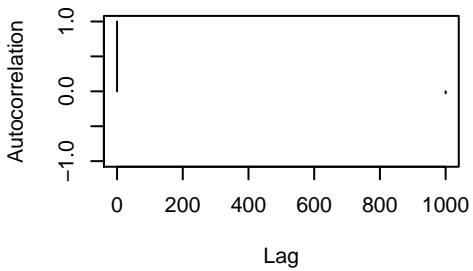
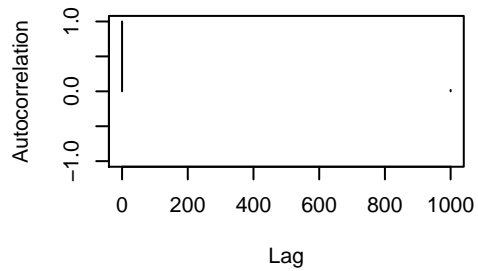
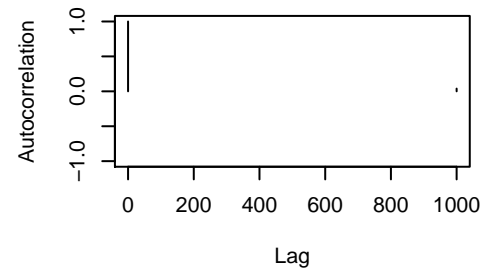
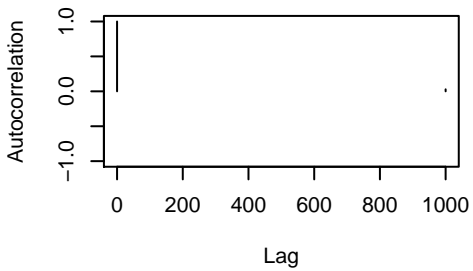
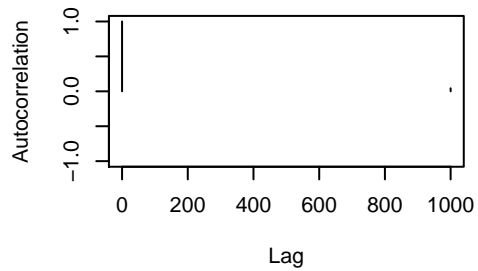
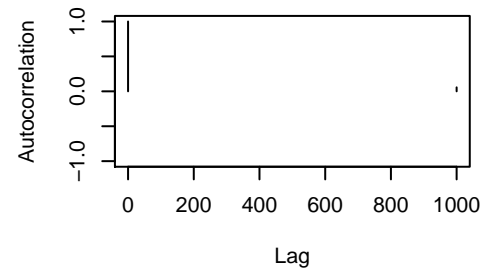
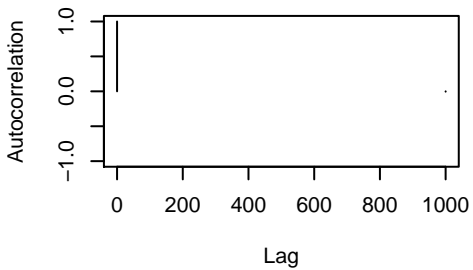
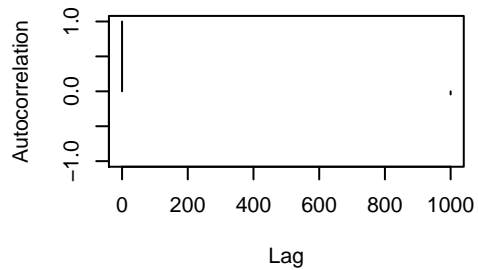
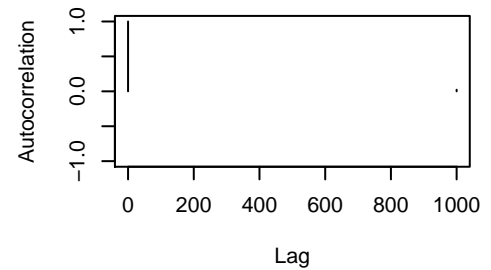
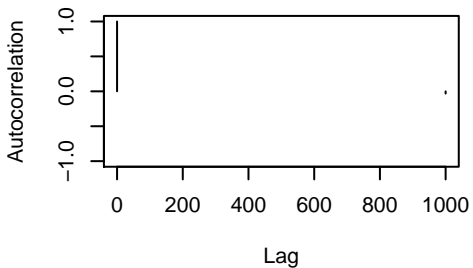
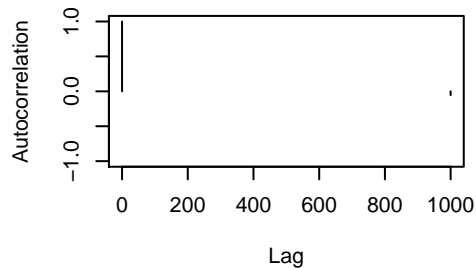
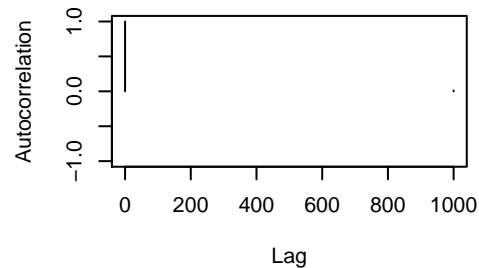
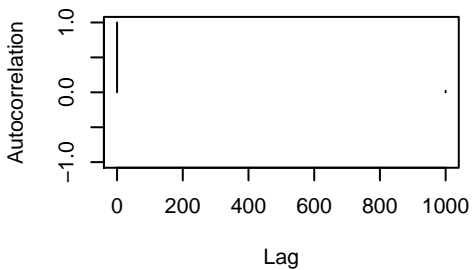
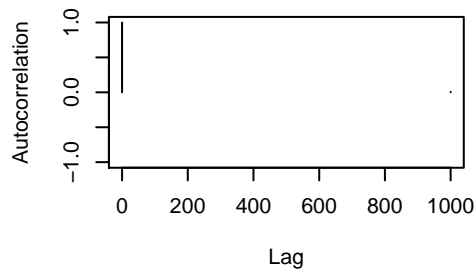
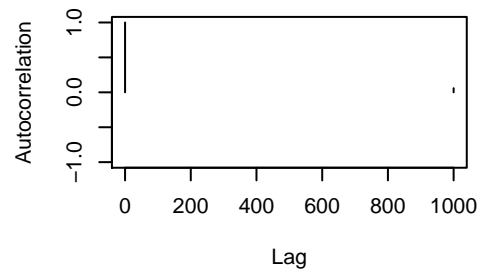
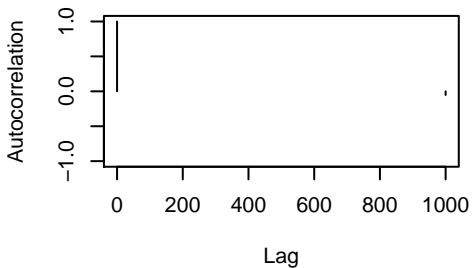
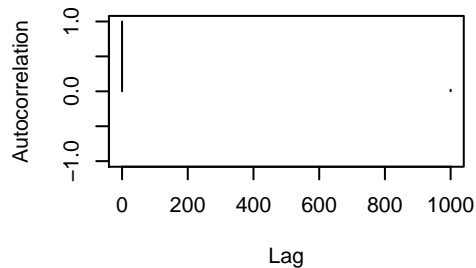
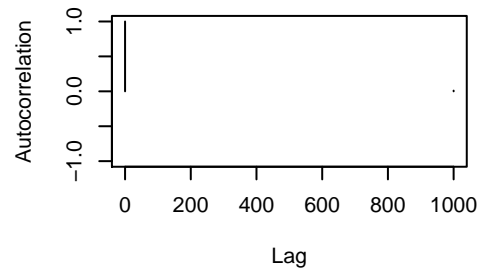
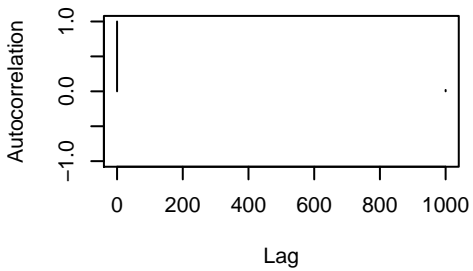
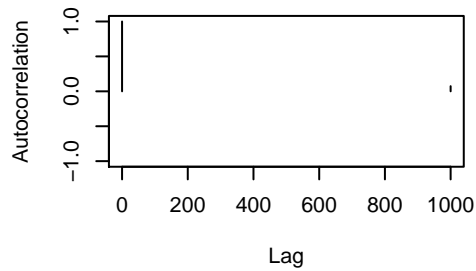
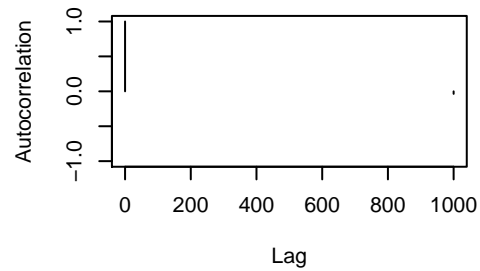
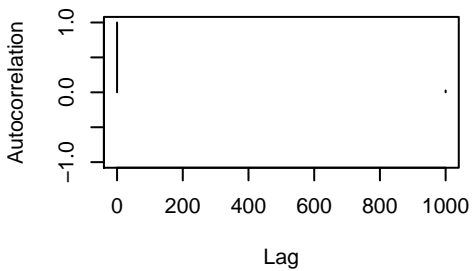
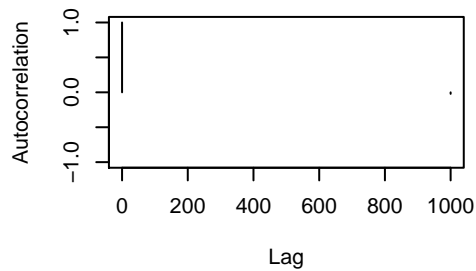
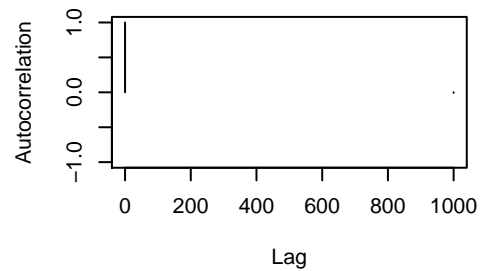
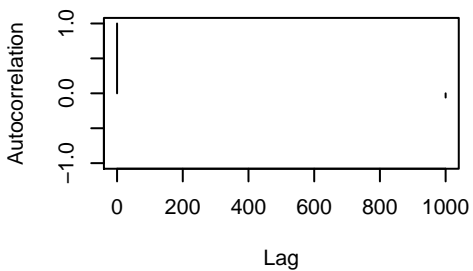
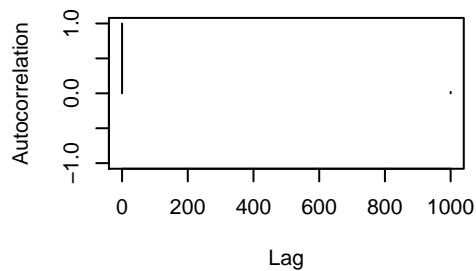
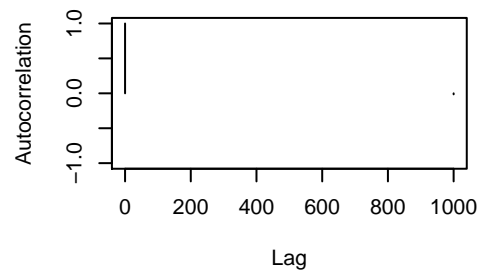
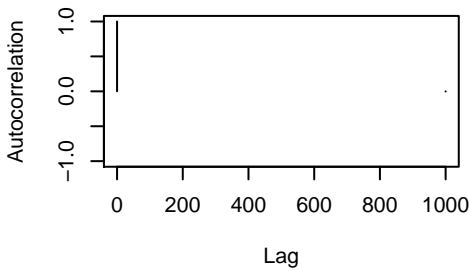
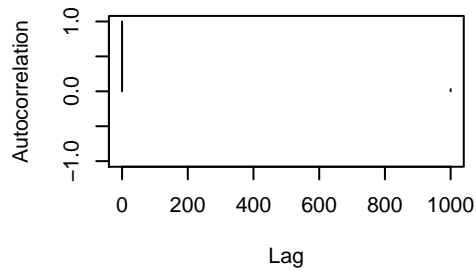
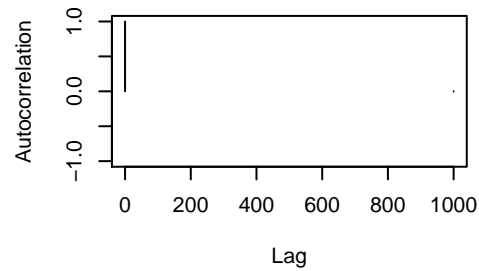
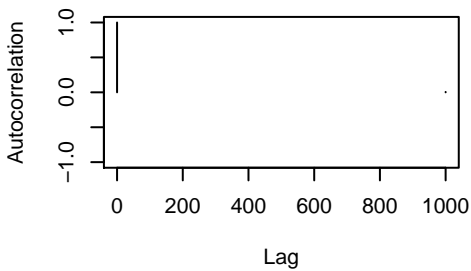
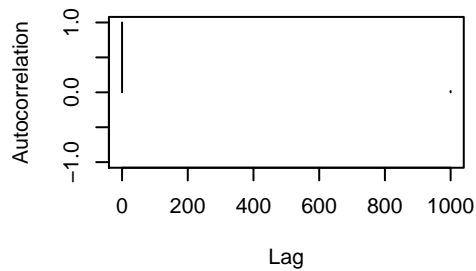
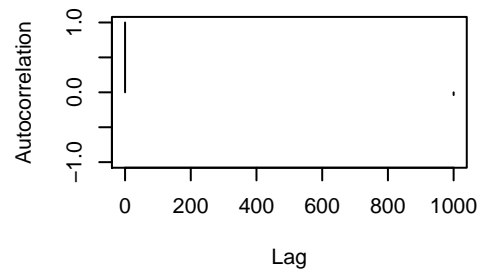
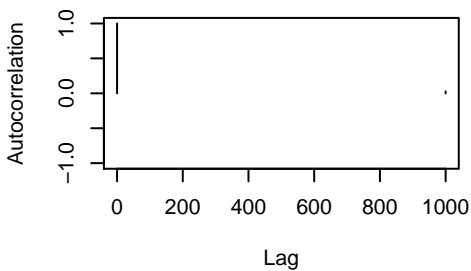
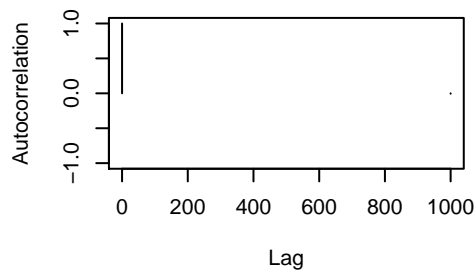
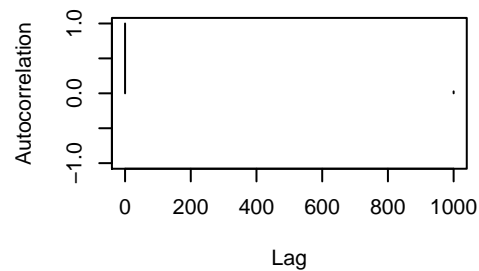
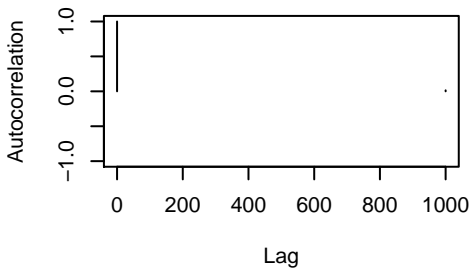
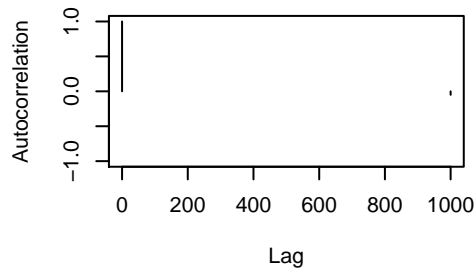
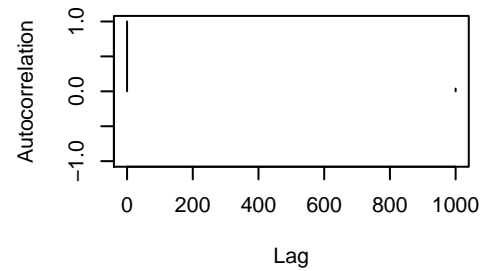
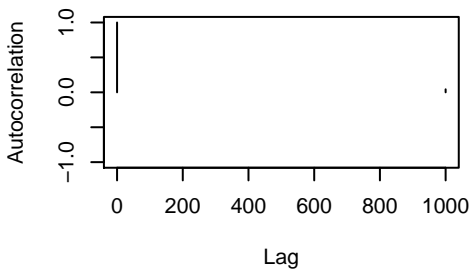
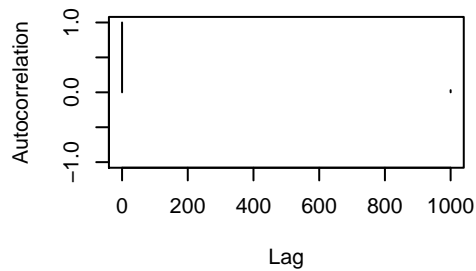
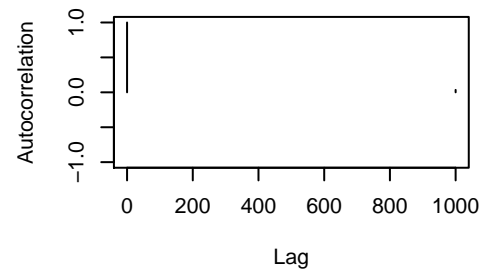
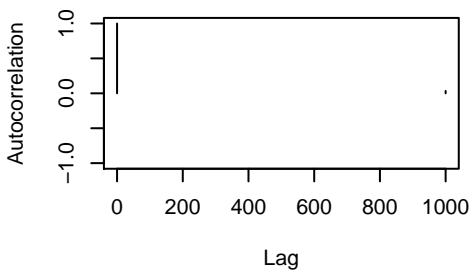
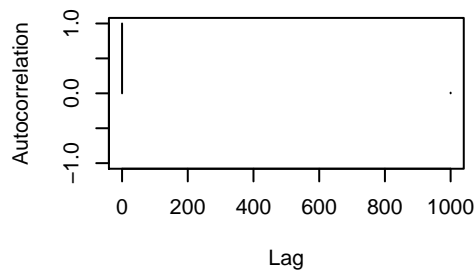
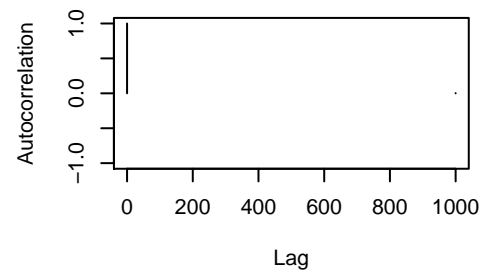


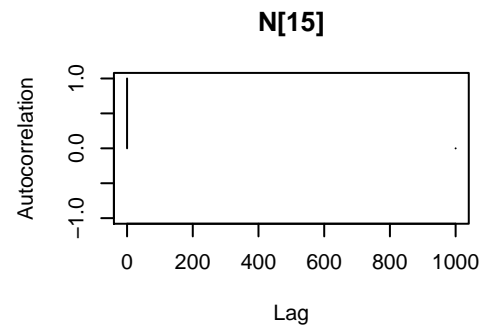
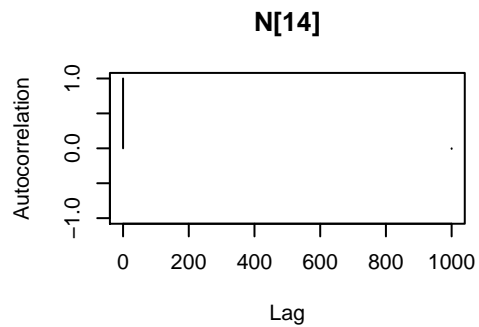
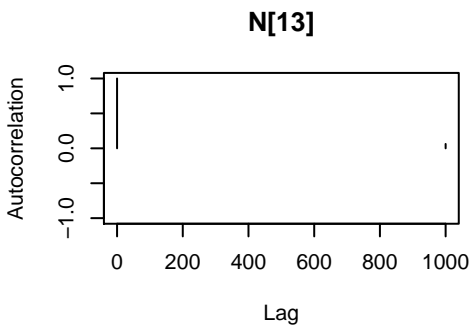
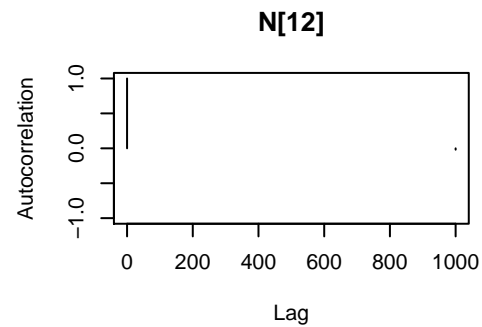
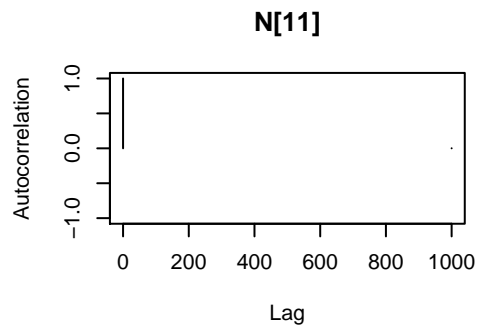
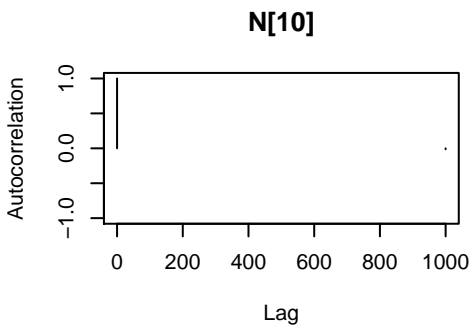
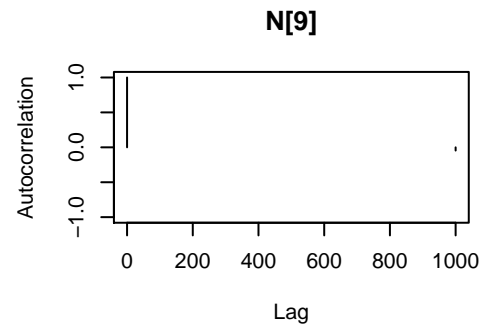
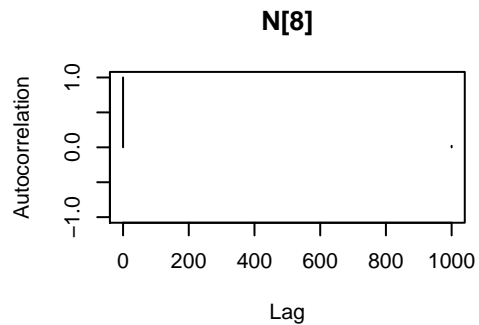
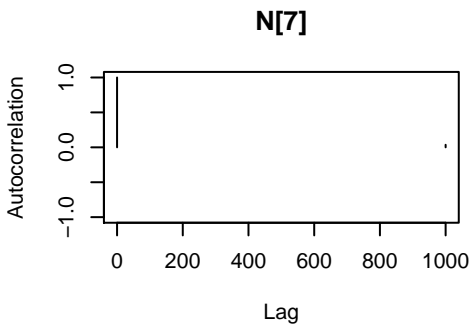
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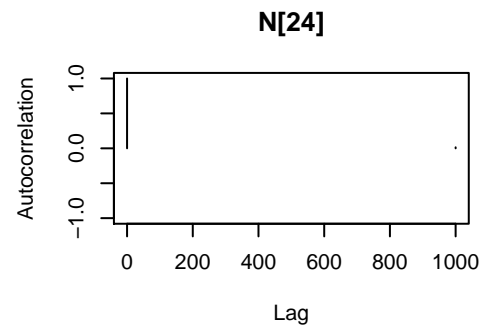
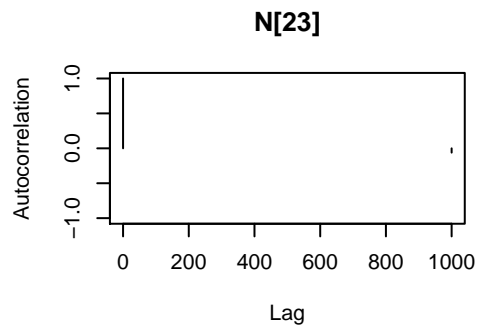
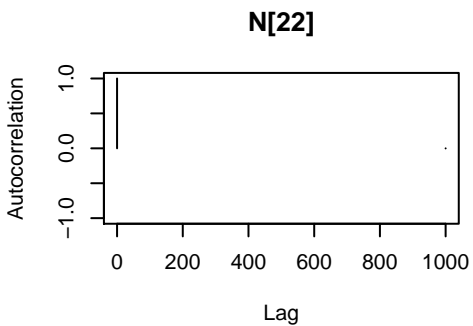
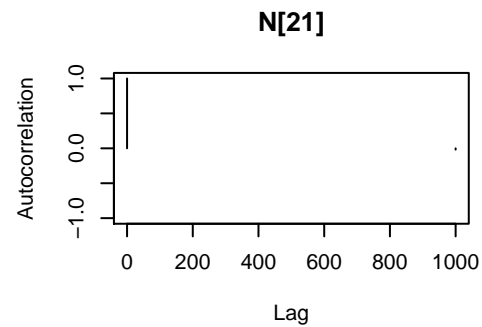
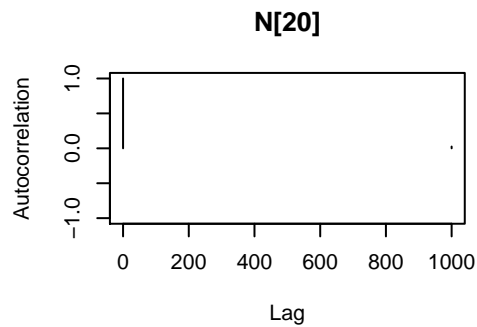
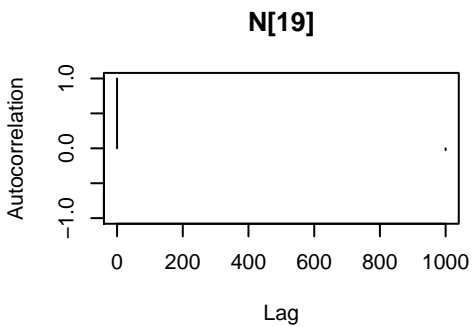
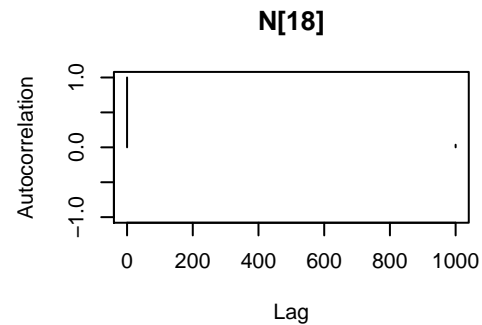
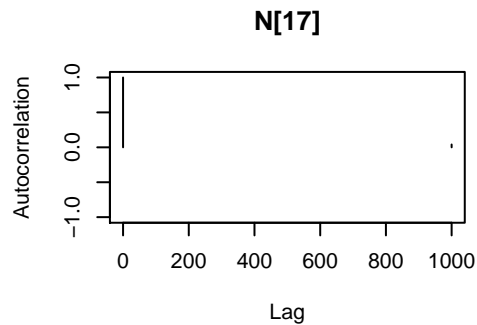
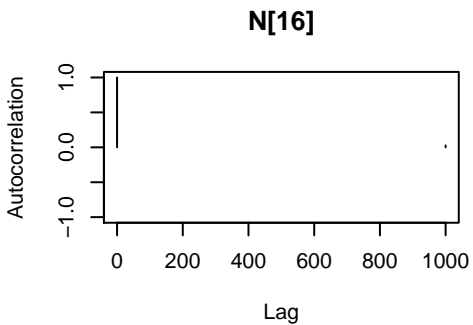
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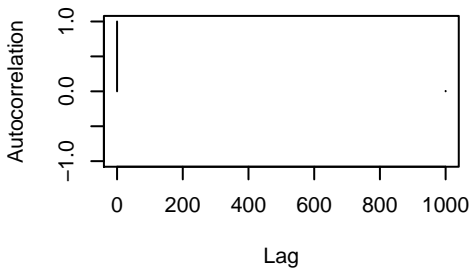
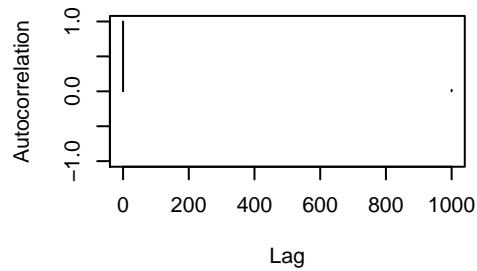
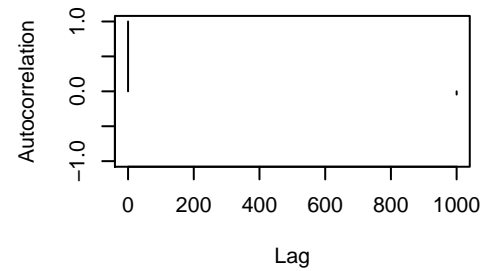
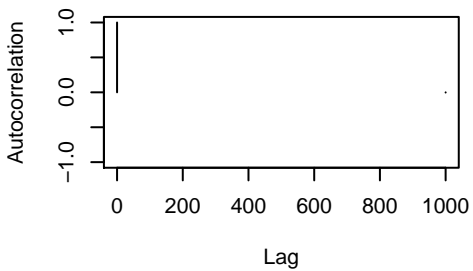
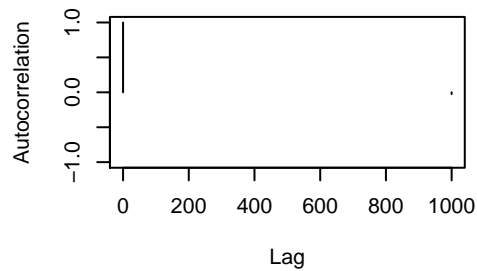
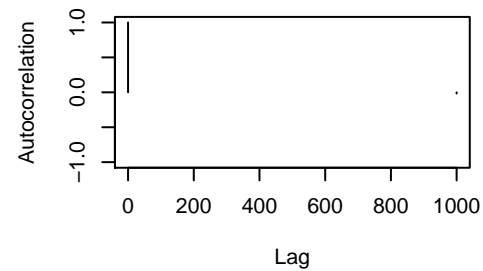
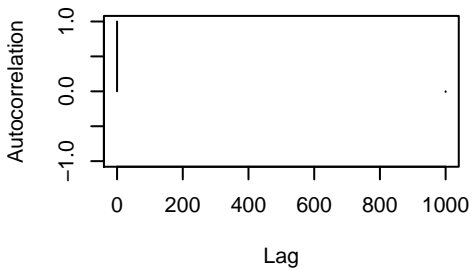
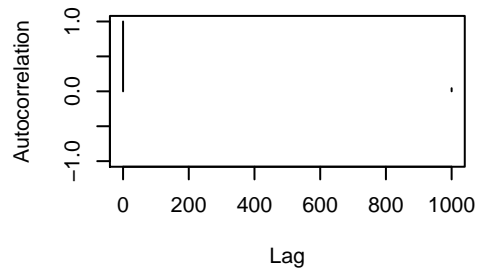
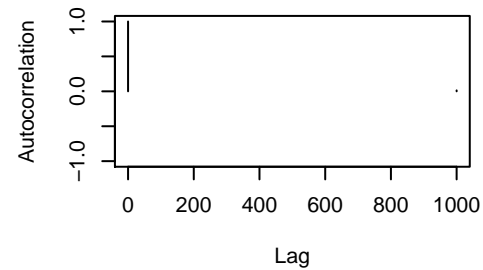
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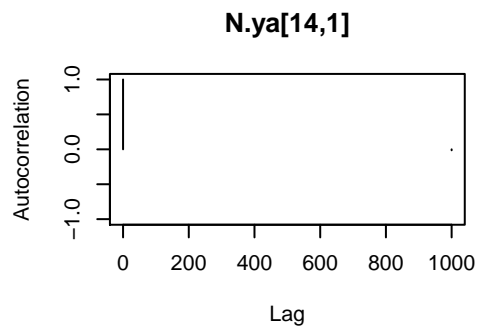
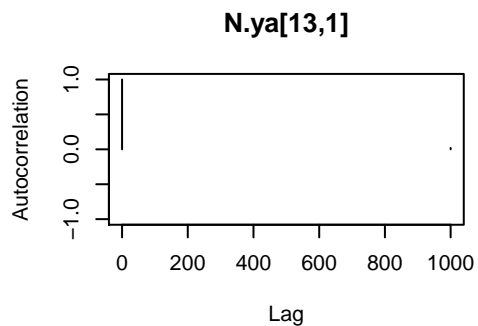
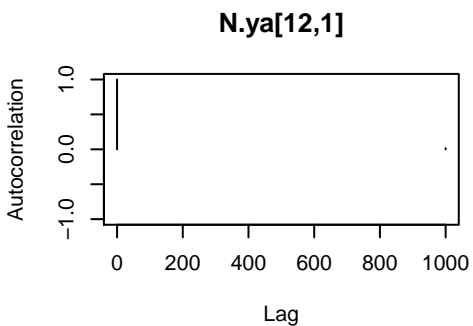
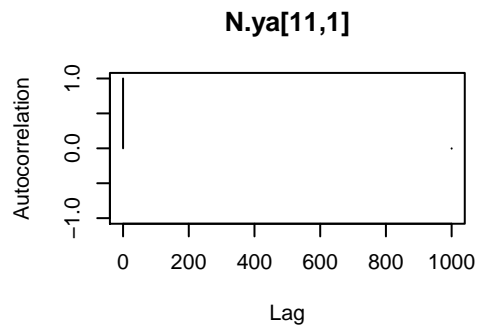
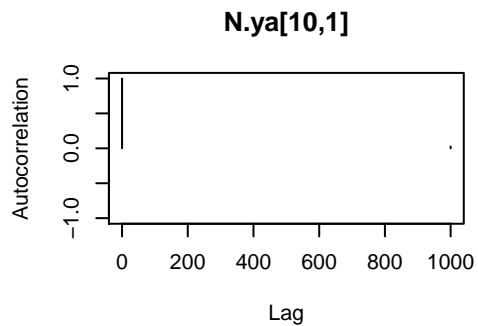
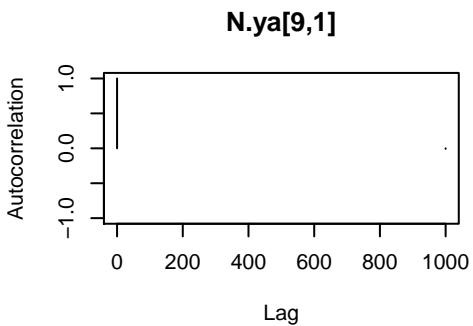
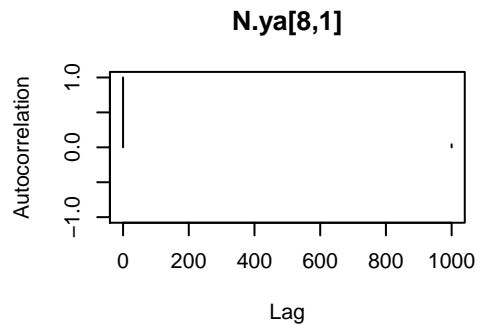
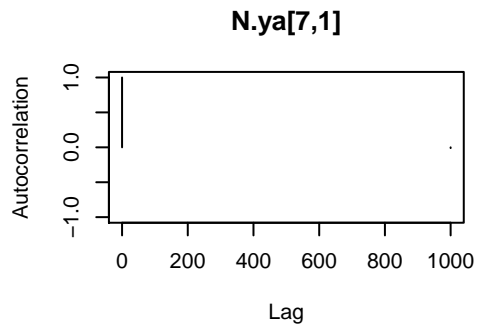
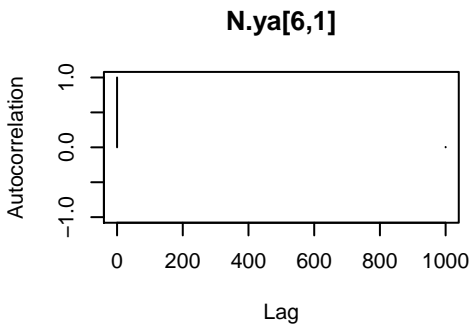
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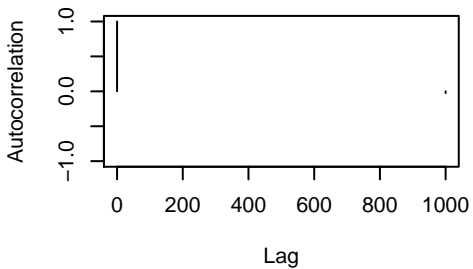
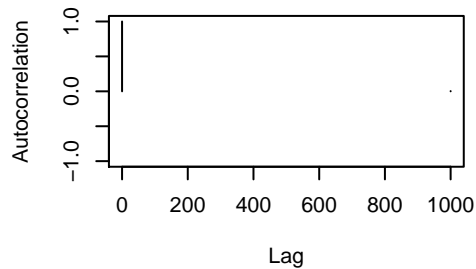
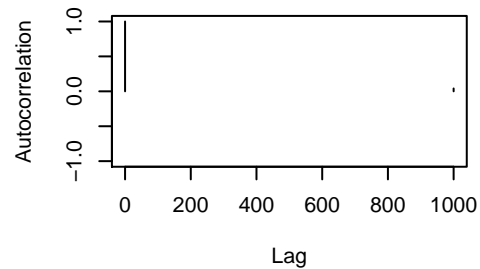
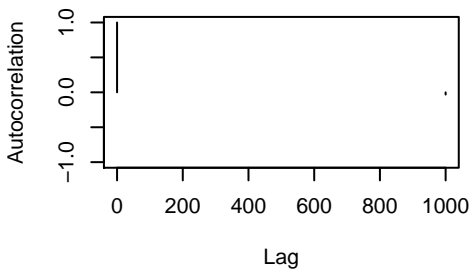
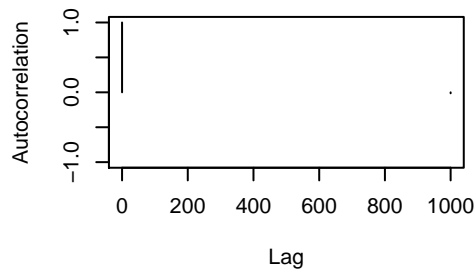
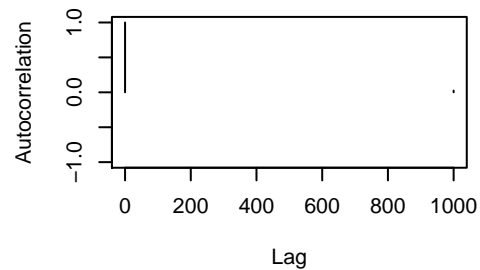
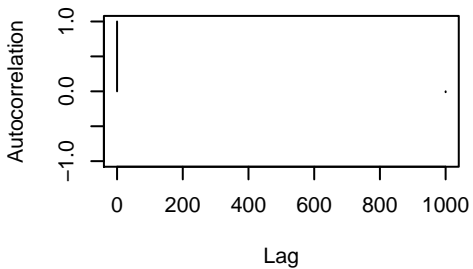
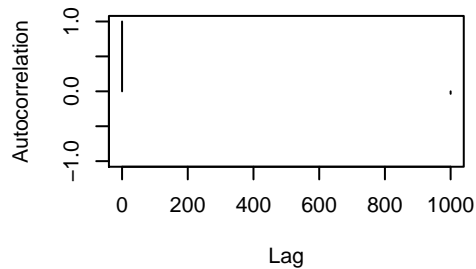
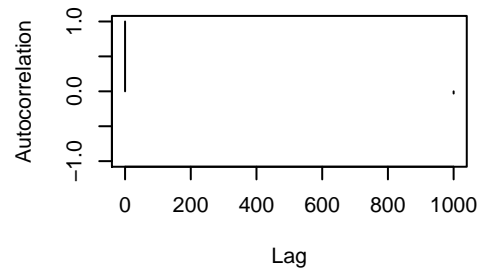
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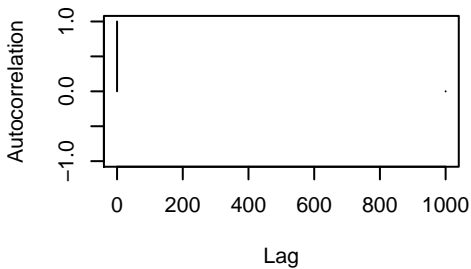
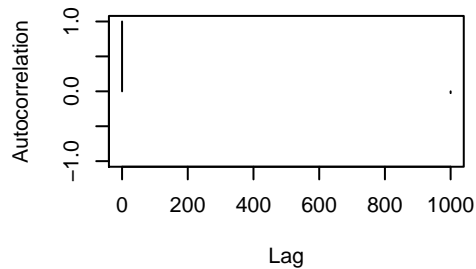
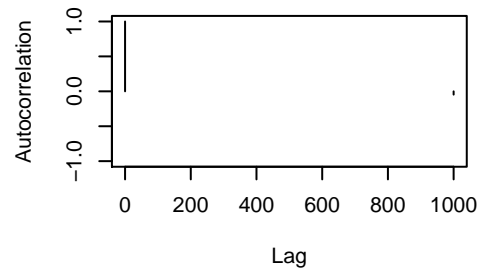
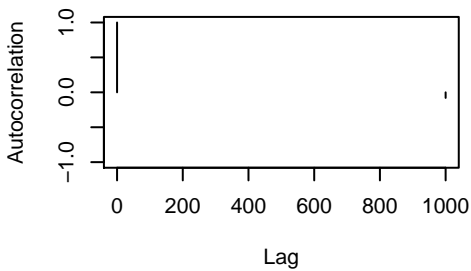
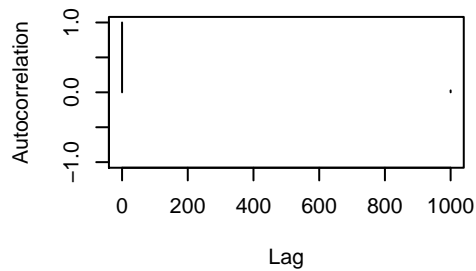
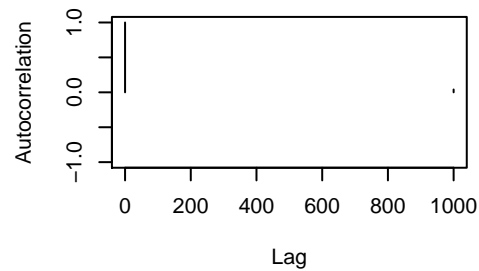
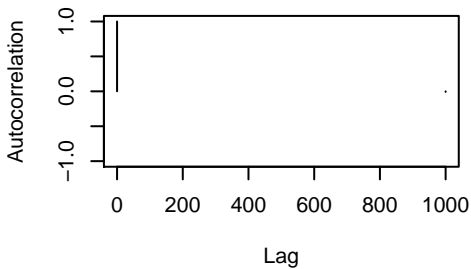
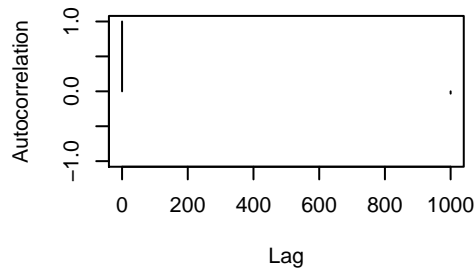
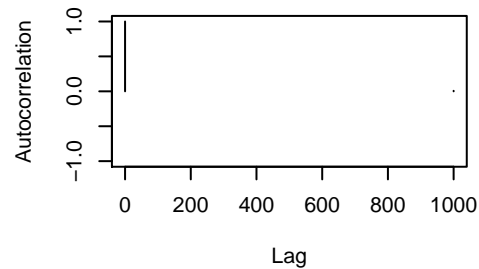


