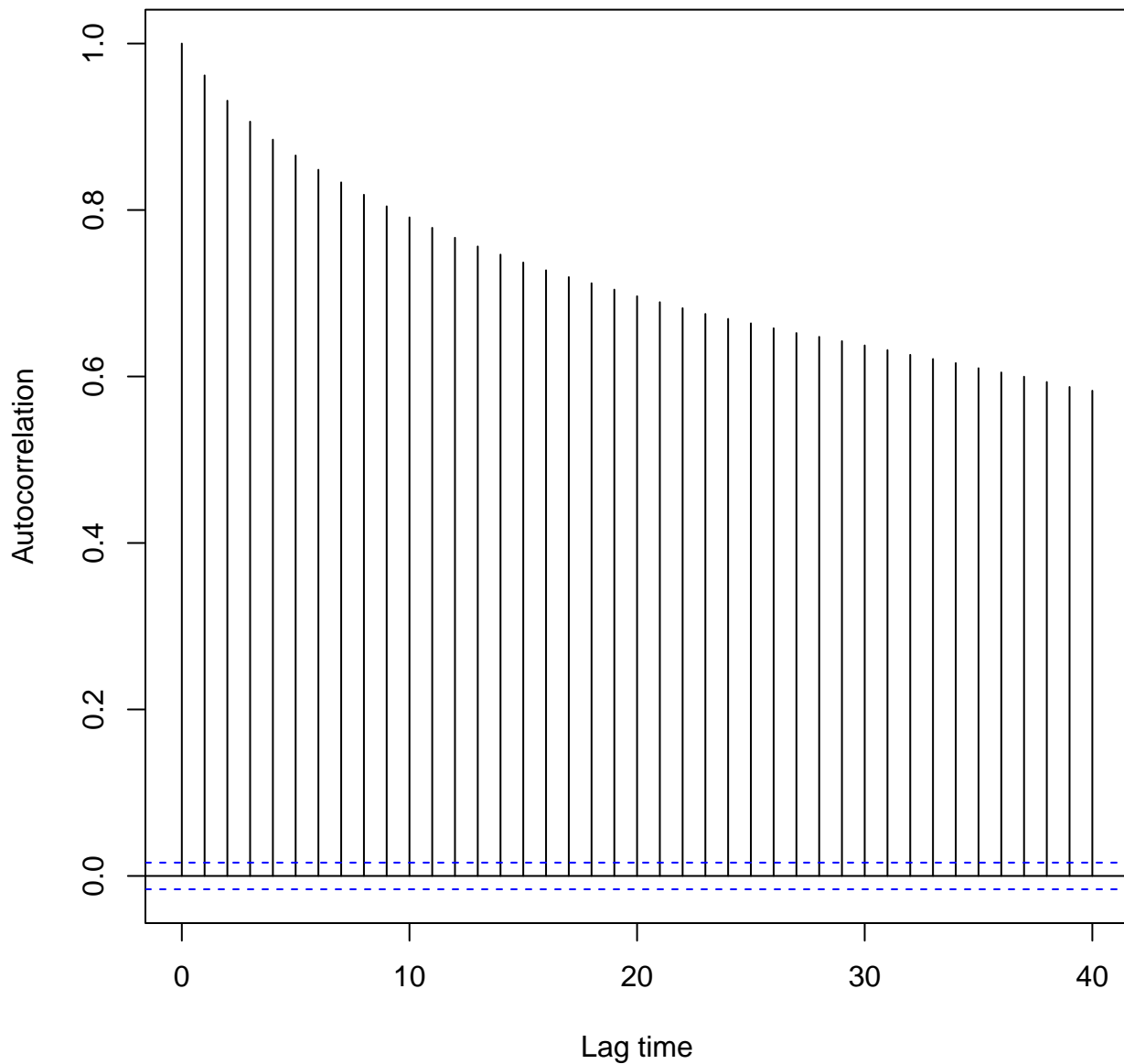
Mutation L CTA Mixture: 2



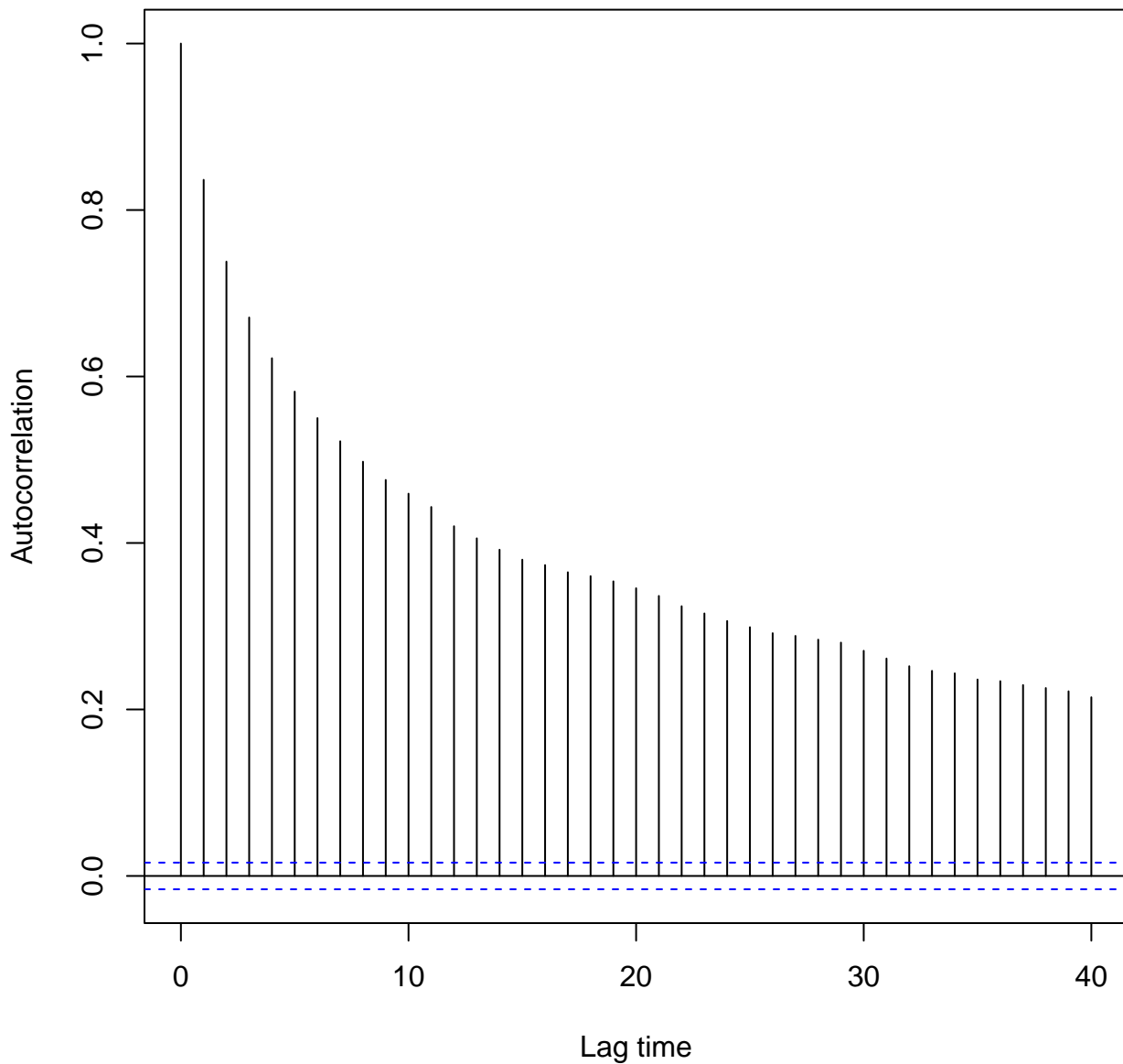
Mutation L CTC Mixture: 1



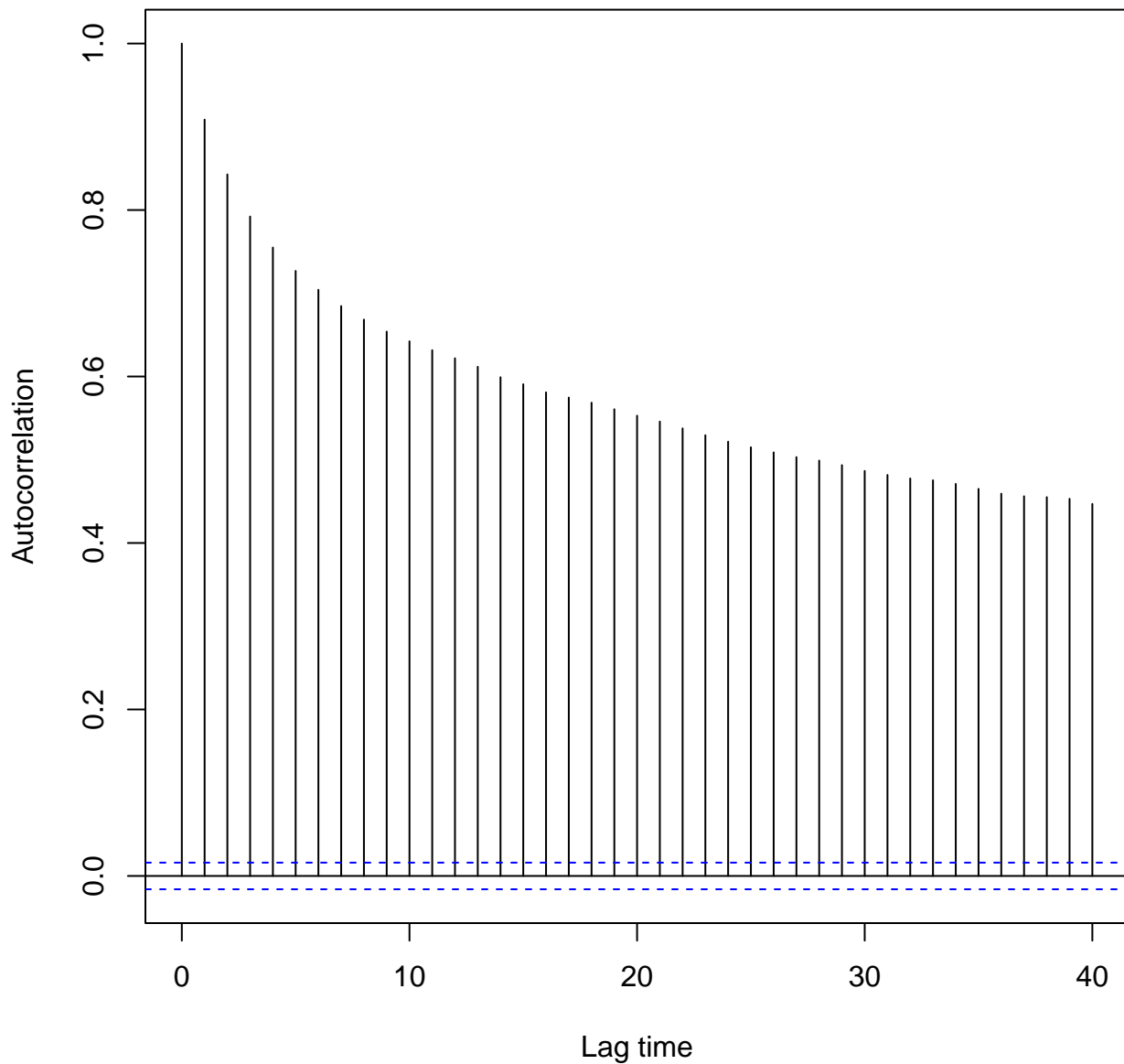
Mutation L CTC Mixture: 2



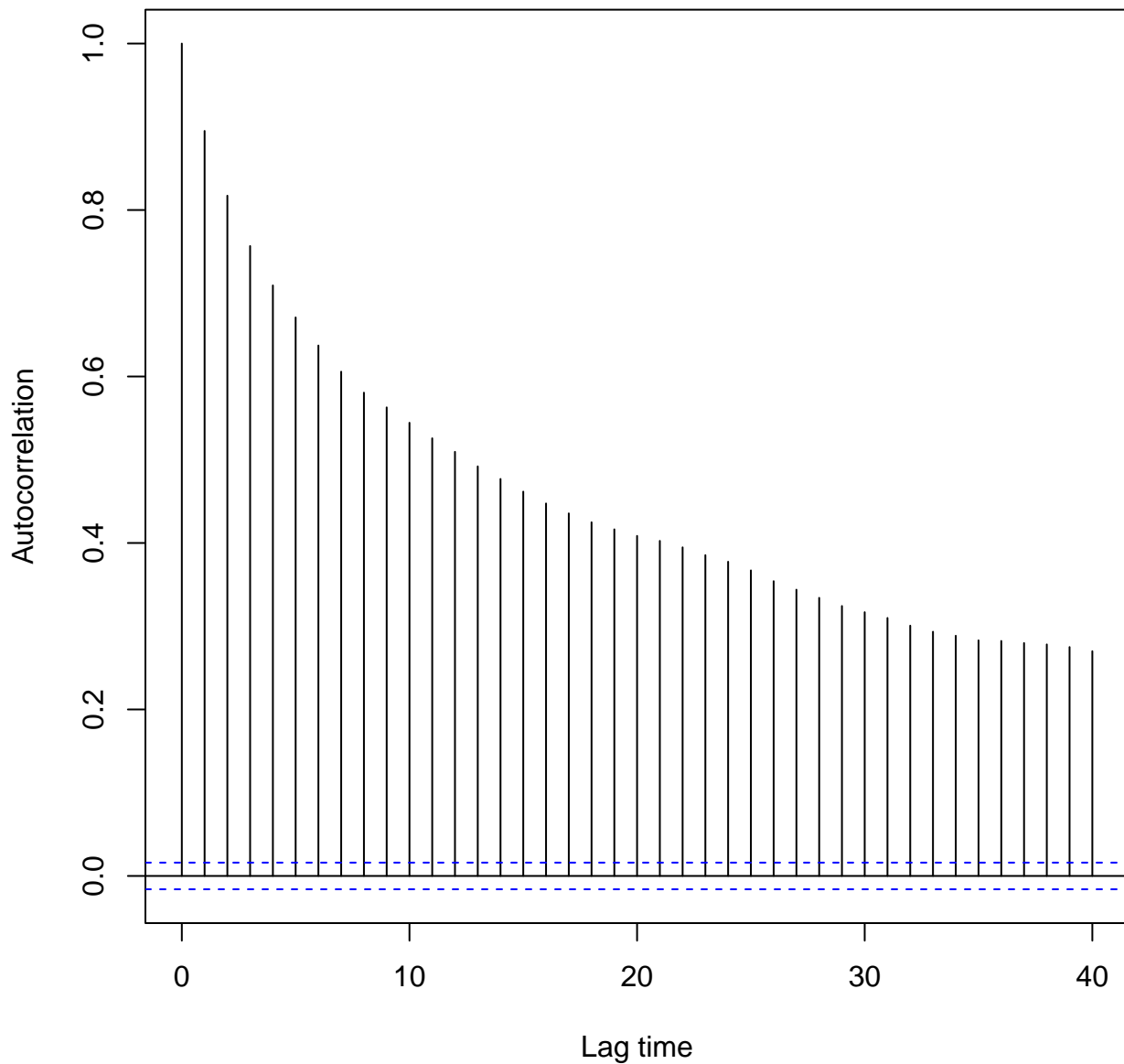
Mutation L CTG Mixture: 1



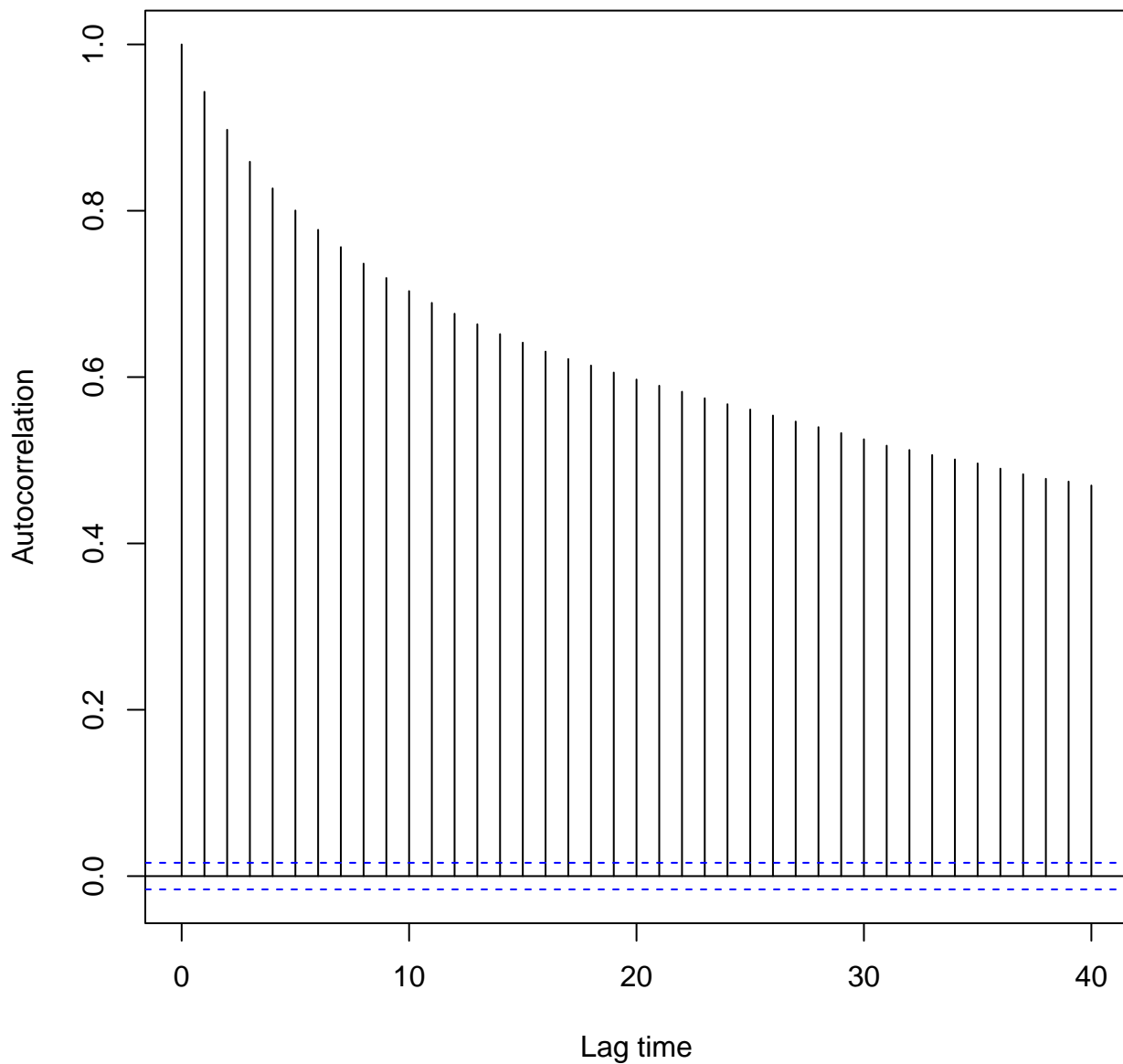
Mutation L CTG Mixture: 2



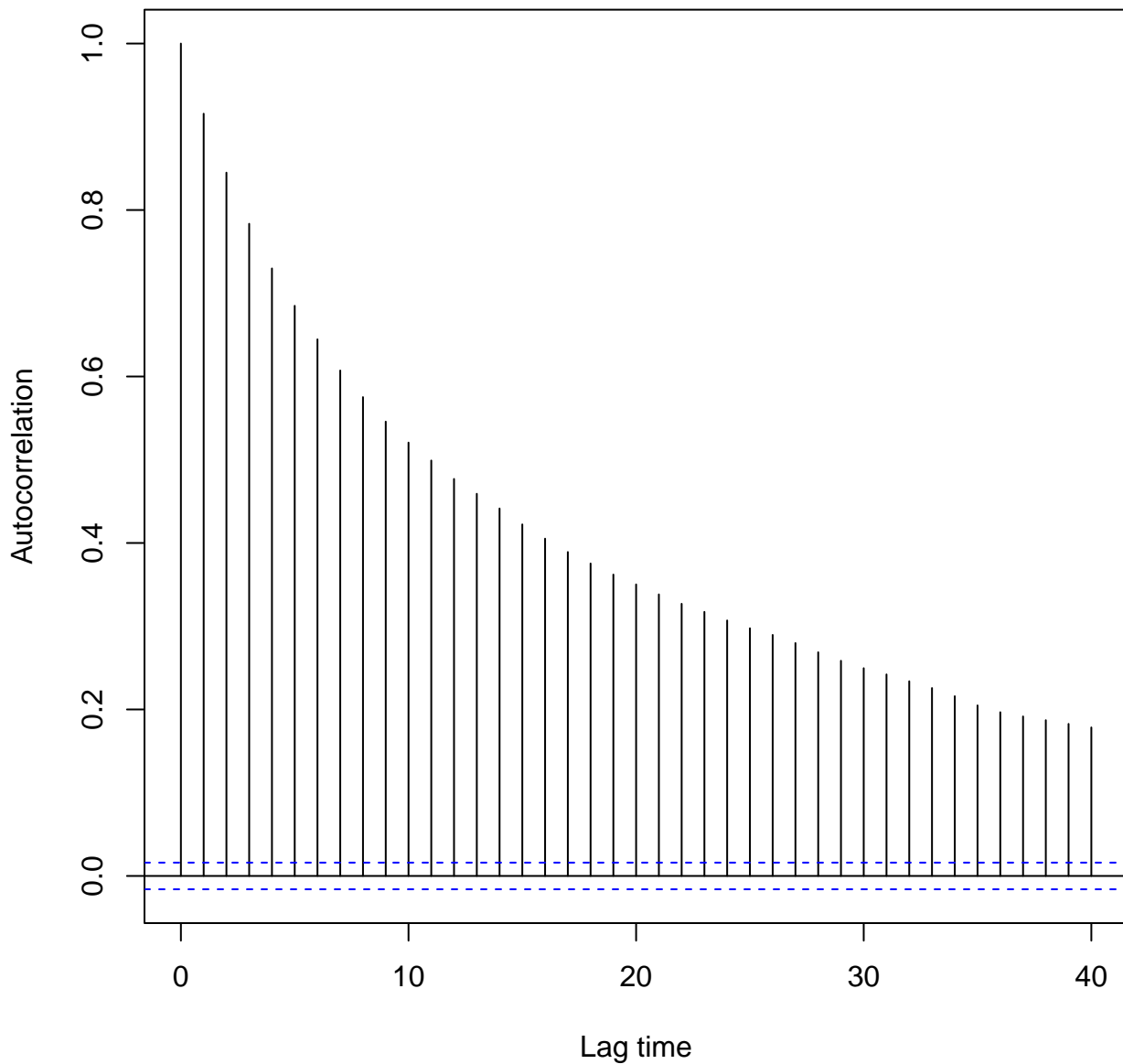
Mutation L CTT Mixture: 1



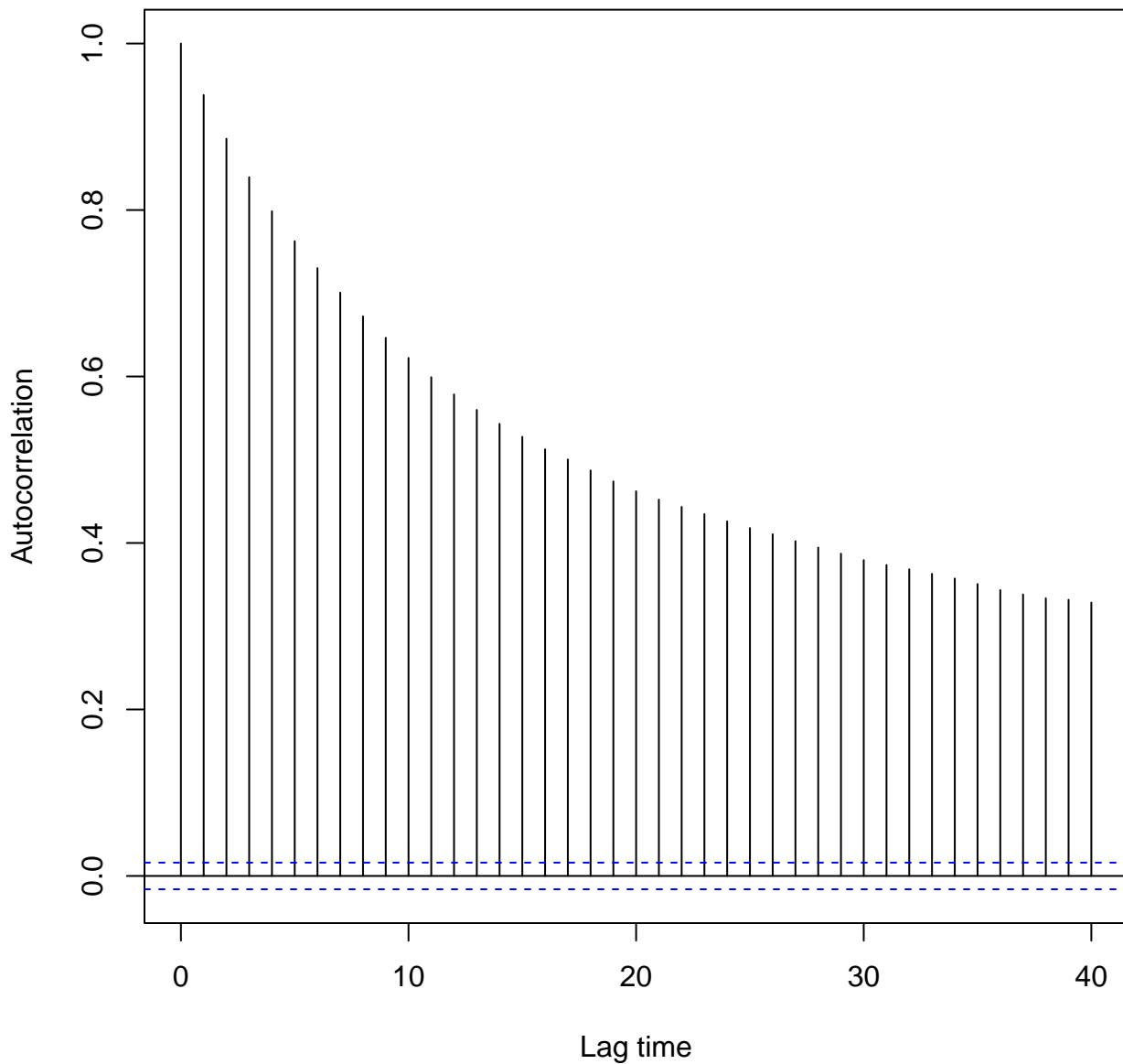
Mutation L CTT Mixture: 2



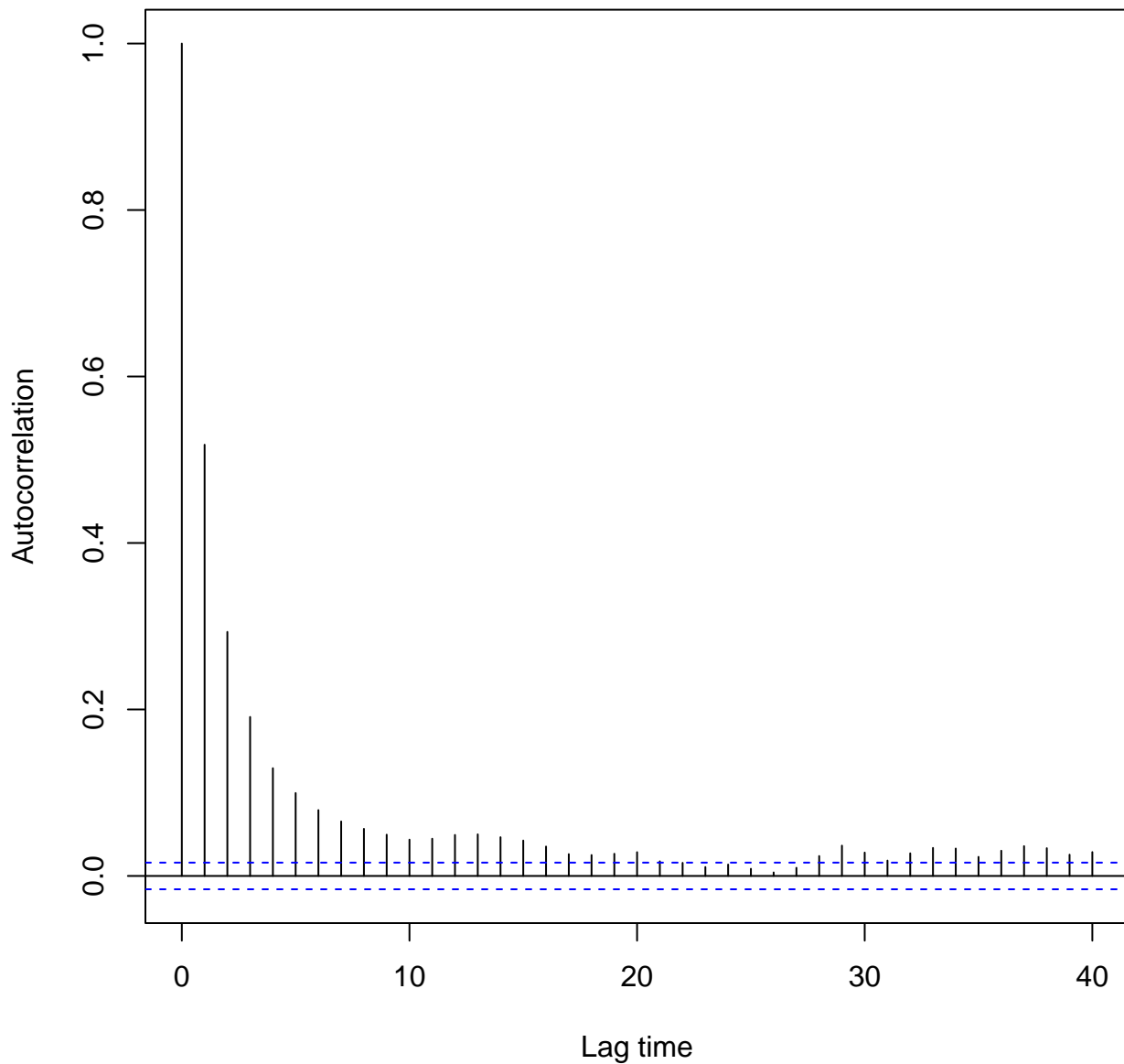
Mutation L TTA Mixture: 1



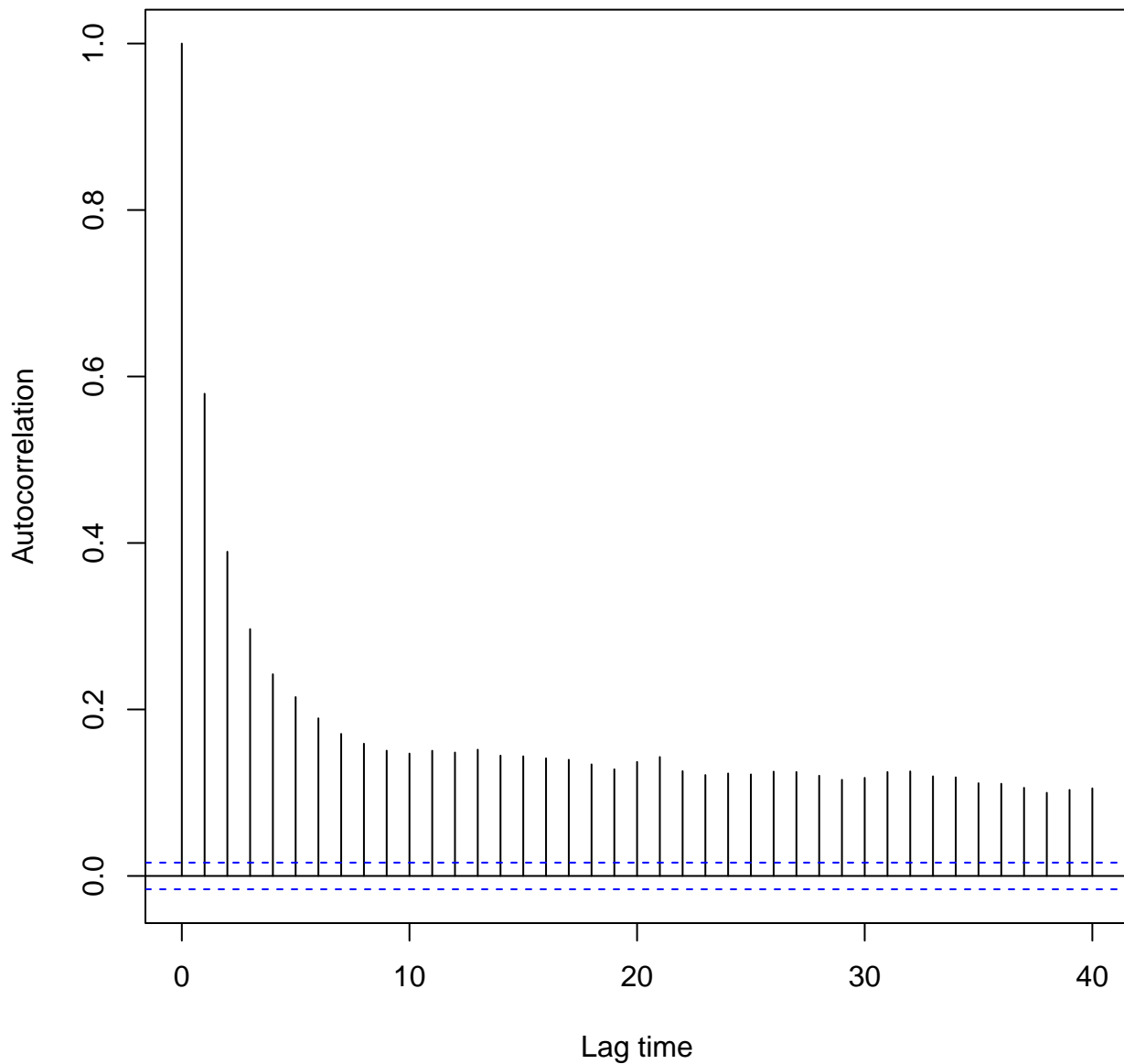
Mutation L TTA Mixture: 2



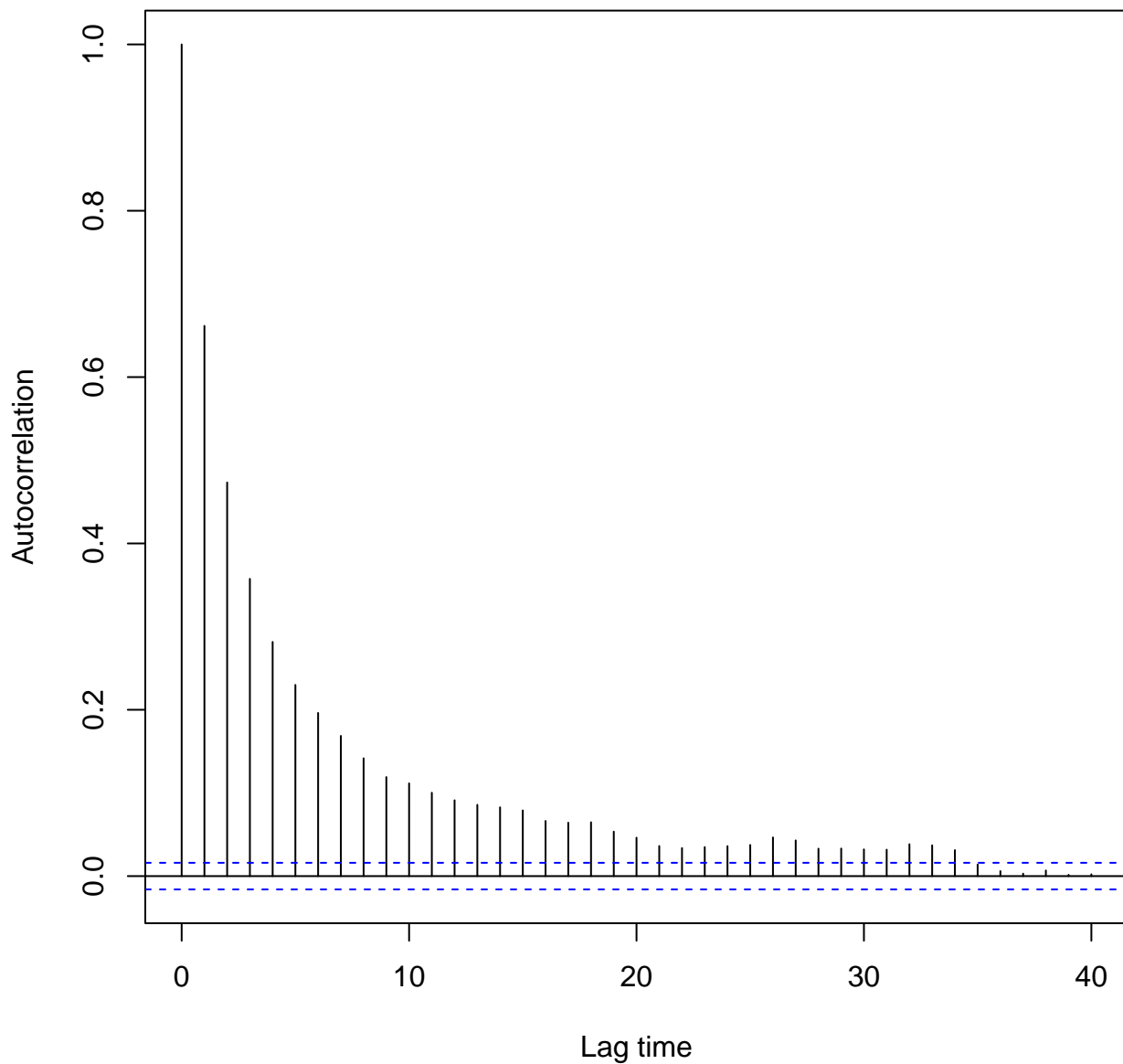
Mutation N AAC Mixture: 1



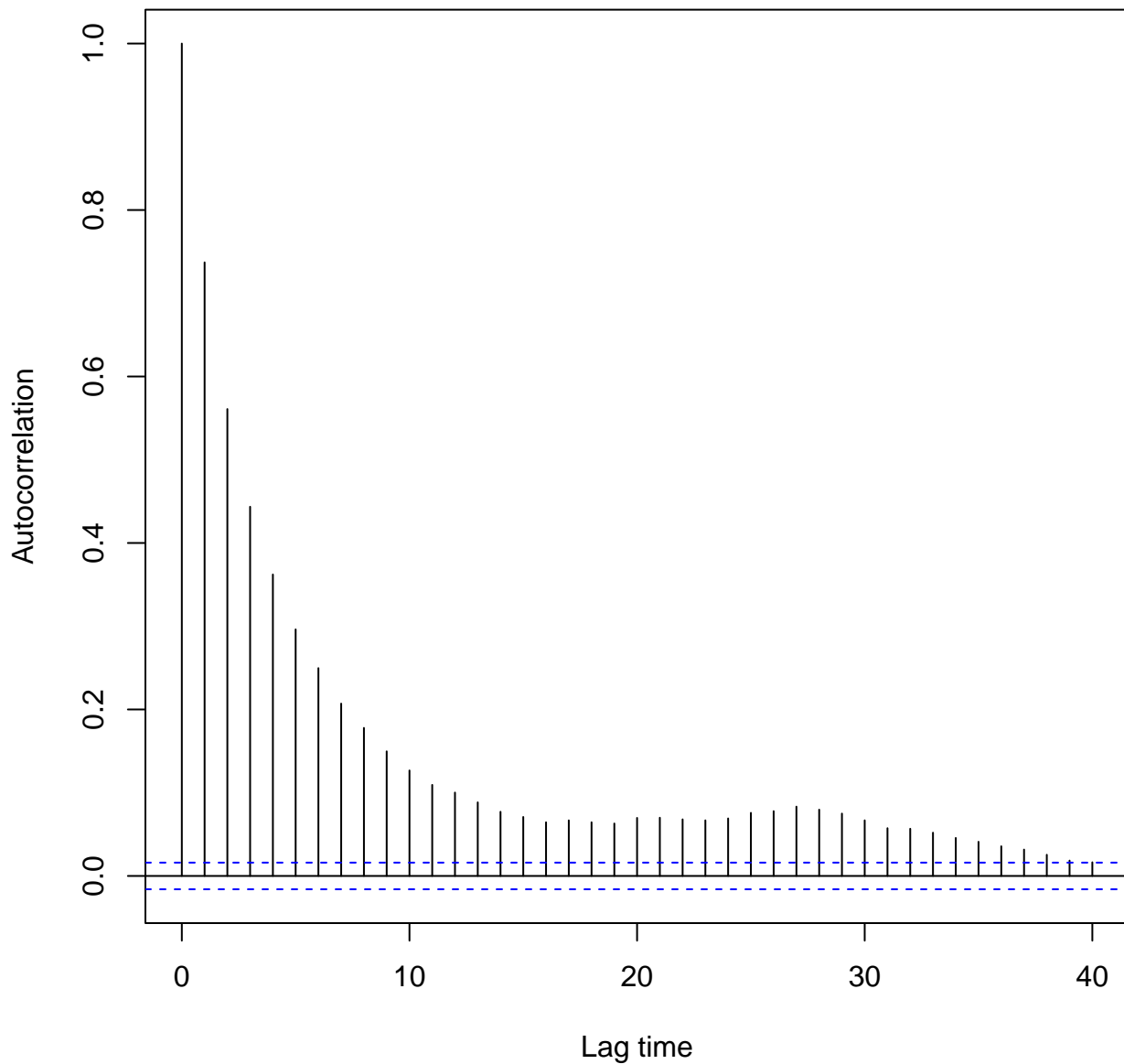
Mutation N AAC Mixture: 2



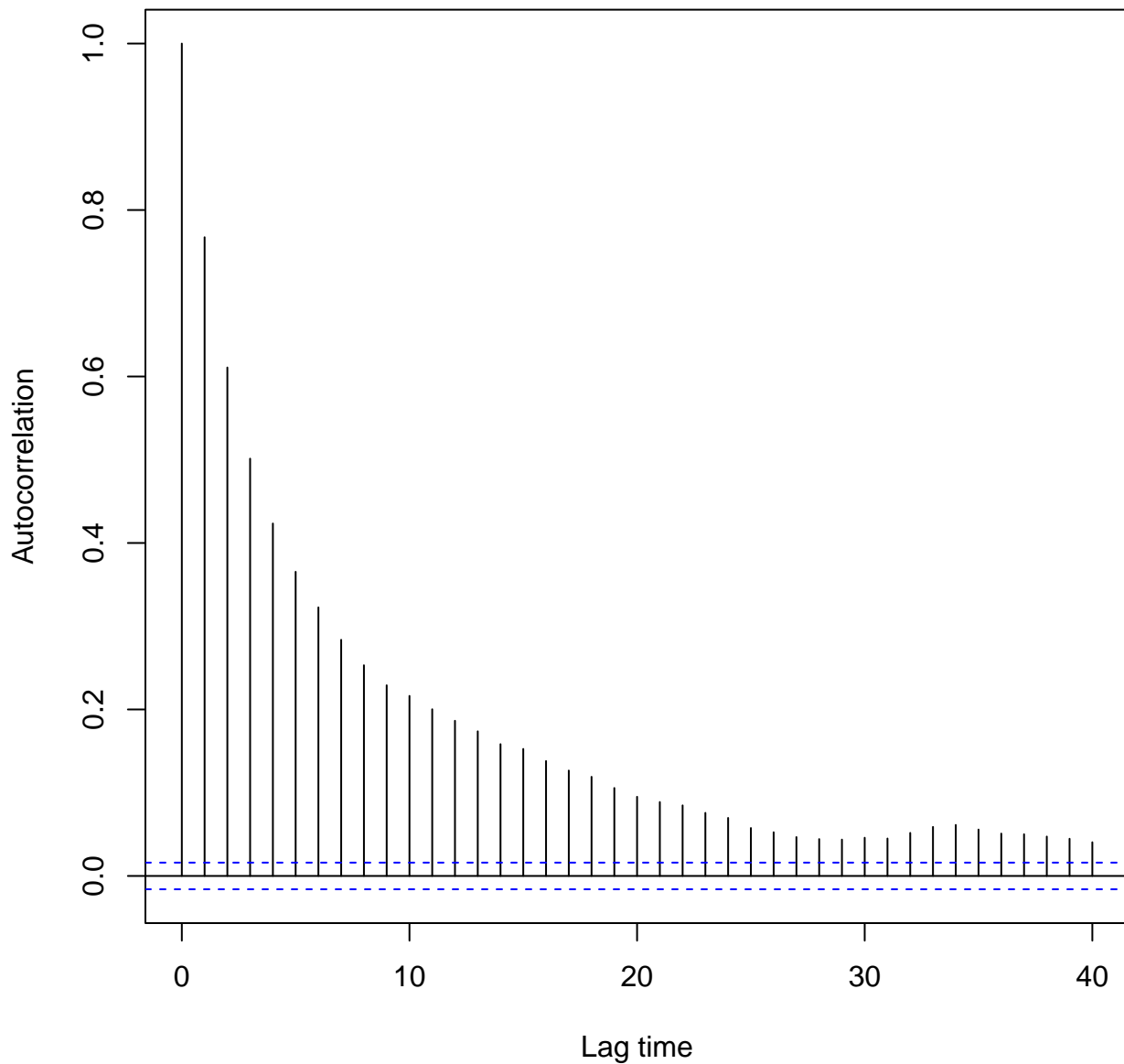
Mutation P CCA Mixture: 1



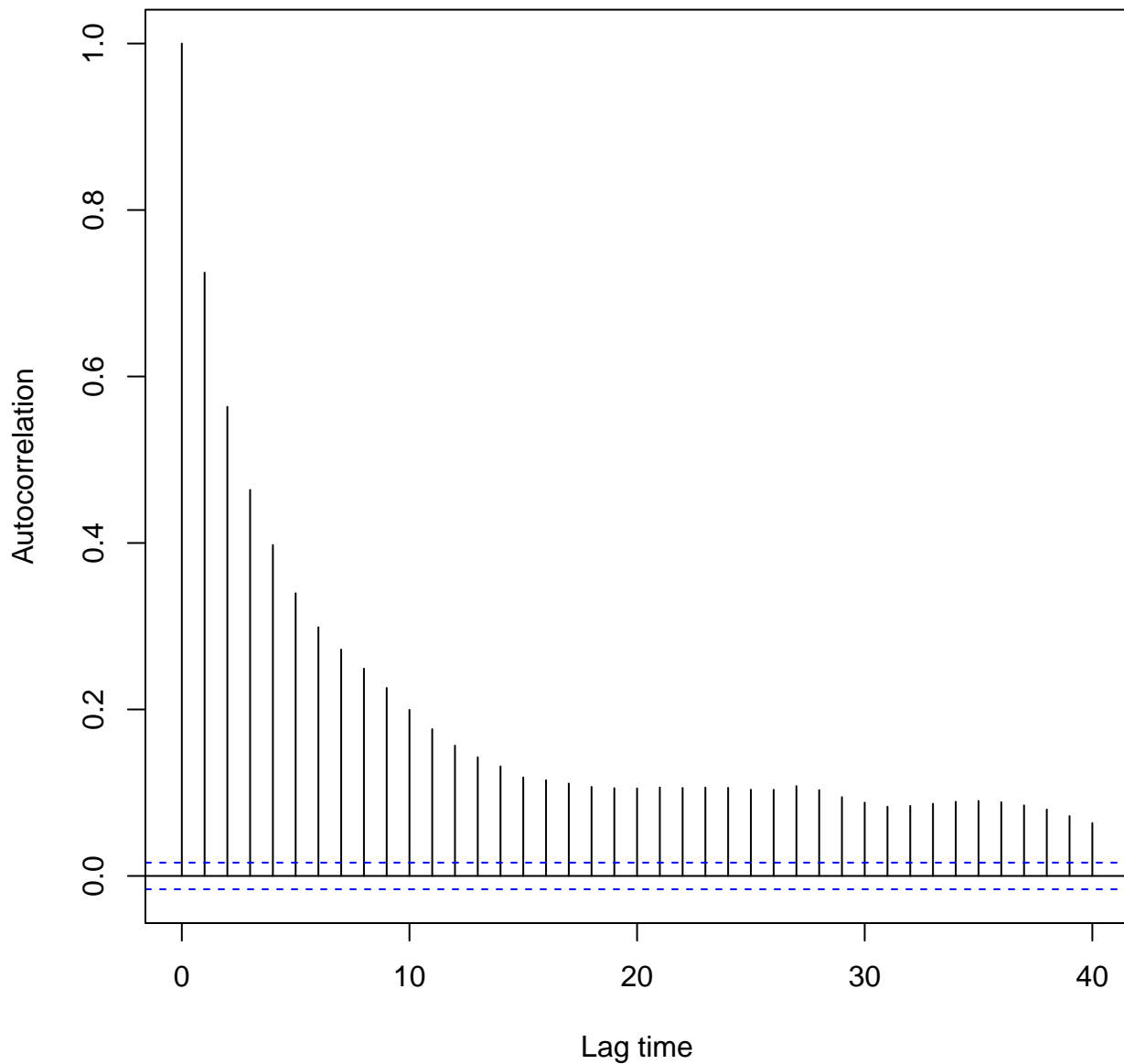