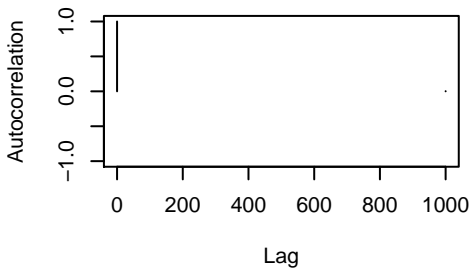
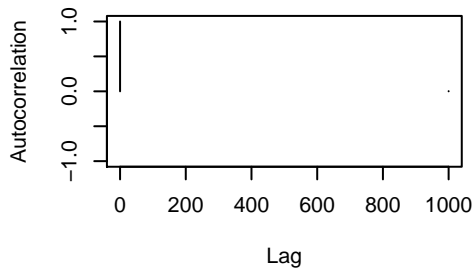
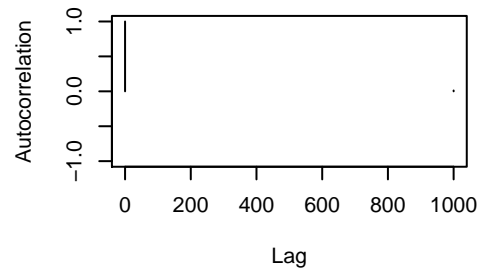
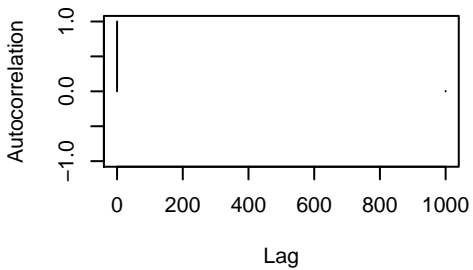
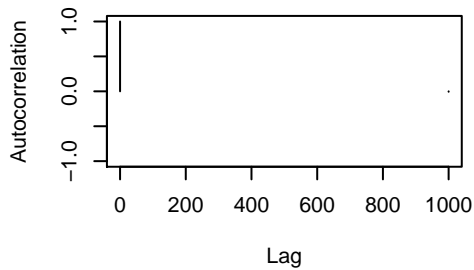
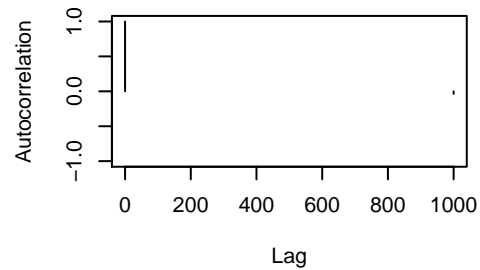
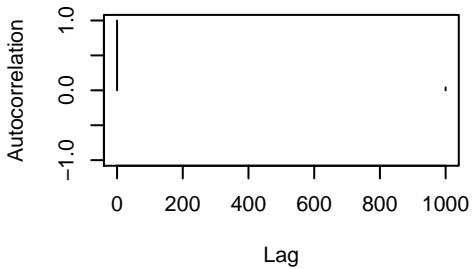
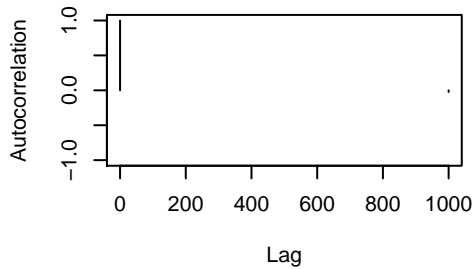
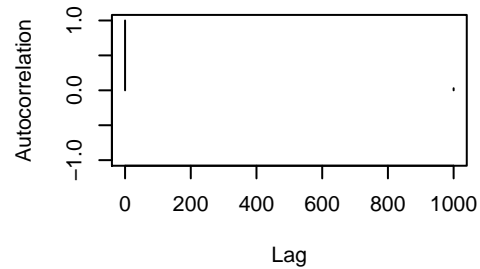


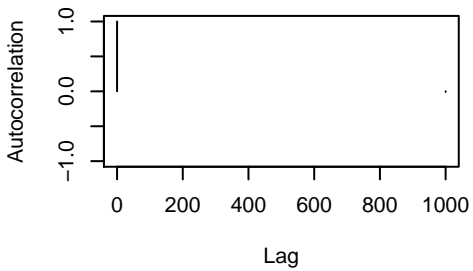
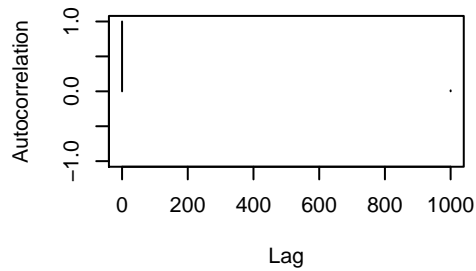
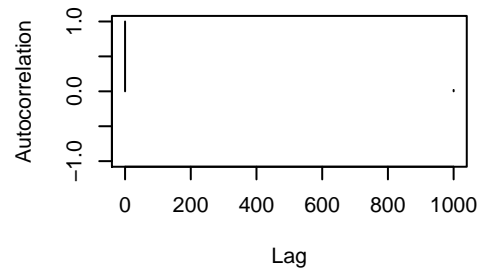
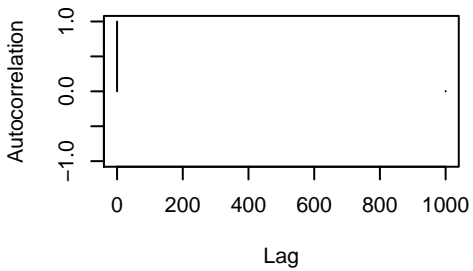
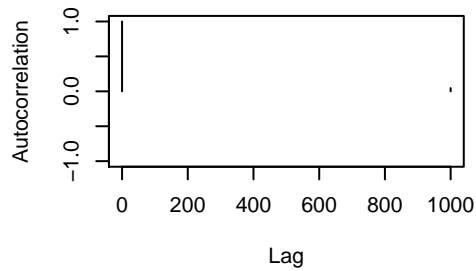
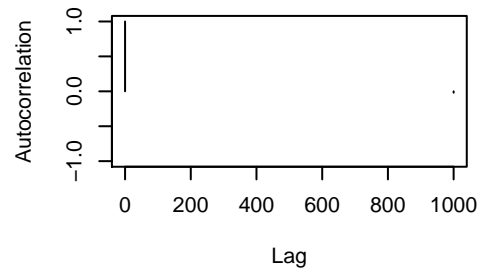
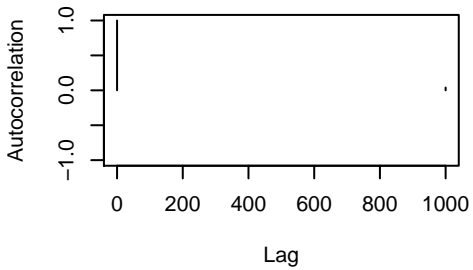
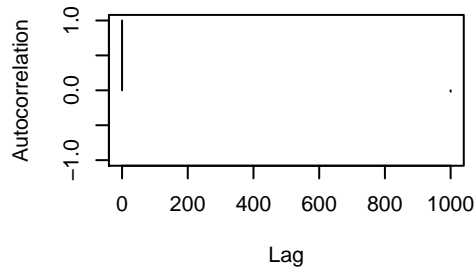
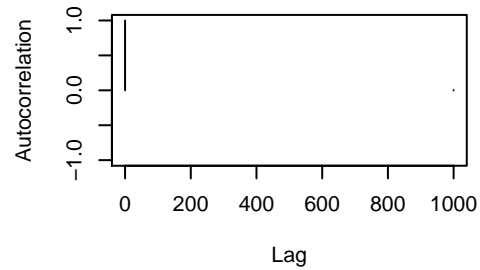
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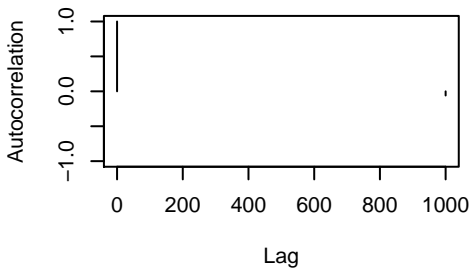
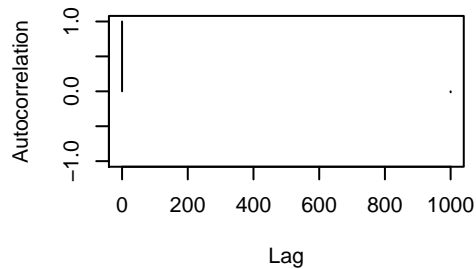
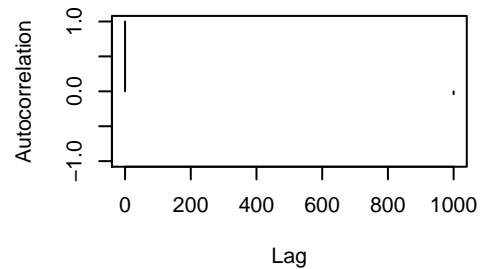
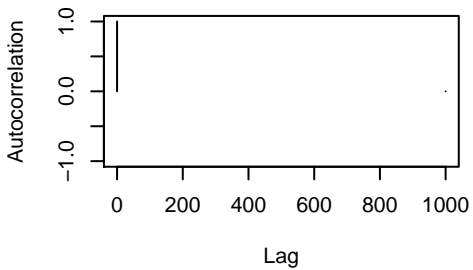
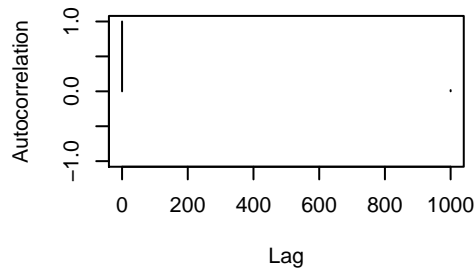
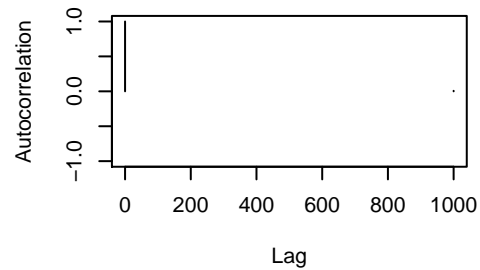
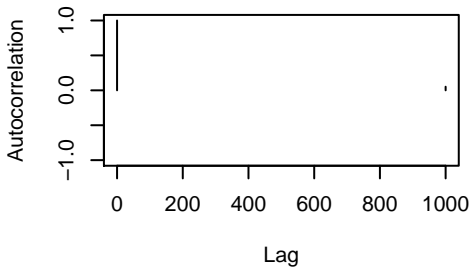
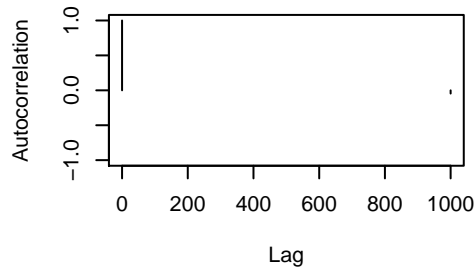
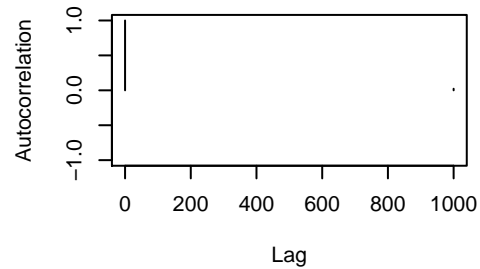