Mutation P CCA Mixture: 2



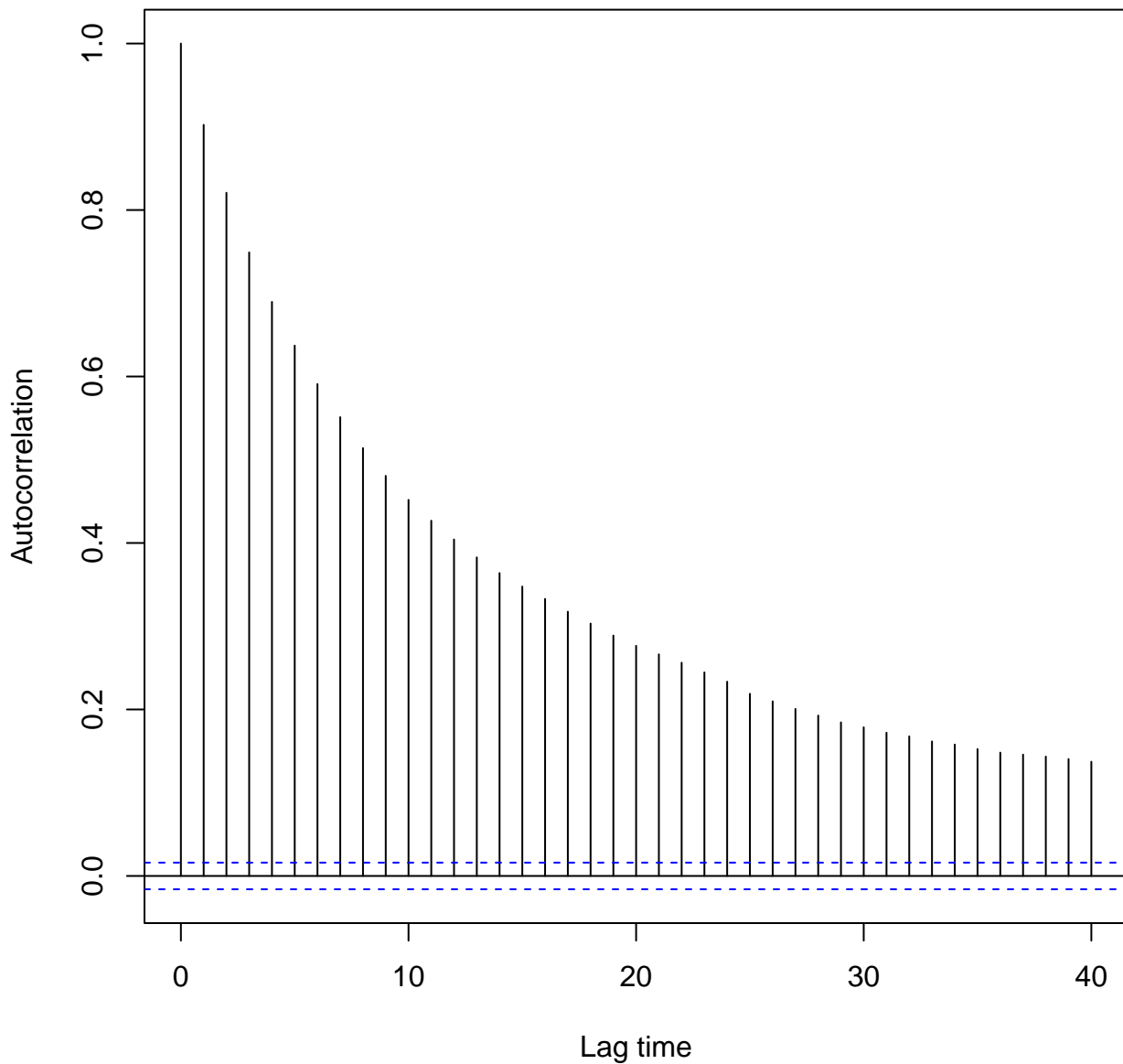
Mutation P CCC Mixture: 1



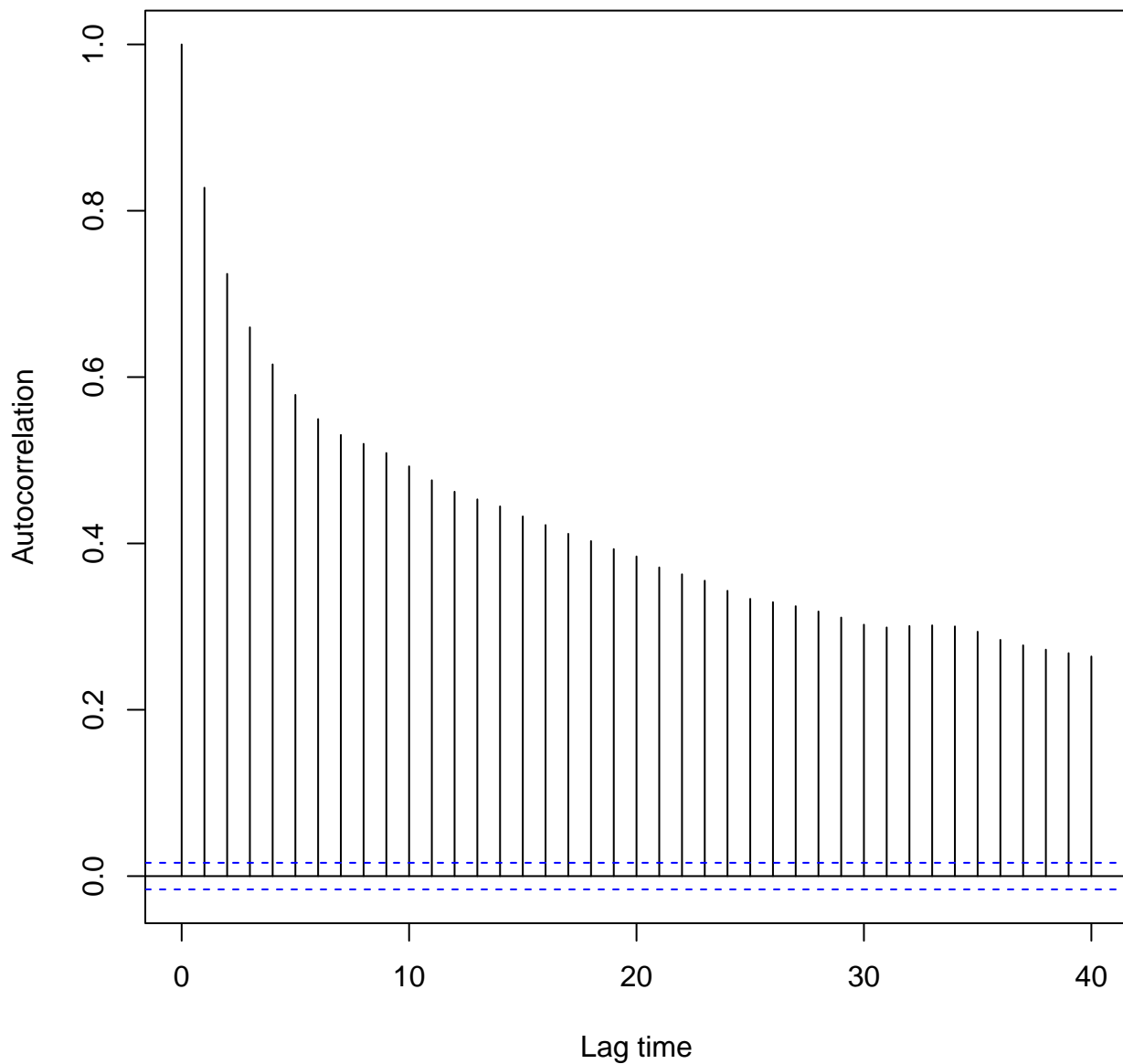
Mutation P CCC Mixture: 2



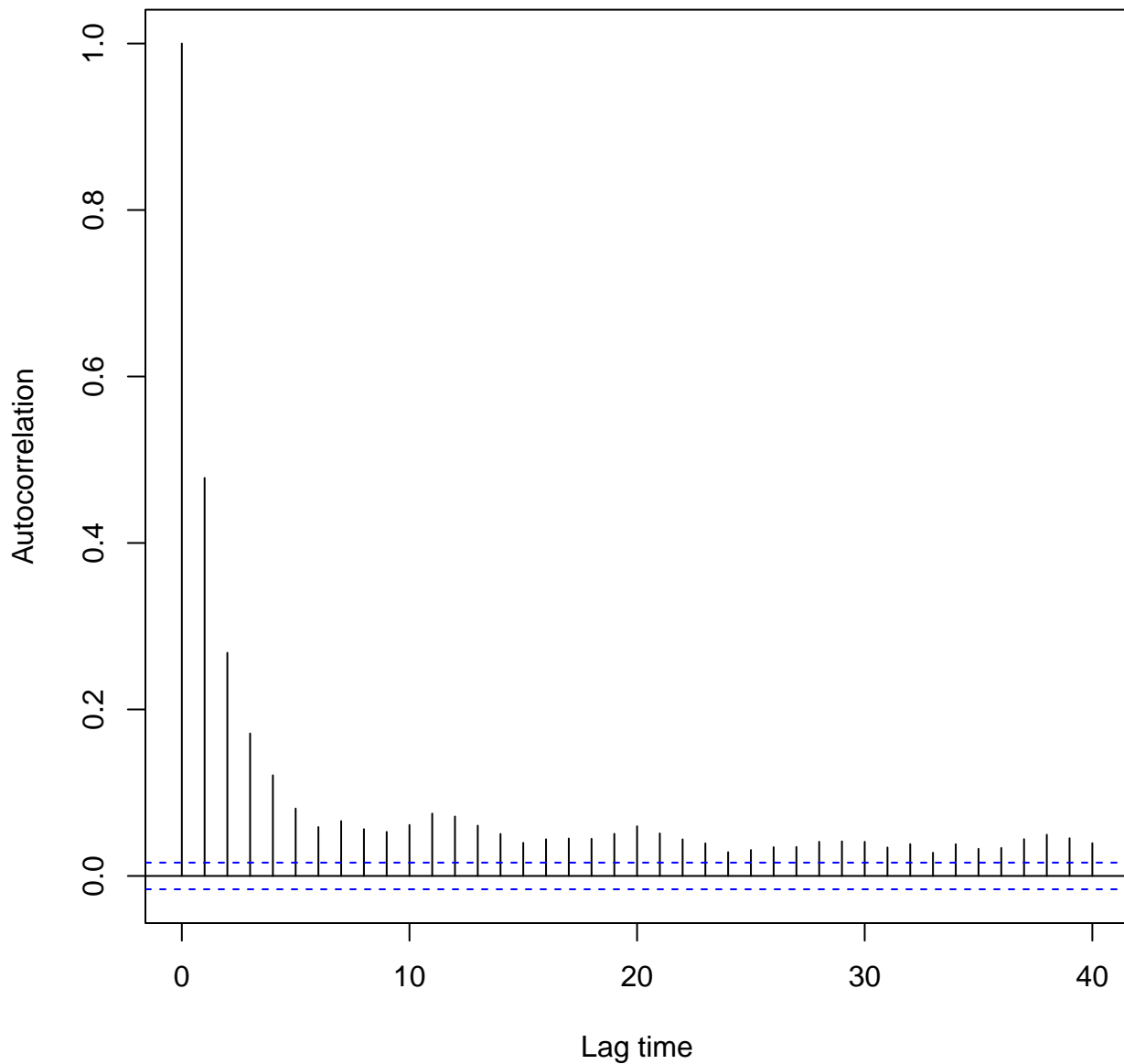
Mutation P CCG Mixture: 1



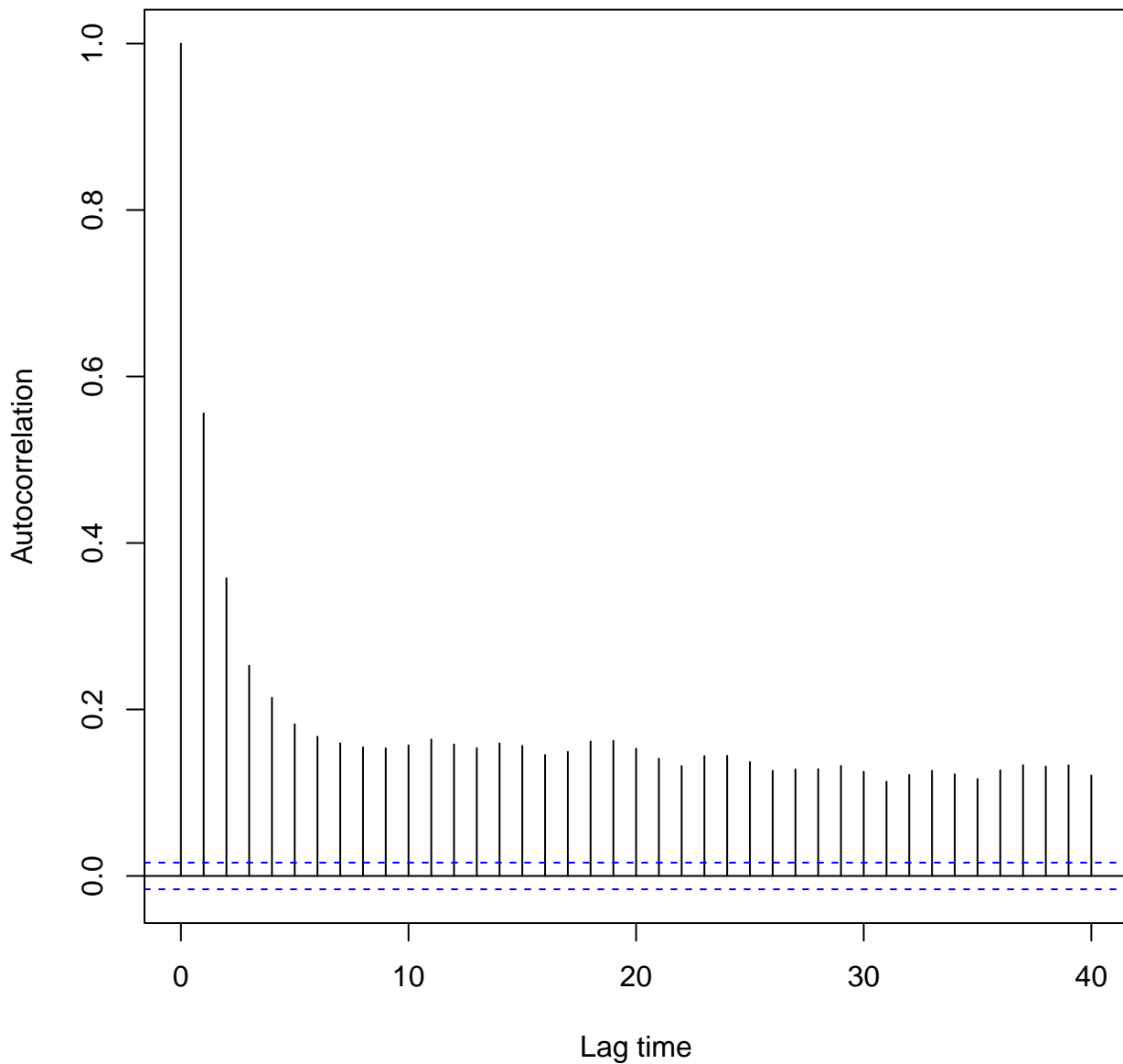
Mutation P CCG Mixture: 2



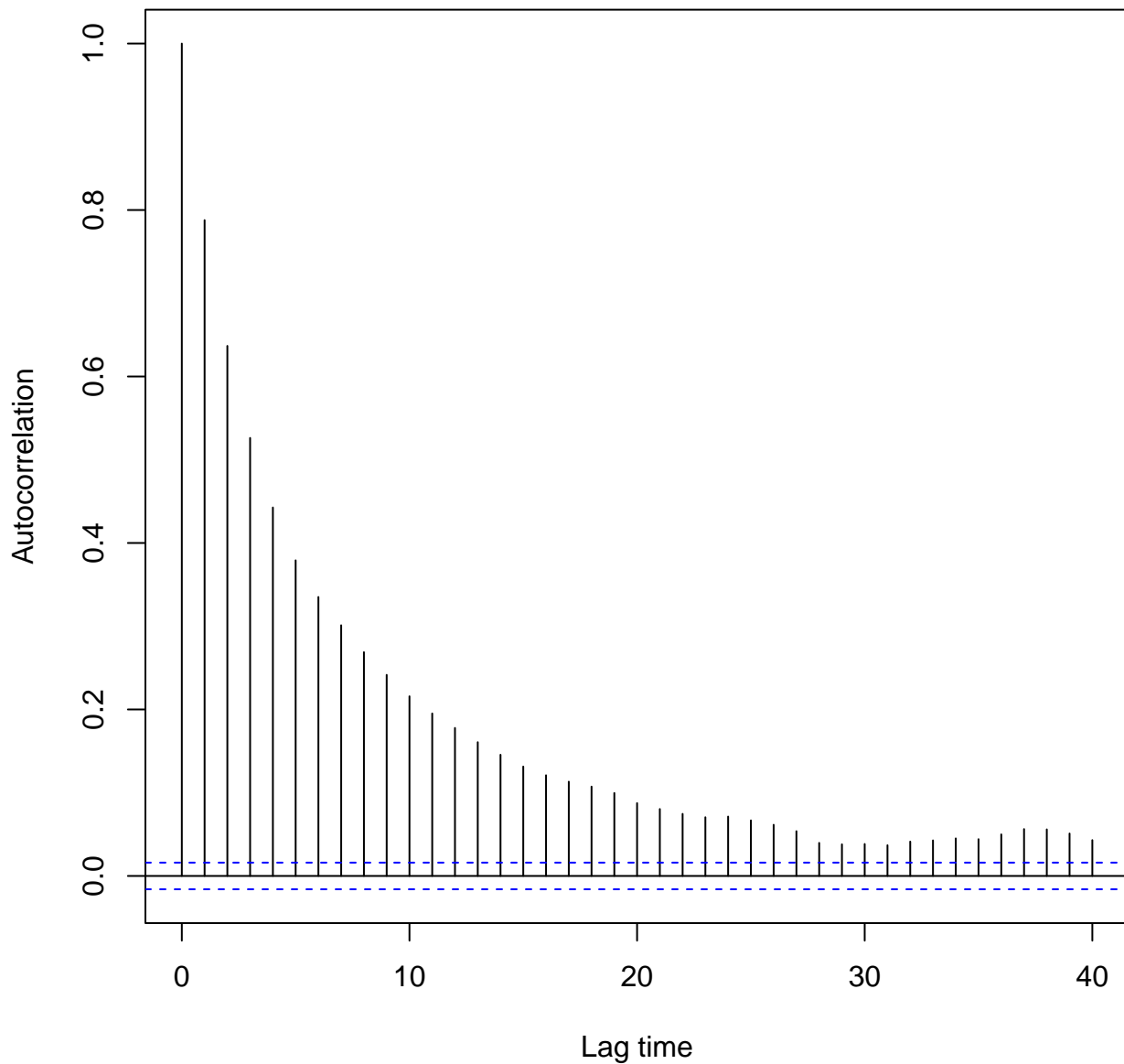
Mutation Q CAA Mixture: 1



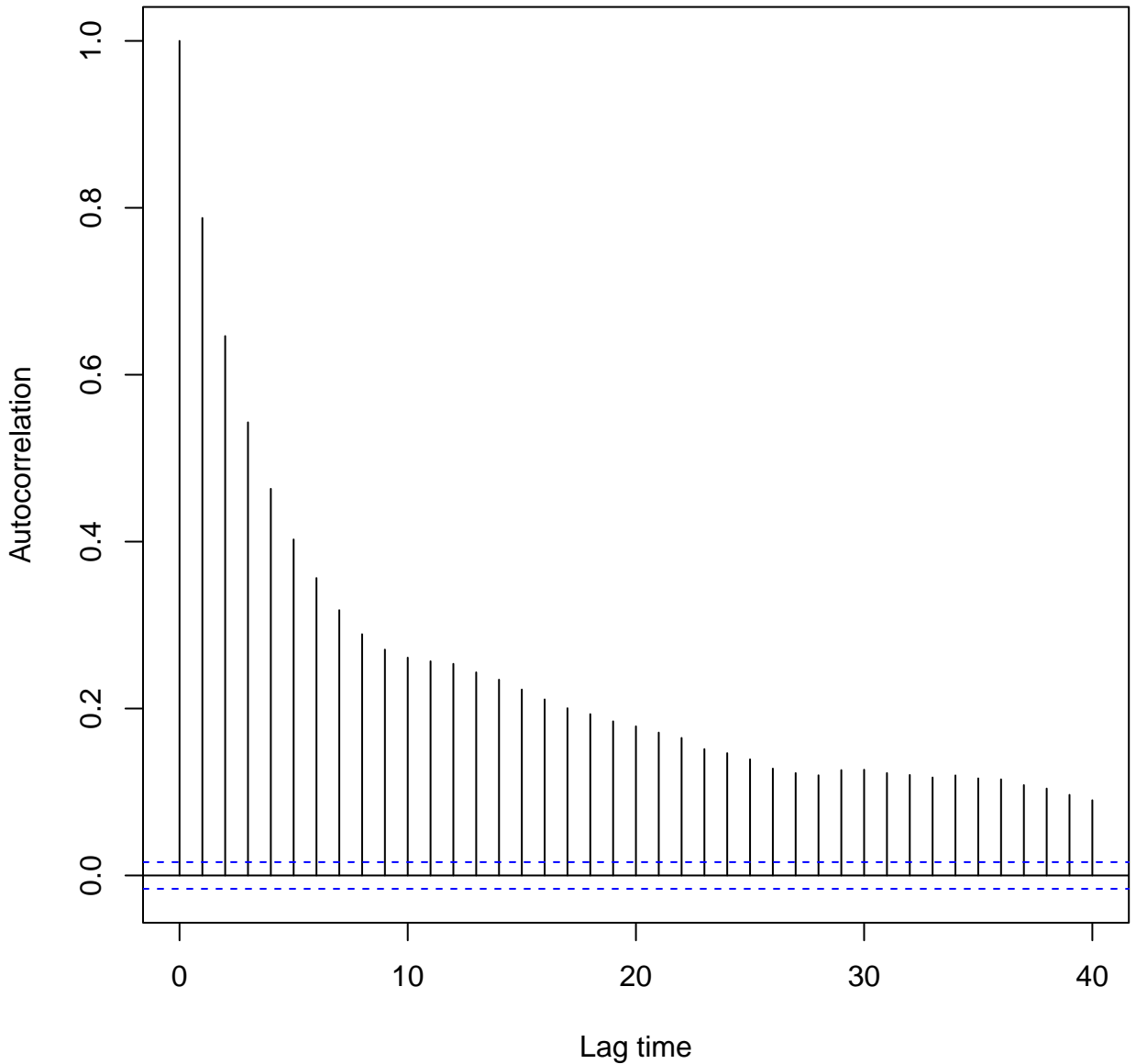