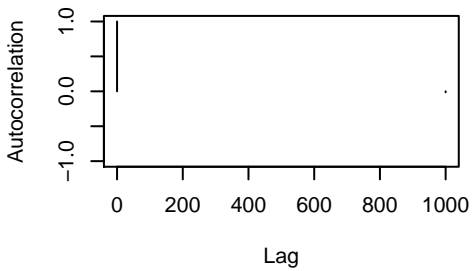
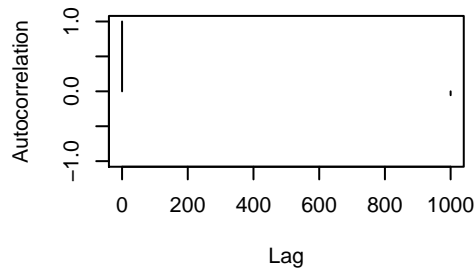
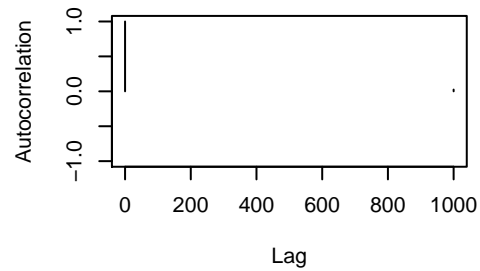
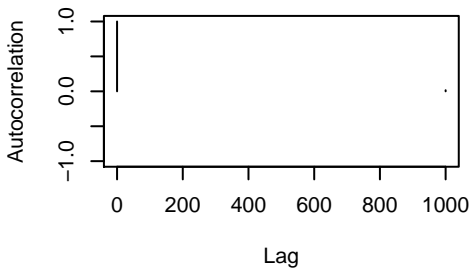
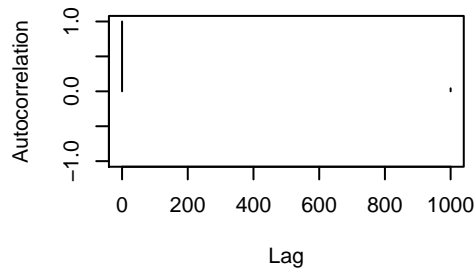
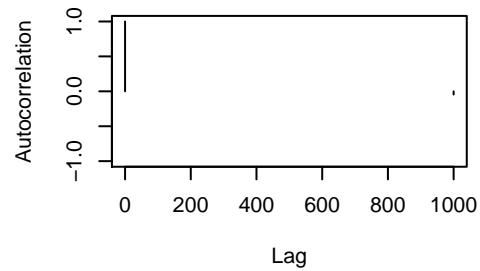
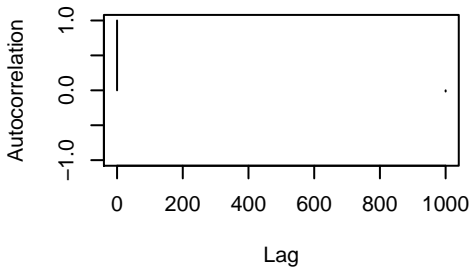
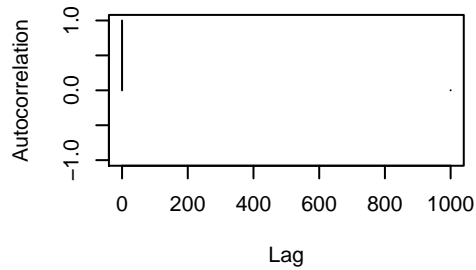
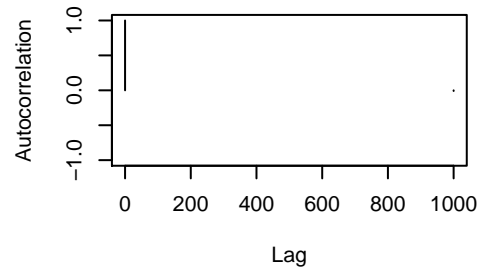
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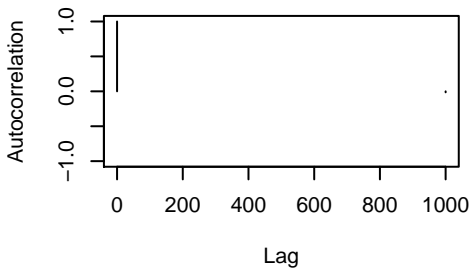
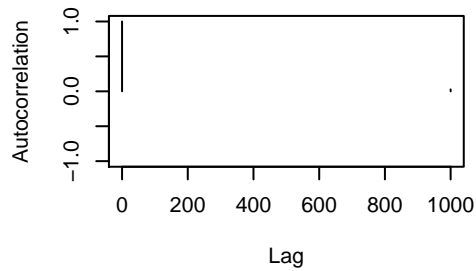
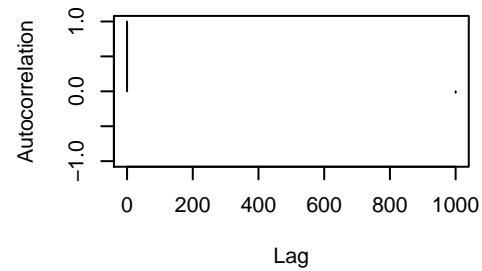
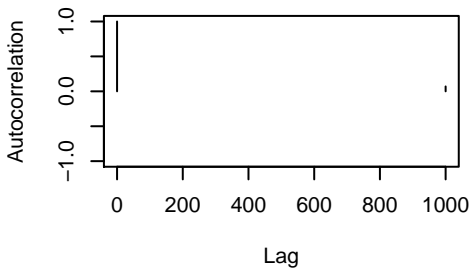
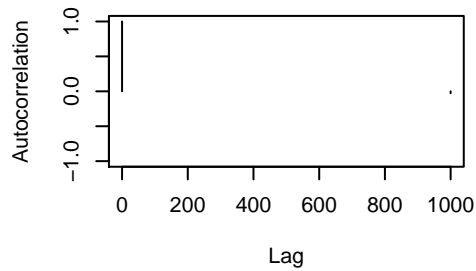
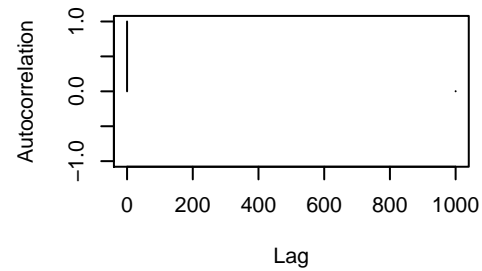
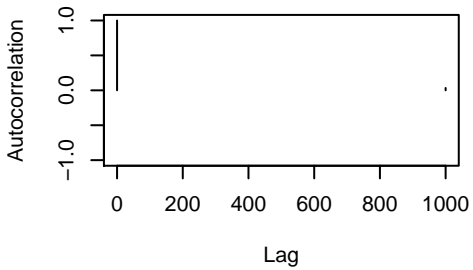
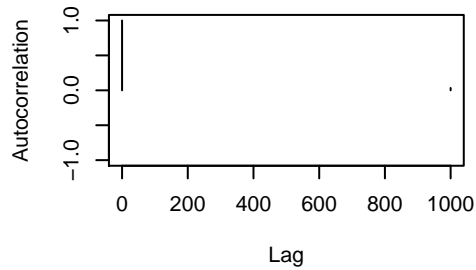
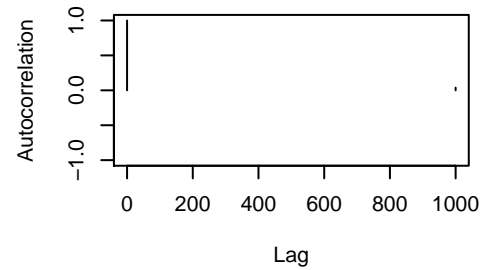
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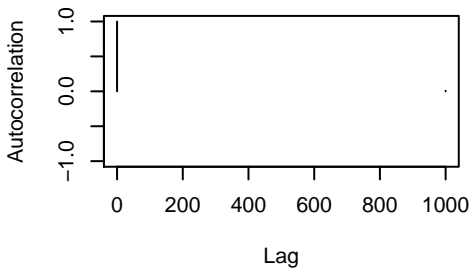
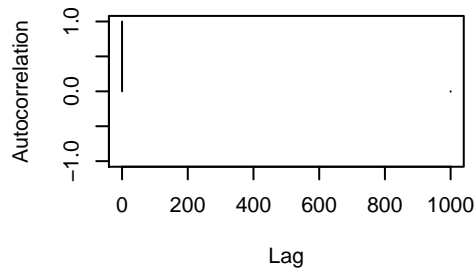
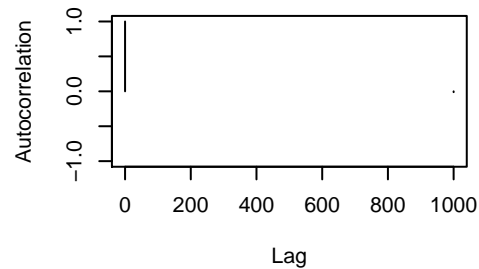
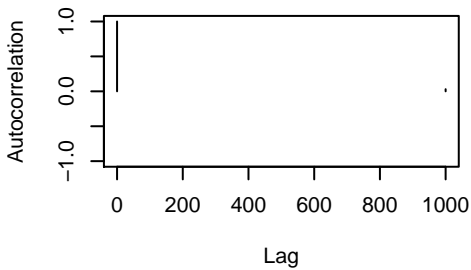
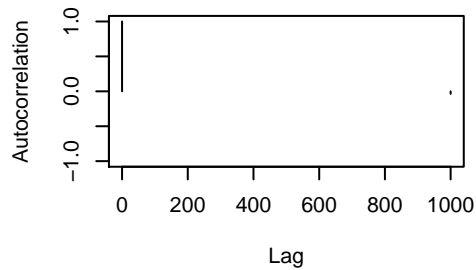
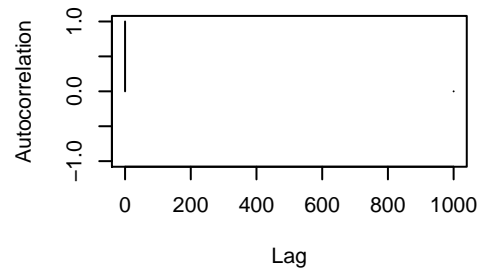
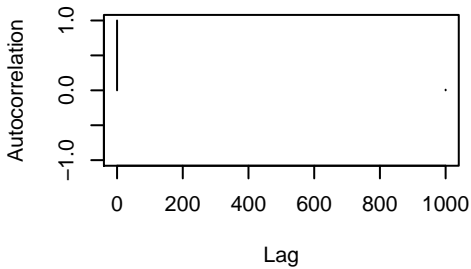
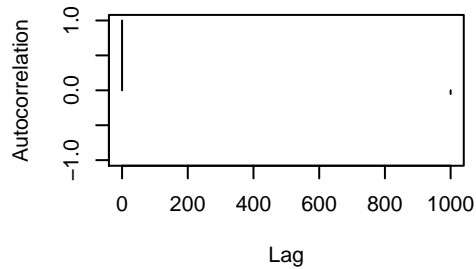
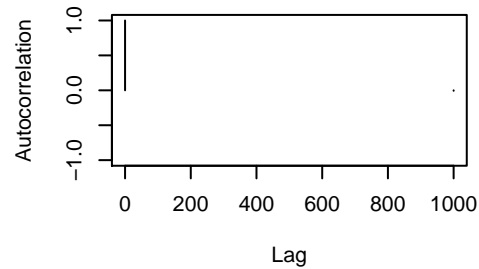
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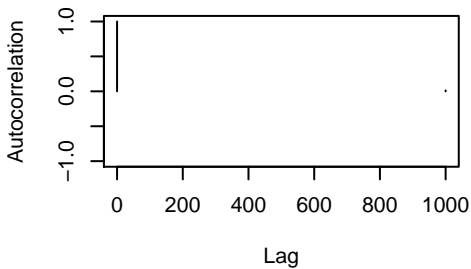
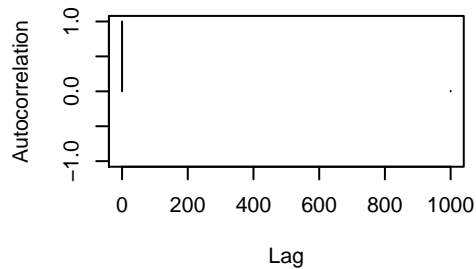
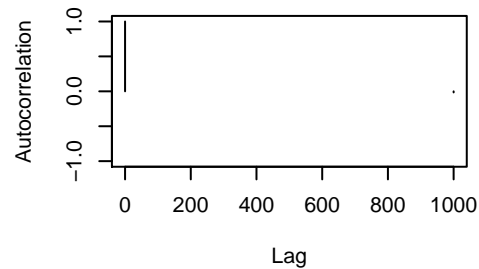
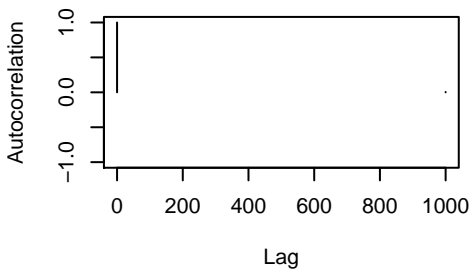
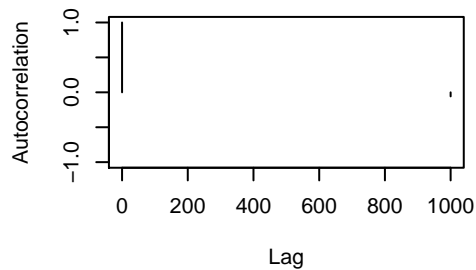
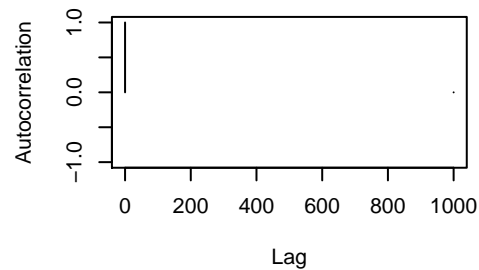
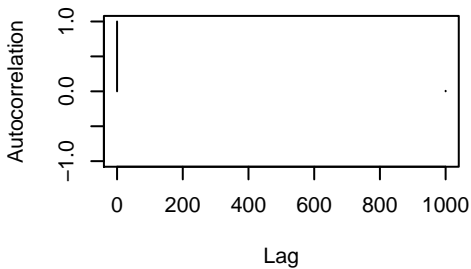
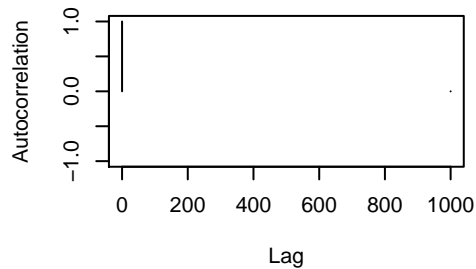
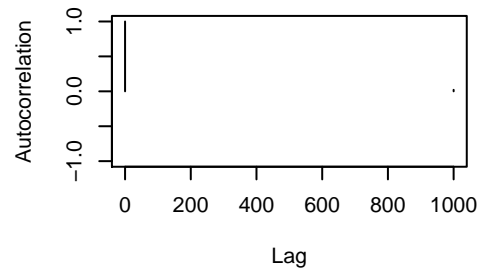
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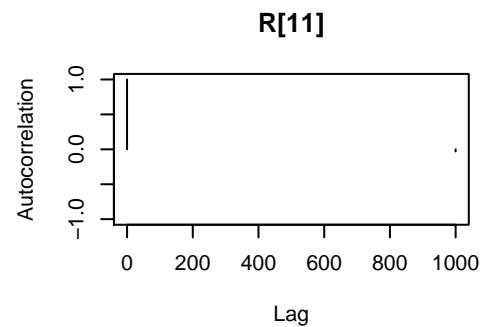
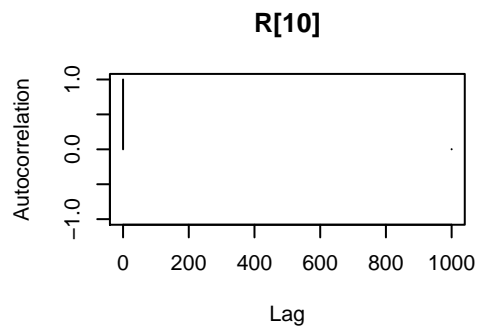
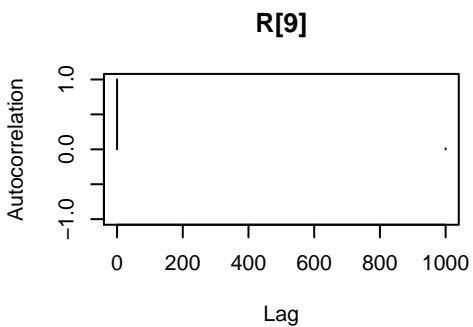
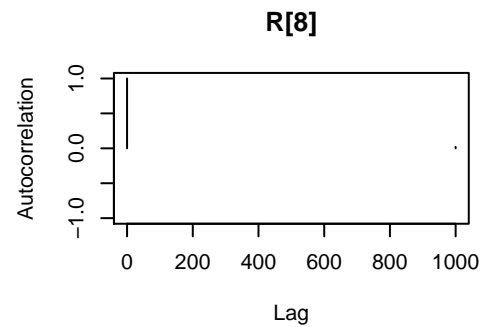
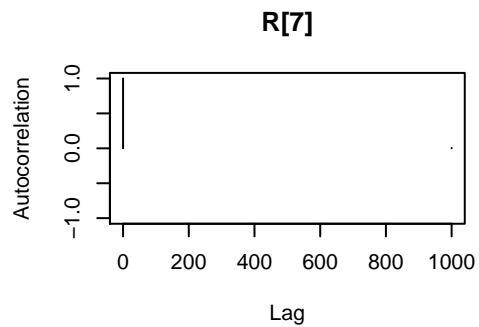
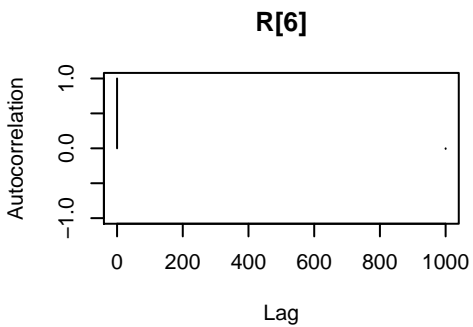
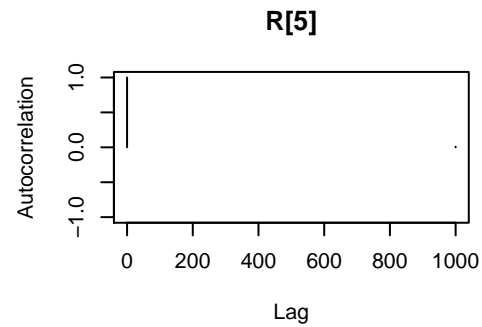
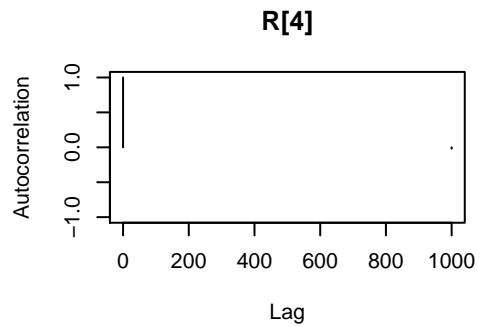
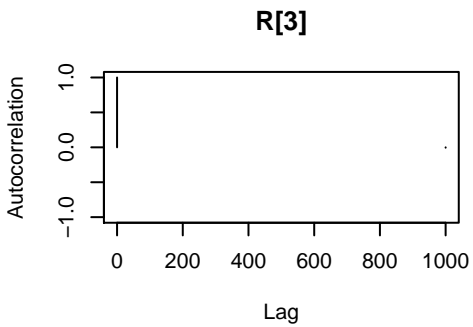
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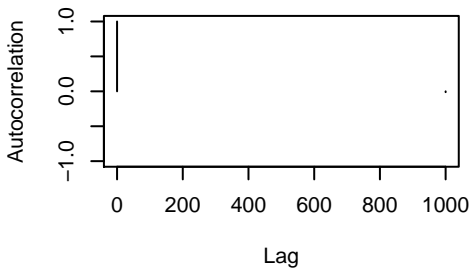
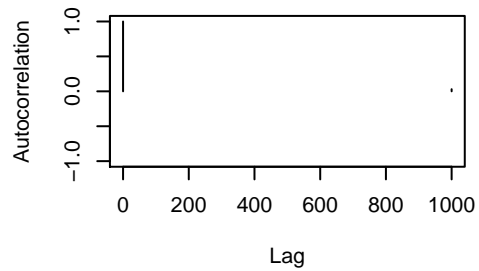
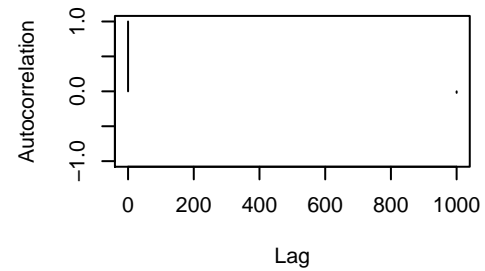
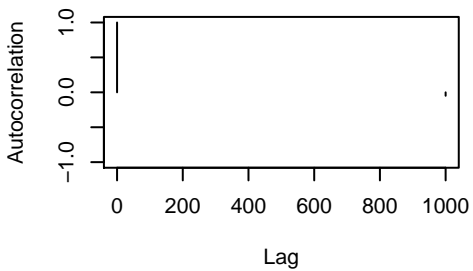
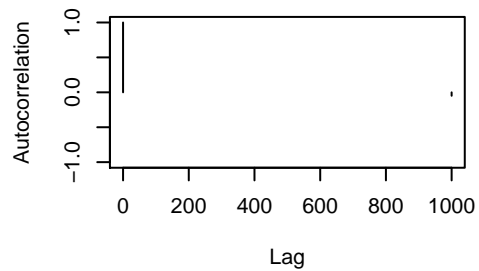
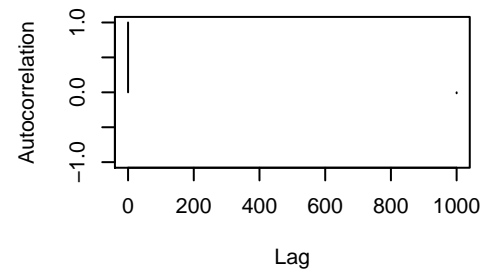
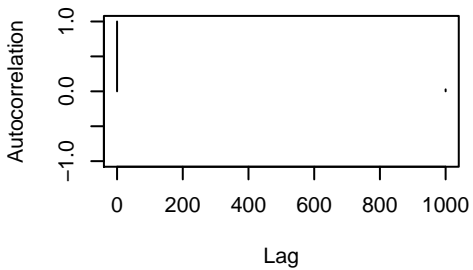
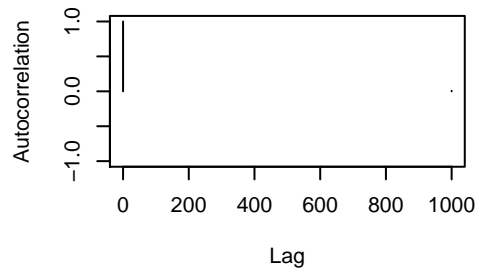
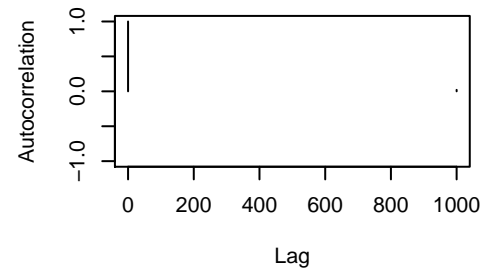
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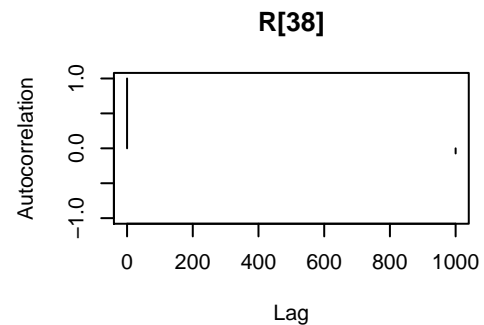
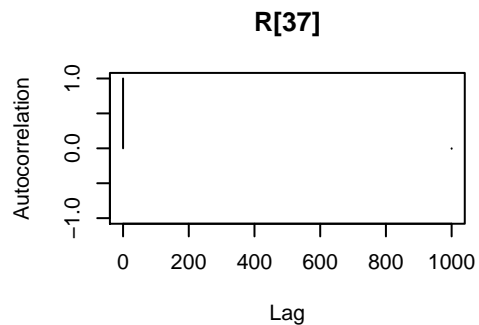
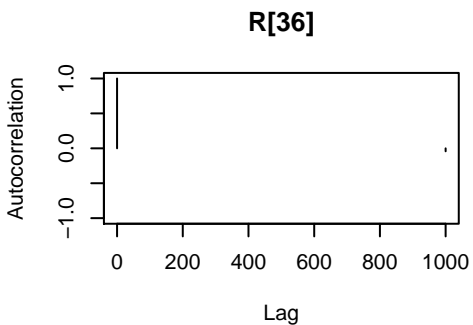
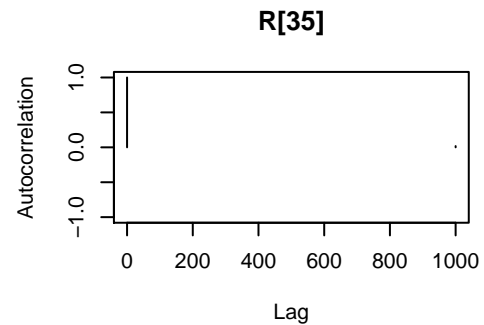
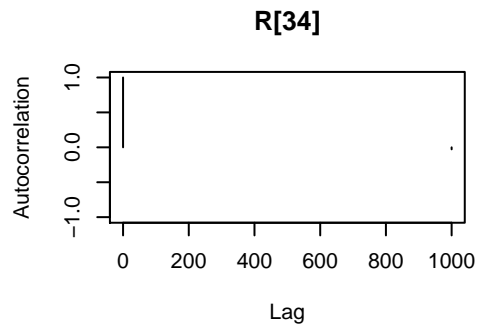
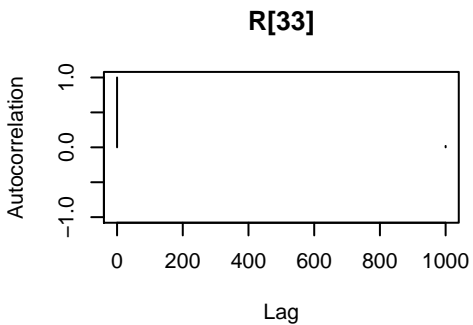
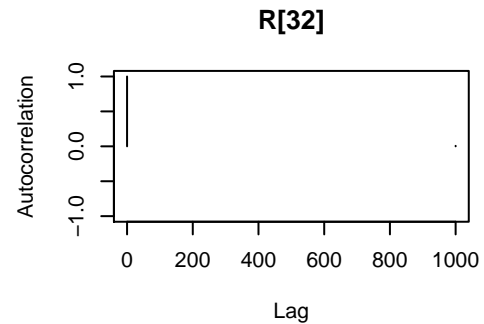
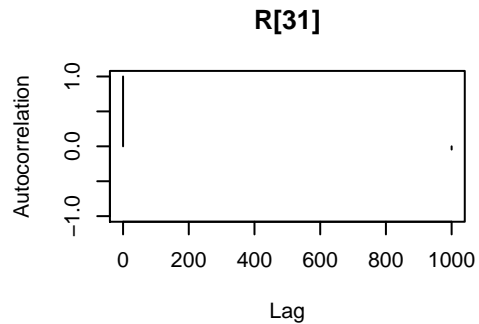
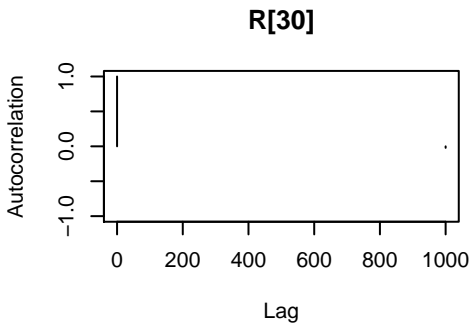
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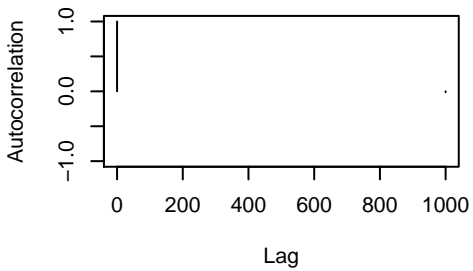
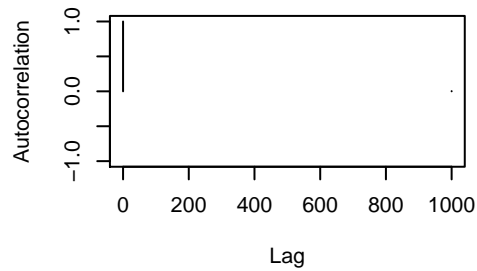
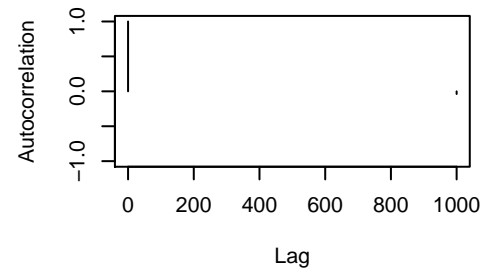
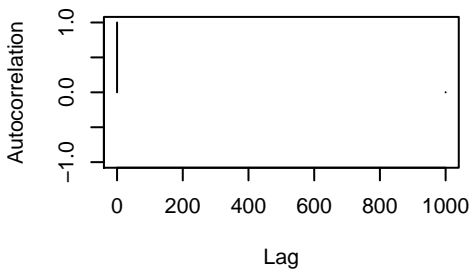
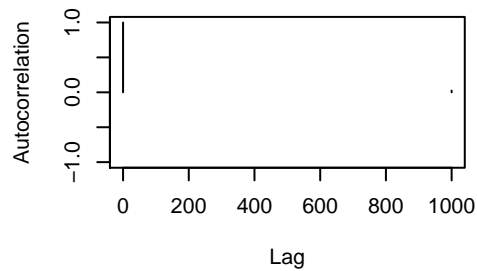
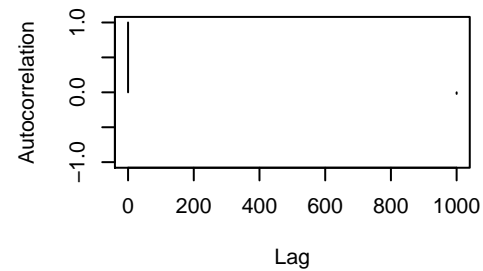
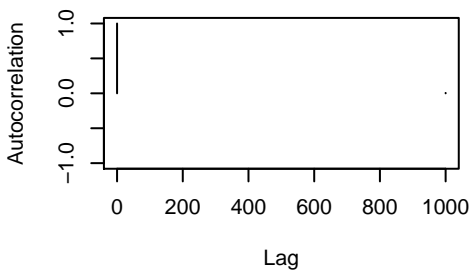
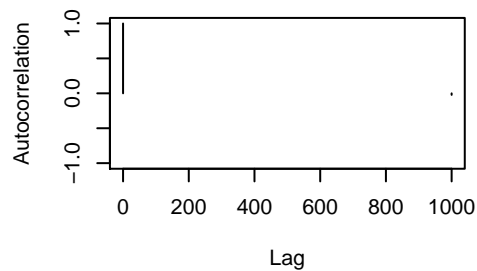
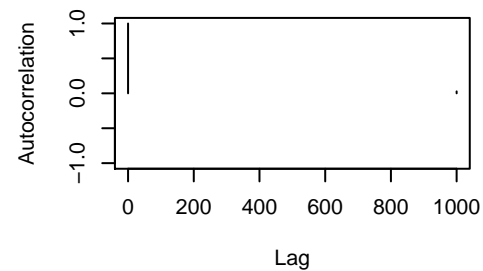
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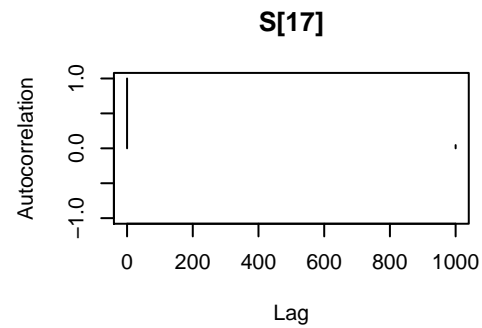
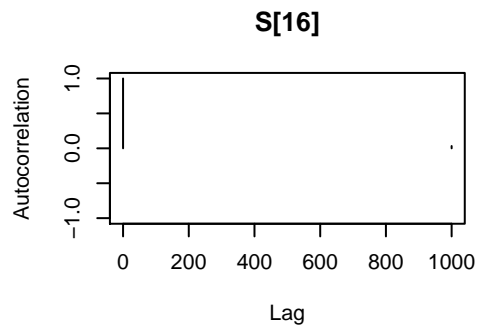
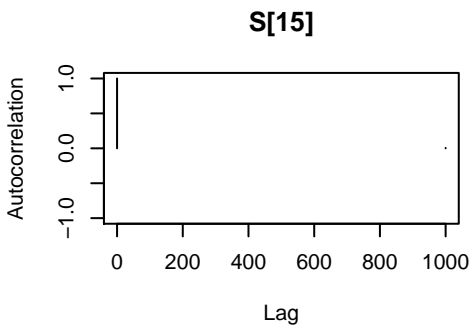
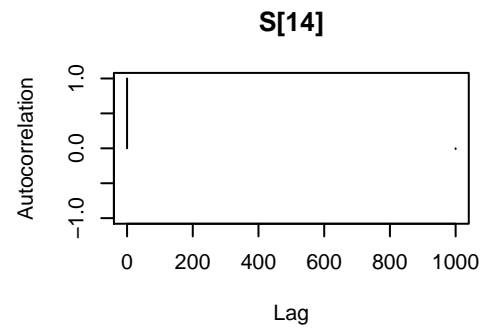
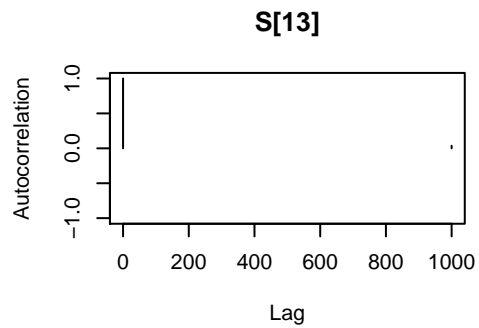
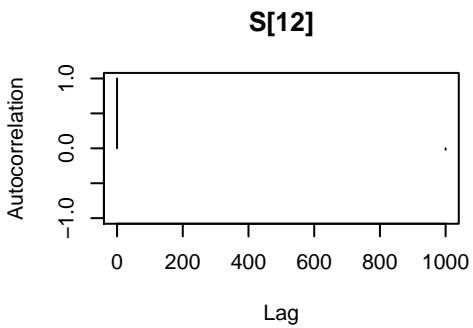
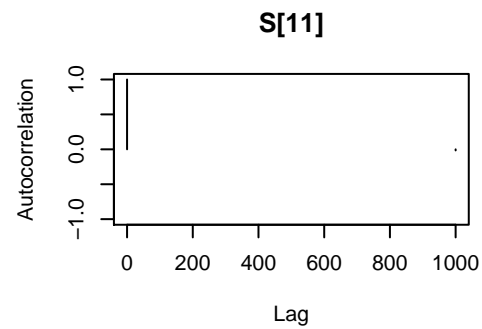
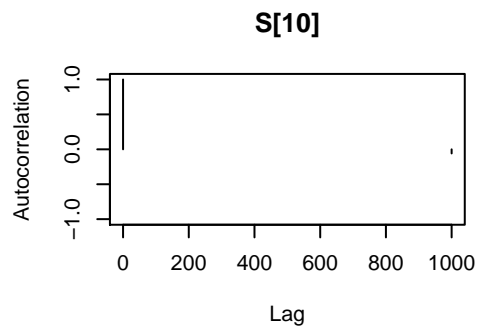
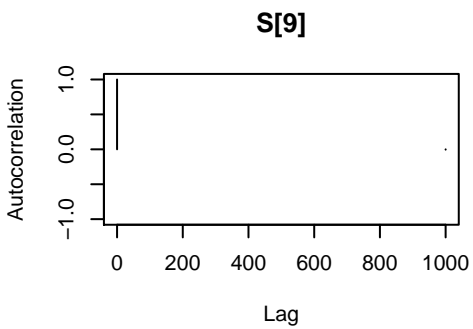
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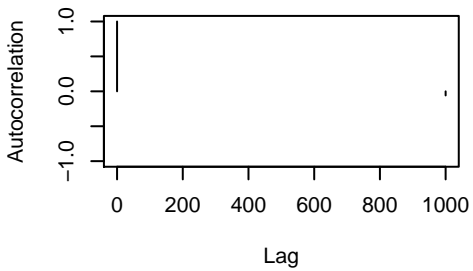
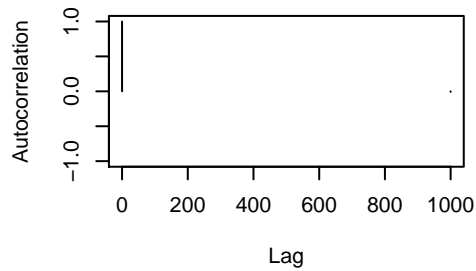
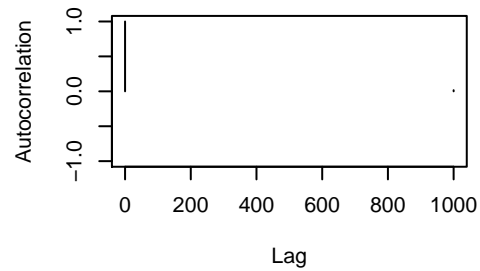
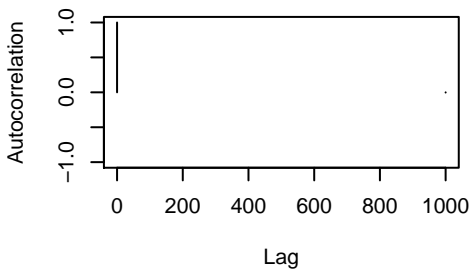
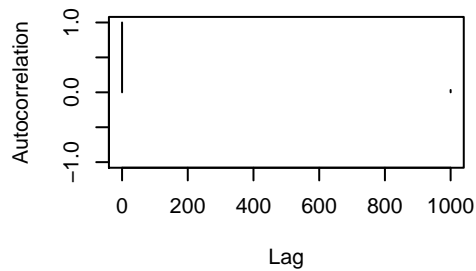
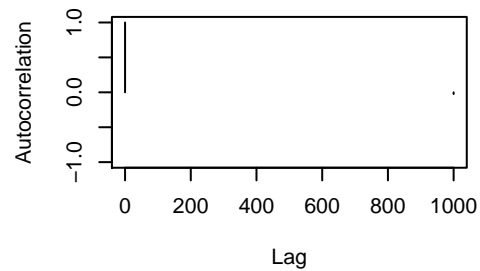
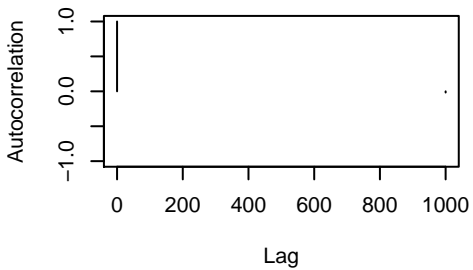
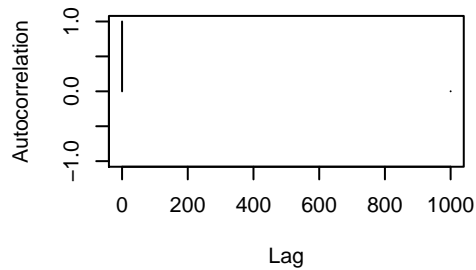
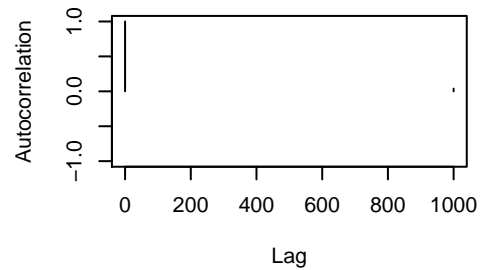


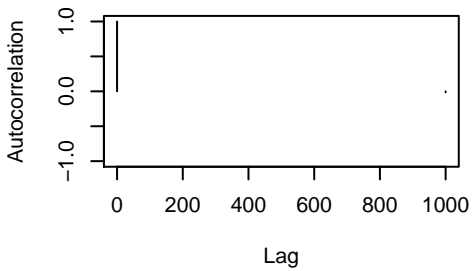
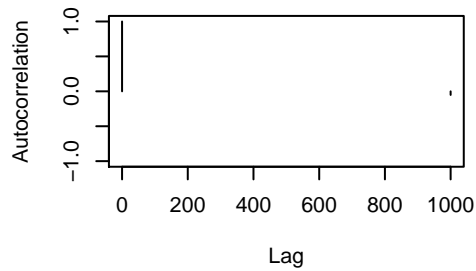
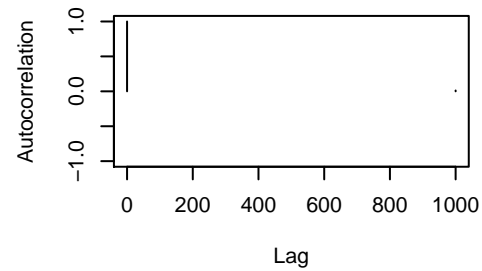
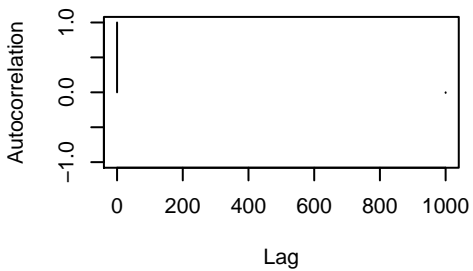
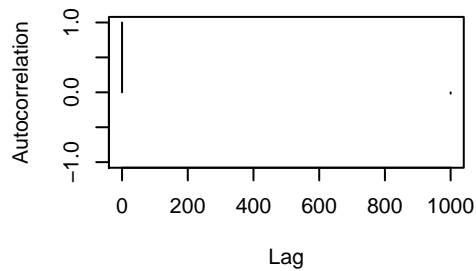
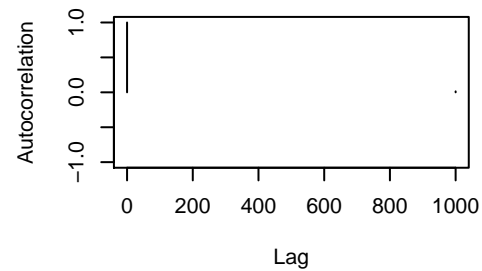
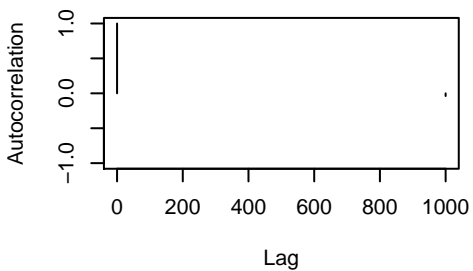
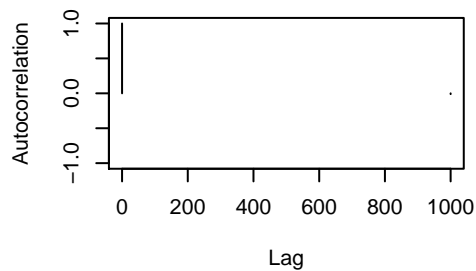
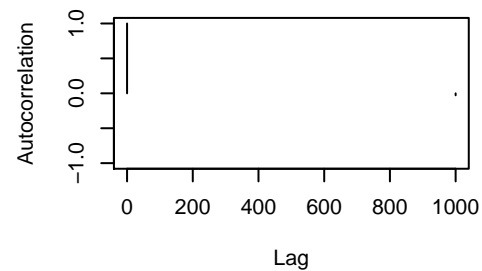
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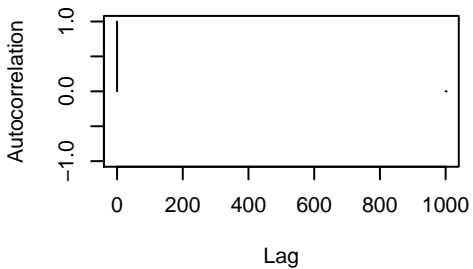
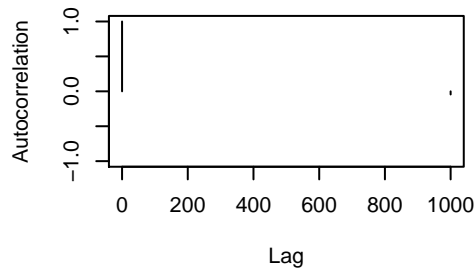
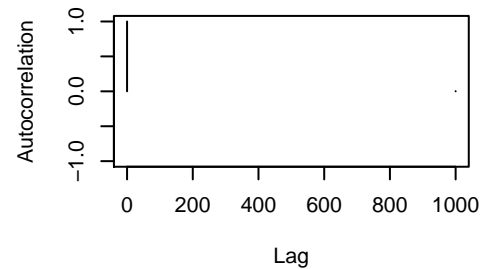
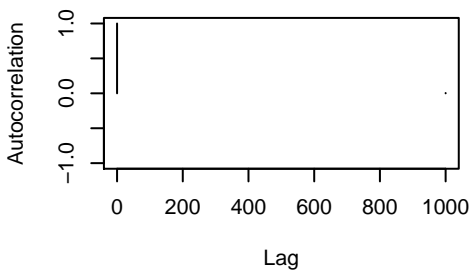
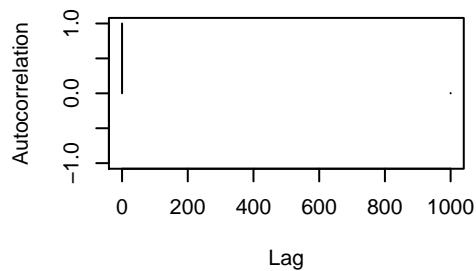
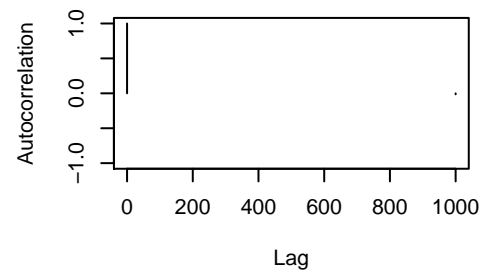
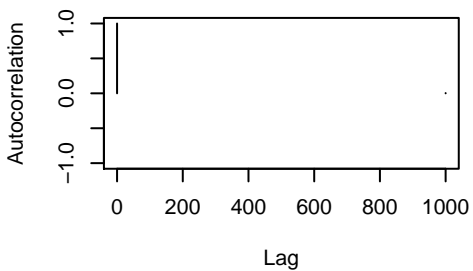
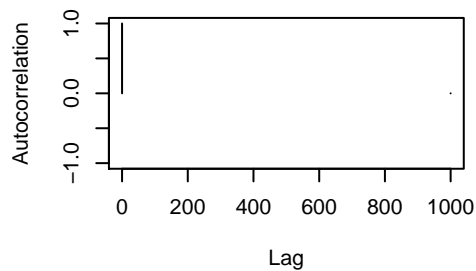
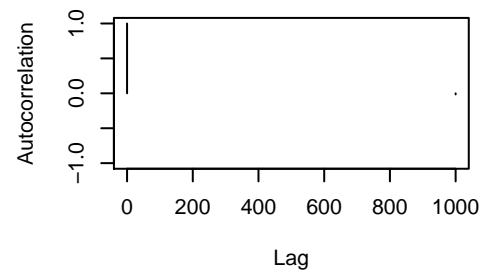


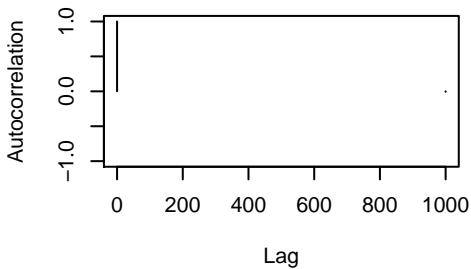
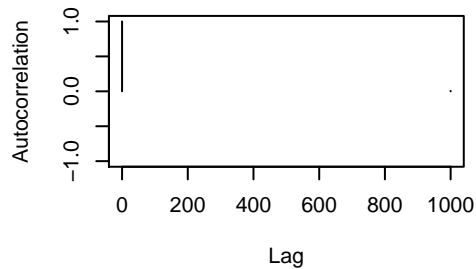
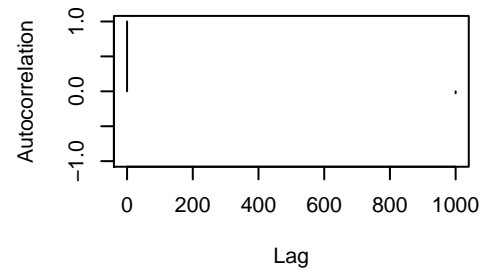
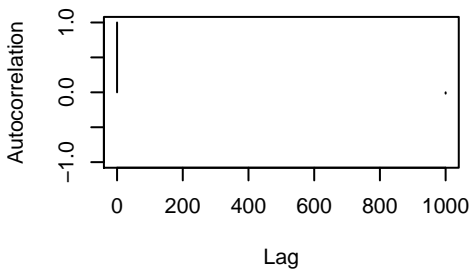
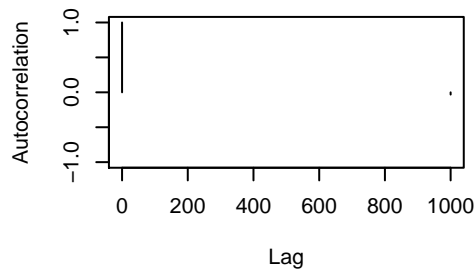
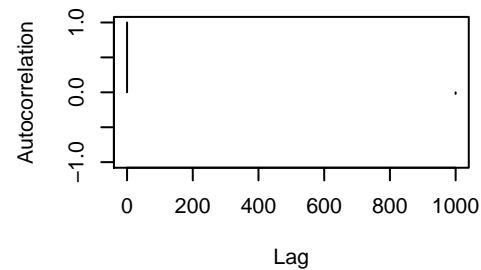
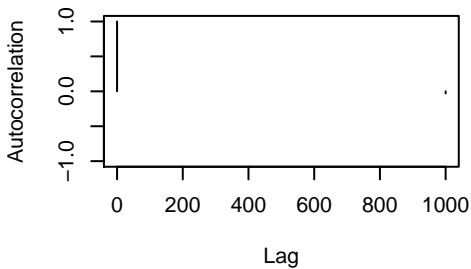
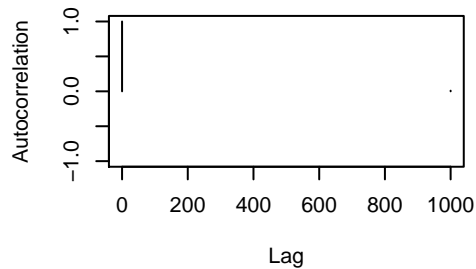
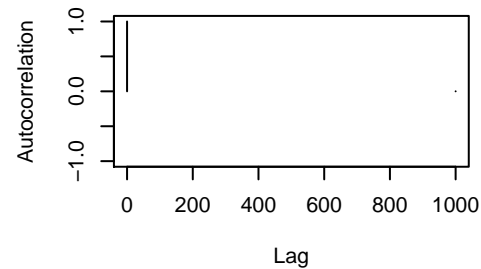
R[39]**S[1]****S[2]****S[3]****S[4]****S[5]****S[6]****S[7]****S[8]**

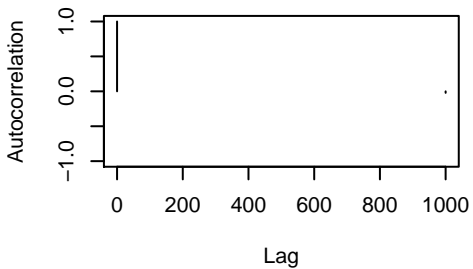
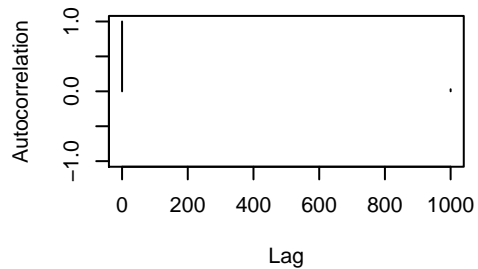
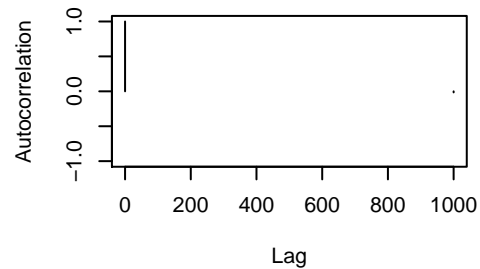
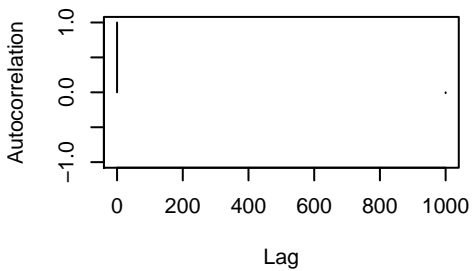
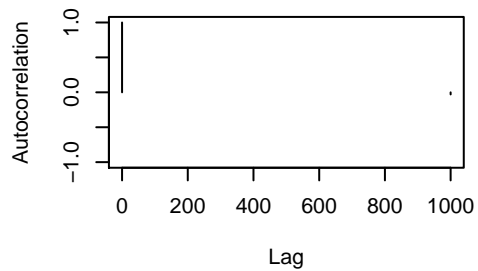
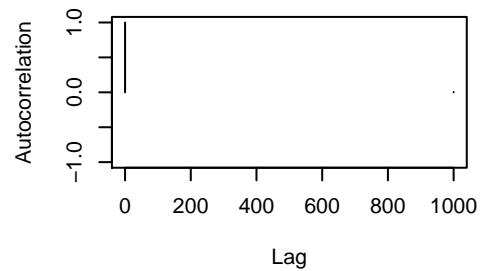
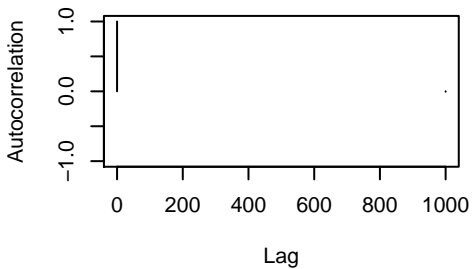
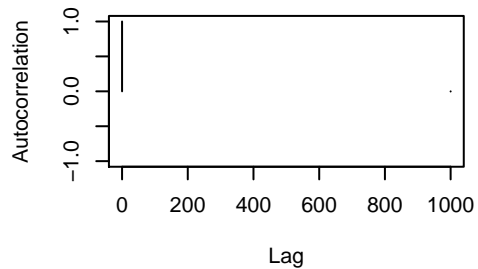
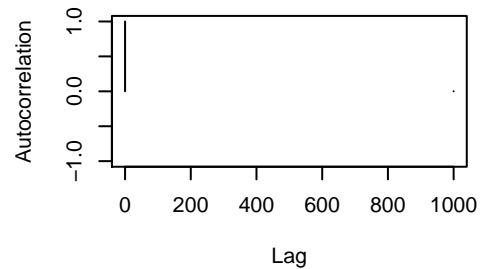


S[18]**S[19]****S[20]****S[21]****S[22]****S[23]****S[24]****S[25]****S[26]**

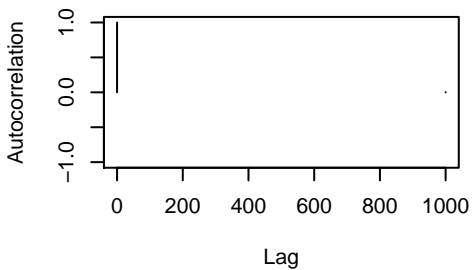
S[27]**S[28]****S[29]****S[30]****S[31]****S[32]****S[33]****S[34]****S[35]**

S[36]**S[37]****S.eq.c****S.max****S.msy.c****U.msy.c****alpha****alpha.c****beta**

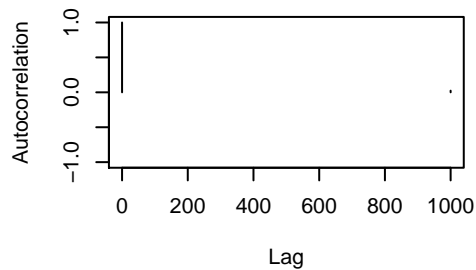
Inalpha**Inalpha.c****log.resid[7]****log.resid[8]****log.resid[9]****log.resid[10]****log.resid[11]****log.resid[12]****log.resid[13]**

log.resid[32]**log.resid[33]****log.resid[34]****log.resid[35]****log.resid[36]****log.resid[37]****log.resid[38]****log.resid[39]****log.resid.0**

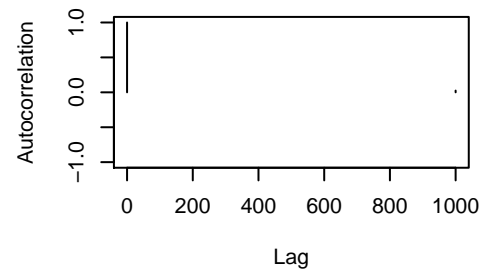
mean.log.R0



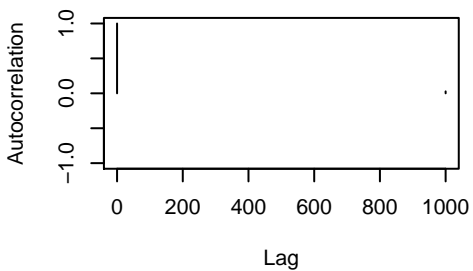
mu.HB[1]



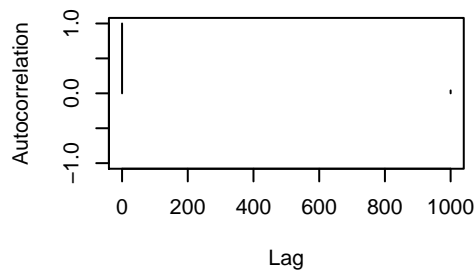
mu.HB[2]



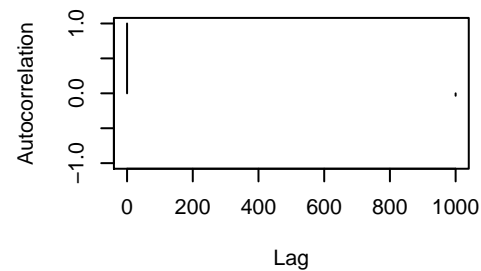
mu.HB[3]



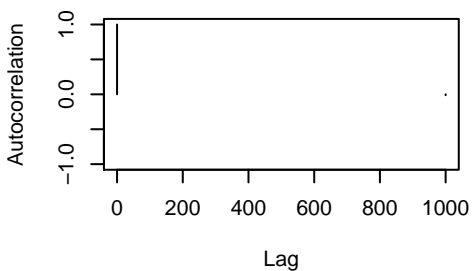
mu.HB[4]



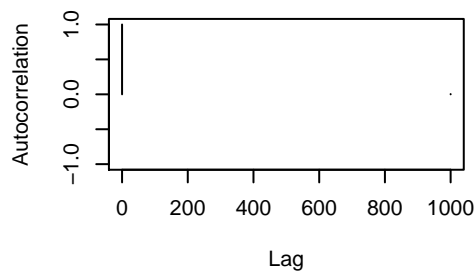
mu.HB[5]



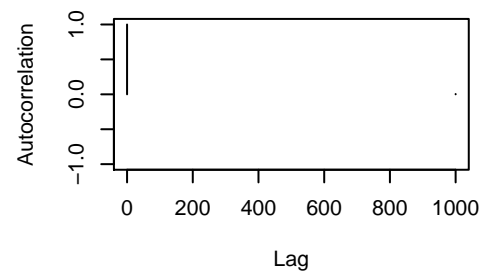
mu.HB[6]

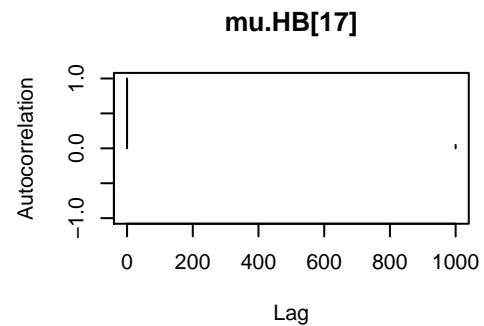
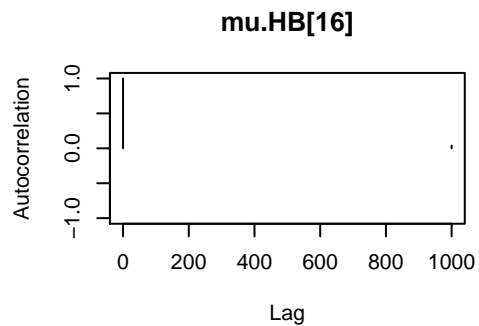
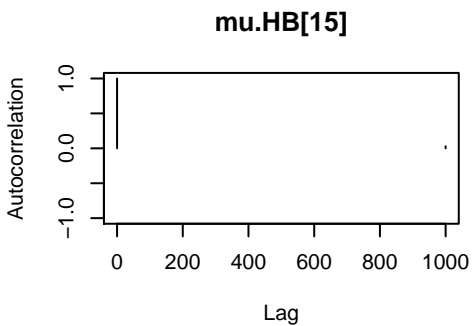
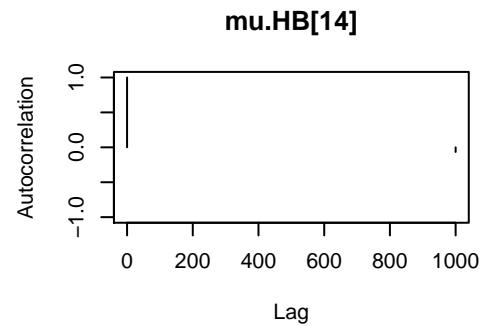
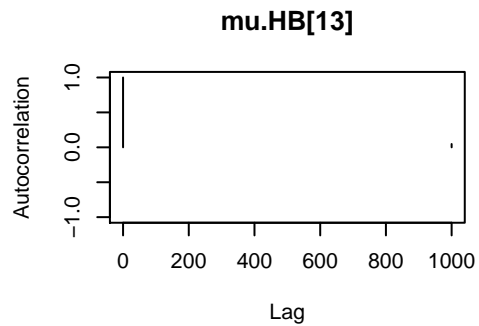
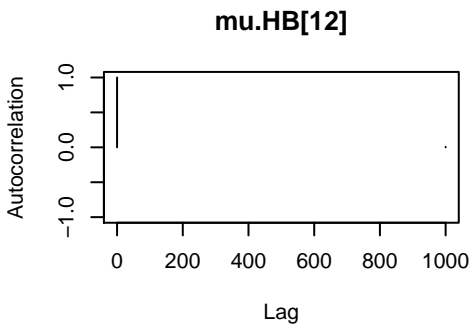
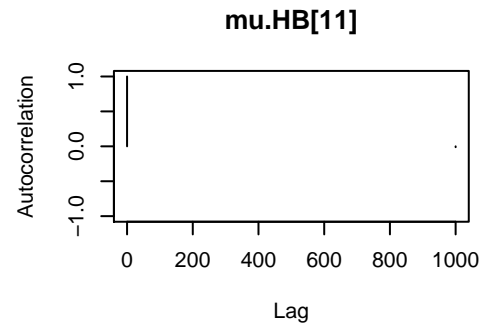
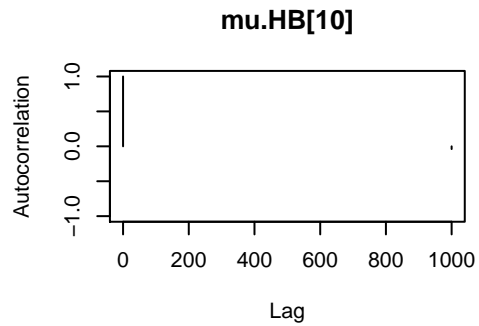
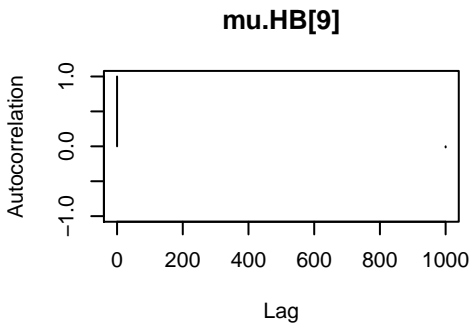


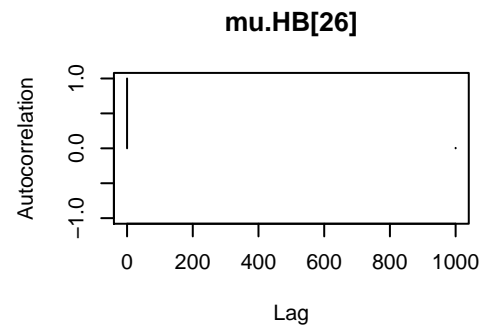
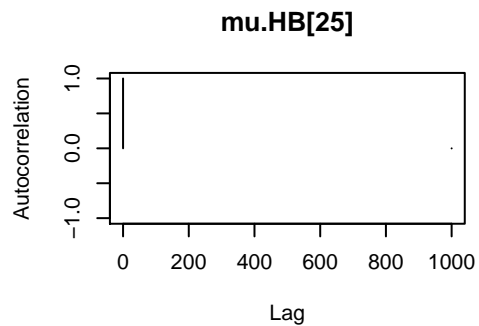
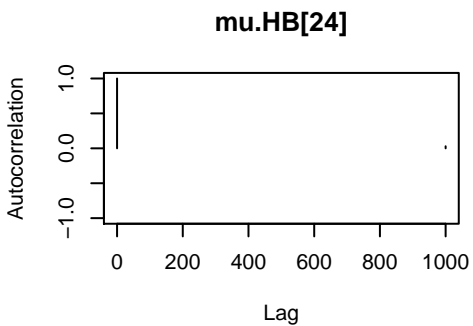
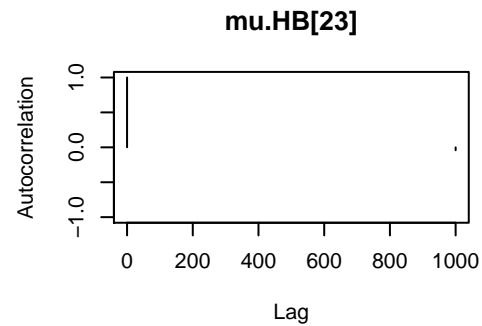
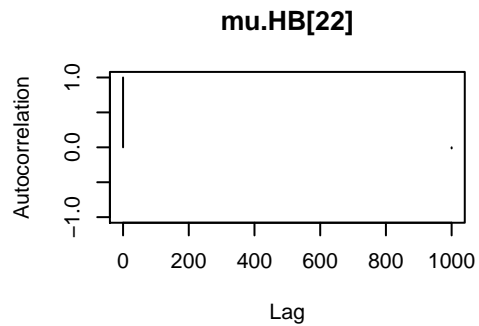
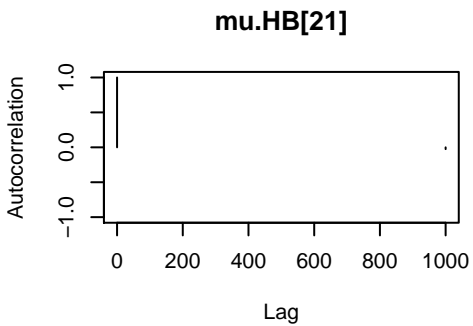
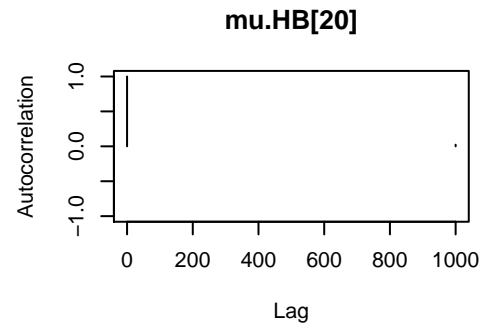
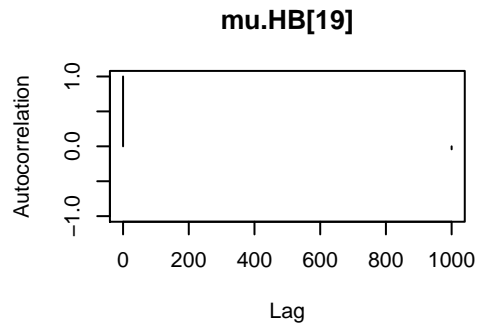
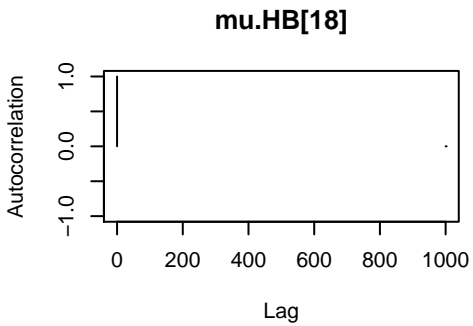
mu.HB[7]



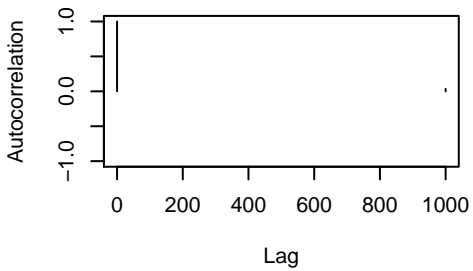
mu.HB[8]



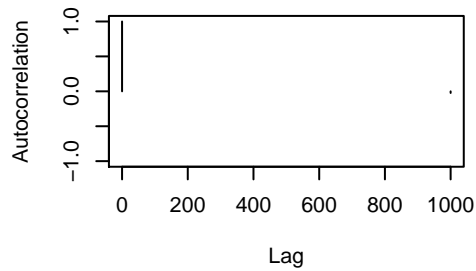




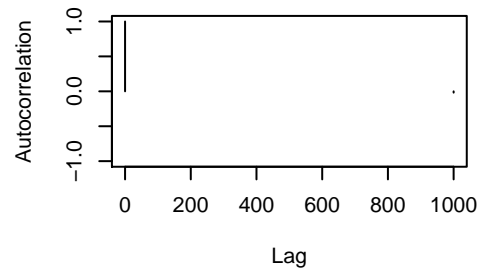
mu.HB[27]



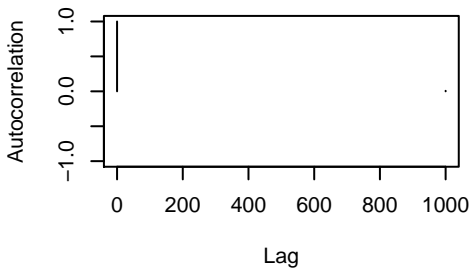
mu.HB[28]



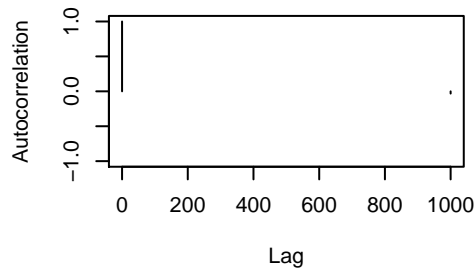
mu.HB[29]



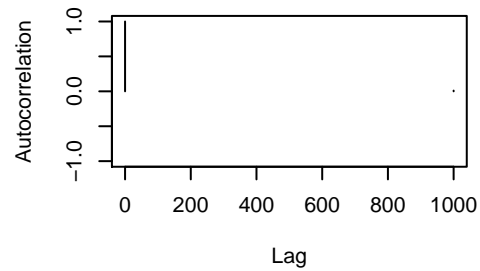
mu.HB[30]



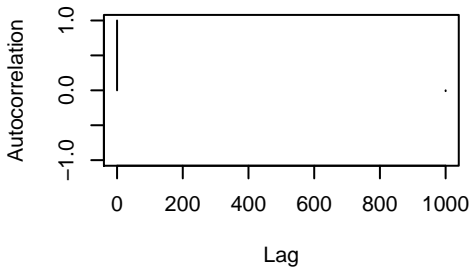
mu.HB[31]



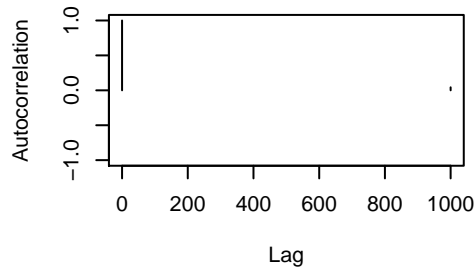
mu.HB[32]



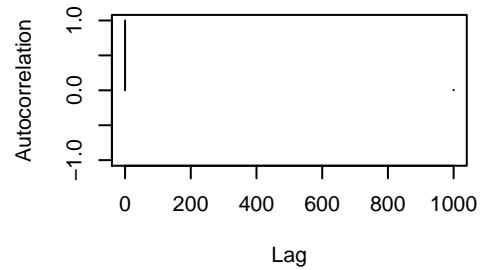
mu.HB[33]

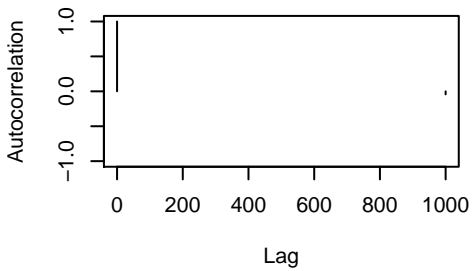
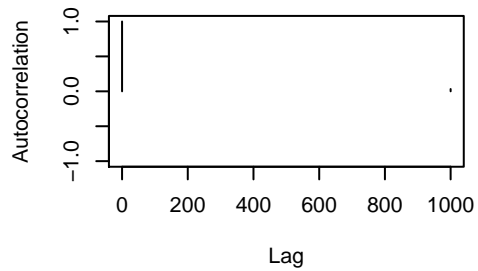
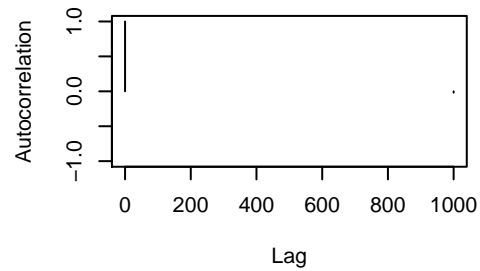
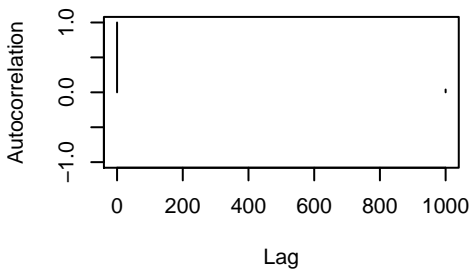
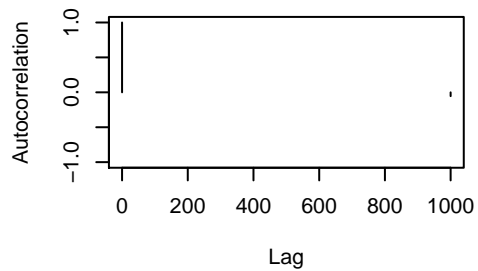
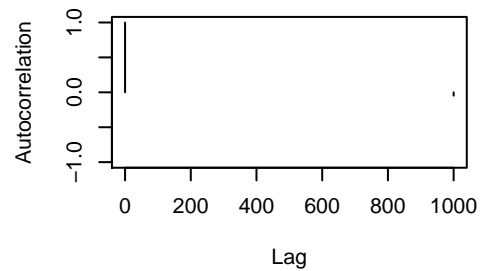
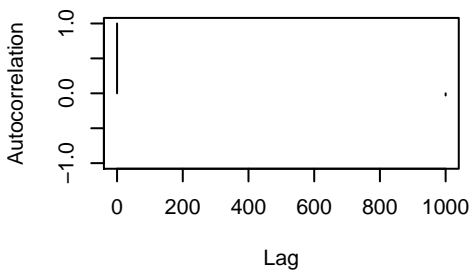
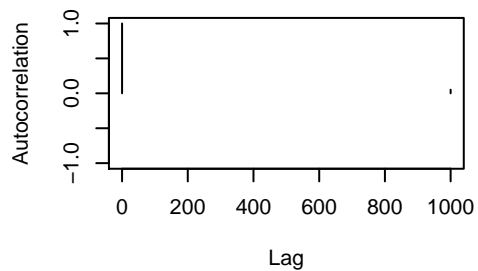
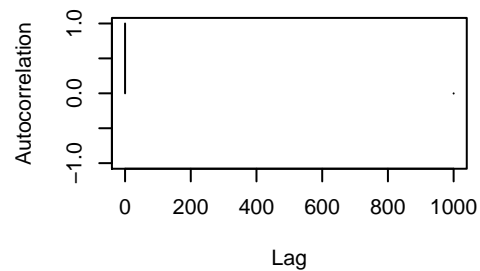