Mutation Q CAA Mixture: 2



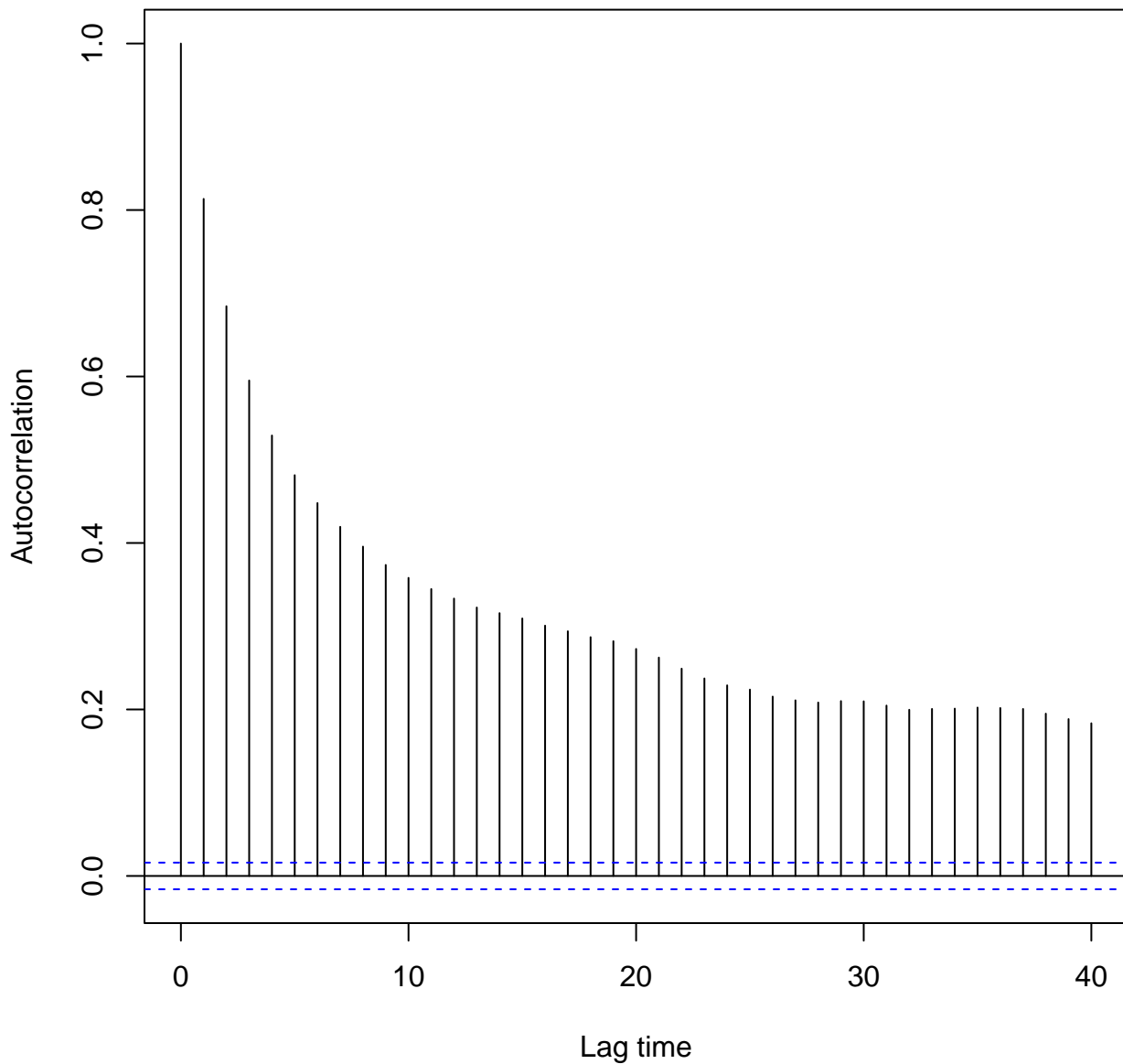
Mutation R AGA Mixture: 1



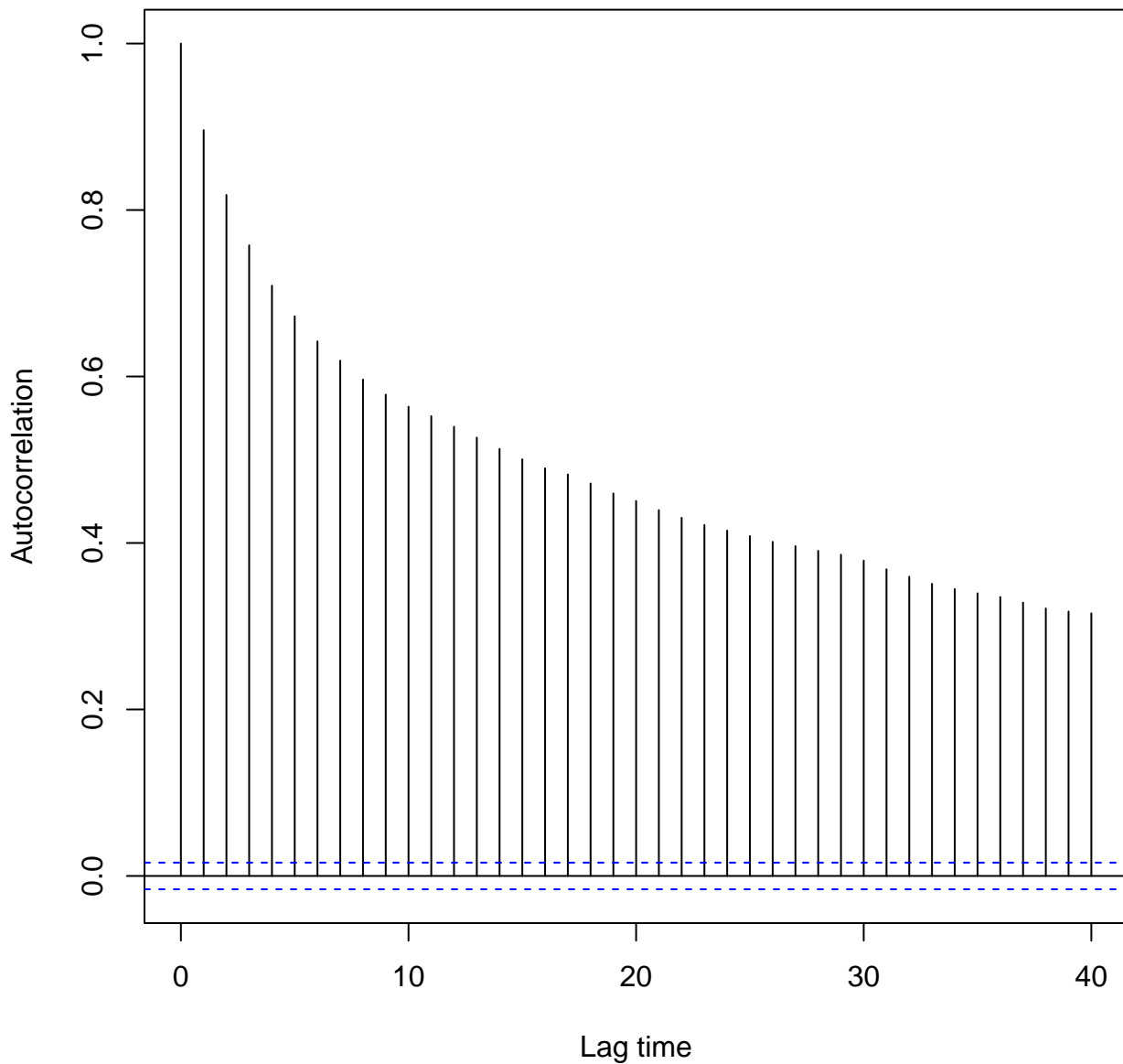
Mutation R AGA Mixture: 2



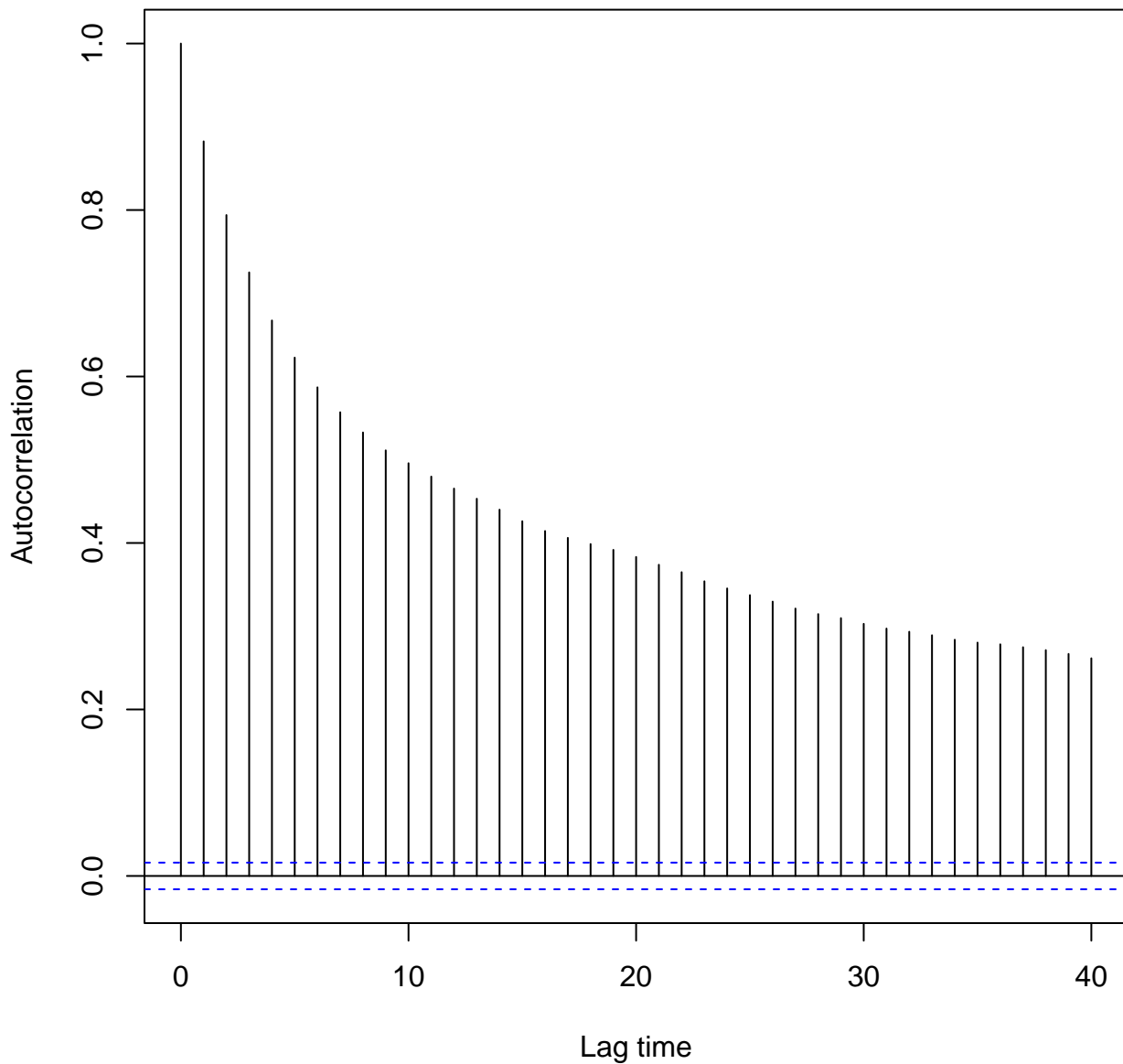
Mutation R AGG Mixture: 1



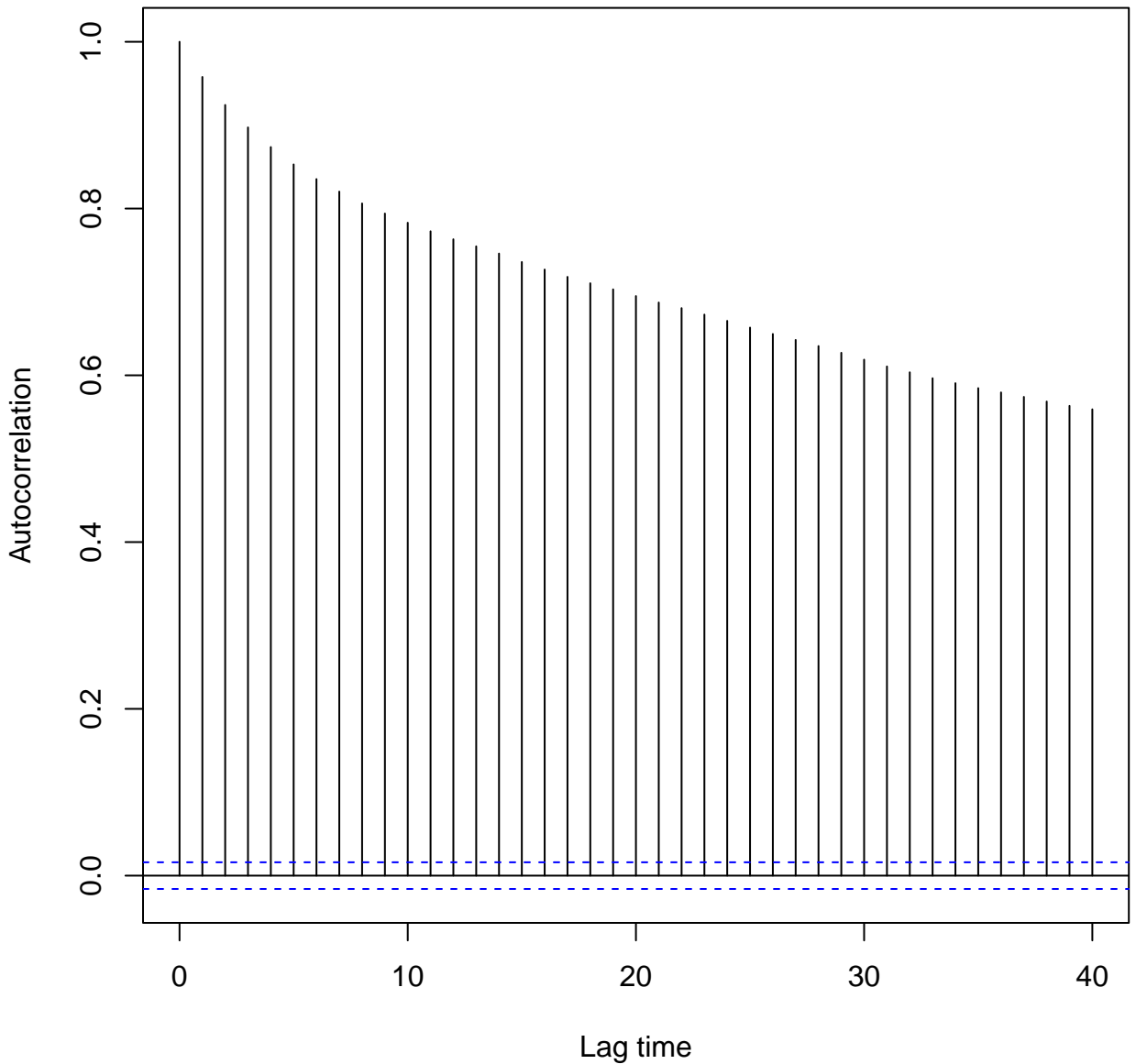
Mutation R AGG Mixture: 2



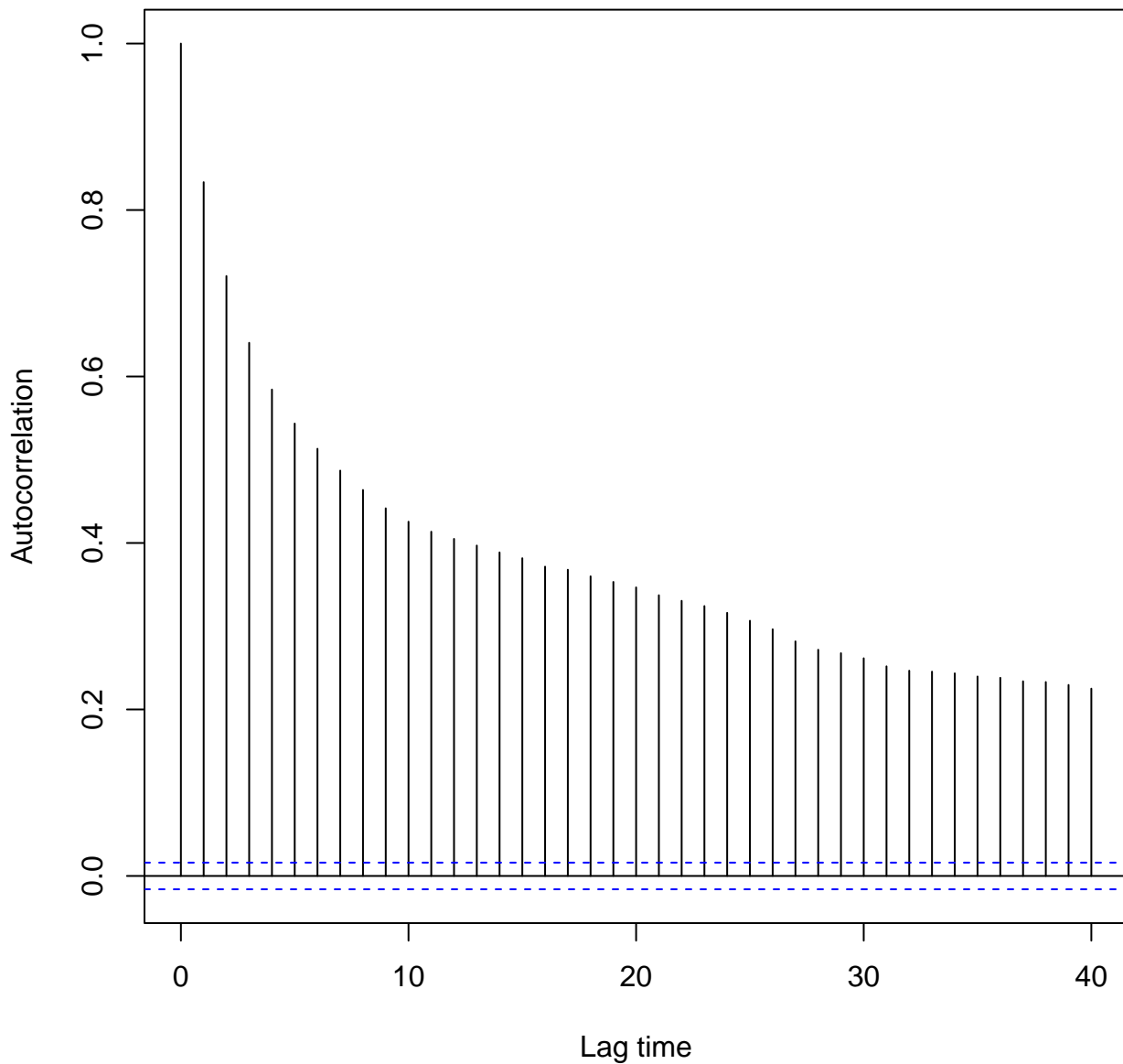
Mutation R CGA Mixture: 1



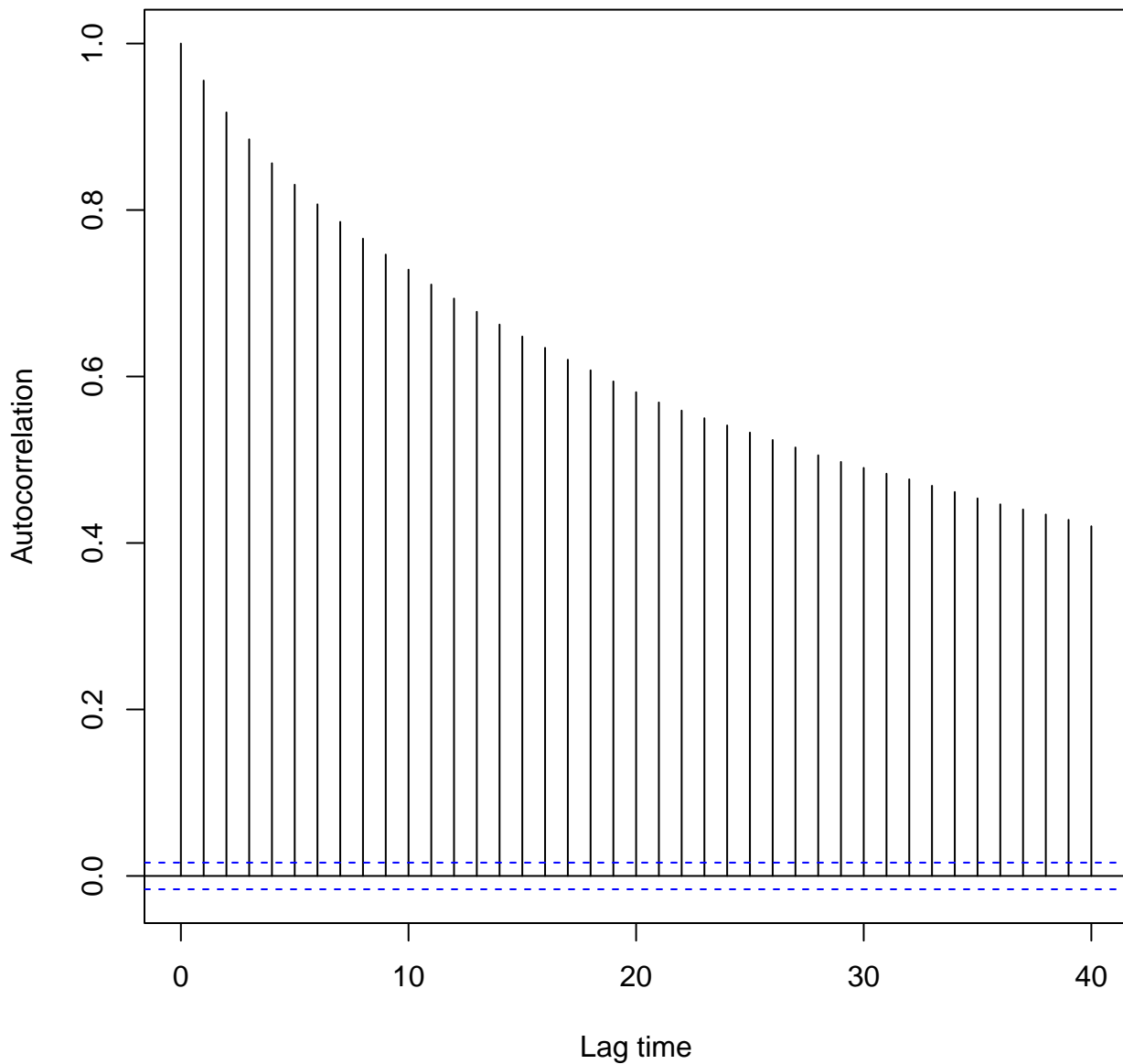