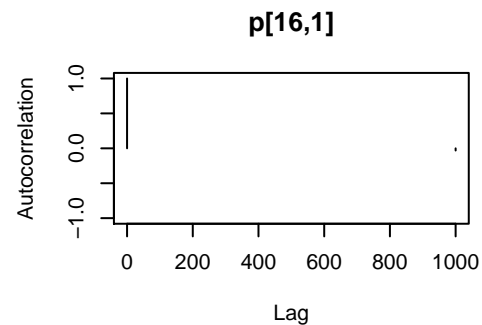
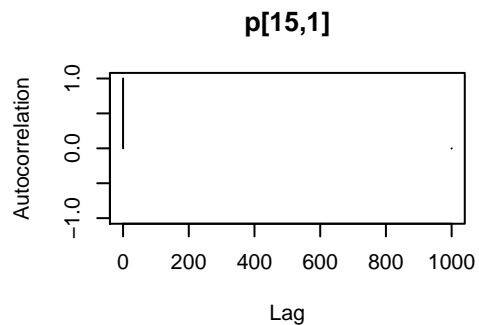
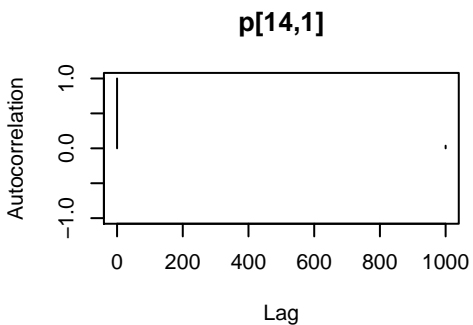
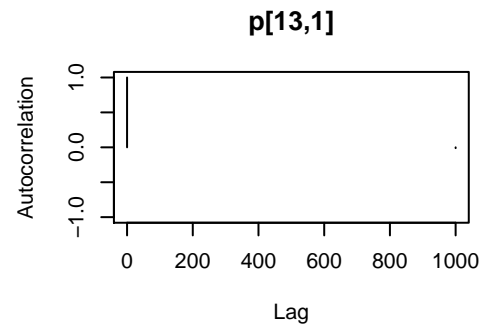
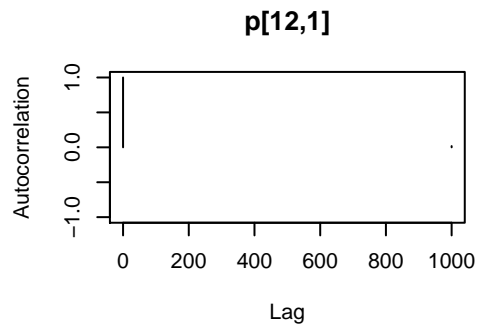
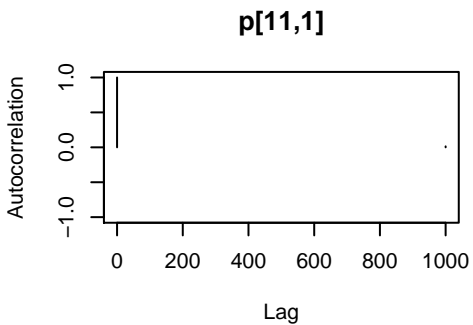
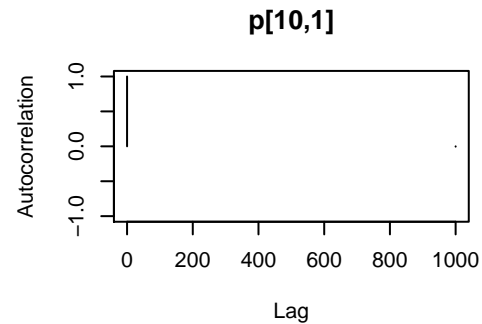
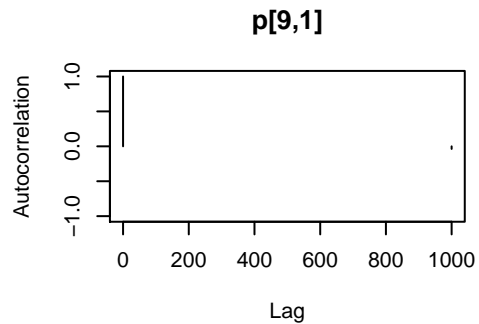
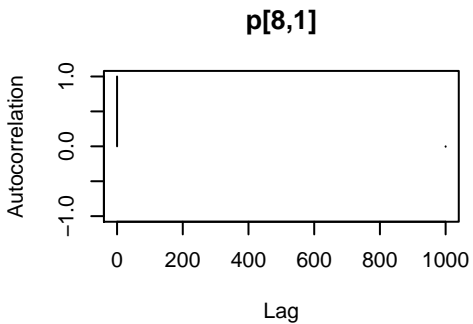
mu.HB[34]

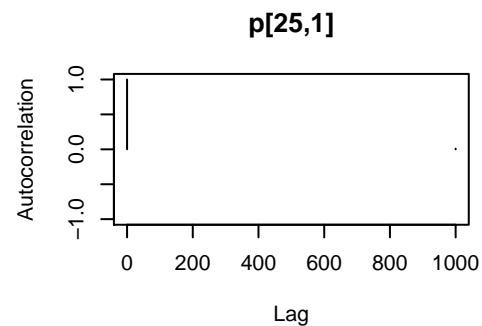
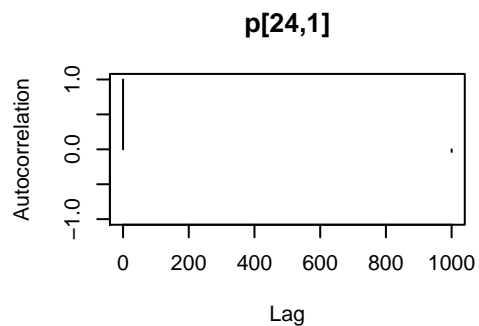
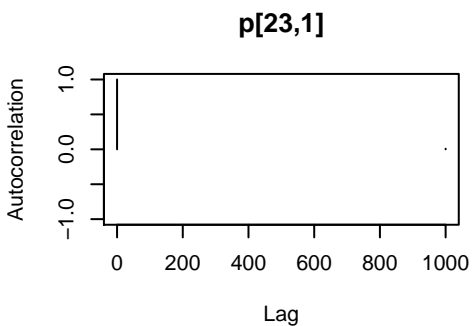
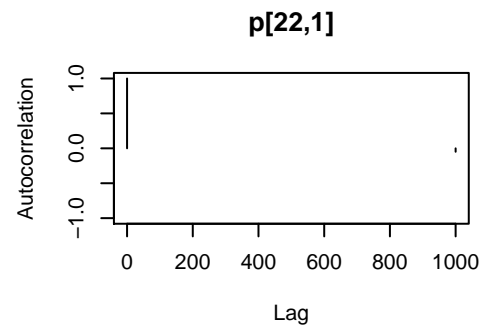
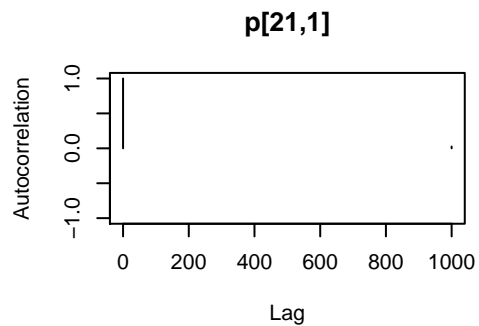
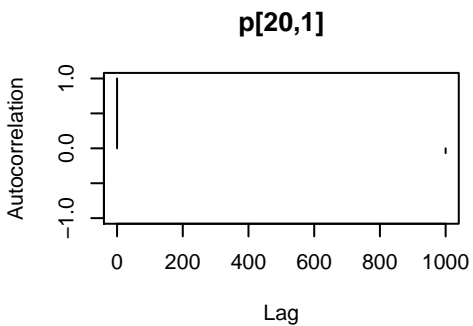
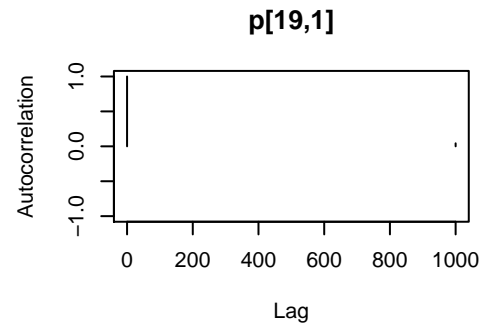
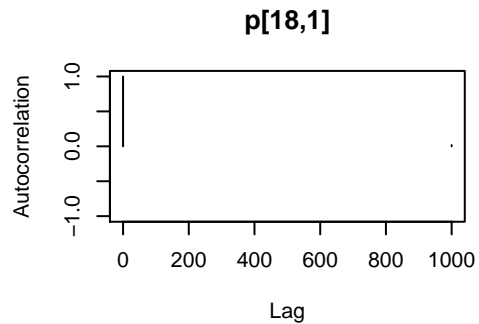
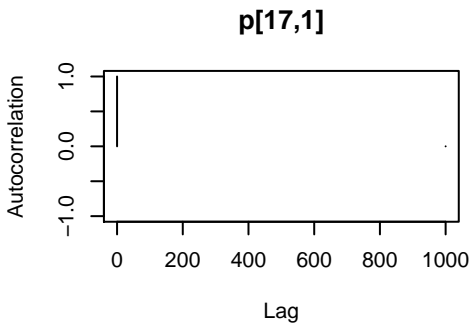


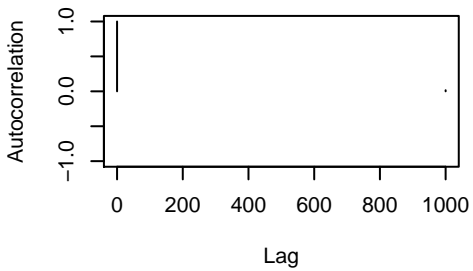
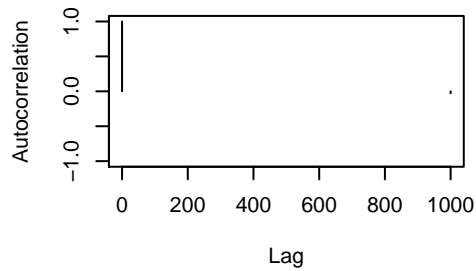
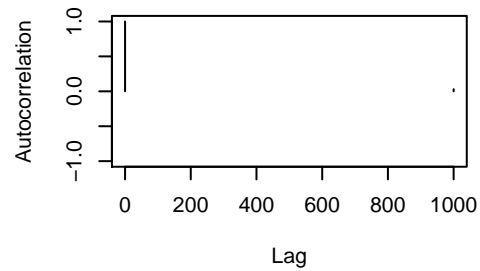
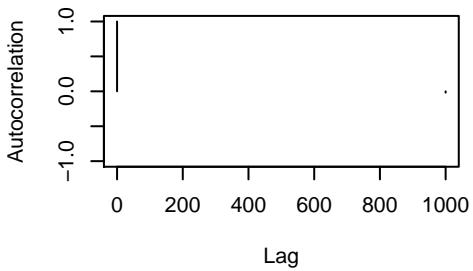
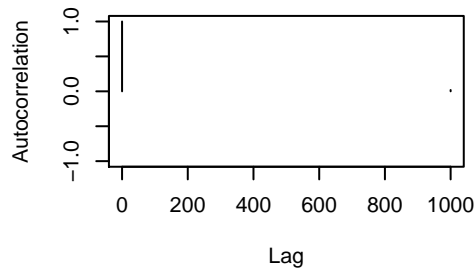
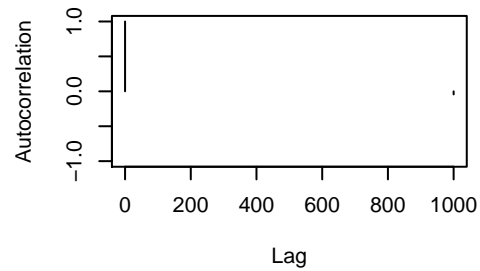
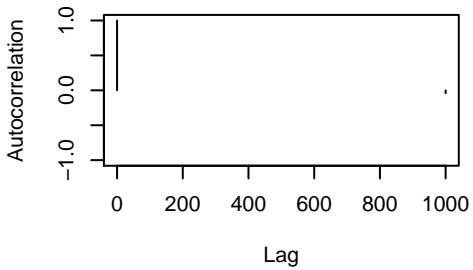
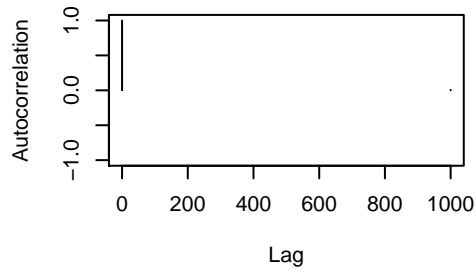
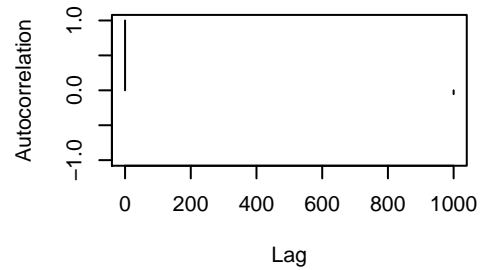
mu.HB[35]

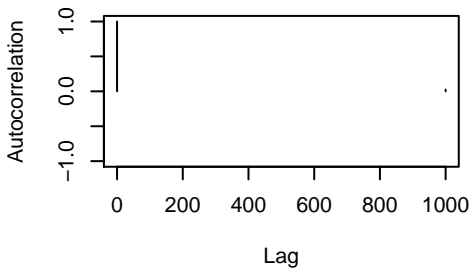
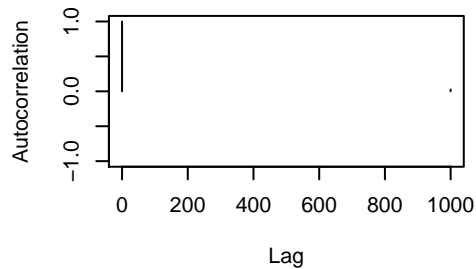
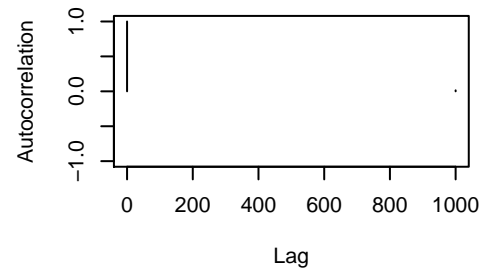
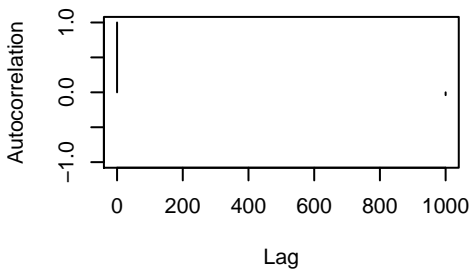
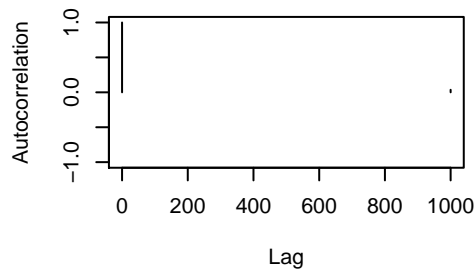
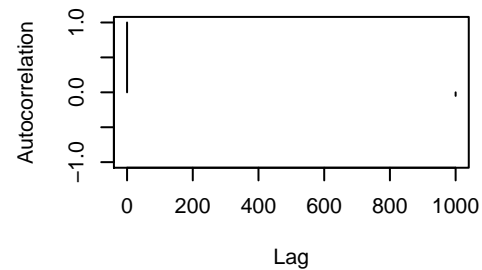
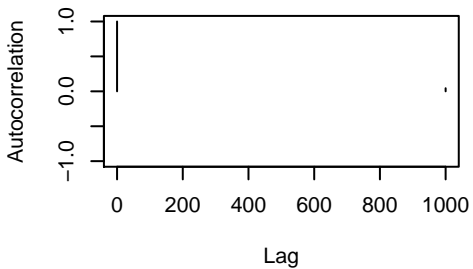
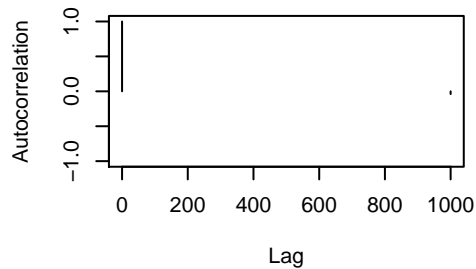
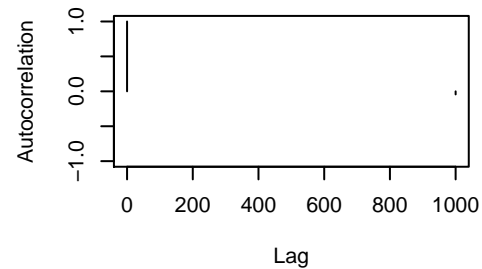


mu.HB[36]**mu.HB[37]****p[1,1]****p[2,1]****p[3,1]****p[4,1]****p[5,1]****p[6,1]****p[7,1]**

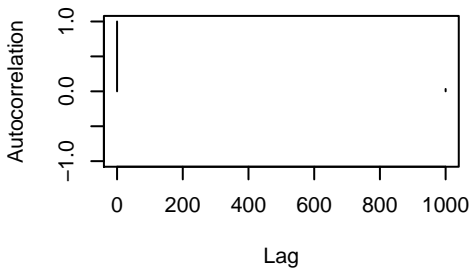




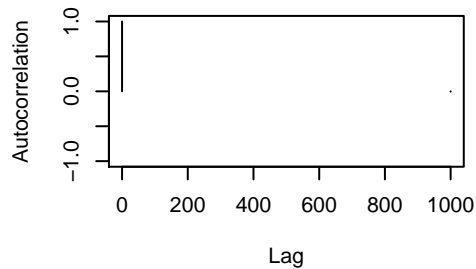
p[26,1]**p[27,1]****p[28,1]****p[29,1]****p[30,1]****p[31,1]****p[32,1]****p[33,1]****p[34,1]**

p[35,1]**p[36,1]****p[37,1]****p[38,1]****p[39,1]****p[1,2]****p[2,2]****p[3,2]****p[4,2]**

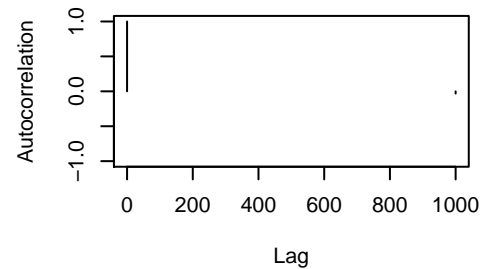
p[14,2]



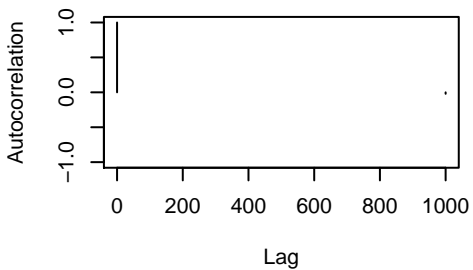
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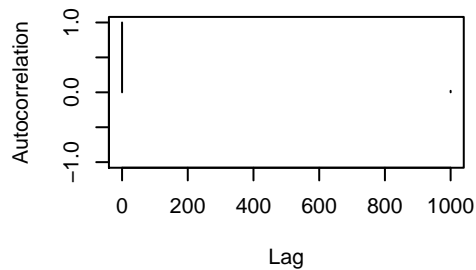
p[16,2]



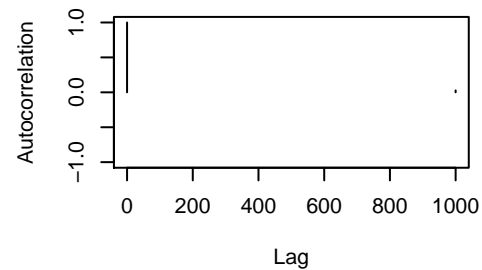
p[17,2]



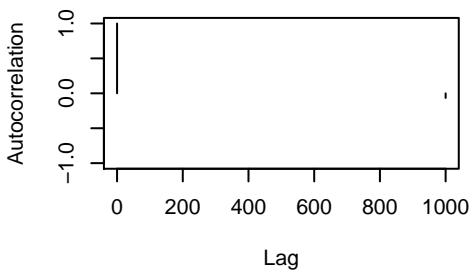
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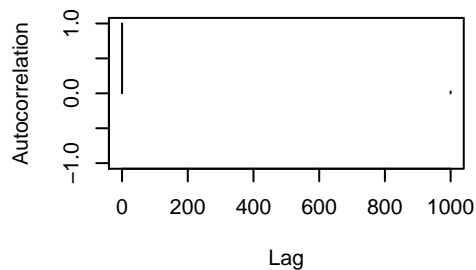
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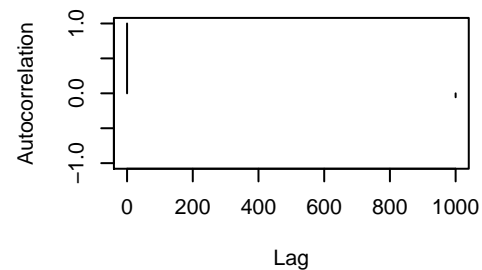
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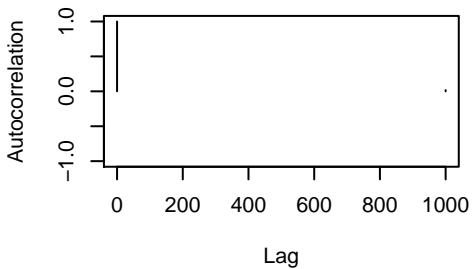
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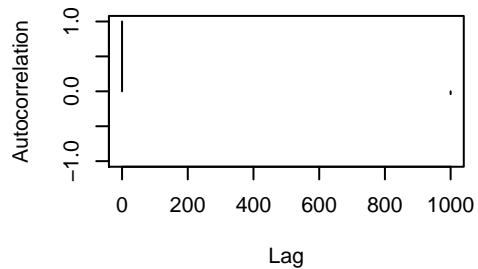
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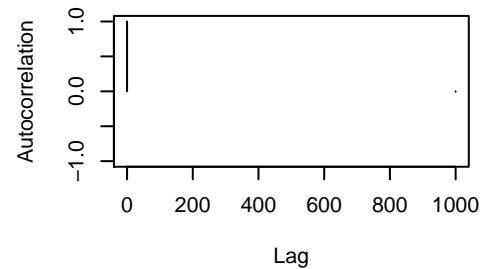
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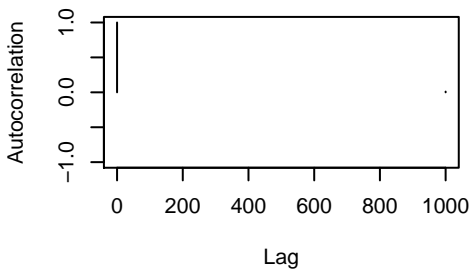
p[24,2]



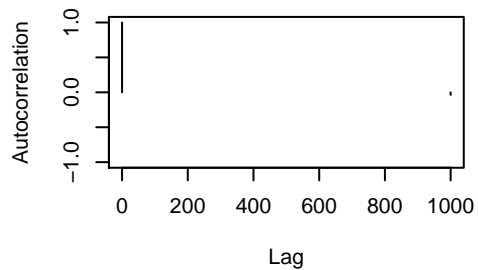
p[25,2]



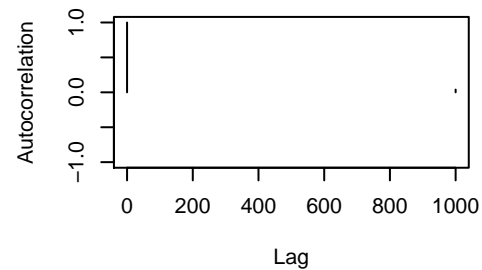
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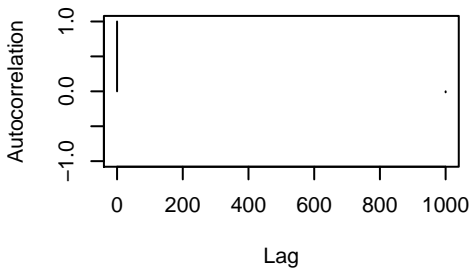
p[27,2]



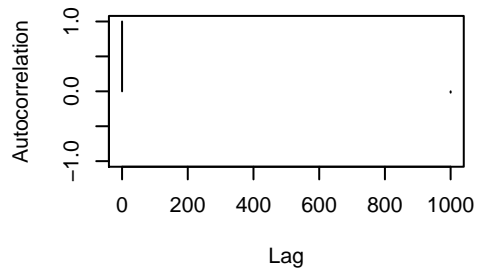
p[28,2]



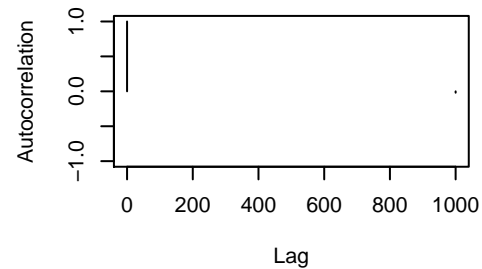
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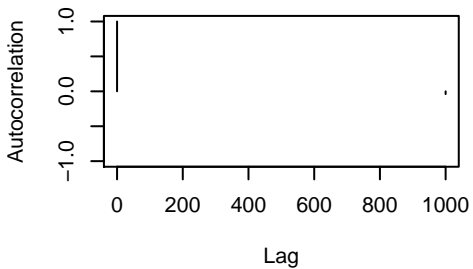
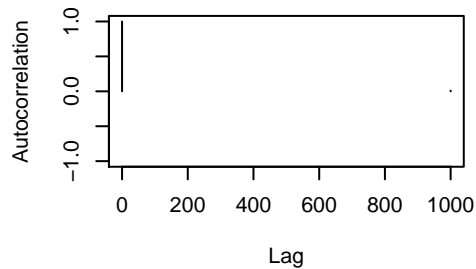
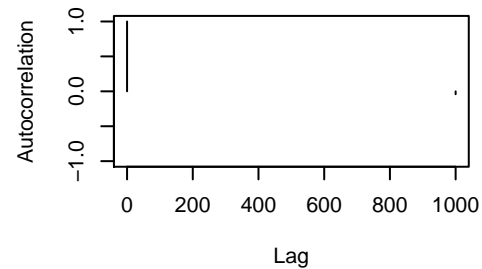
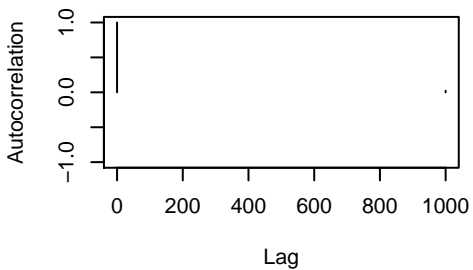
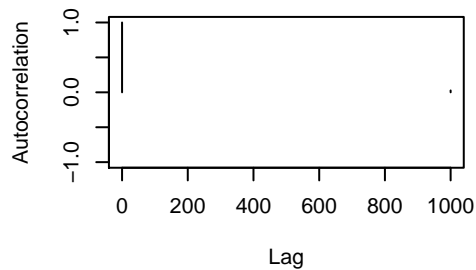
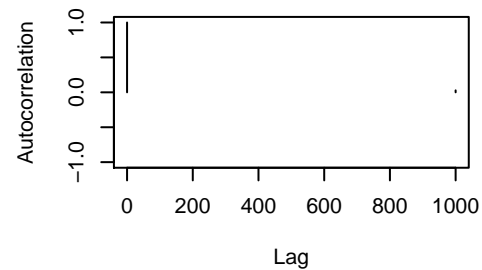
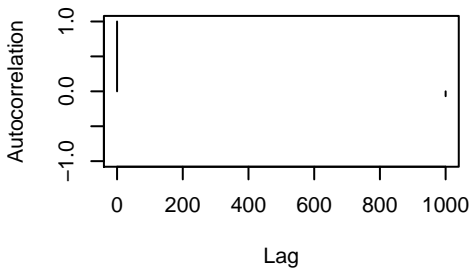
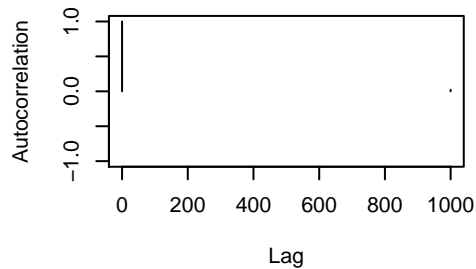
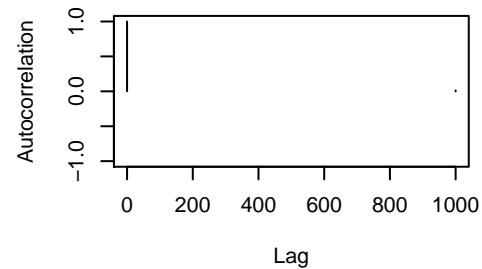


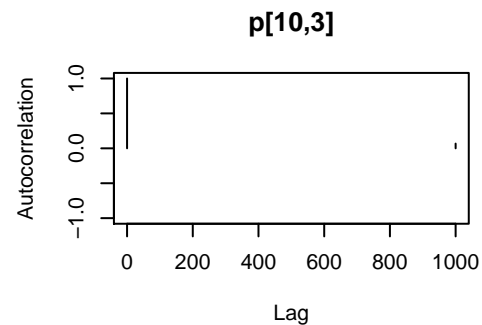
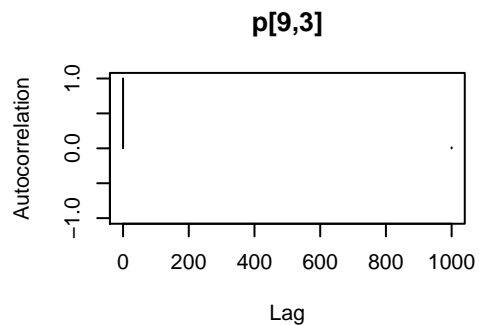
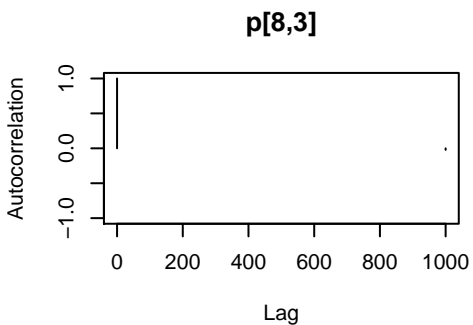
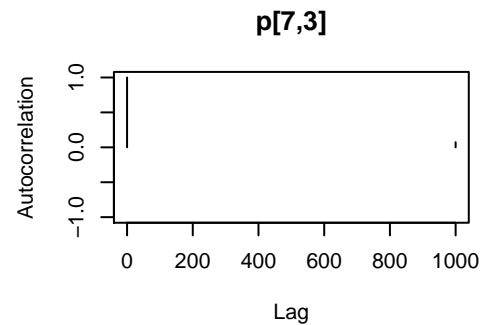
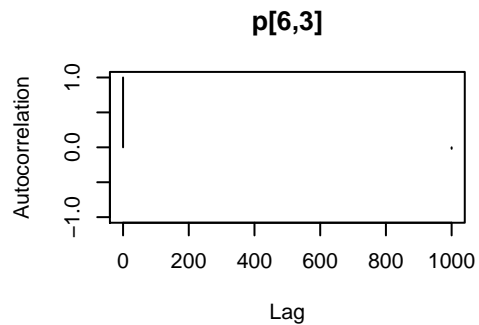
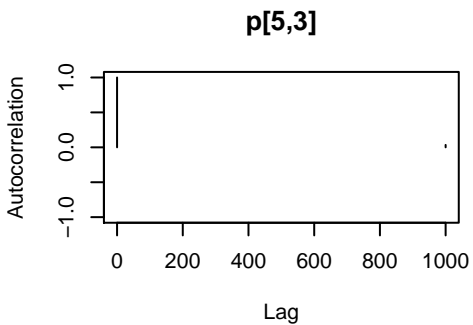
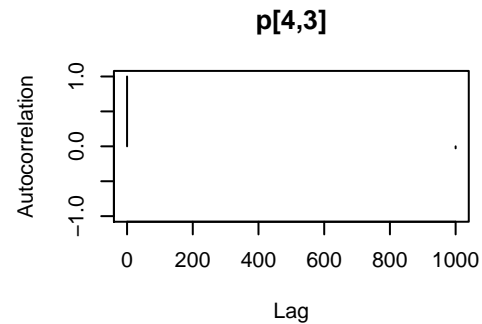
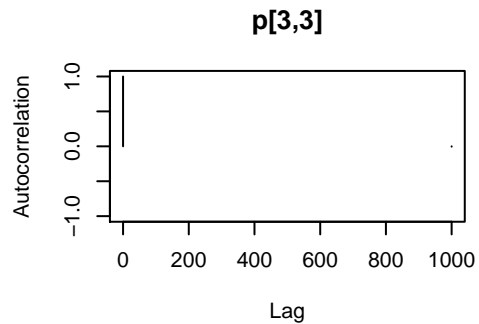
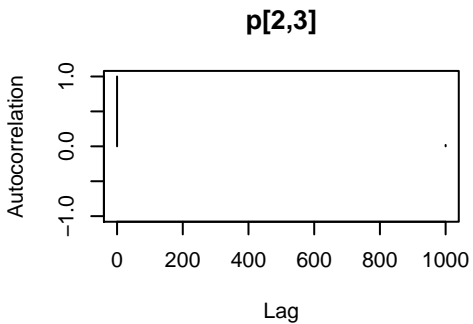
p[30,2]