Mutation R CGA Mixture: 2



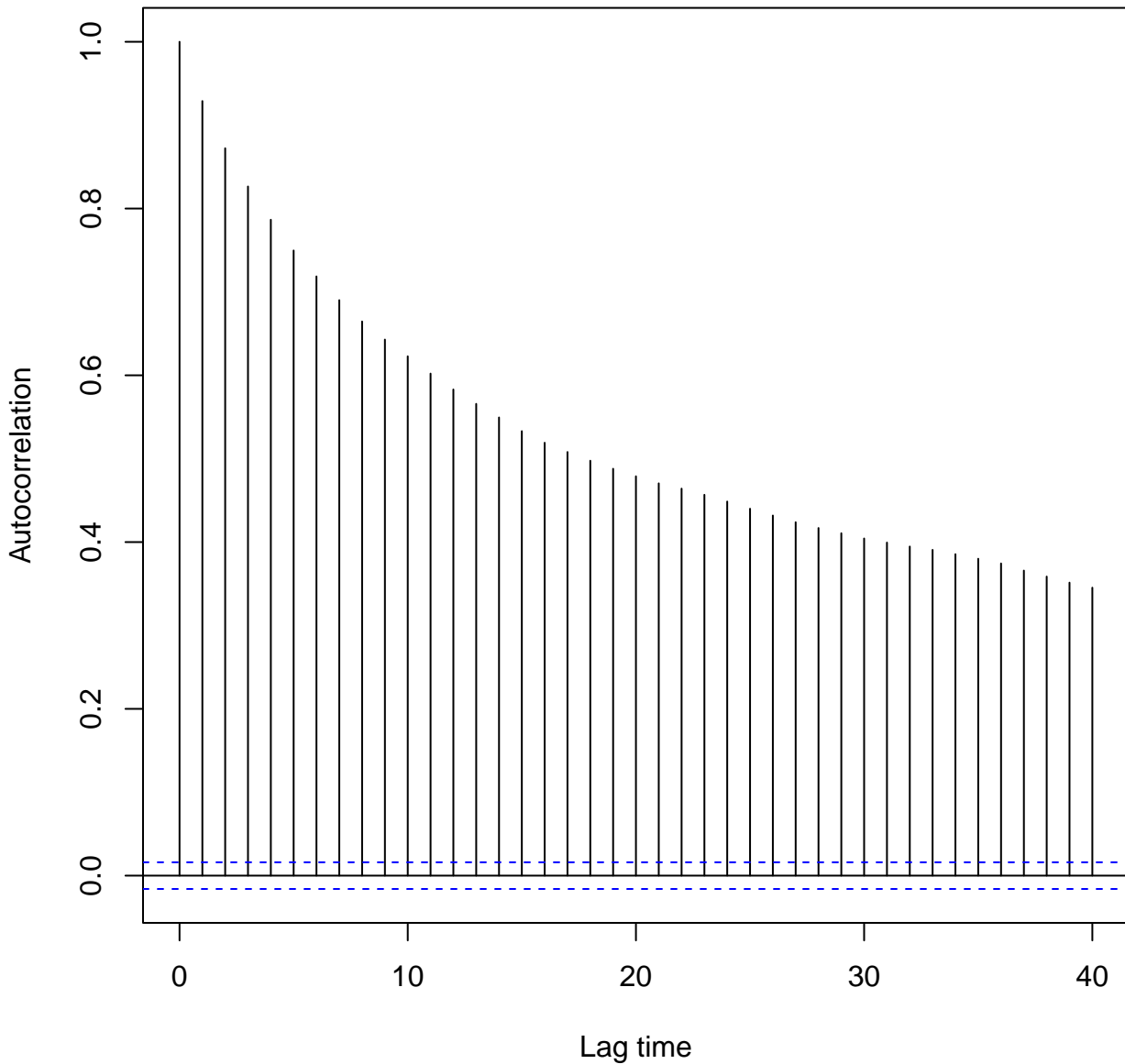
Mutation R CGC Mixture: 1



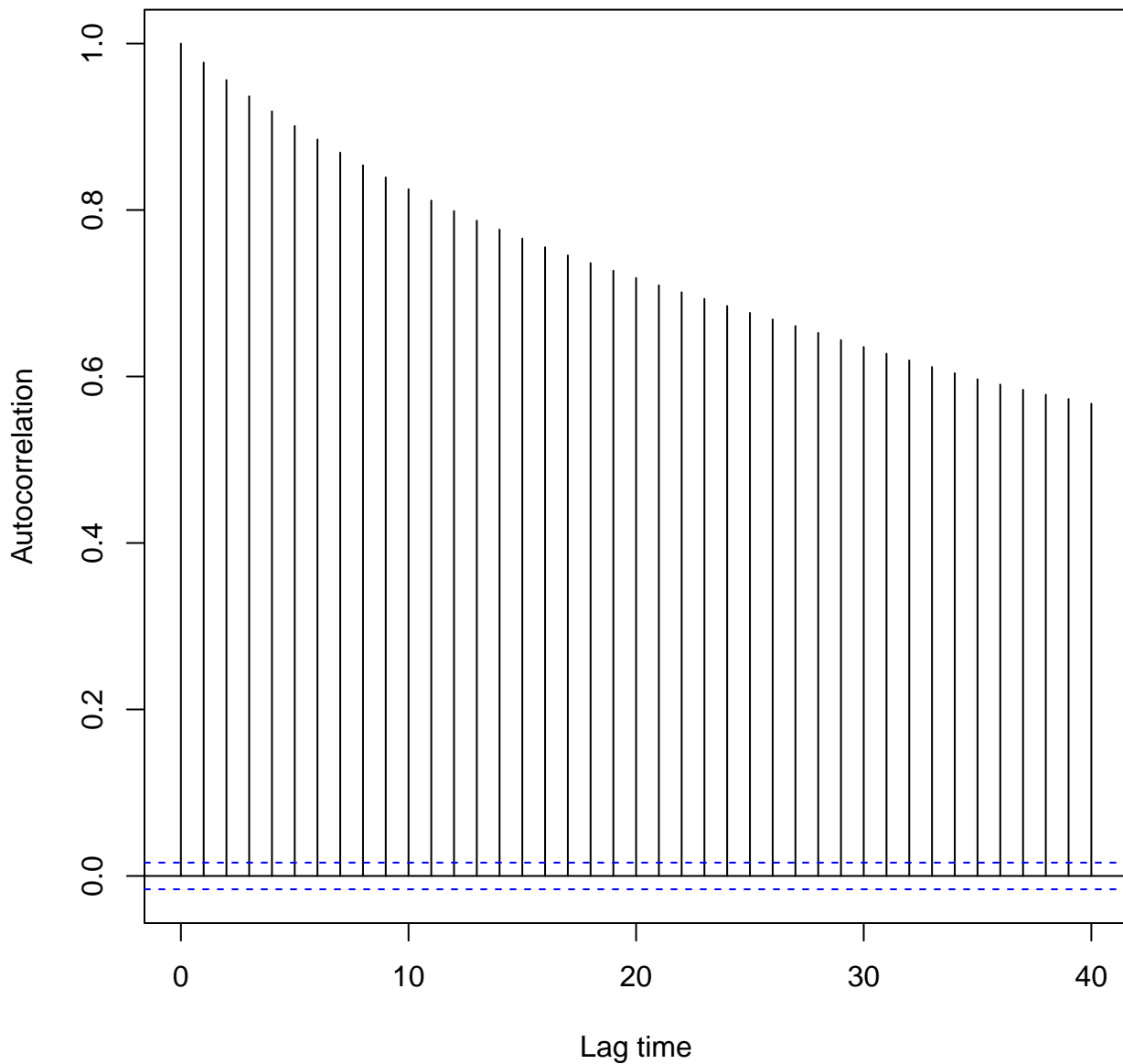
Mutation R CGC Mixture: 2



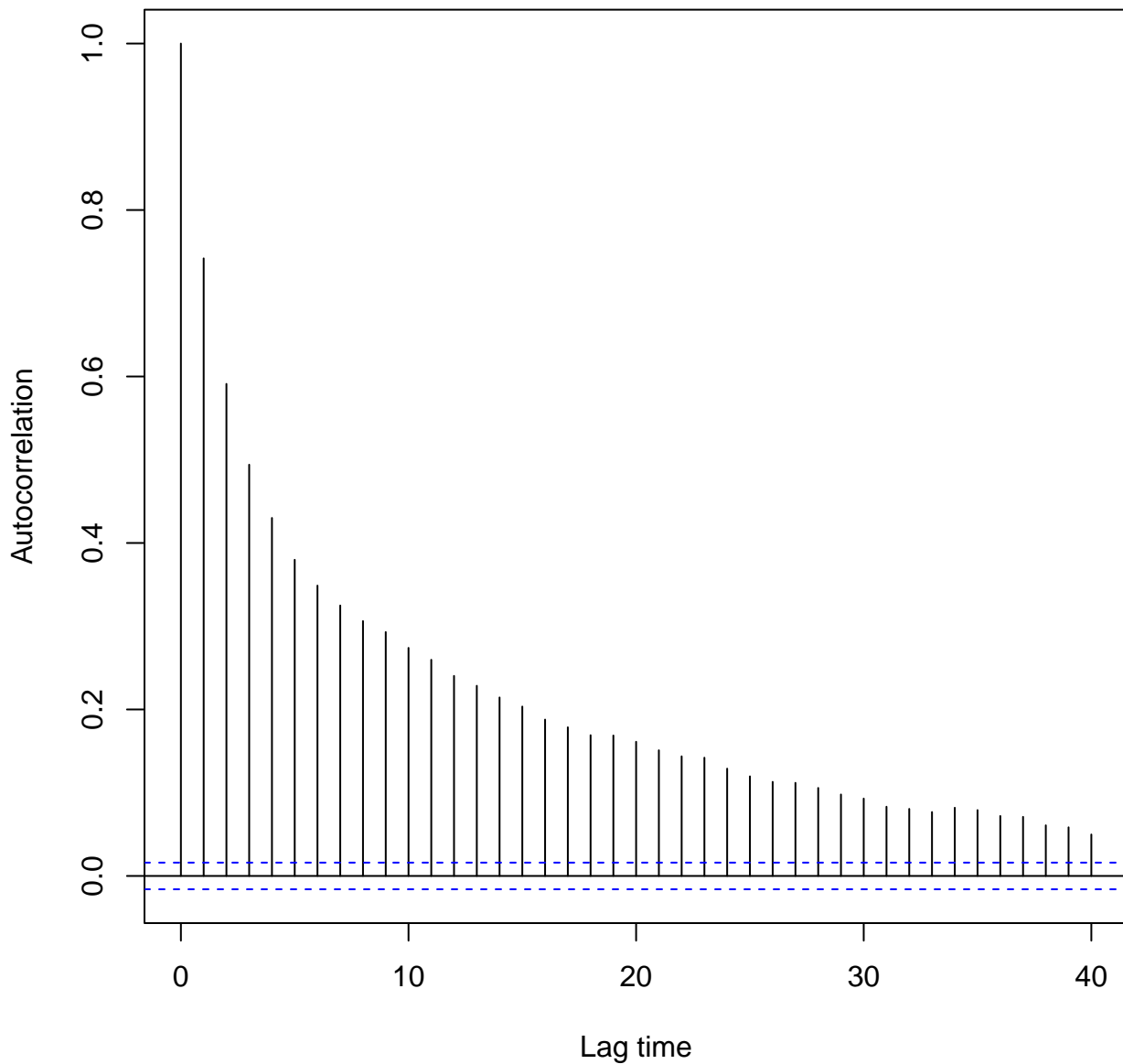
Mutation R CGG Mixture: 1



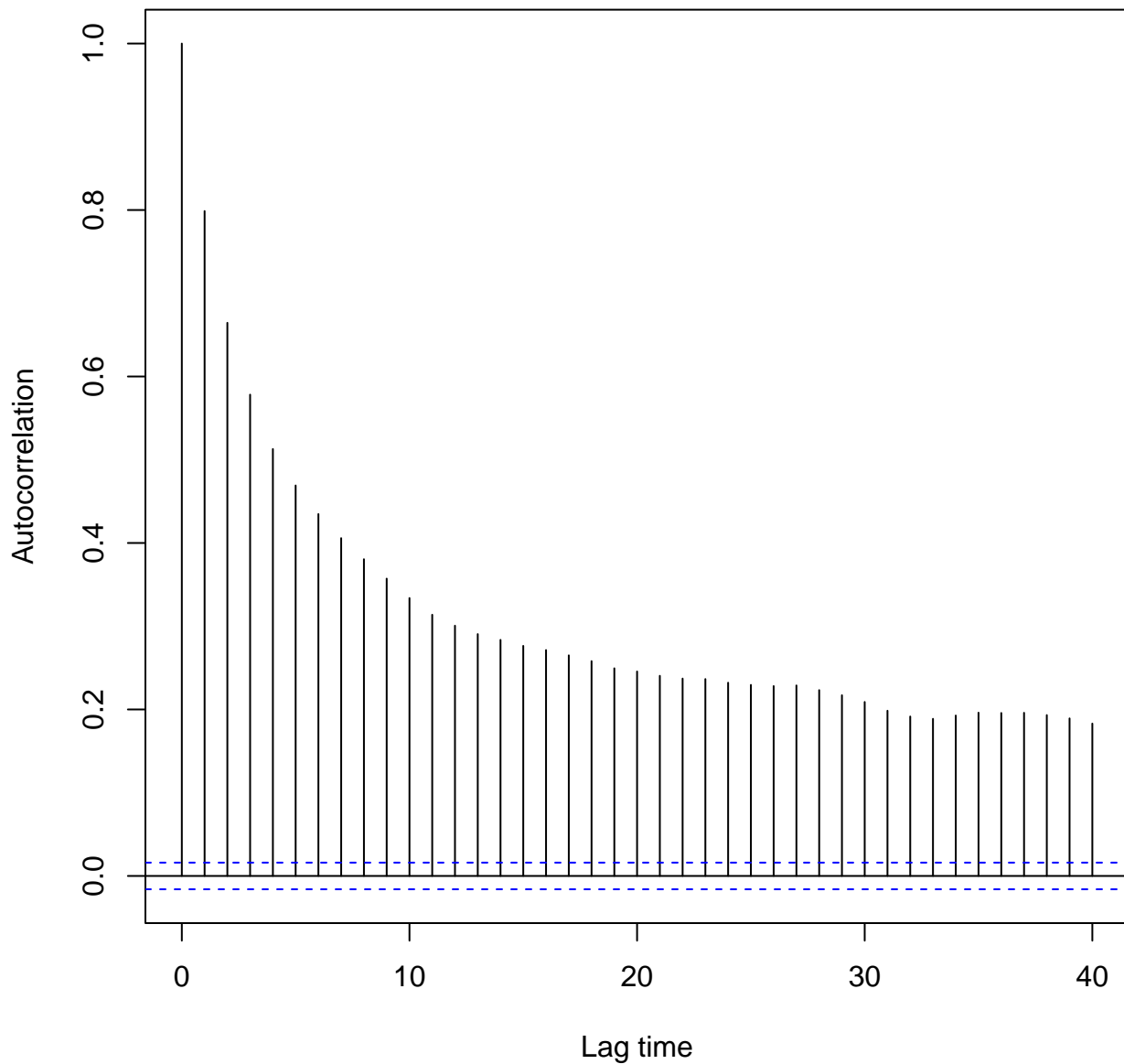
Mutation R CGG Mixture: 2



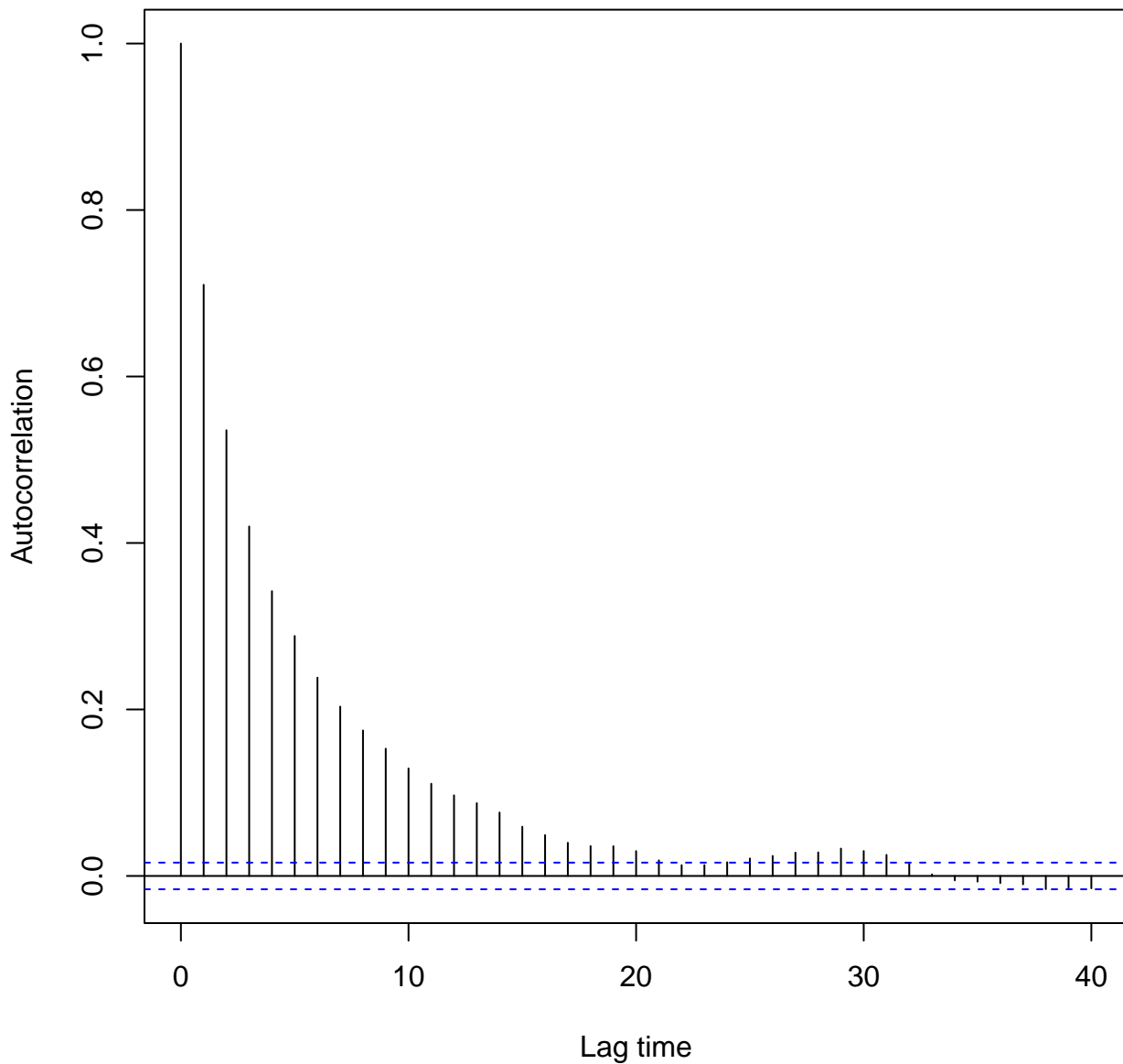
Mutation S TCA Mixture: 1



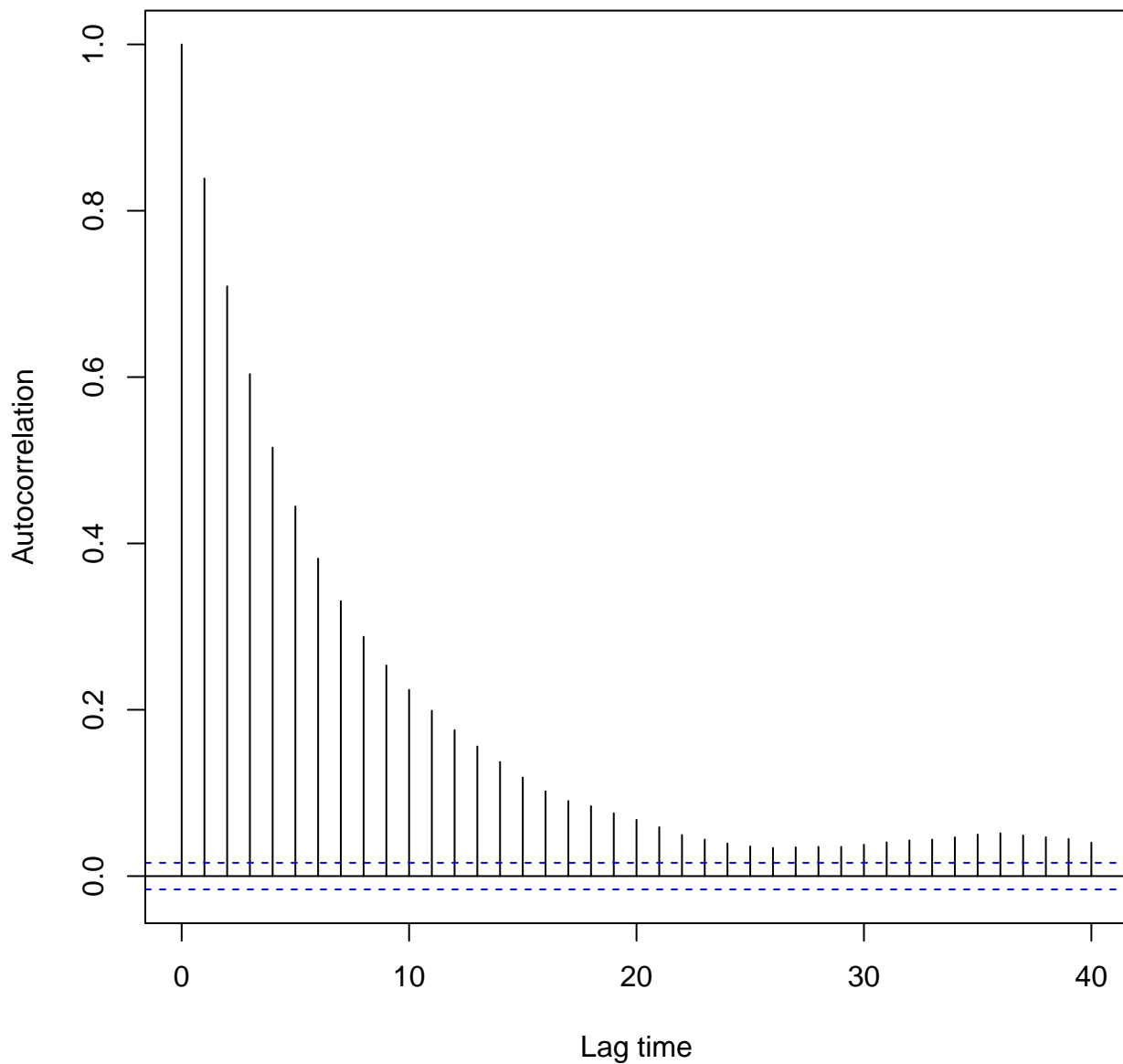
Mutation S TCA Mixture: 2



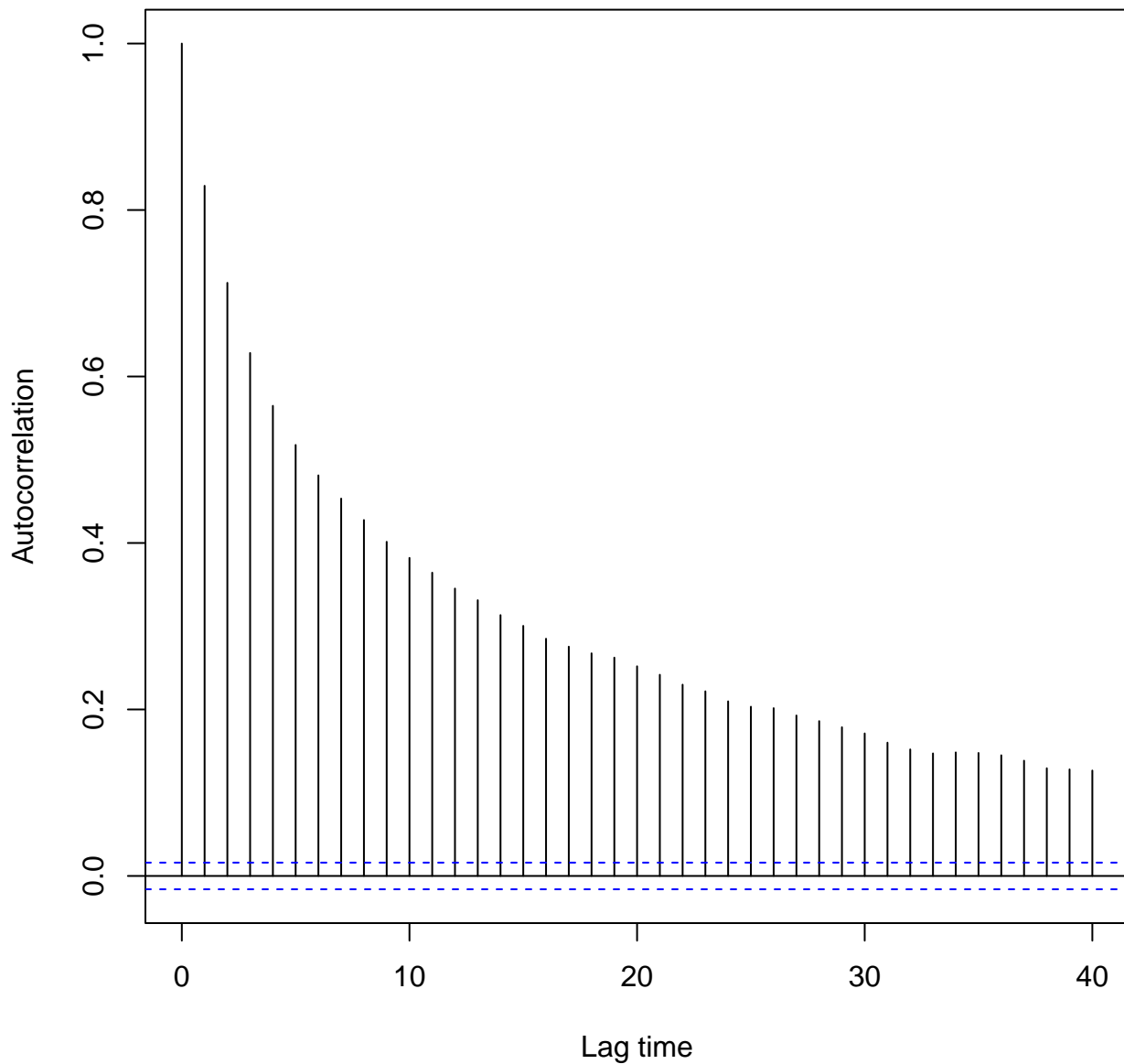
Mutation S TCC Mixture: 1



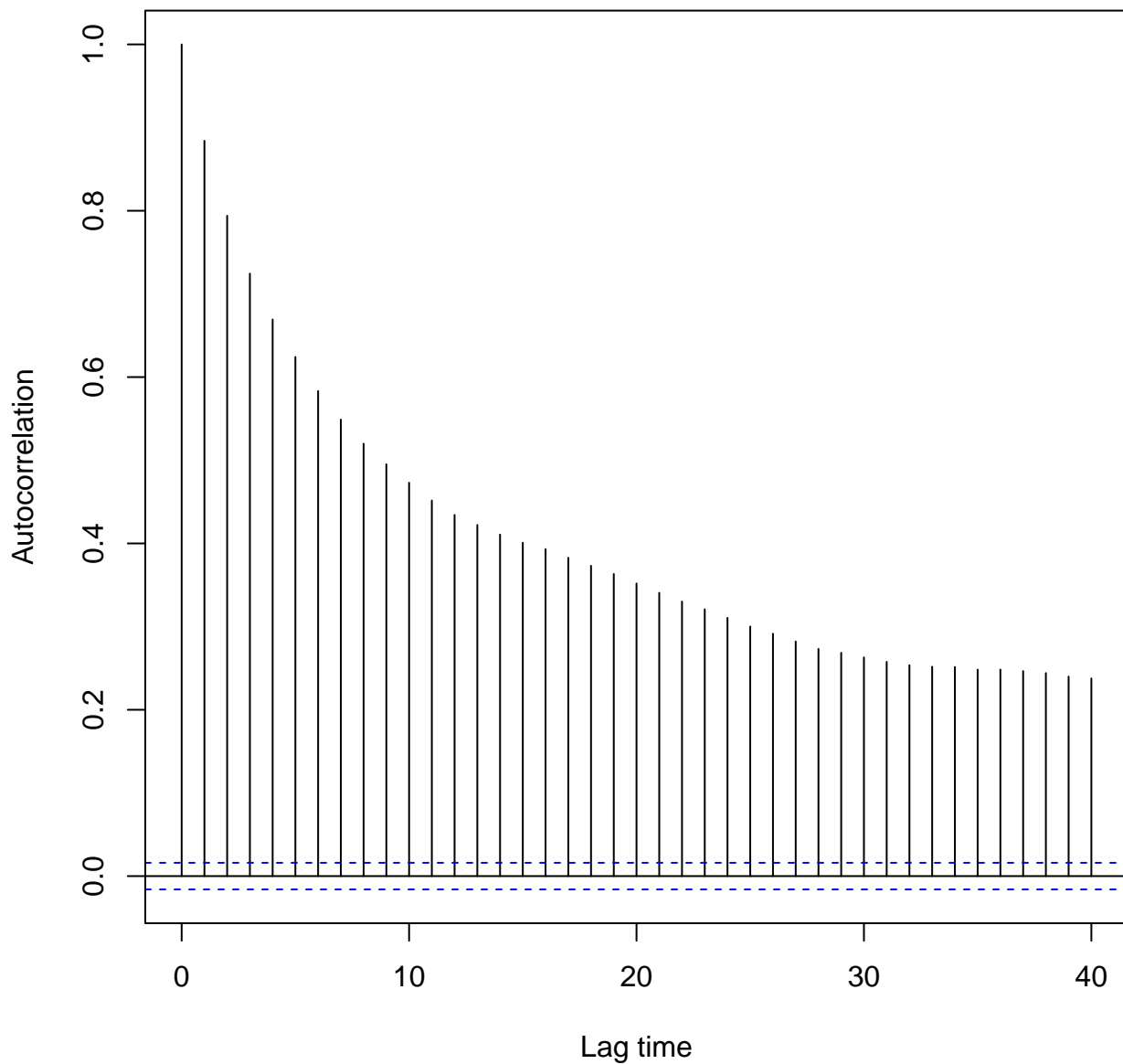
Mutation S TCC Mixture: 2



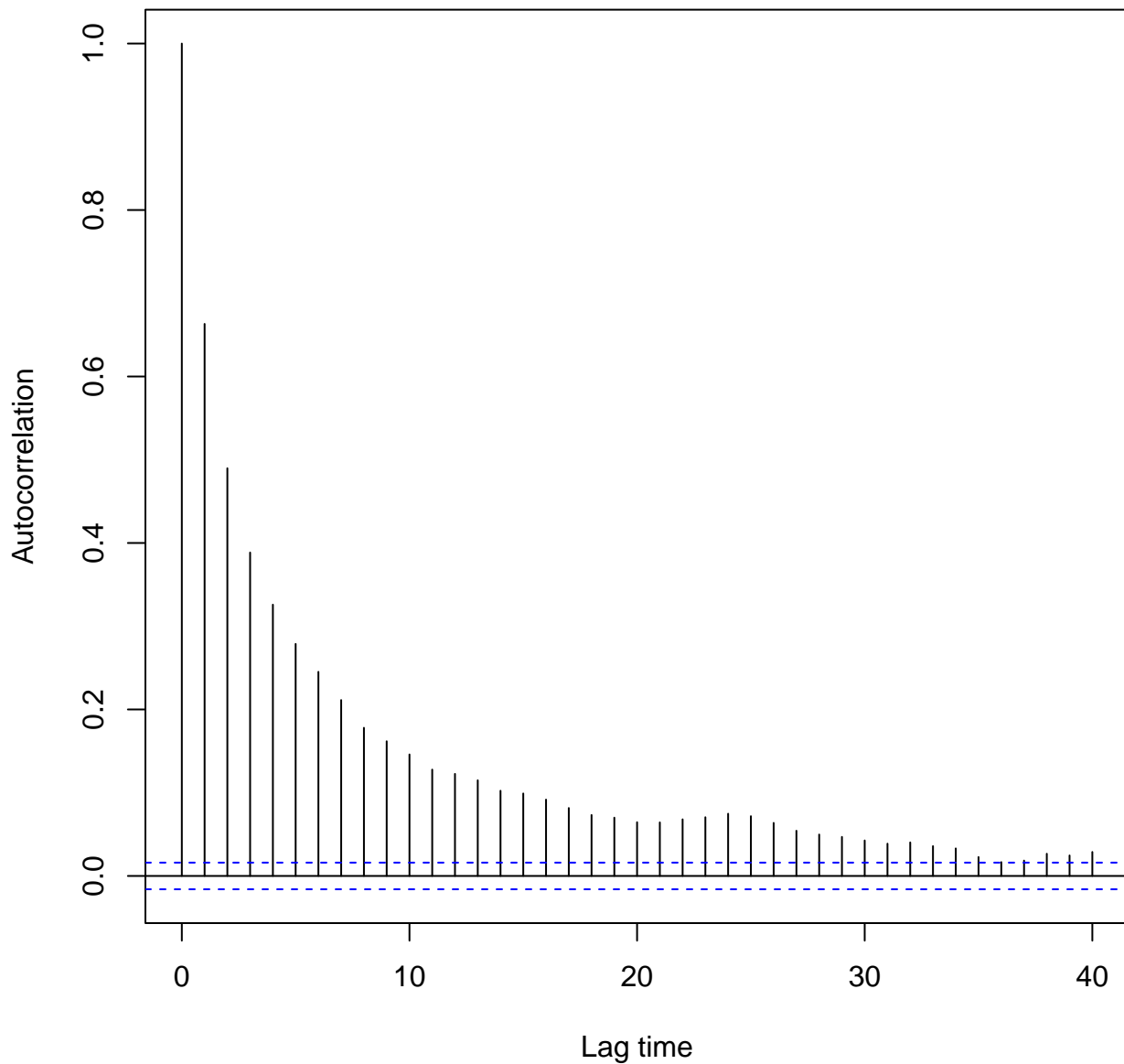
Mutation S TCG Mixture: 1



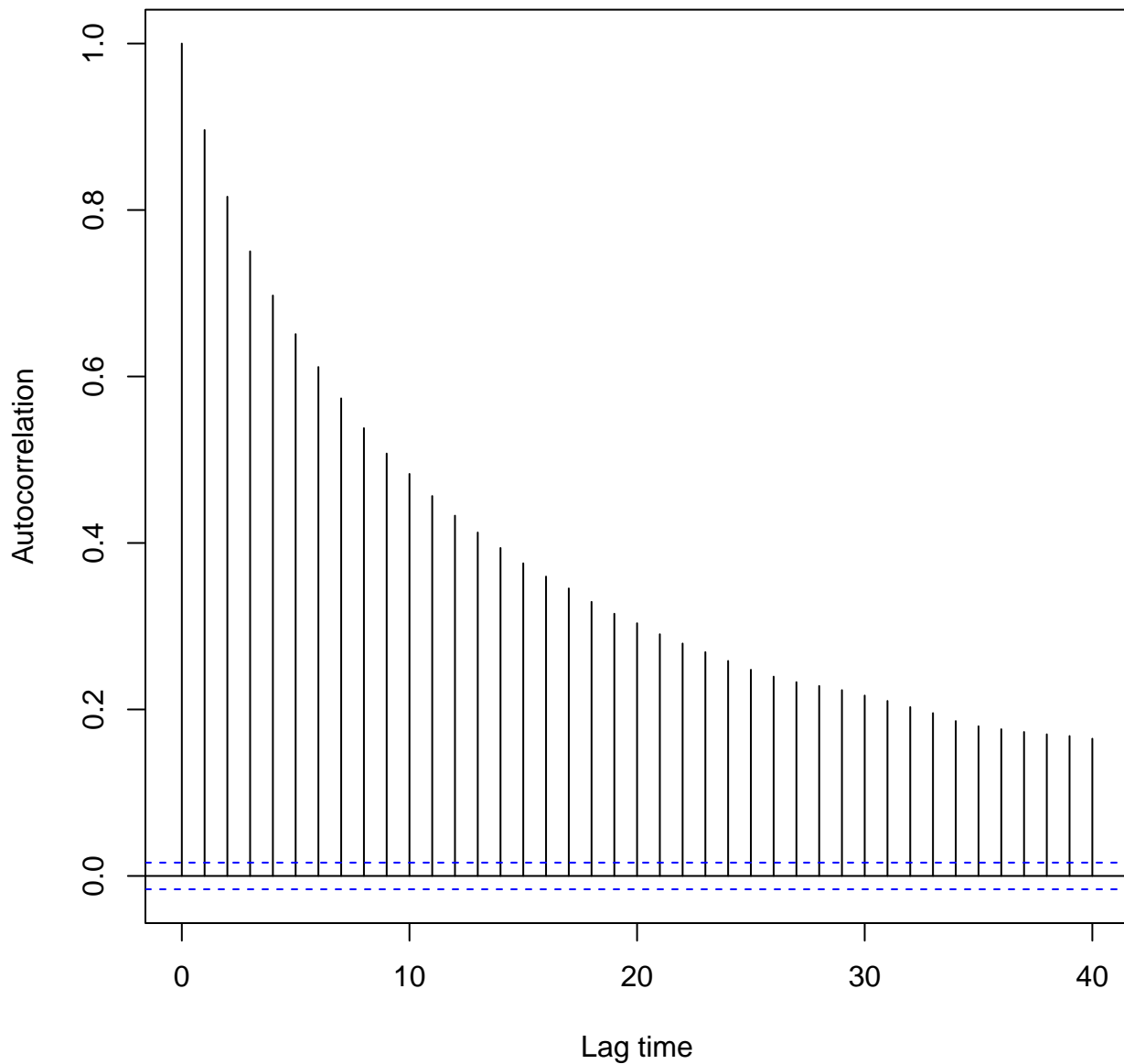
Mutation S TCG Mixture: 2



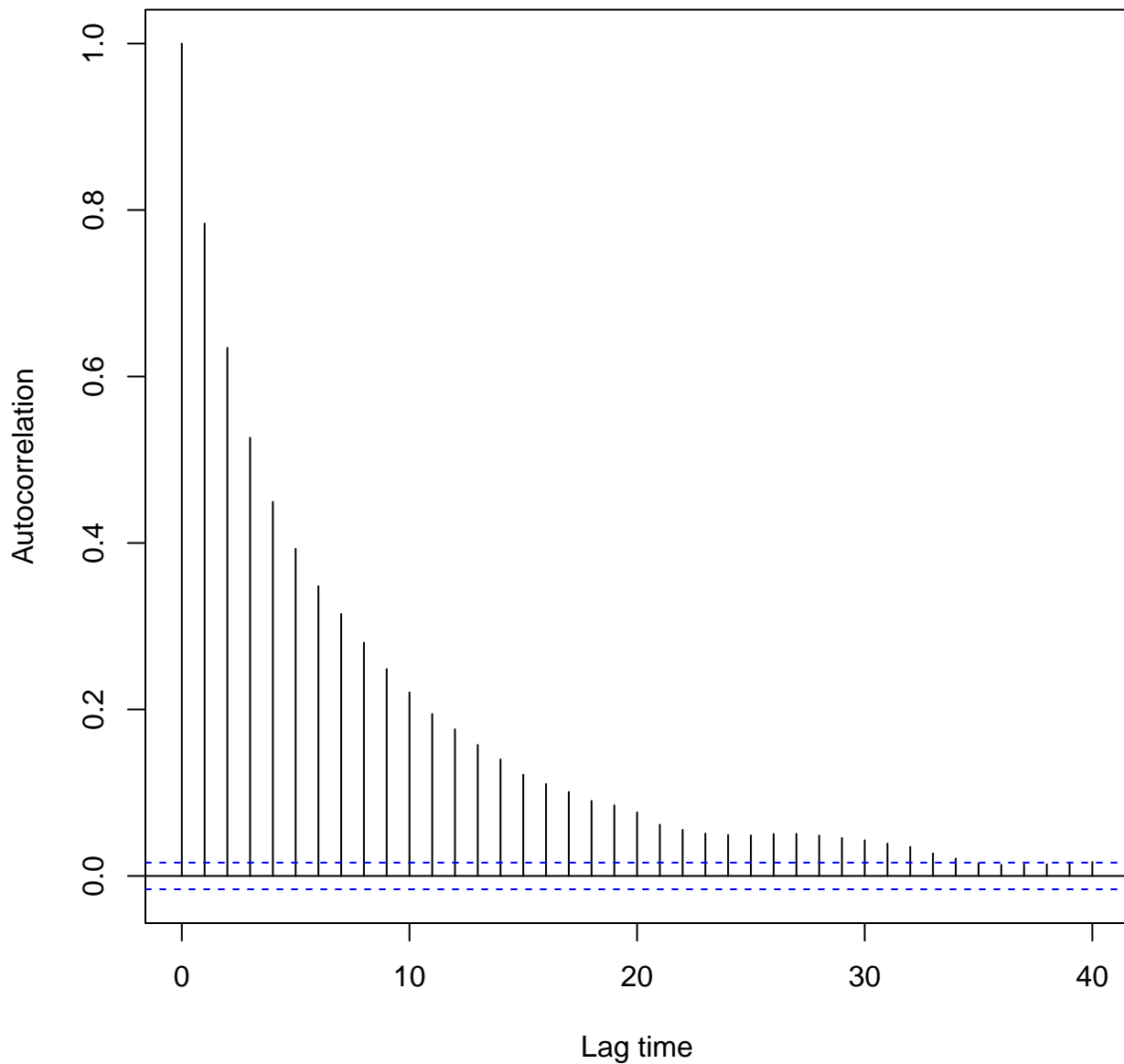
Mutation T ACA Mixture: 1



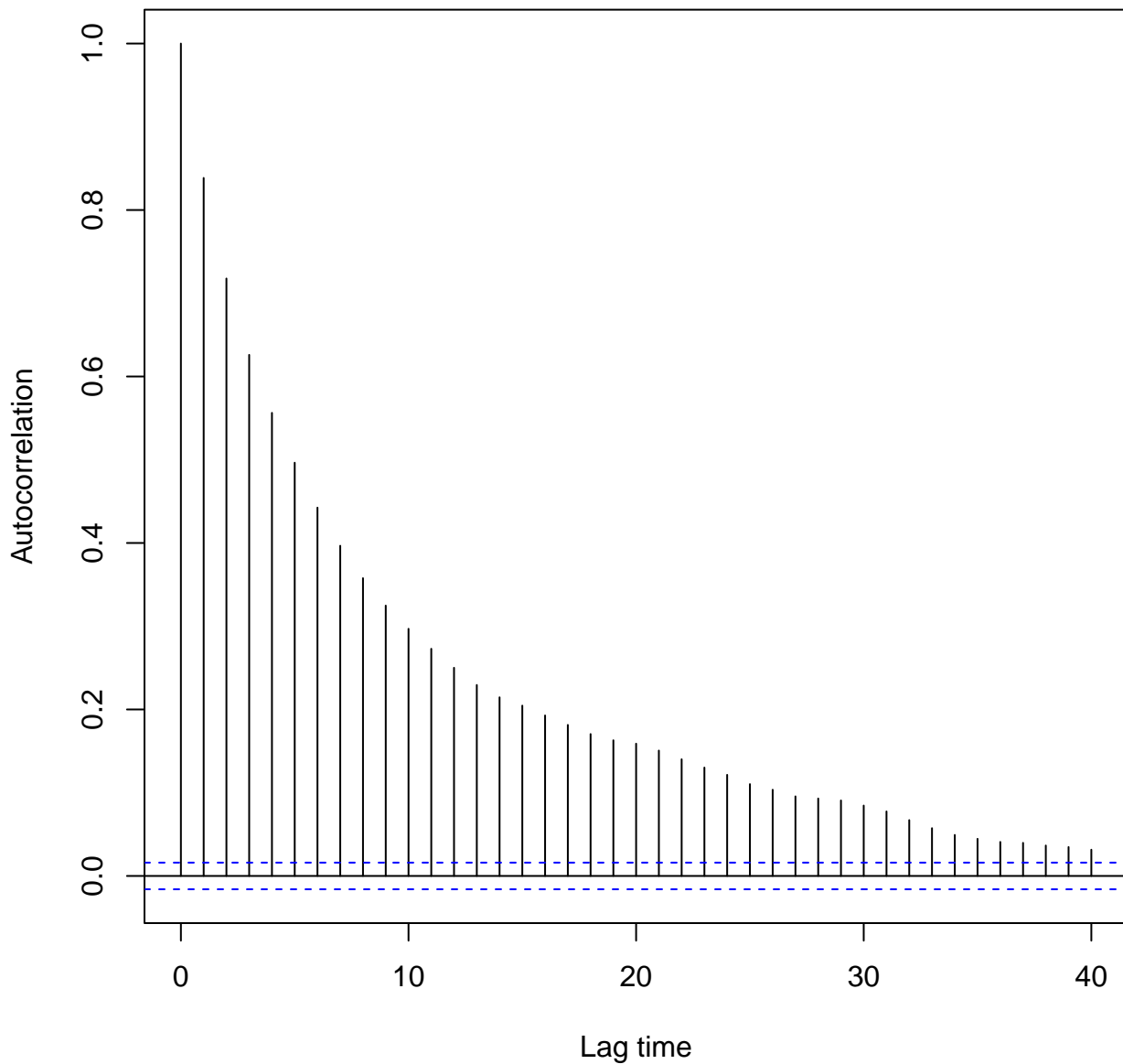
Mutation T ACA Mixture: 2