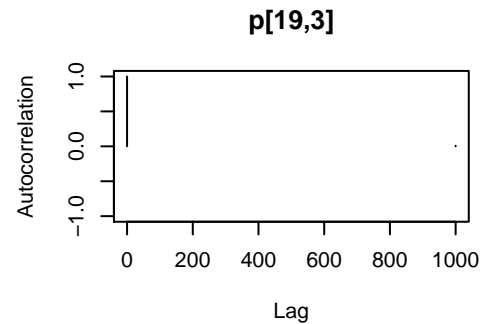
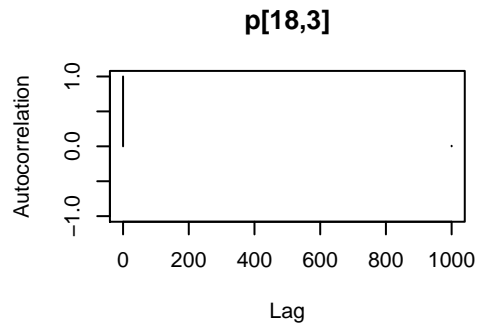
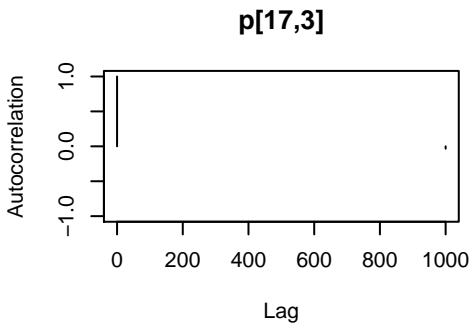
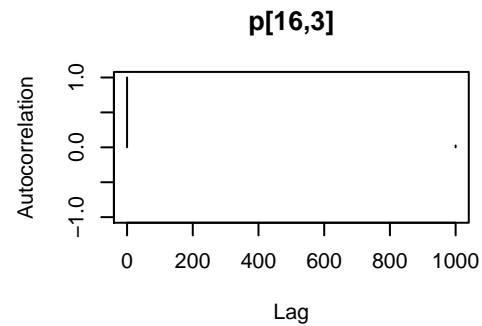
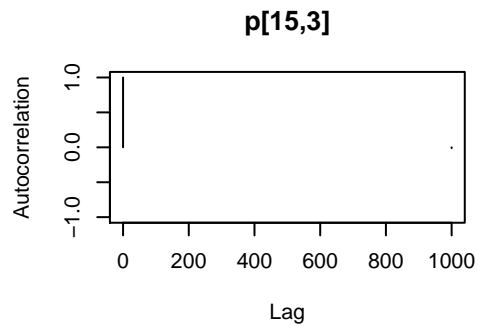
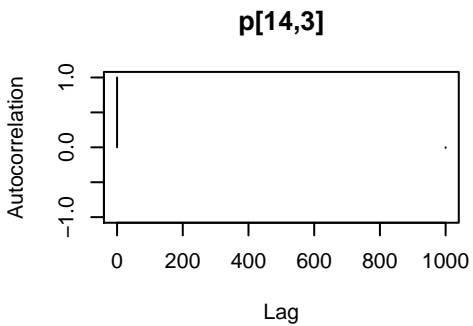
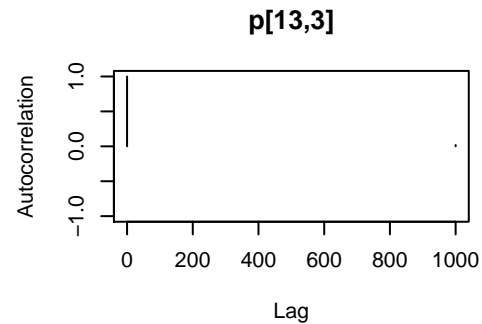
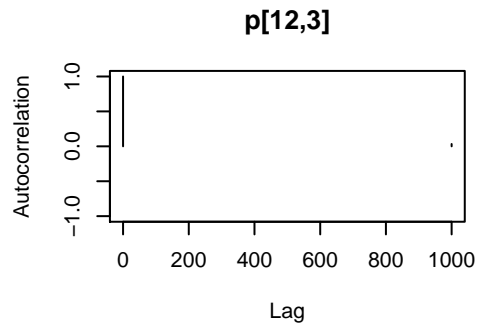
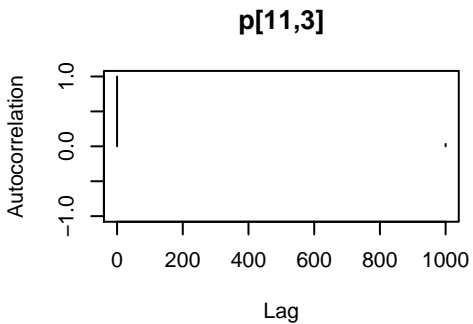


p[31,2]

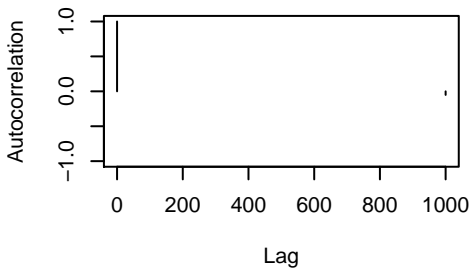


p[32,2]**p[33,2]****p[34,2]****p[35,2]****p[36,2]****p[37,2]****p[38,2]****p[39,2]****p[1,3]**

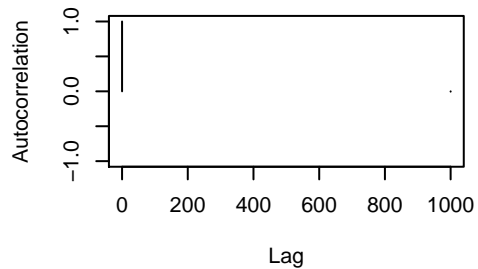




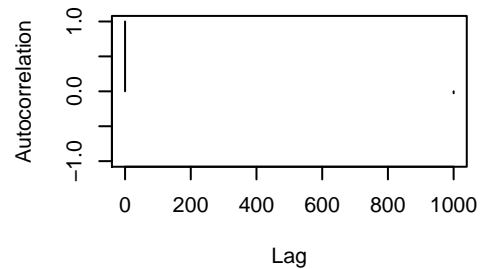
p[20,3]



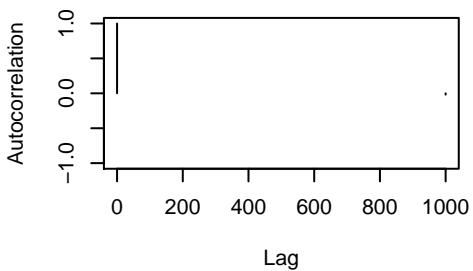
p[21,3]



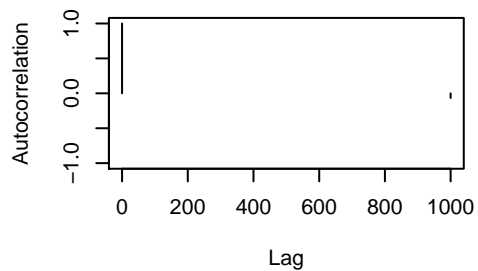
p[22,3]



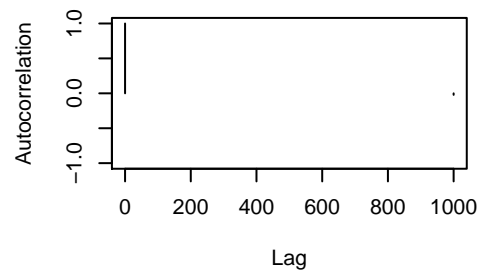
p[23,3]



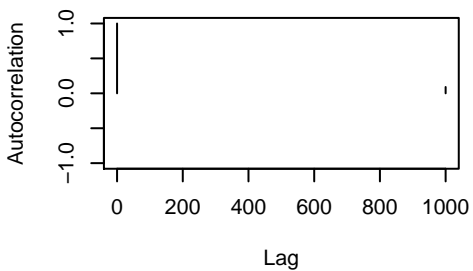
p[24,3]



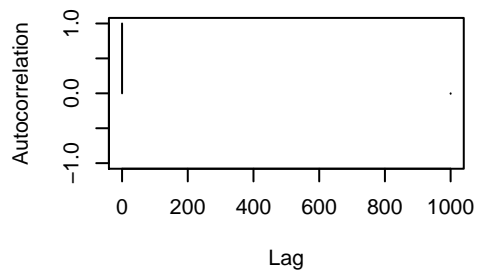
p[25,3]



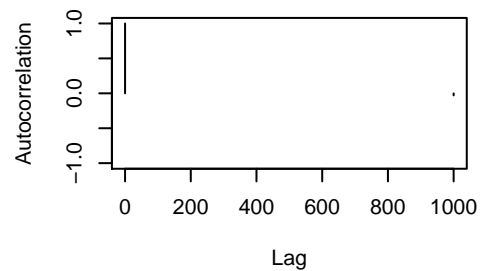
p[26,3]



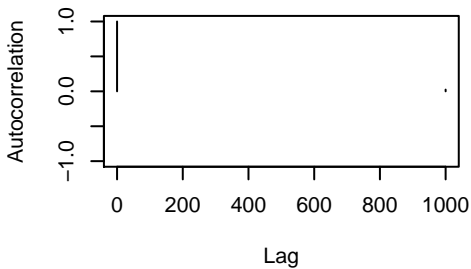
p[27,3]



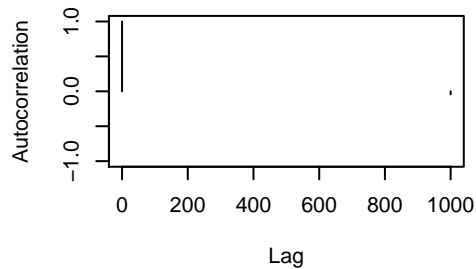
p[28,3]



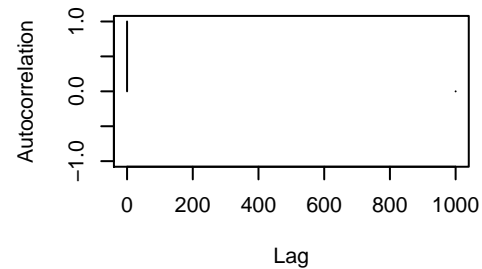
p[29,3]



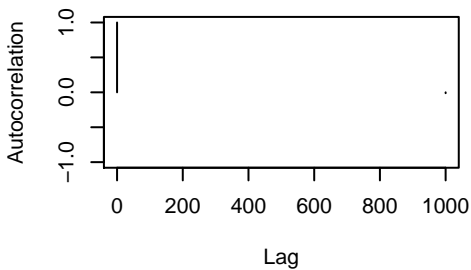
p[30,3]



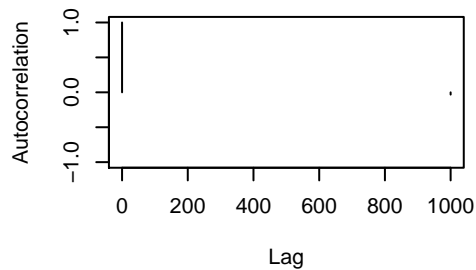
p[31,3]



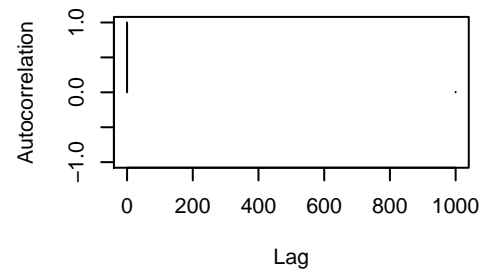
p[32,3]



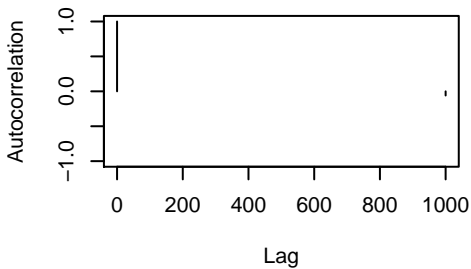
p[33,3]



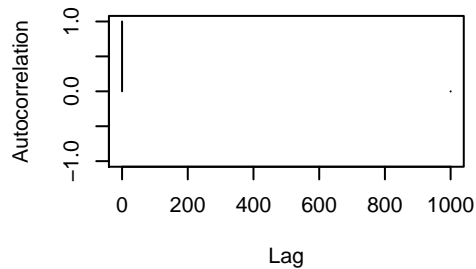
p[34,3]



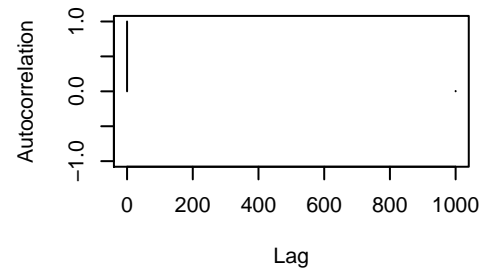
p[35,3]

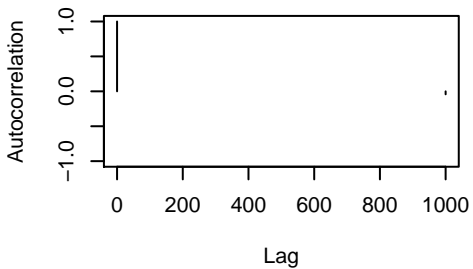
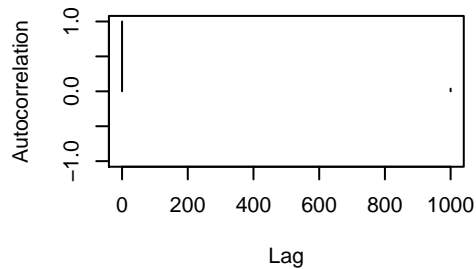
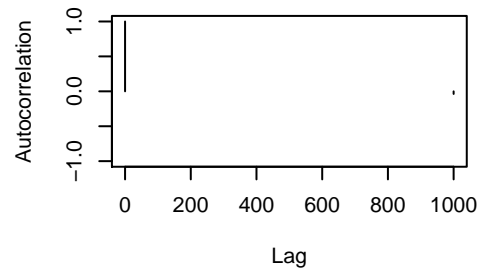
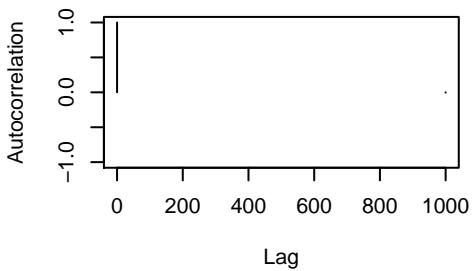
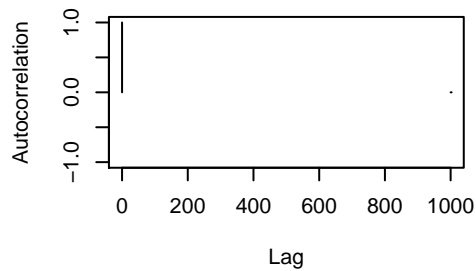
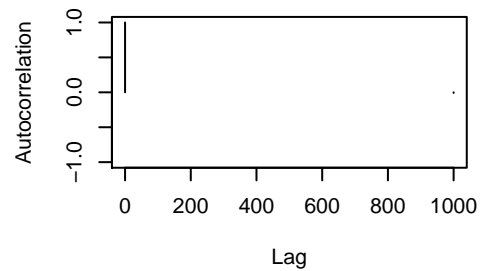
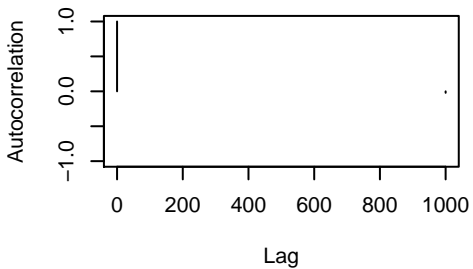
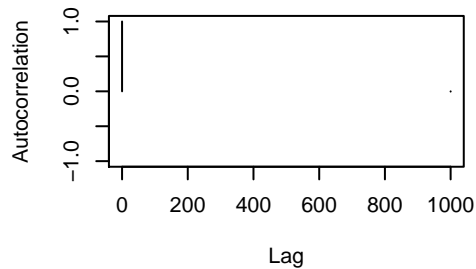
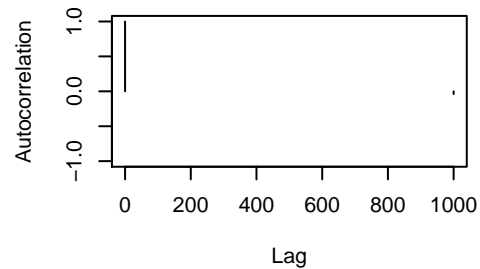


p[36,3]

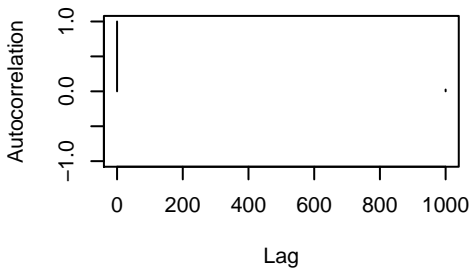


p[37,3]

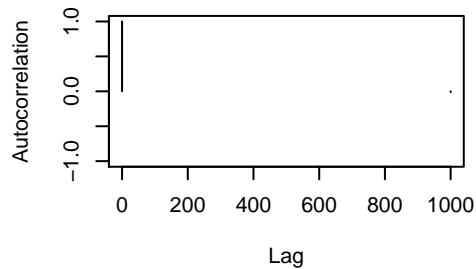


p[38,3]**p[39,3]****phi****pi[1]****pi[2]****pi[3]****q[1,1]****q[2,1]****q[3,1]**

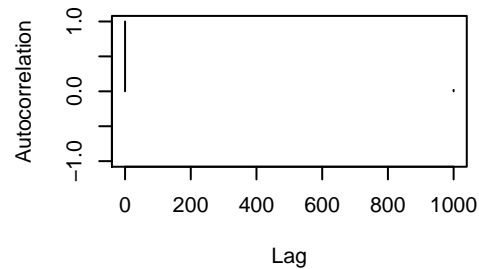
q[4,1]



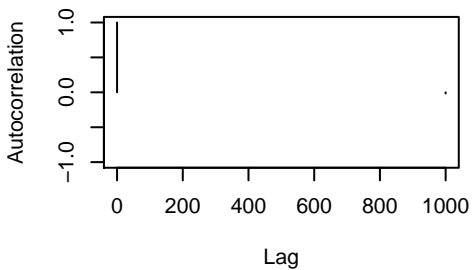
q[5,1]



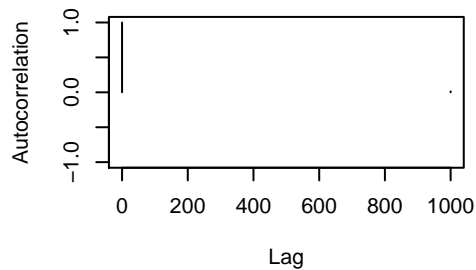
q[6,1]



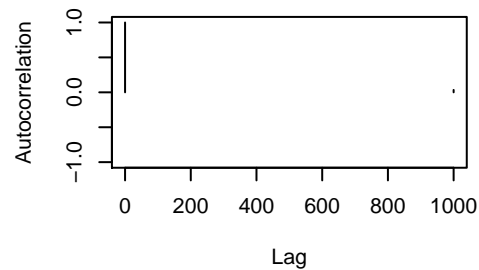
q[7,1]



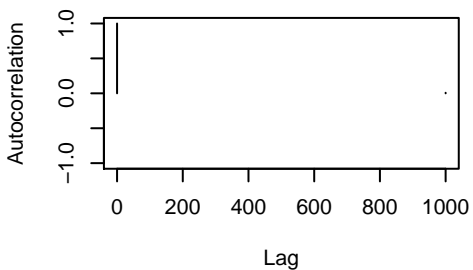
q[8,1]



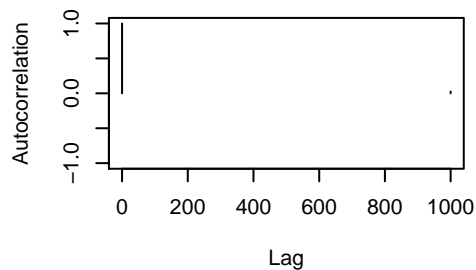
q[9,1]



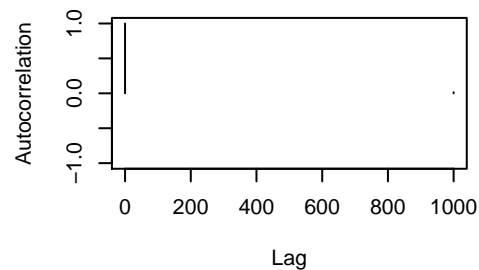
q[10,1]

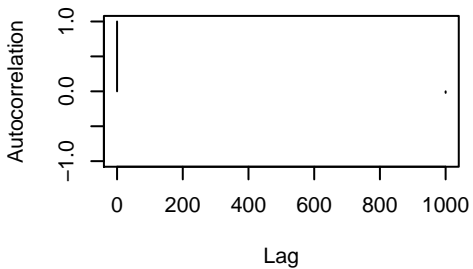
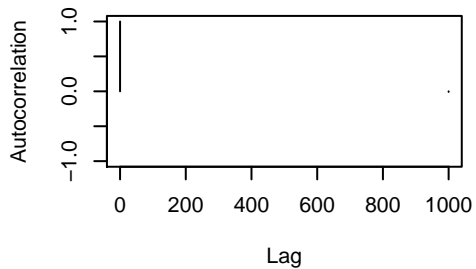
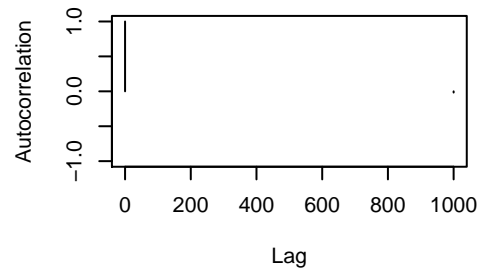
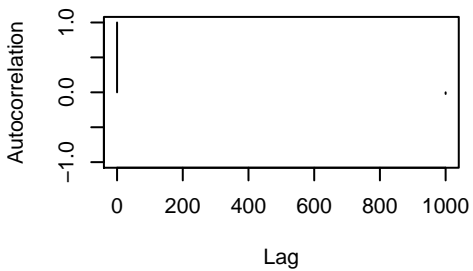
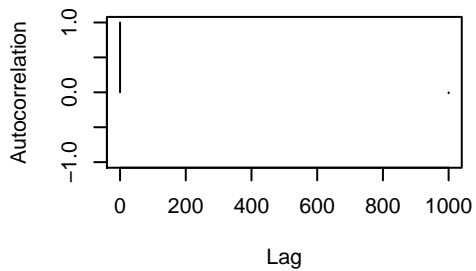
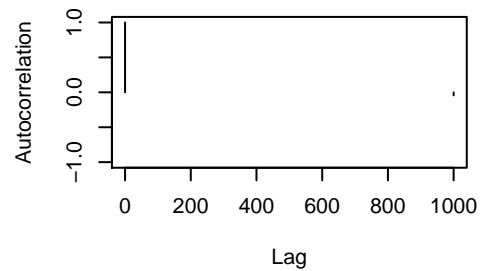
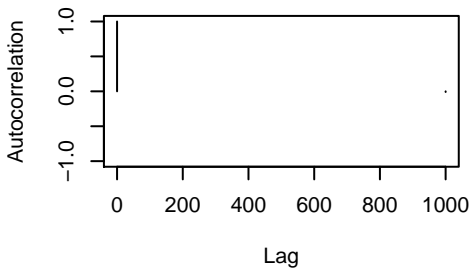
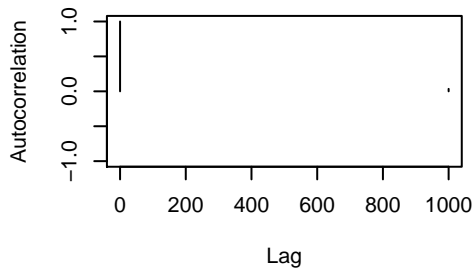
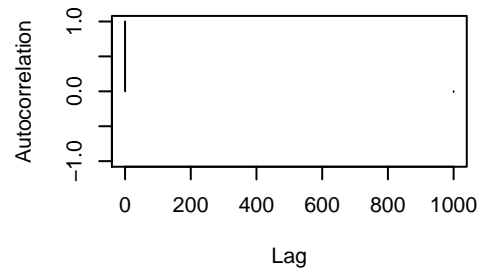


q[11,1]

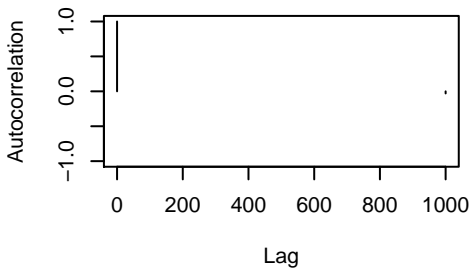


q[12,1]

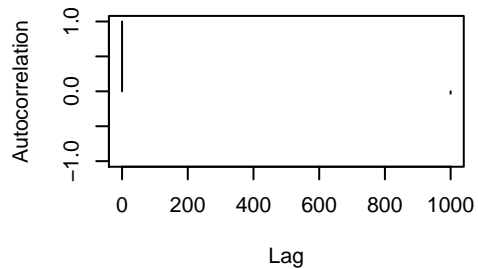


q[13,1]**q[14,1]****q[15,1]****q[16,1]****q[17,1]****q[18,1]****q[19,1]****q[20,1]****q[21,1]**

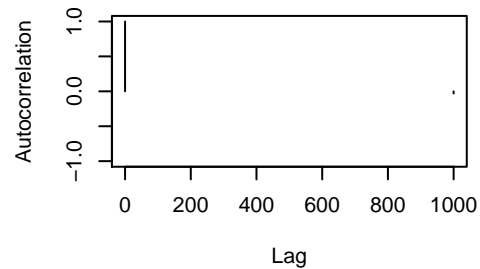
q[22,1]



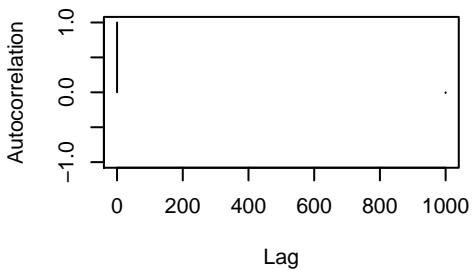
q[23,1]



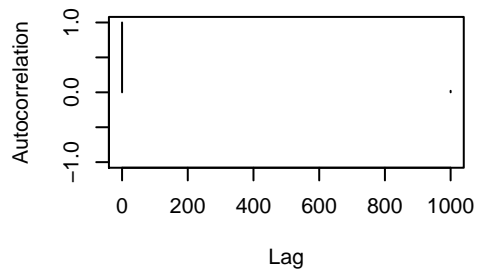
q[24,1]



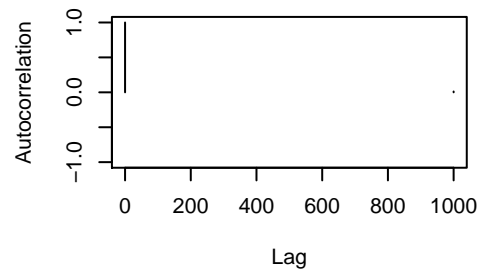
q[25,1]



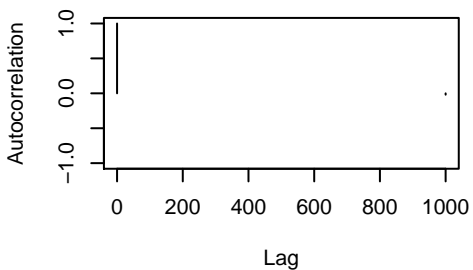
q[26,1]



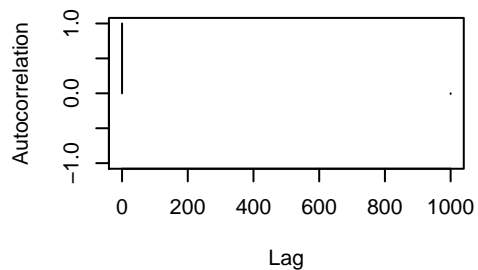
q[27,1]



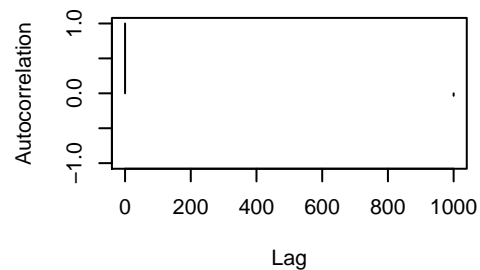
q[28,1]

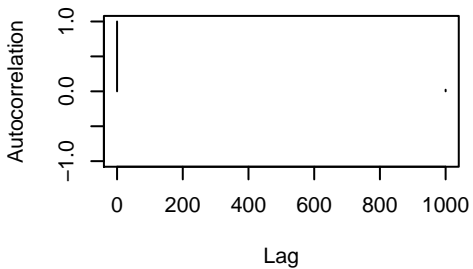
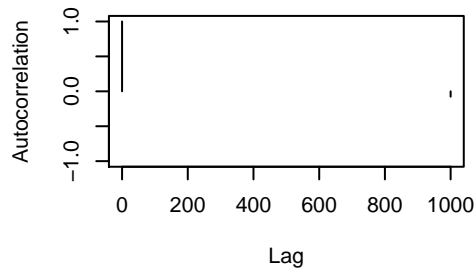
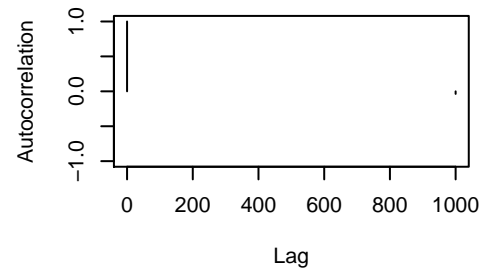
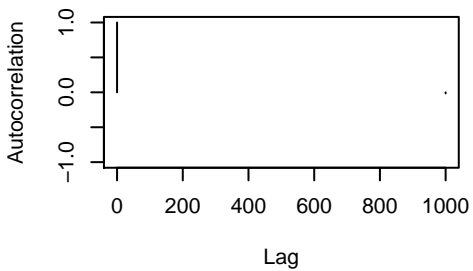
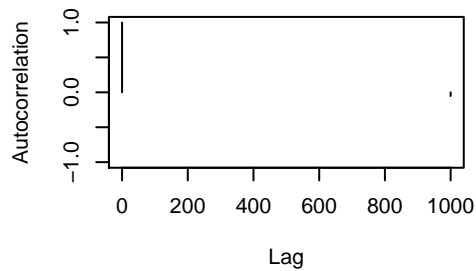
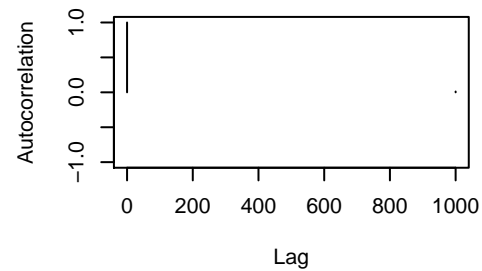
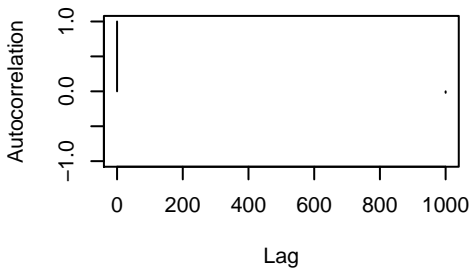
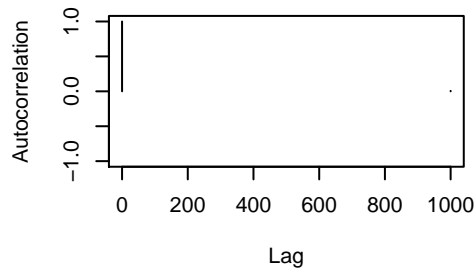
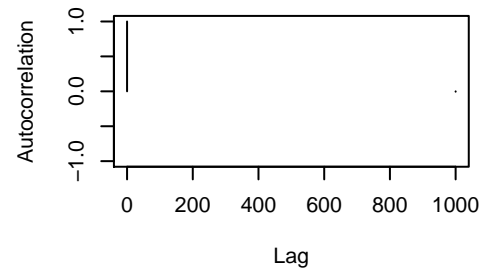


q[29,1]

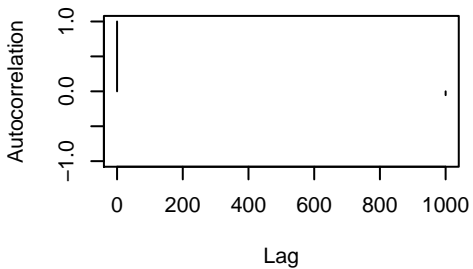


q[30,1]

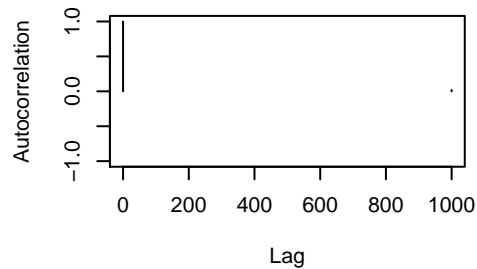


q[31,1]**q[32,1]****q[33,1]****q[34,1]****q[35,1]****q[36,1]****q[37,1]****q[1,2]****q[2,2]**

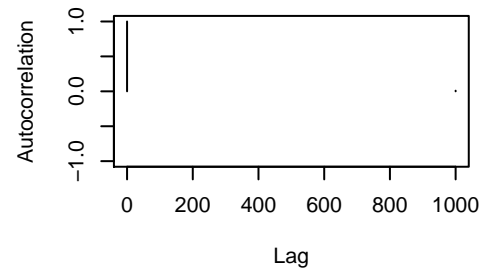
q[3,2]