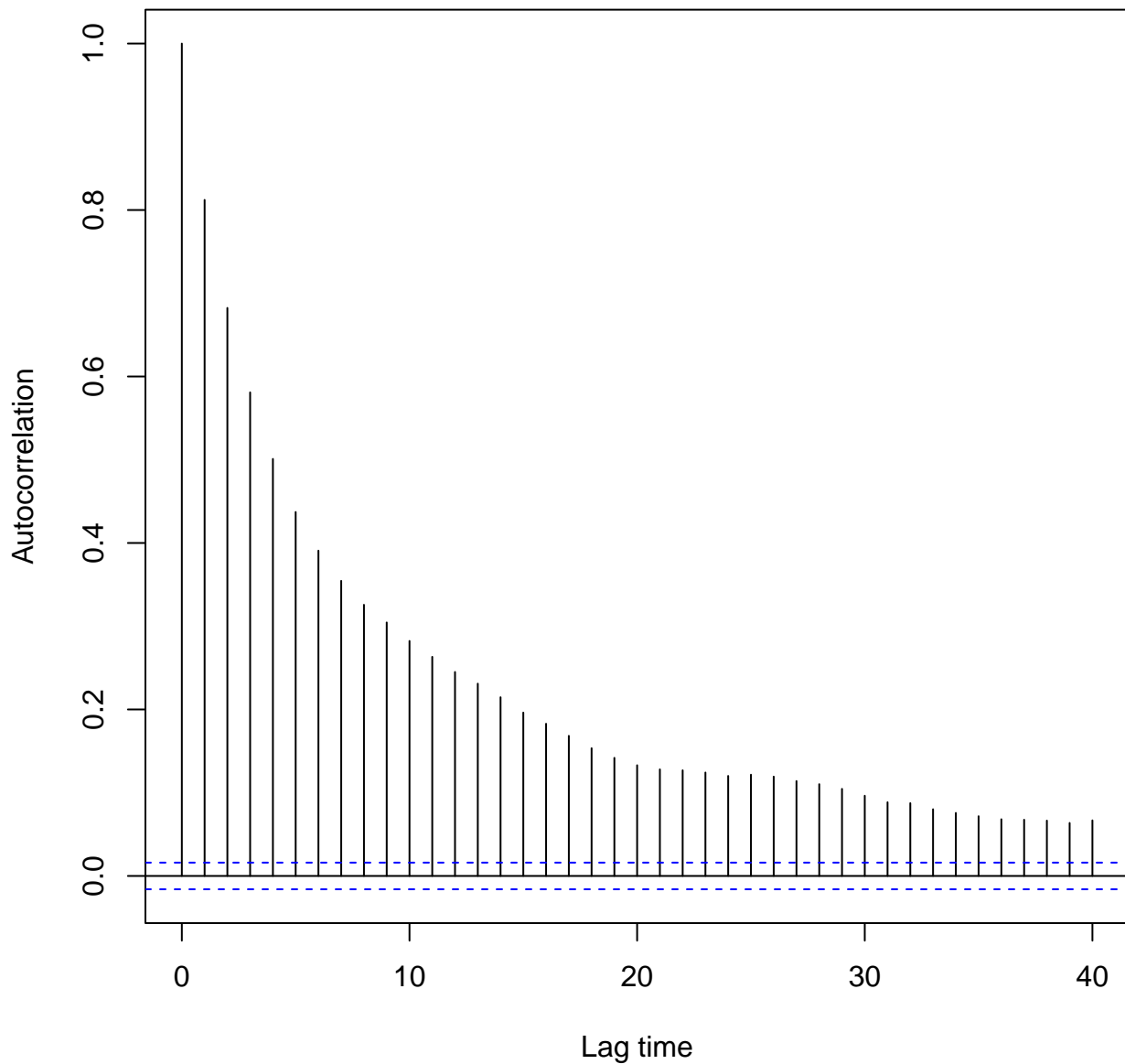
Mutation T ACC Mixture: 1



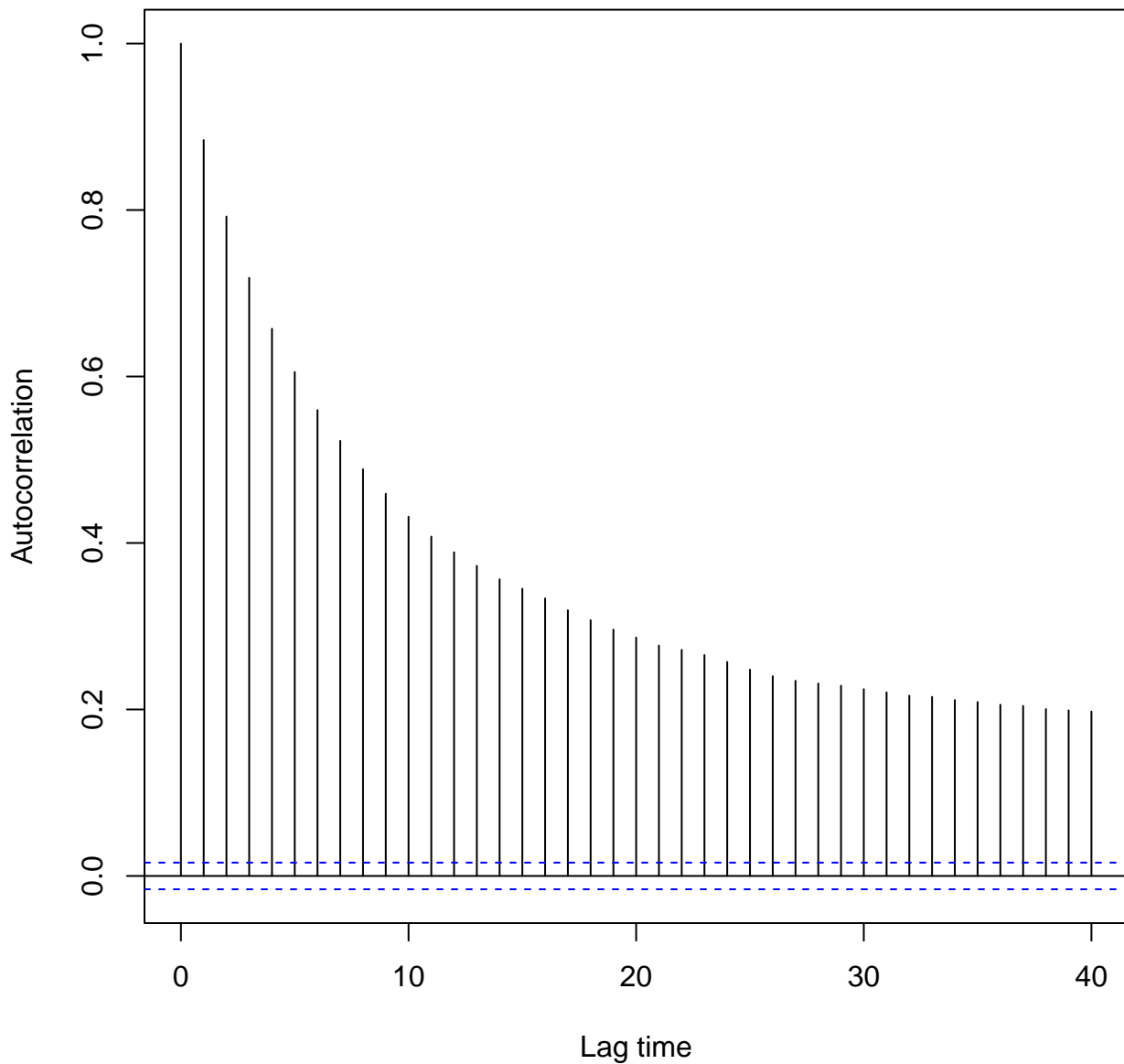
Mutation T ACC Mixture: 2



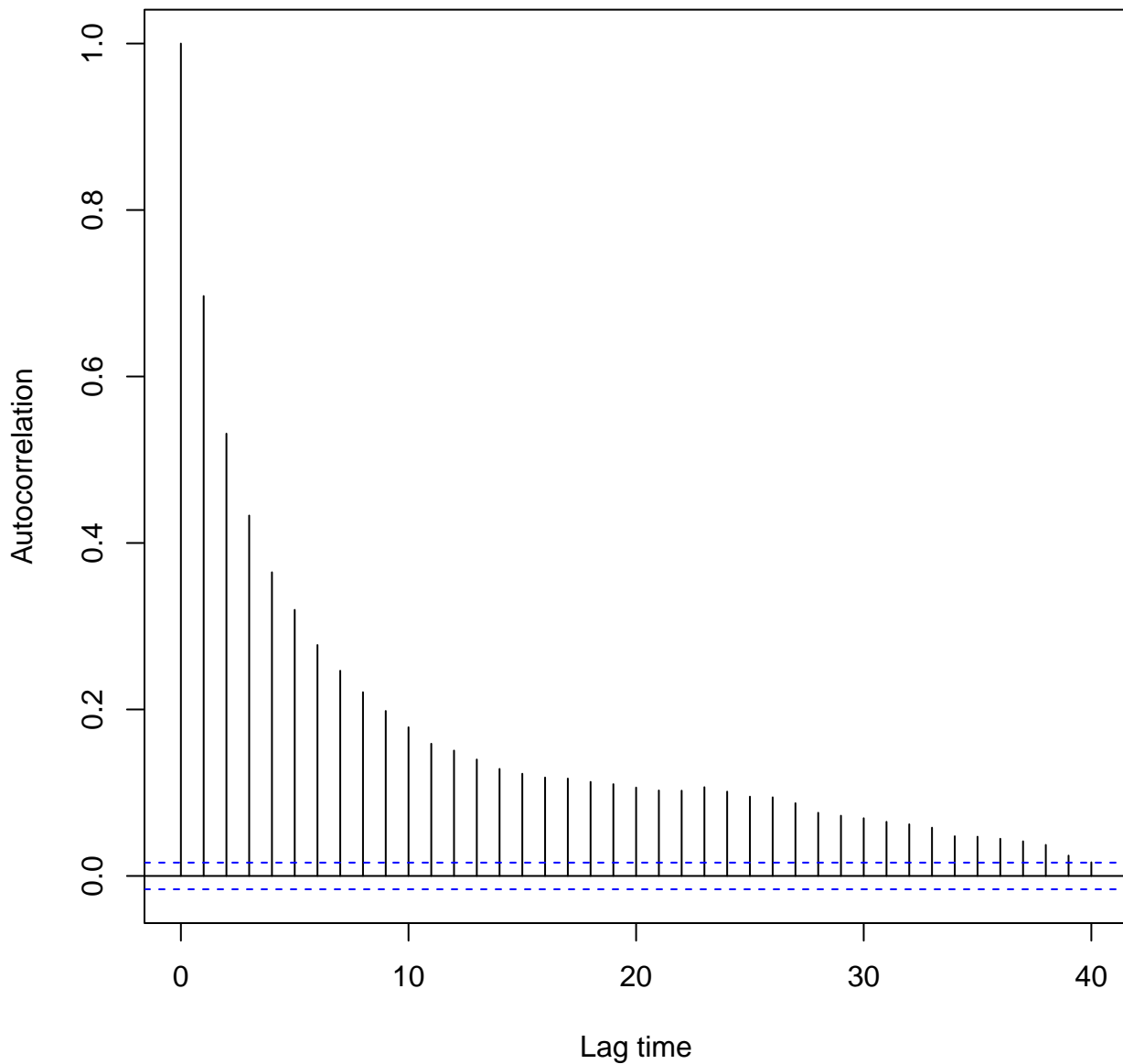
Mutation T ACG Mixture: 1



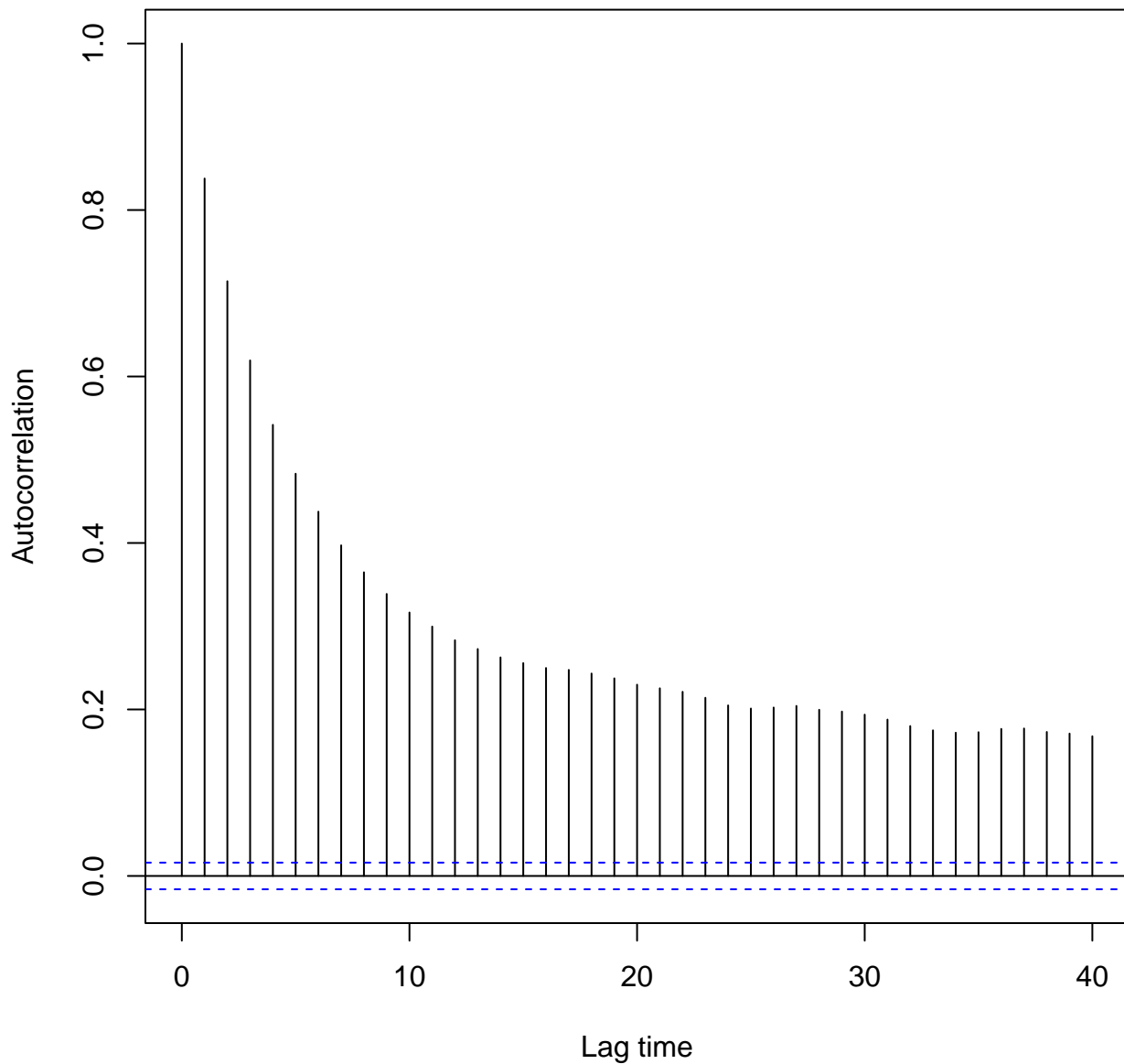
Mutation T ACG Mixture: 2



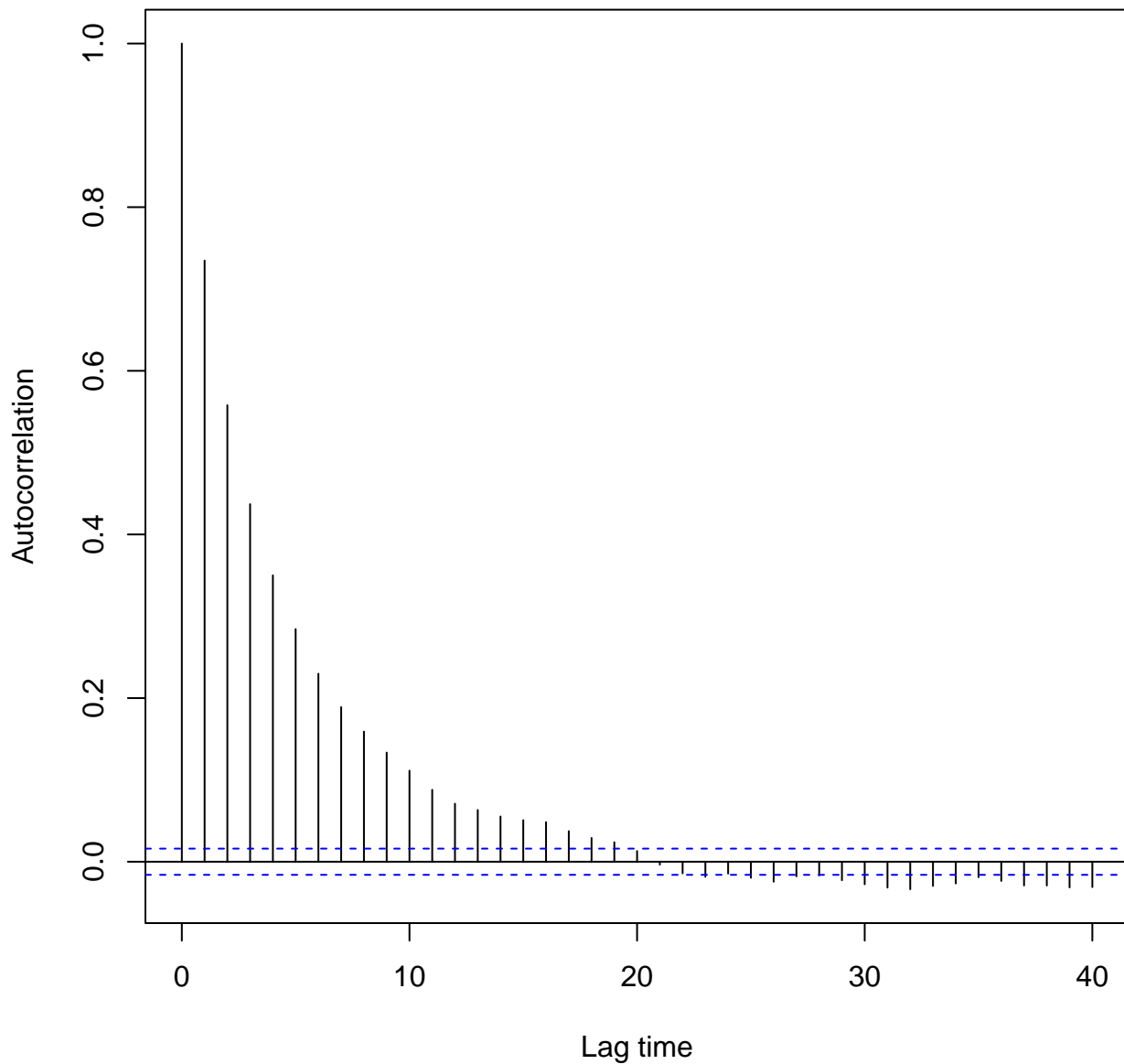
Mutation V GTA Mixture: 1



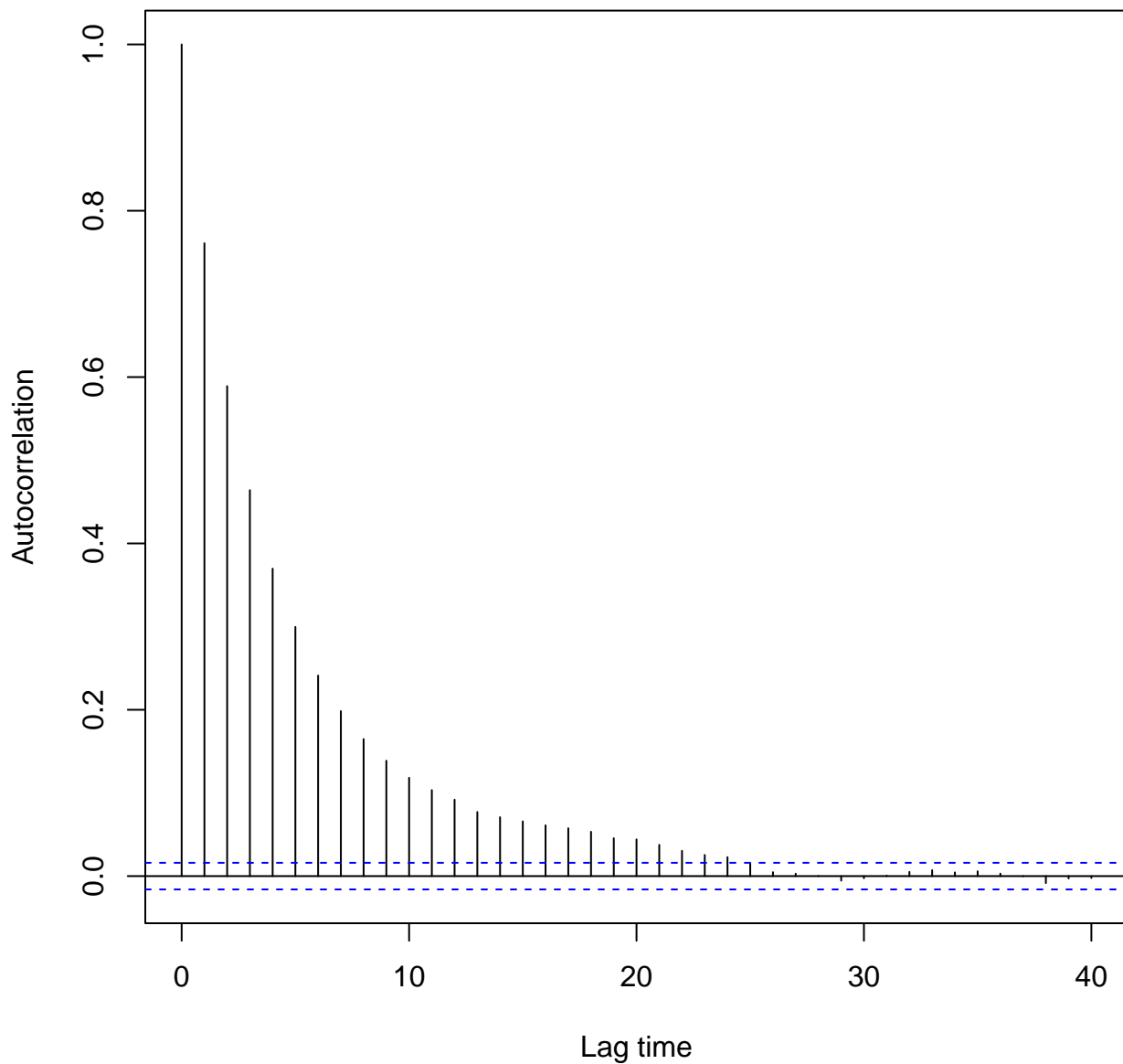
Mutation V GTA Mixture: 2



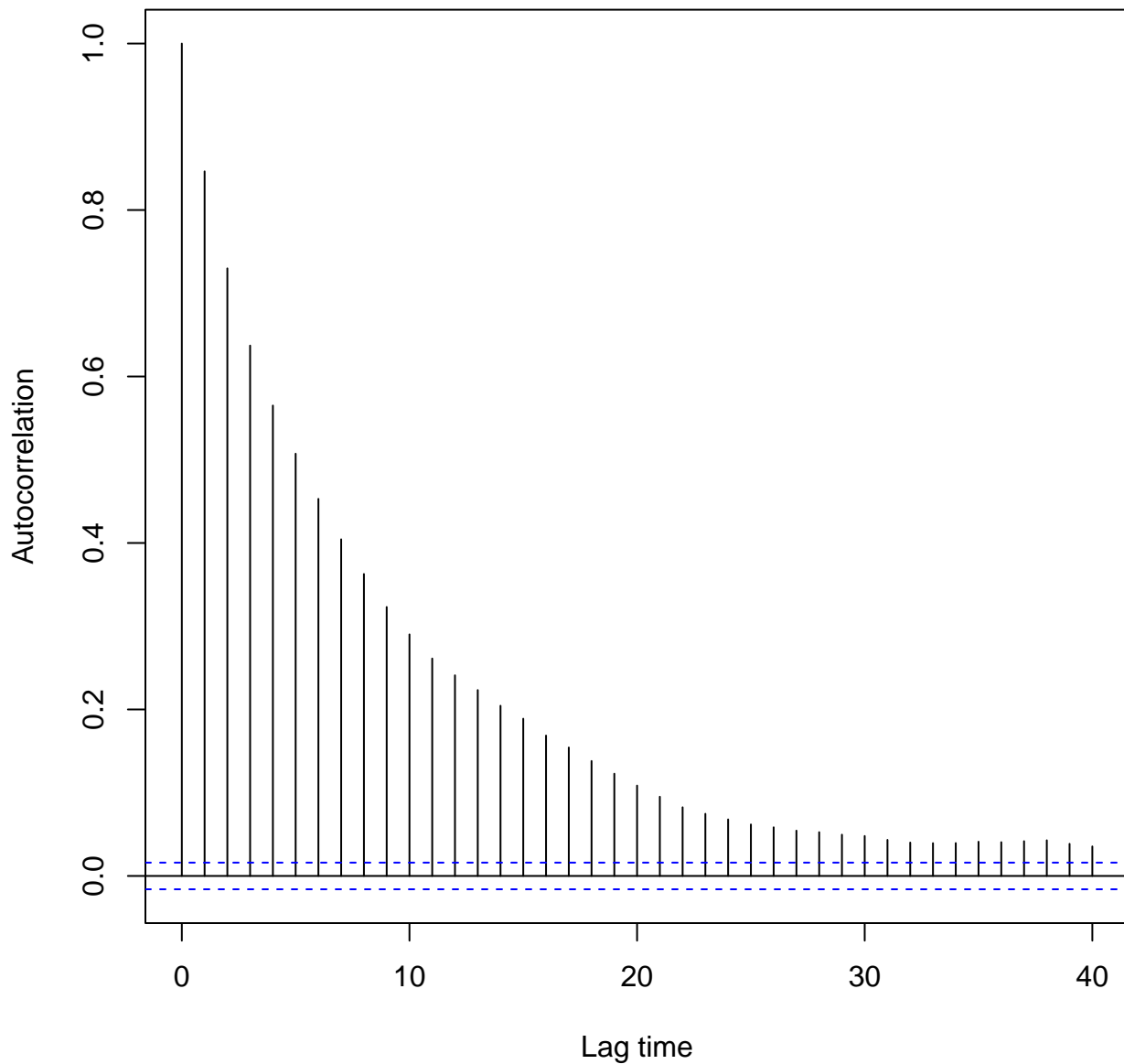
Mutation V GTC Mixture: 1



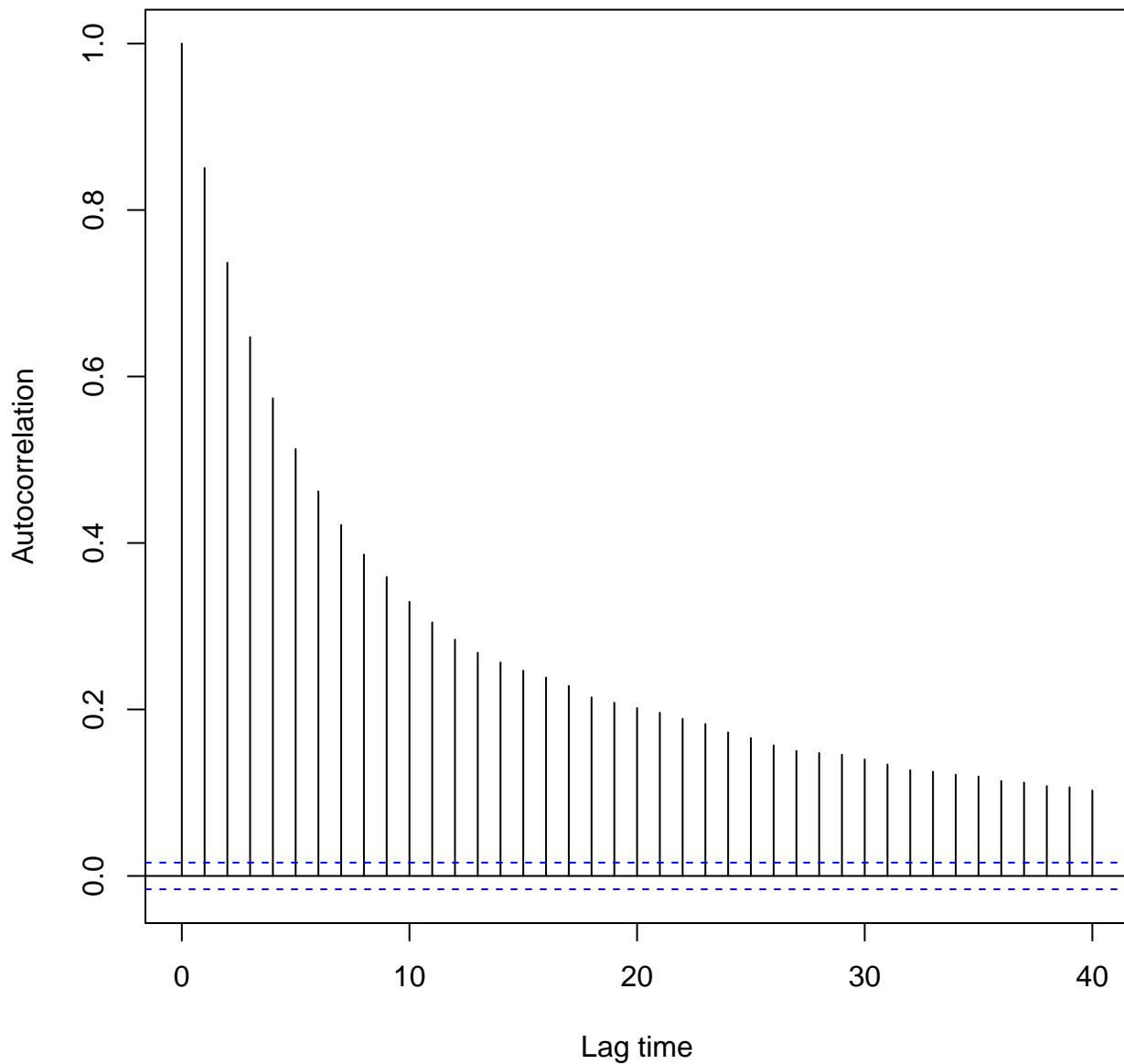
Mutation V GTC Mixture: 2



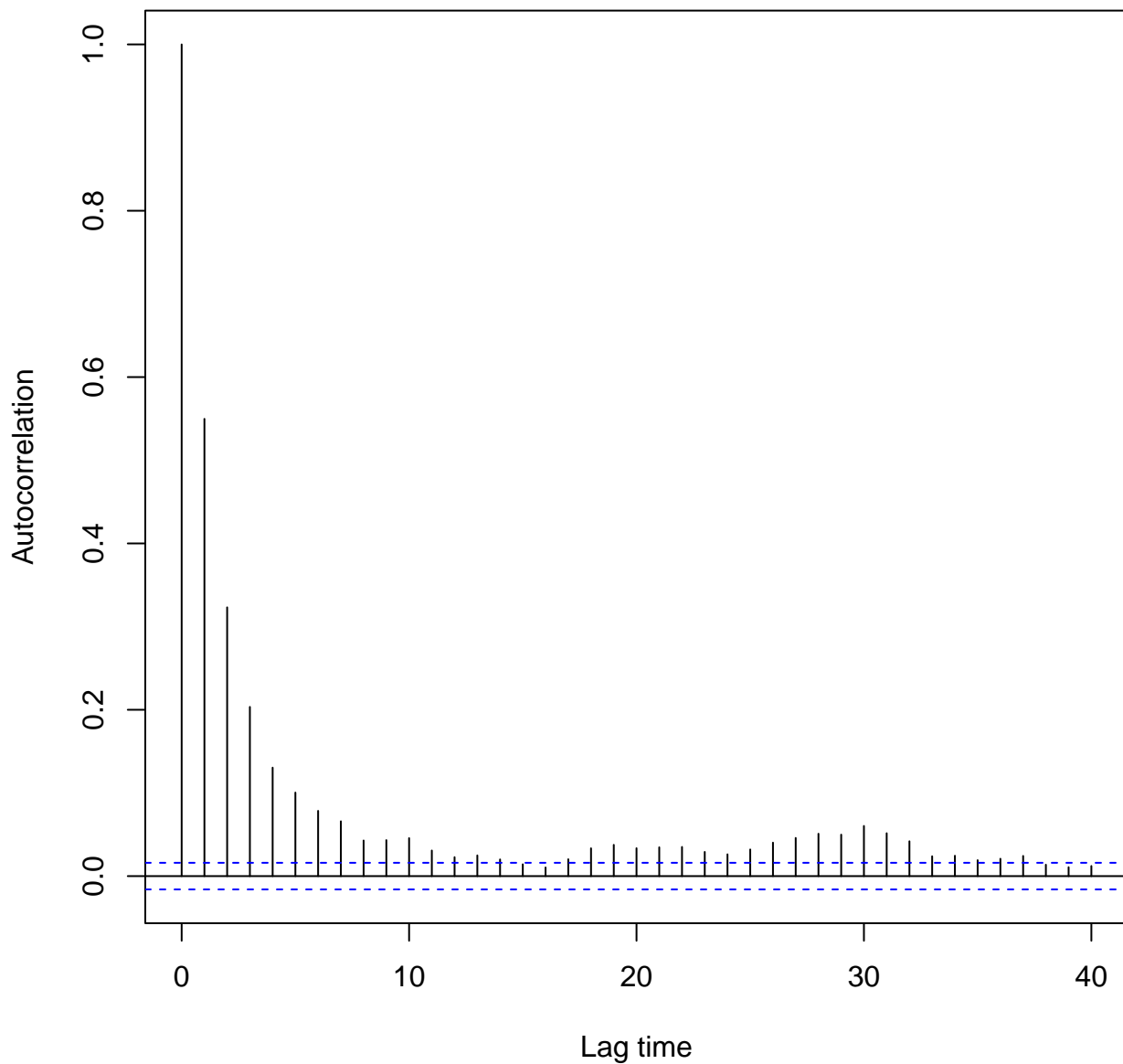
Mutation V GTG Mixture: 1



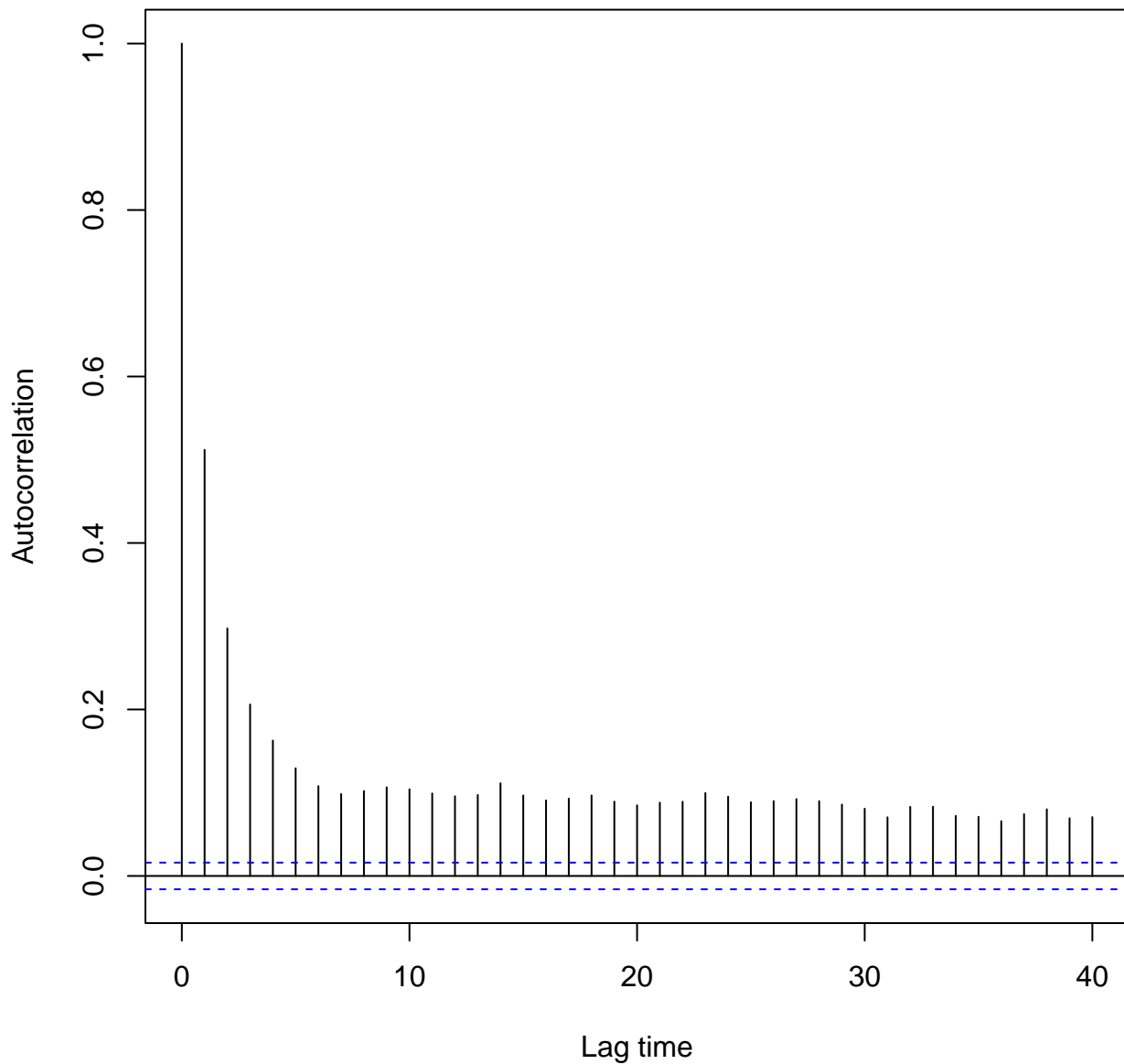
Mutation V GTG Mixture: 2



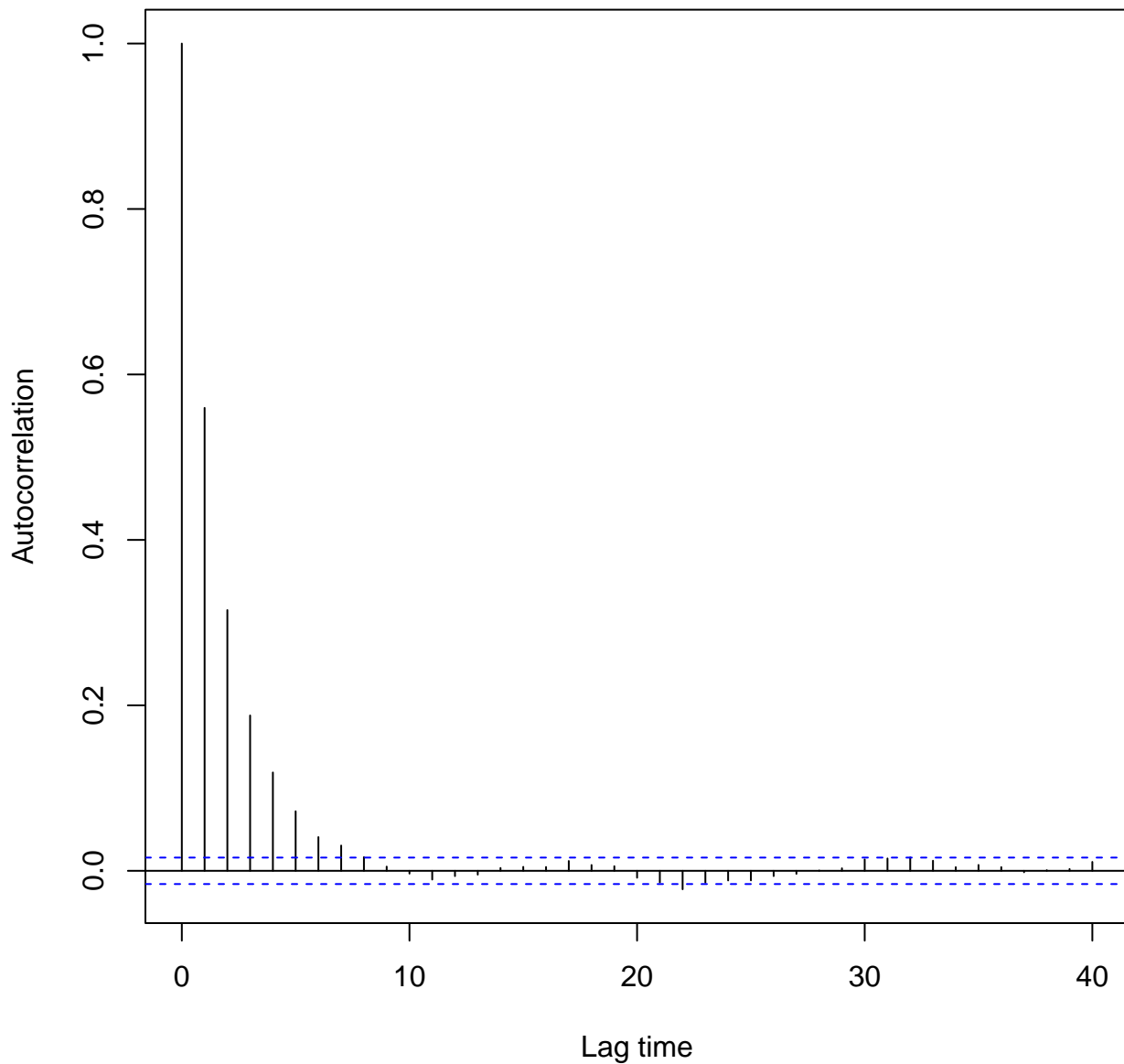
Mutation Y TAC Mixture: 1



Mutation Y TAC Mixture: 2



Mutation Z AGC Mixture: 1



Mutation Z AGC Mixture: 2