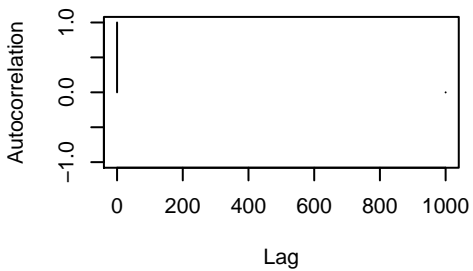
q[4,2]



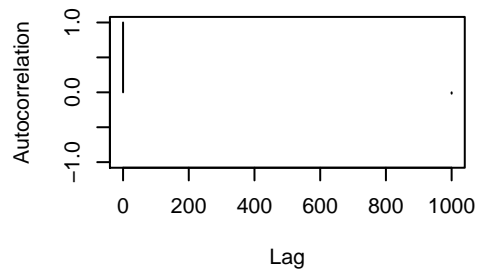
q[5,2]



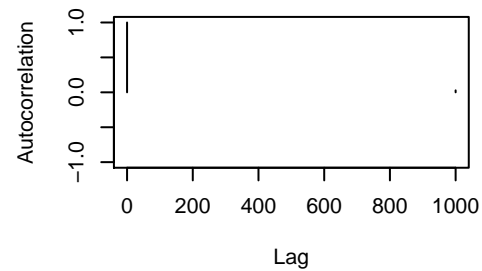
q[6,2]



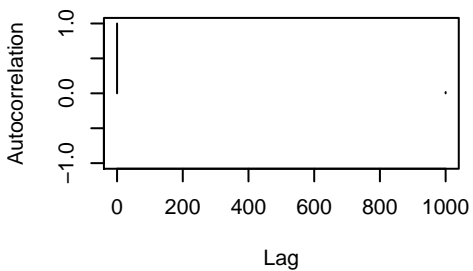
q[7,2]



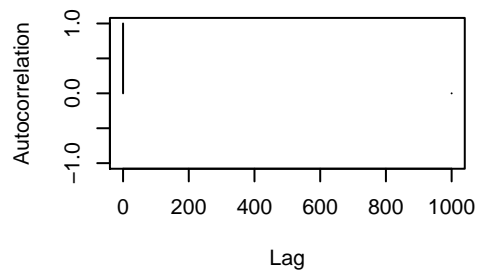
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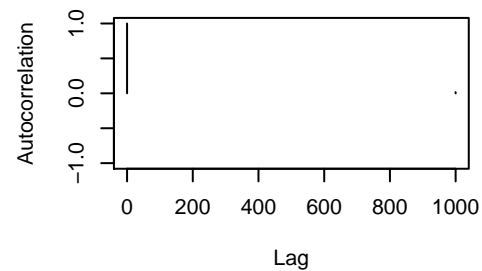
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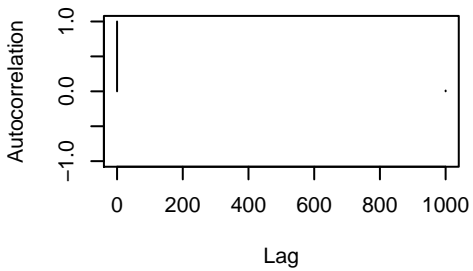
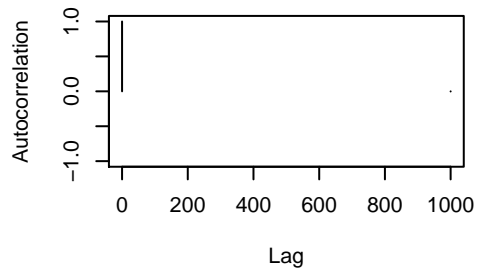
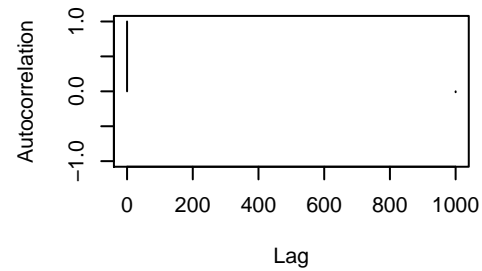
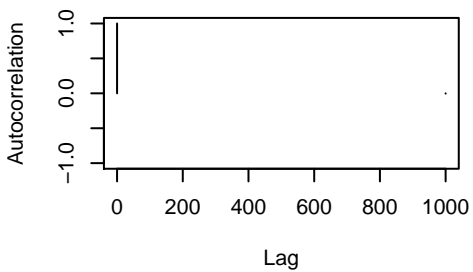
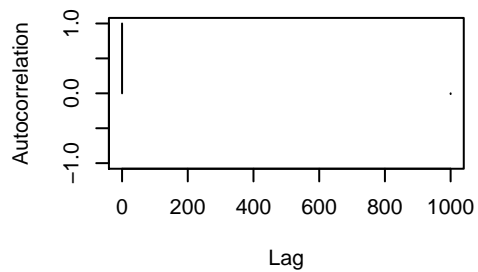
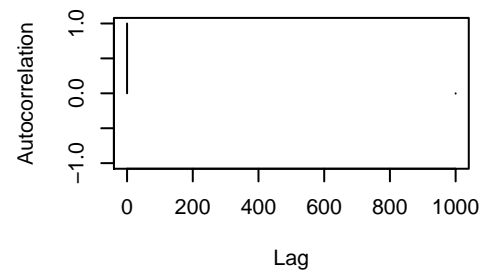
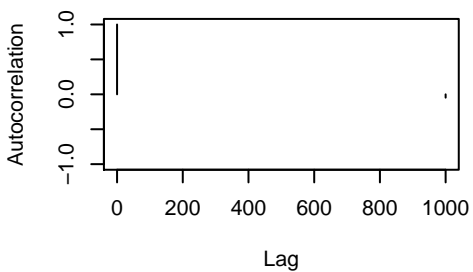
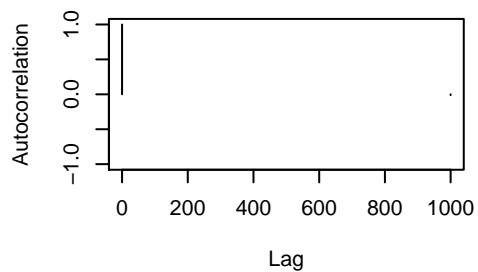
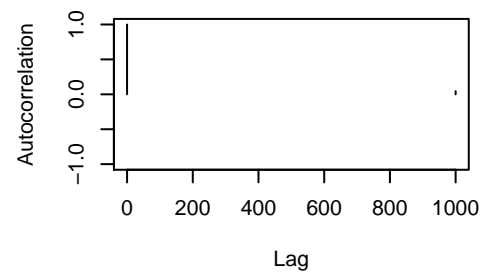


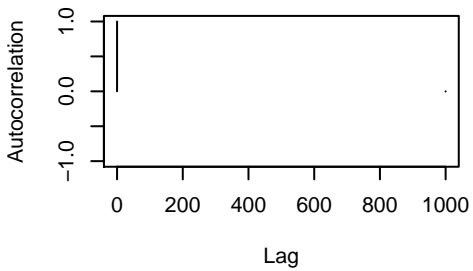
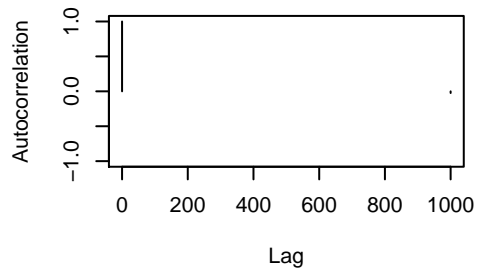
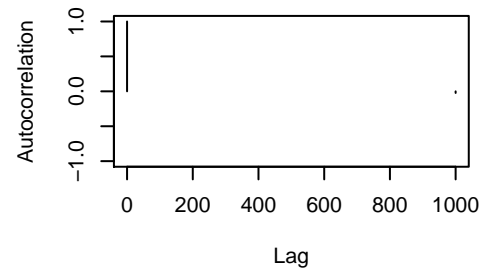
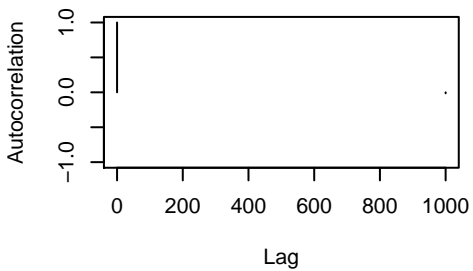
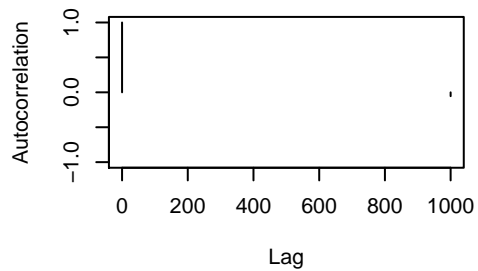
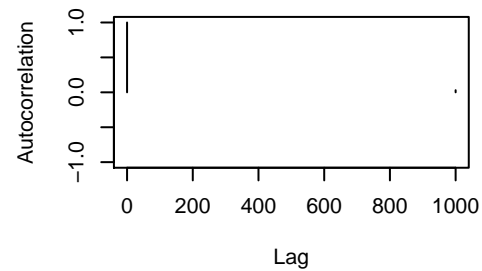
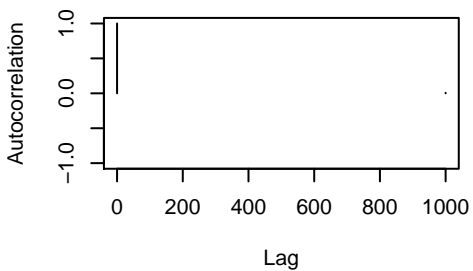
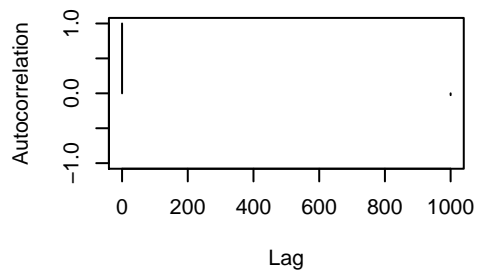
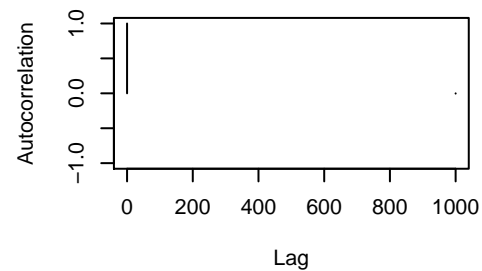
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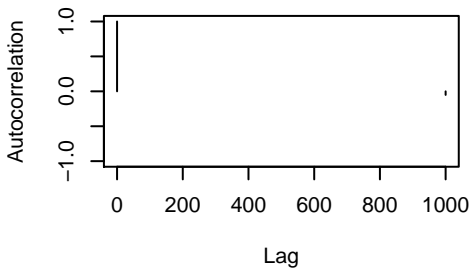
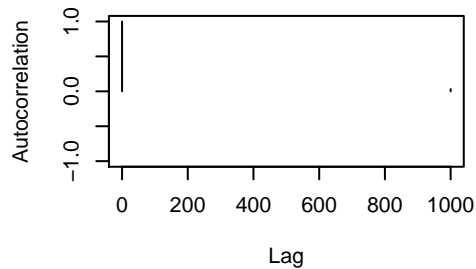
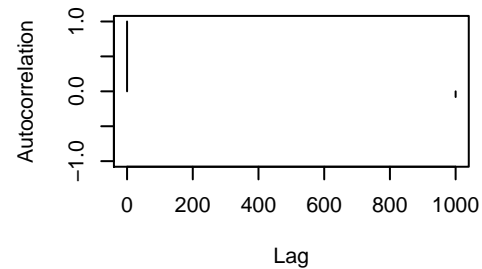
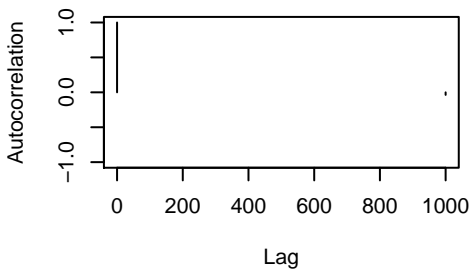
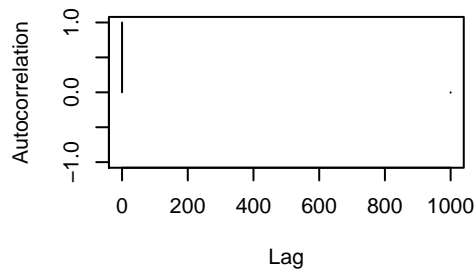
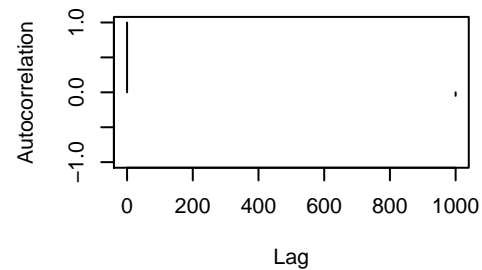
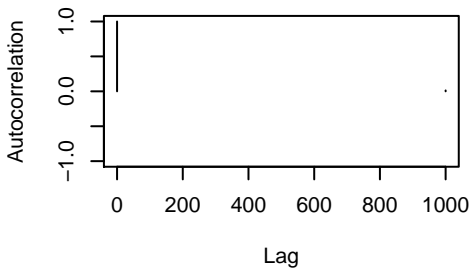
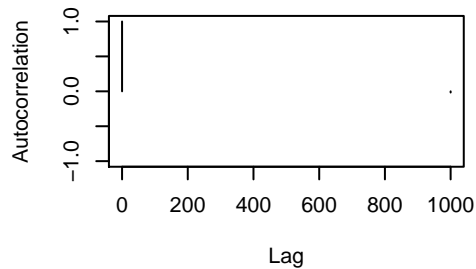
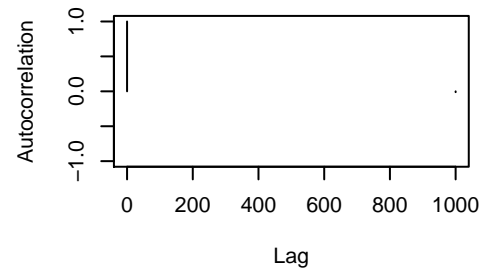


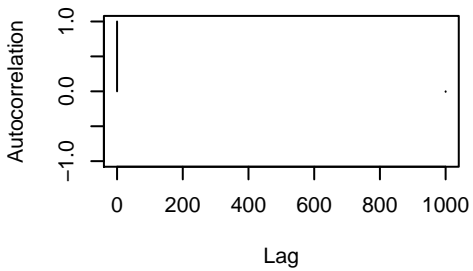
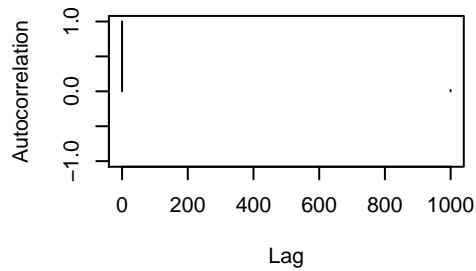
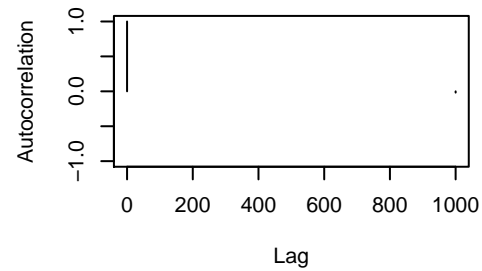
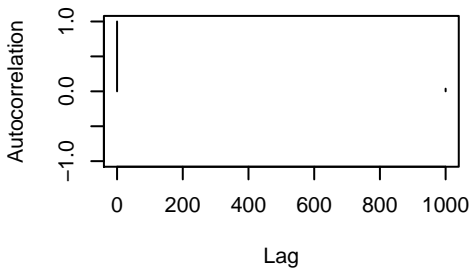
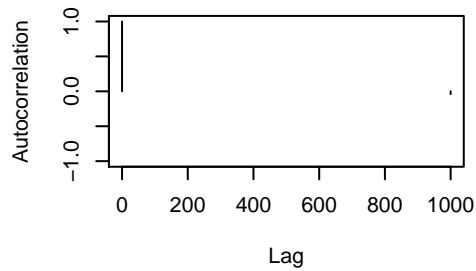
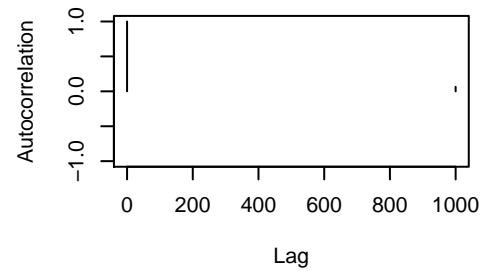
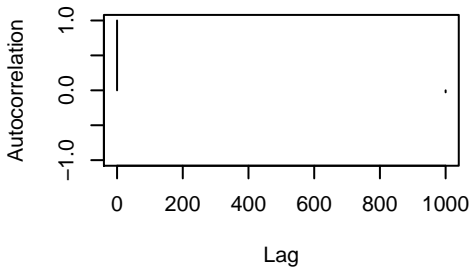
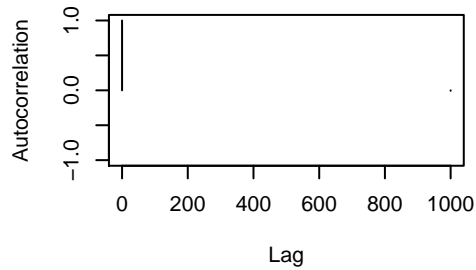
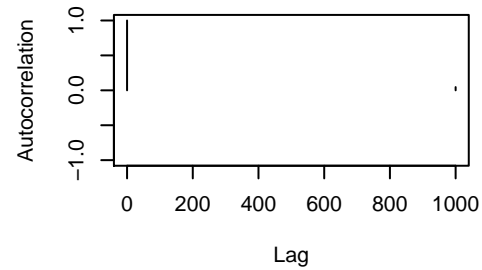
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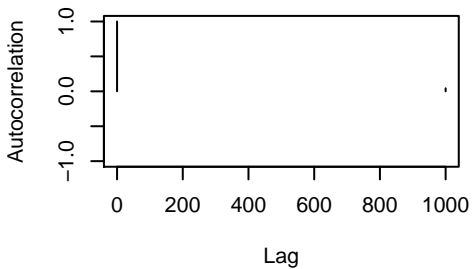
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q[21,2]**q[22,2]****q[23,2]****q[24,2]****q[25,2]****q[26,2]****q[27,2]****q[28,2]****q[29,2]**

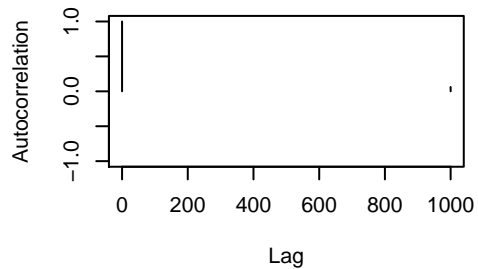
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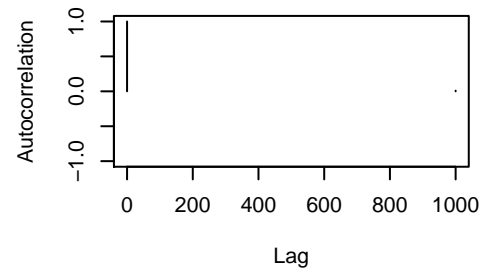
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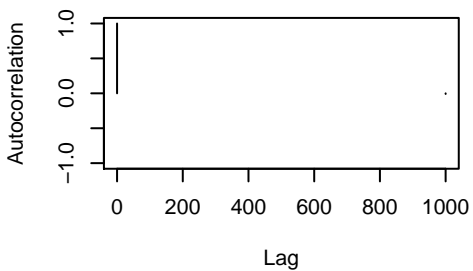
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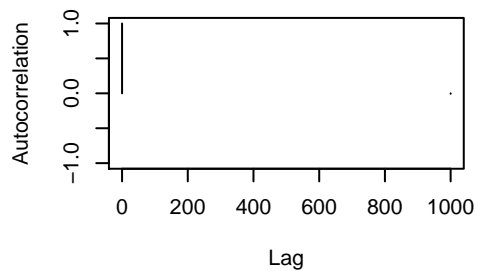
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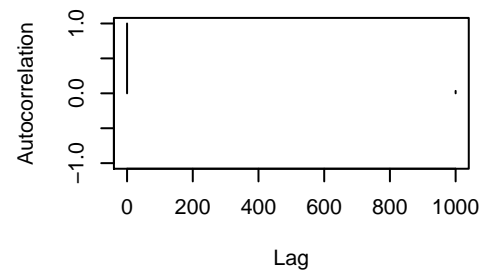
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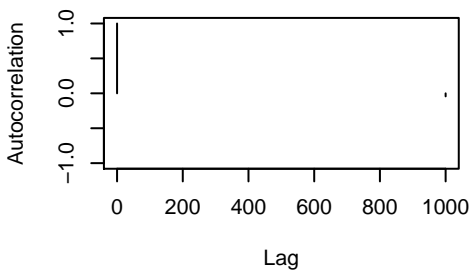
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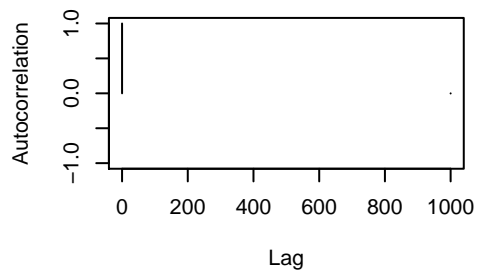
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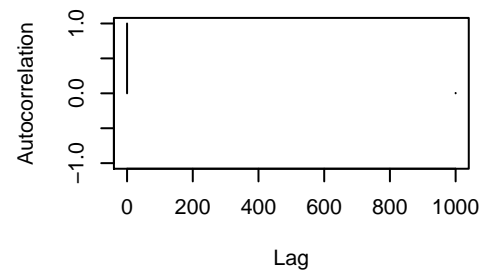
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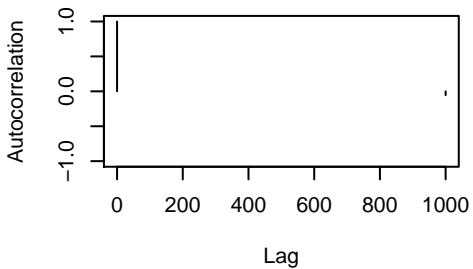
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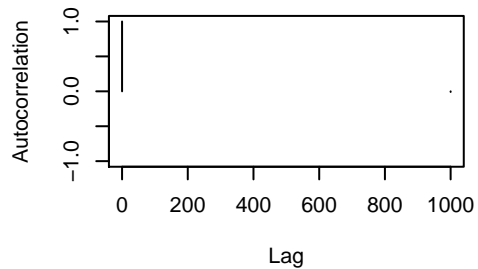
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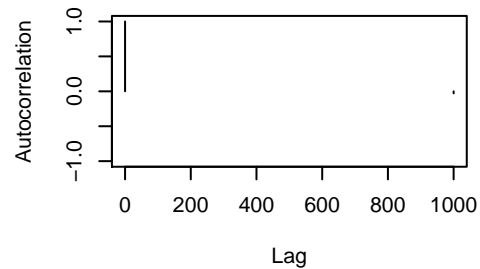
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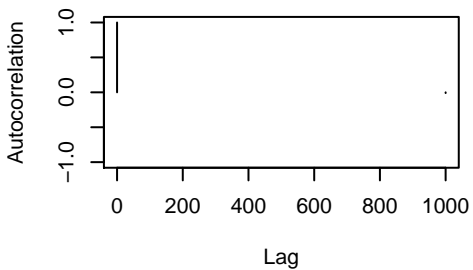
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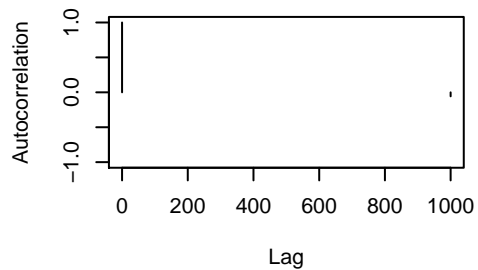
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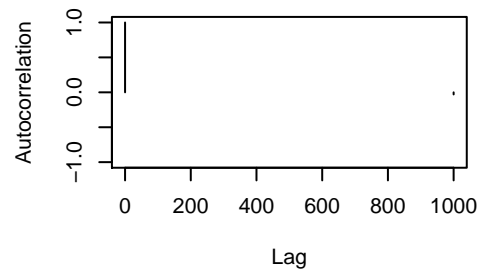
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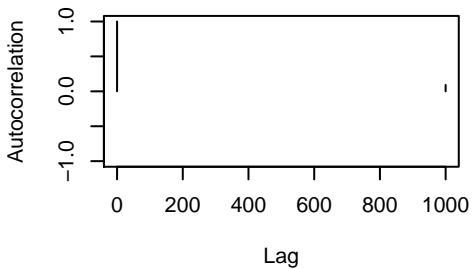
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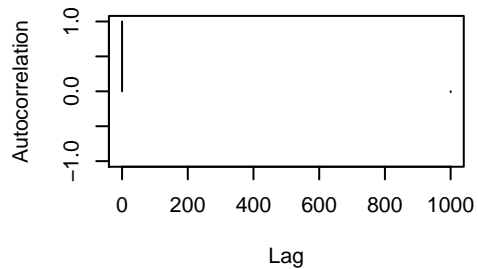
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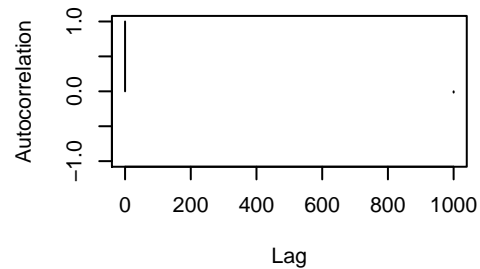
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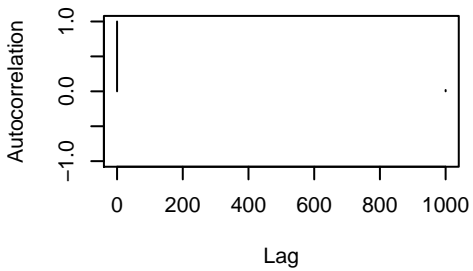
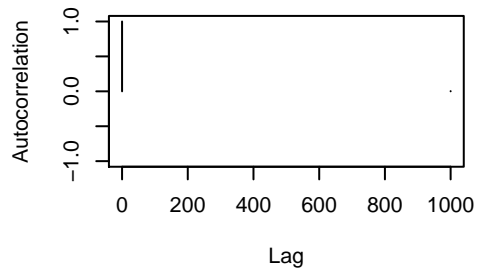
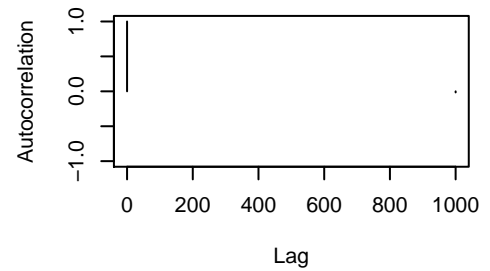
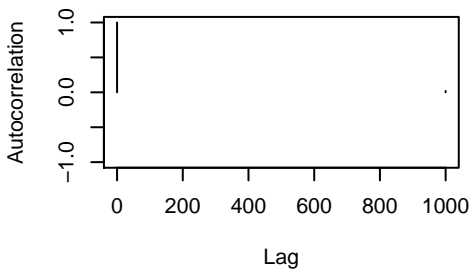
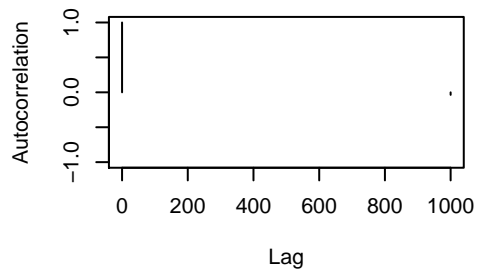
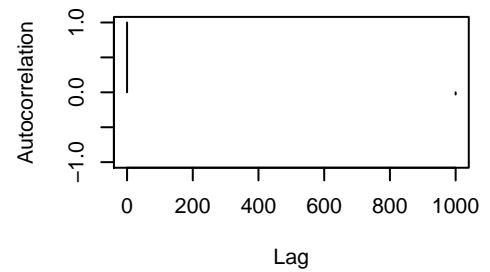
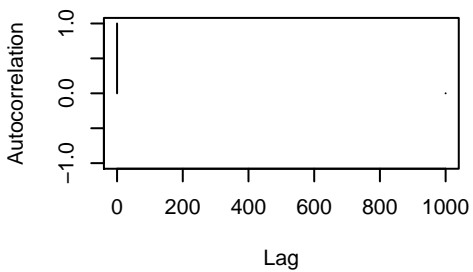
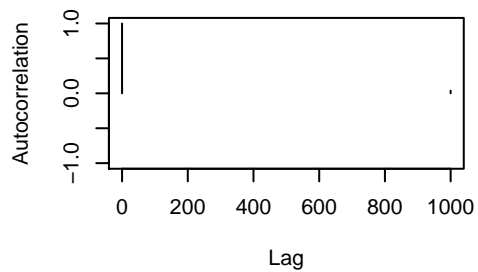
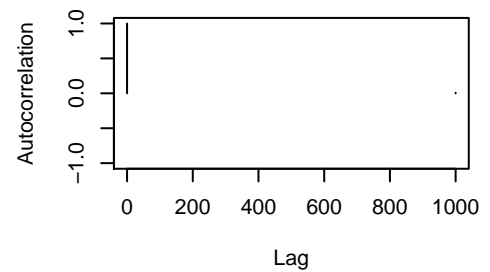


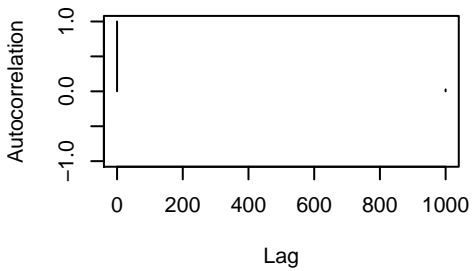
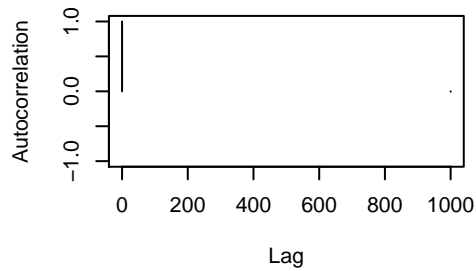
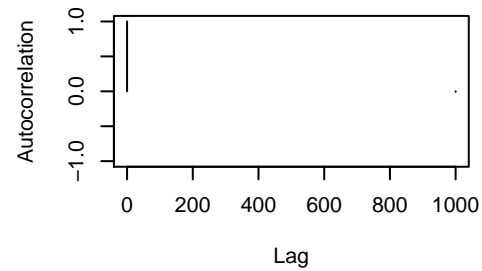
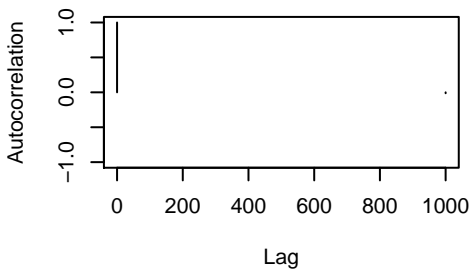
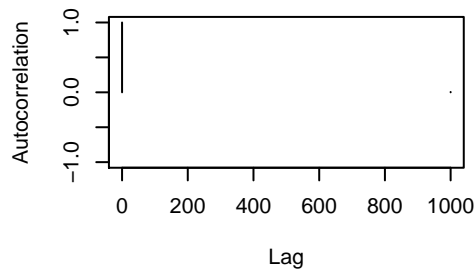
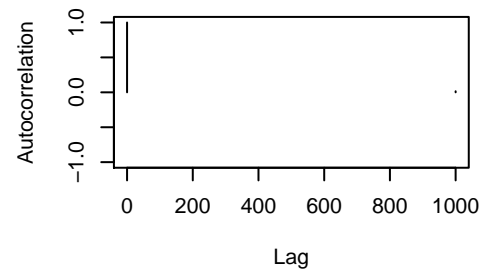
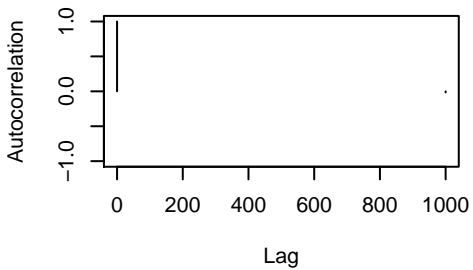
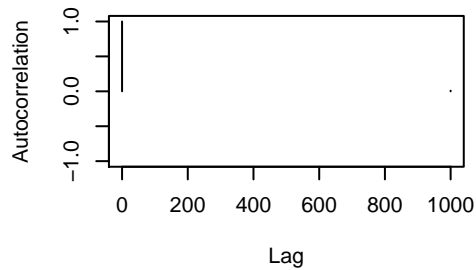
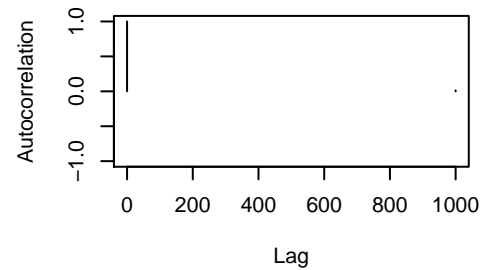
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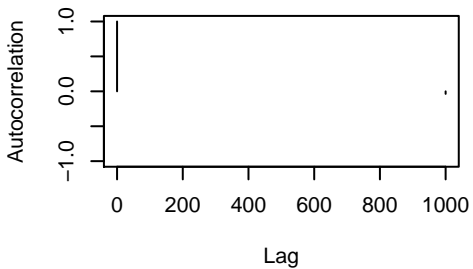
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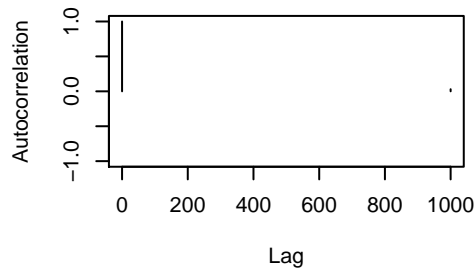
sigma.R**sigma.R0****B.sum****D.sum****H.B[1]****H.B[2]****H.B[3]****H.B[4]****H.B[5]**

H.B[6]**H.B[7]****H.B[8]****H.B[9]****H.B[10]****H.B[11]****H.B[12]****H.B[13]****H.B[14]**

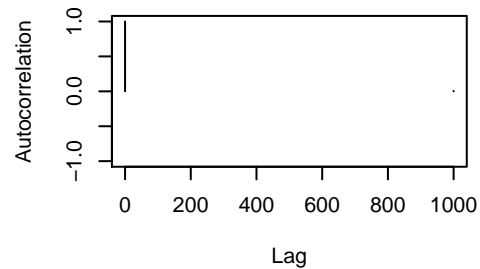
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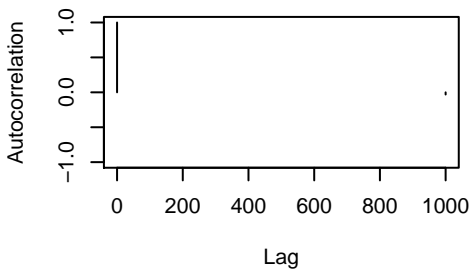
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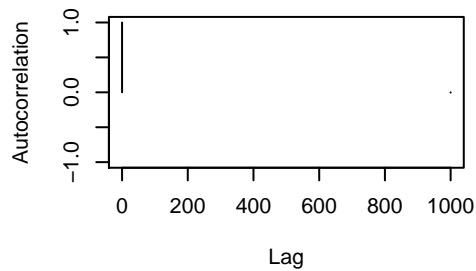
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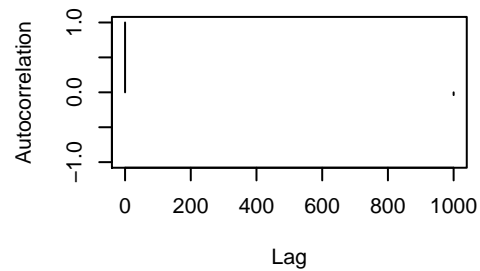
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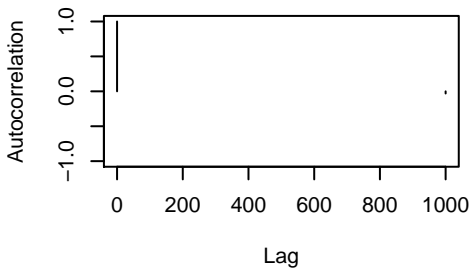
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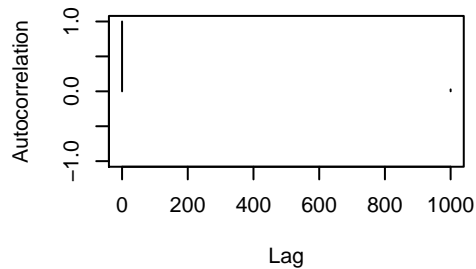
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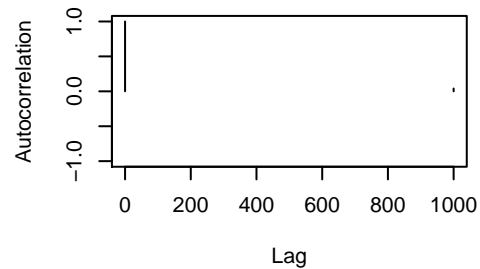
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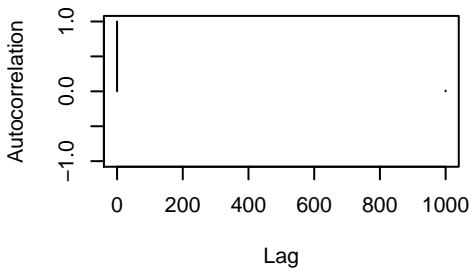
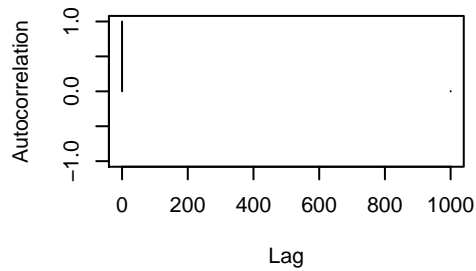
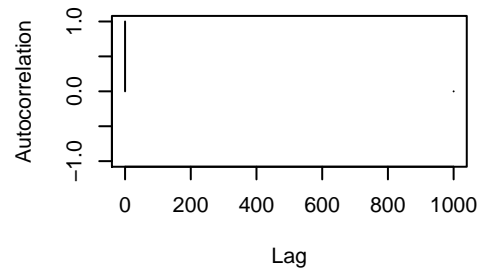
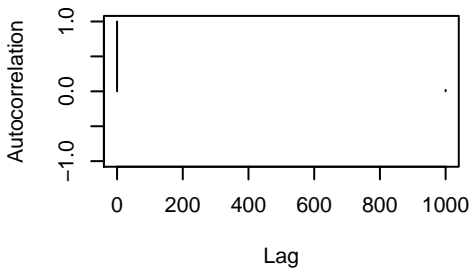
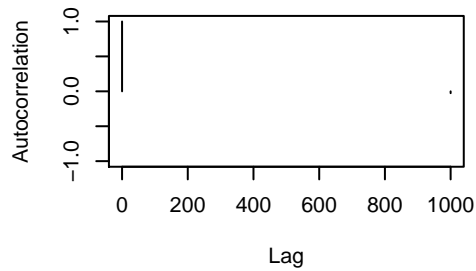
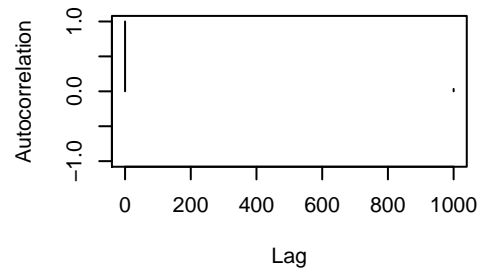
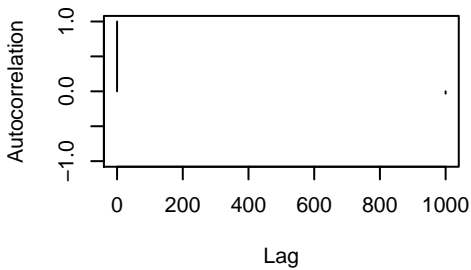
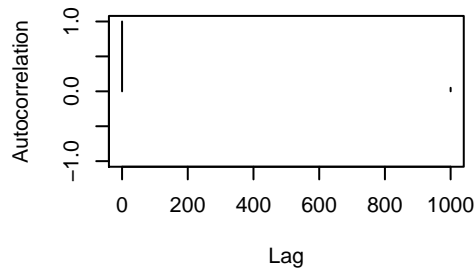
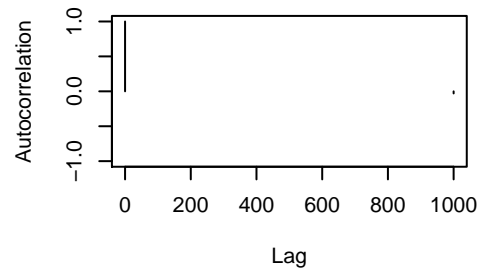


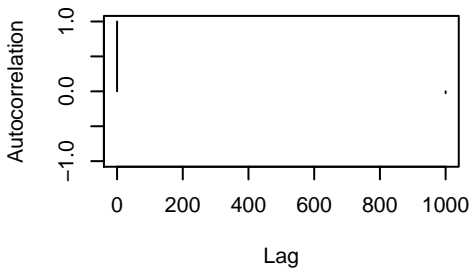
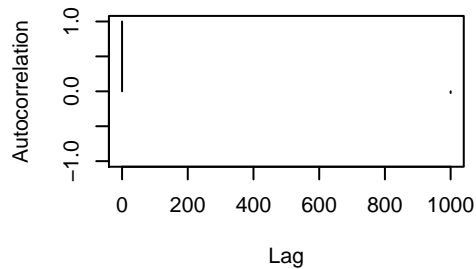
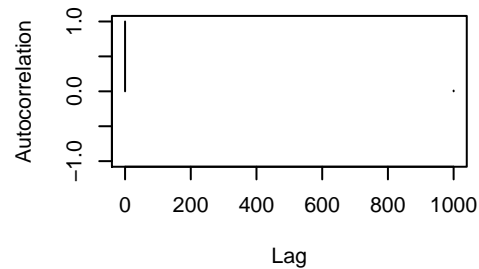
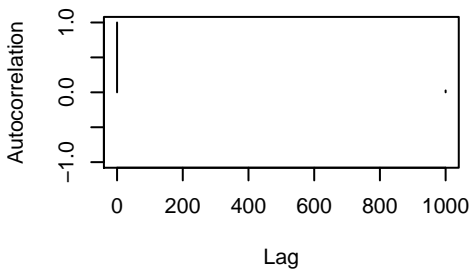
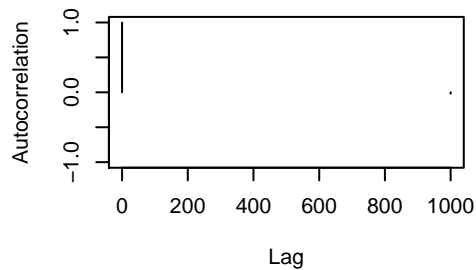
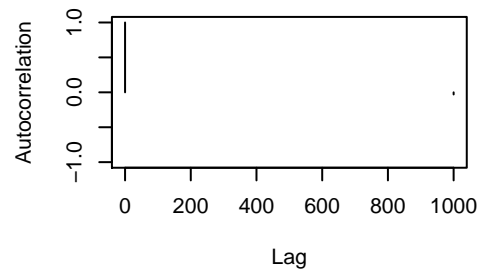
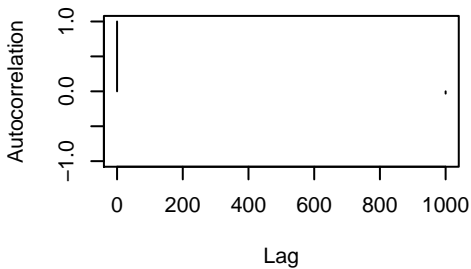
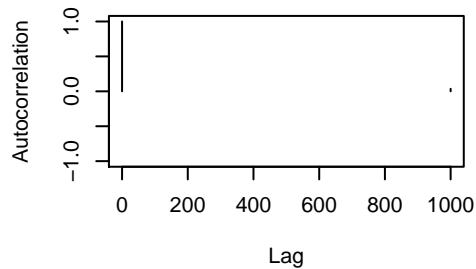
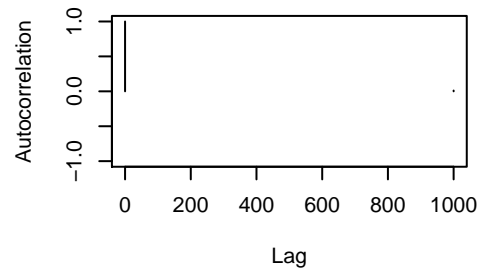
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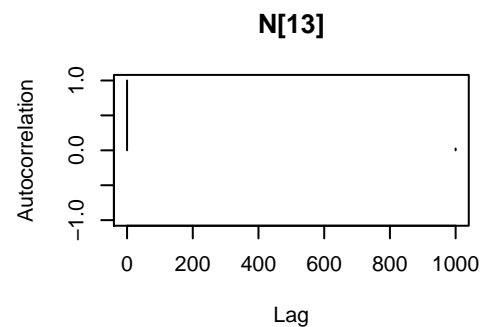
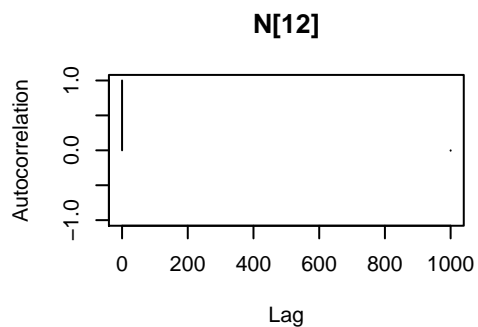
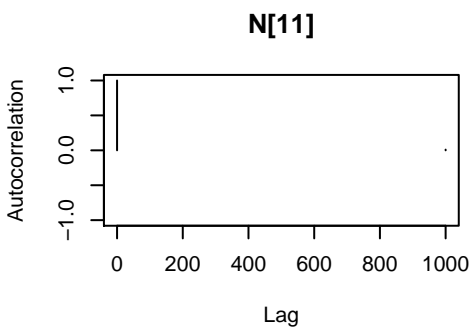
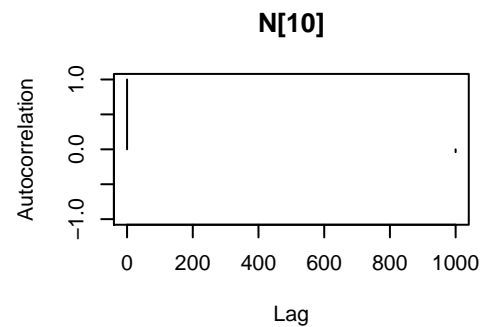
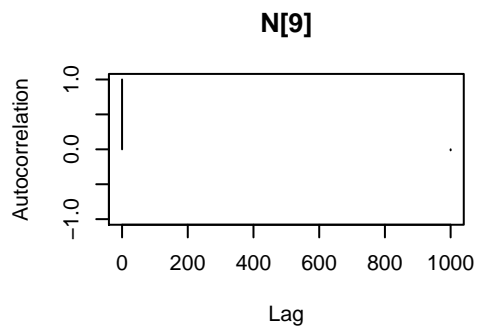
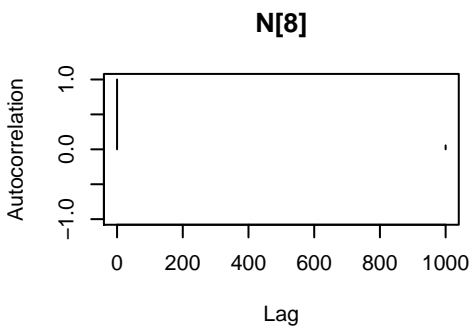
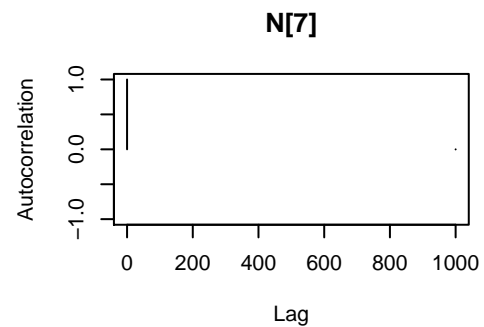
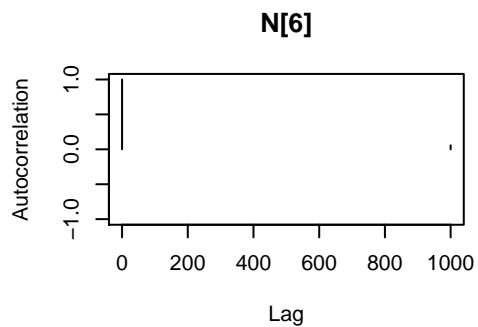
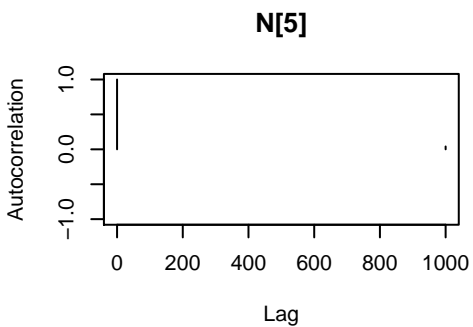


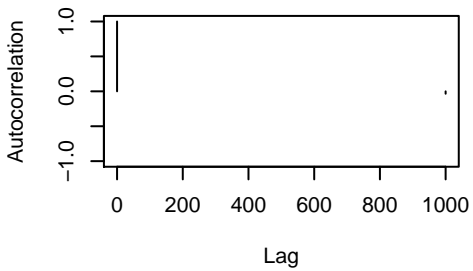
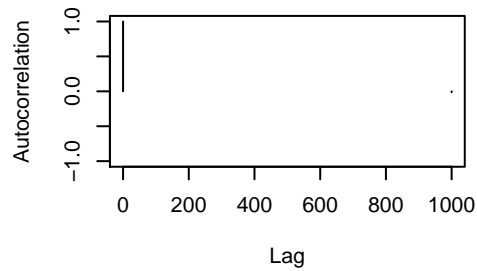
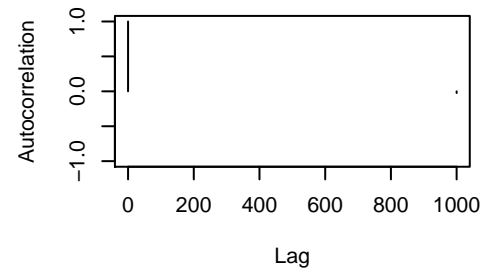
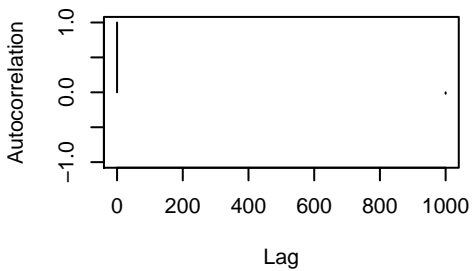
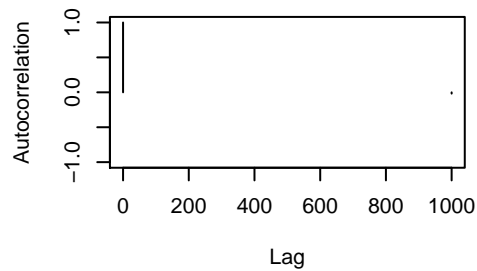
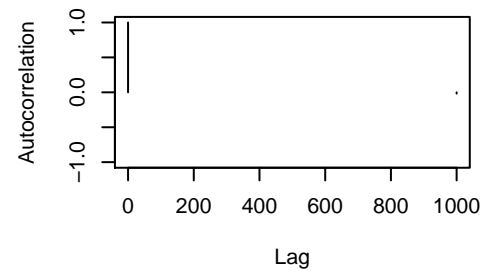
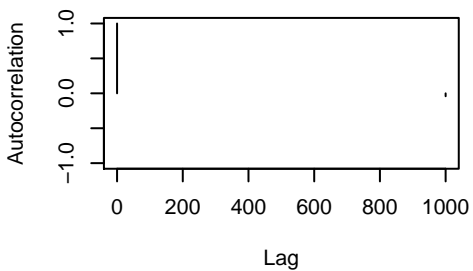
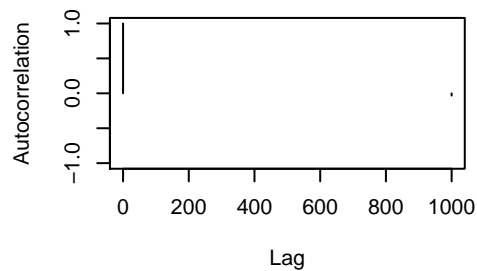
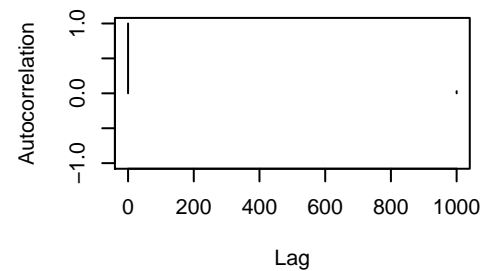
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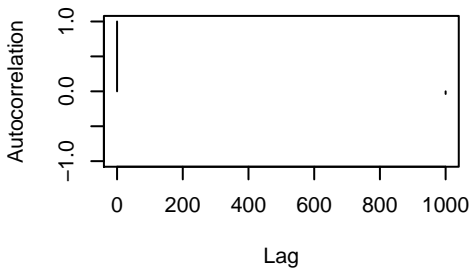
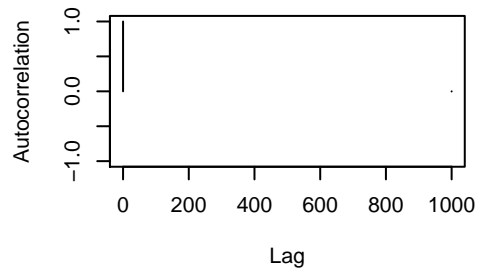
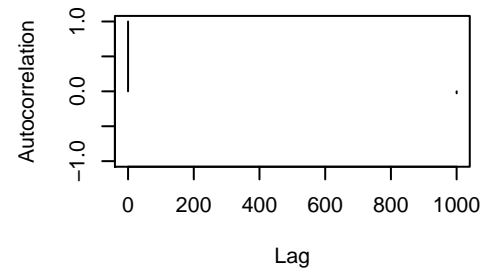
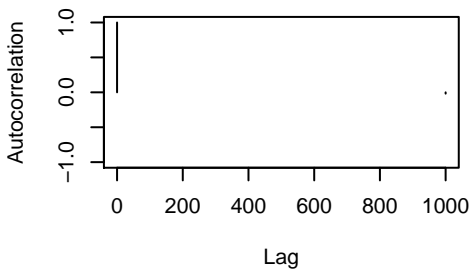
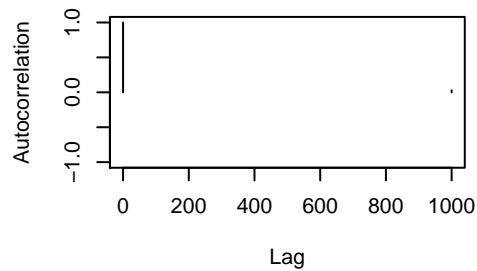
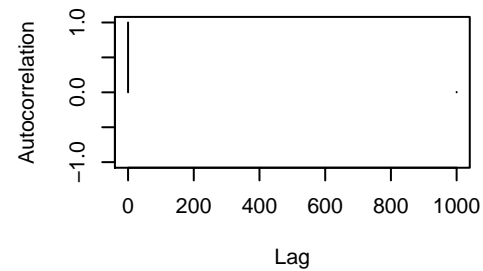
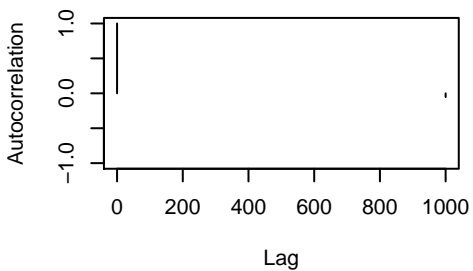
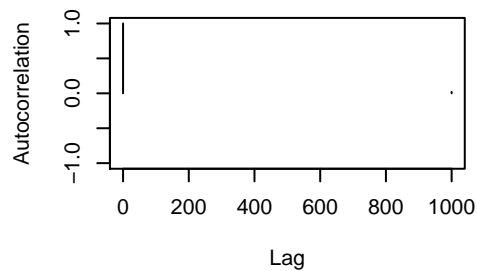
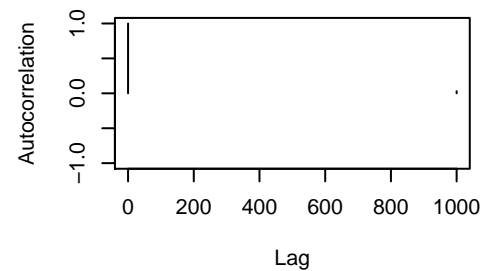


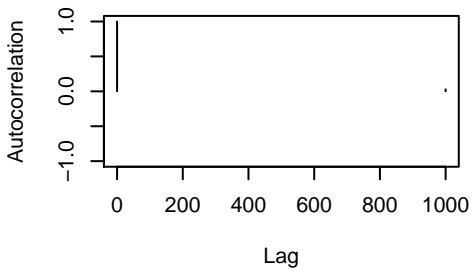
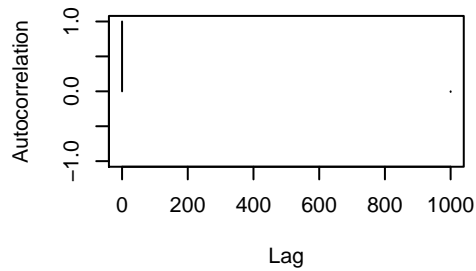
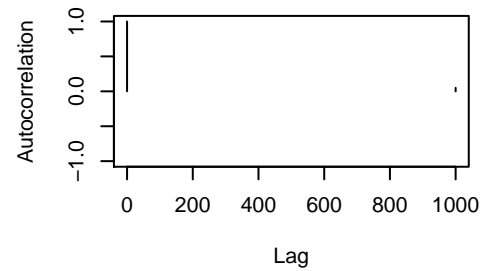
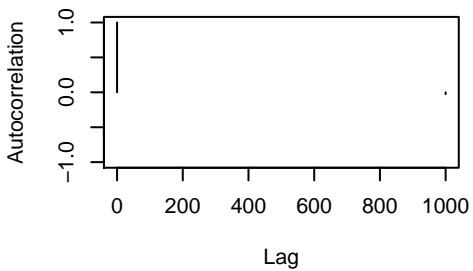
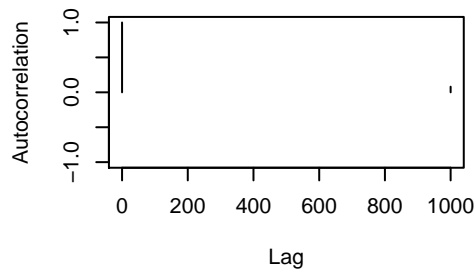
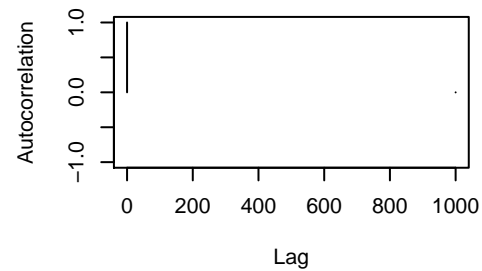
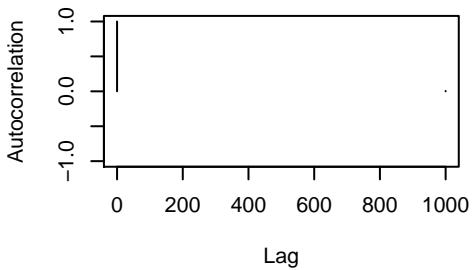
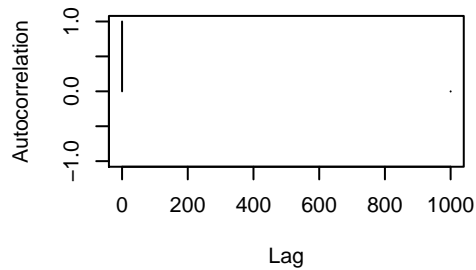
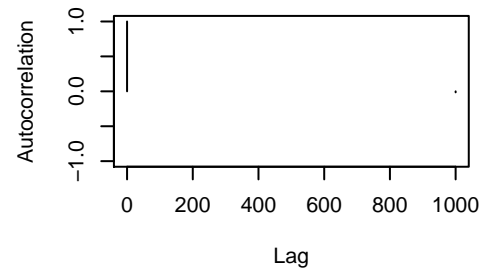
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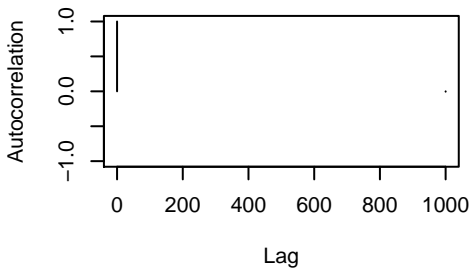
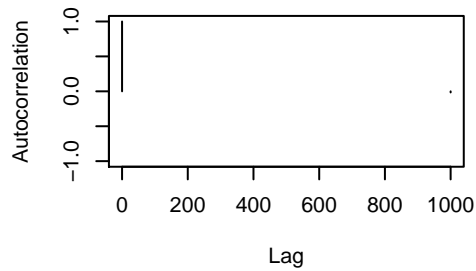
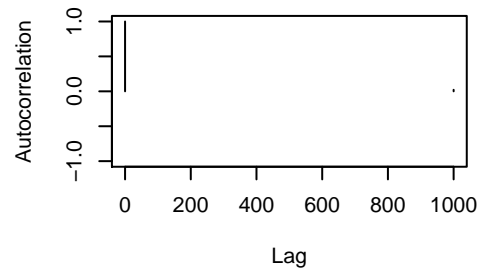
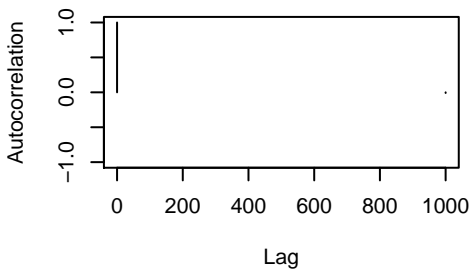
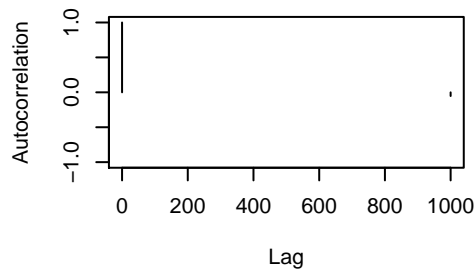
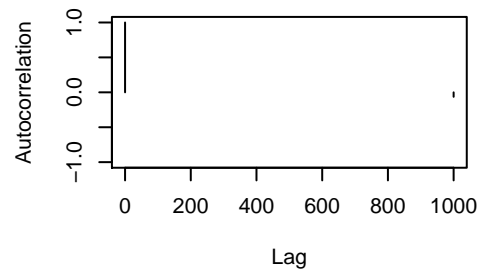
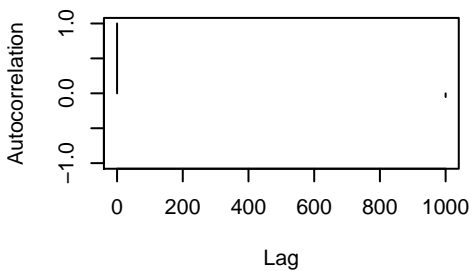
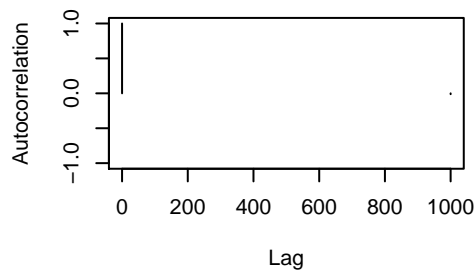
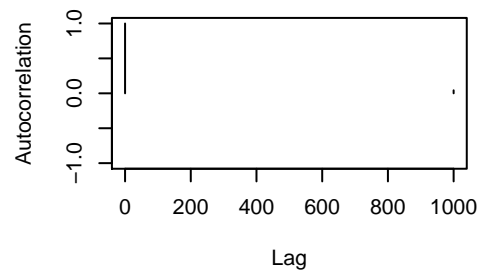
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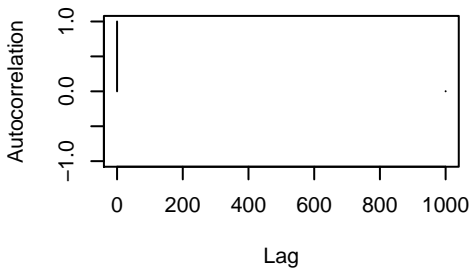
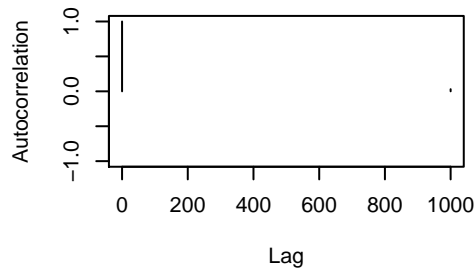
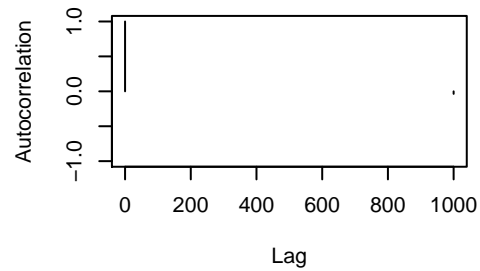
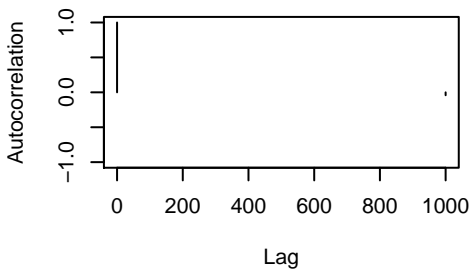
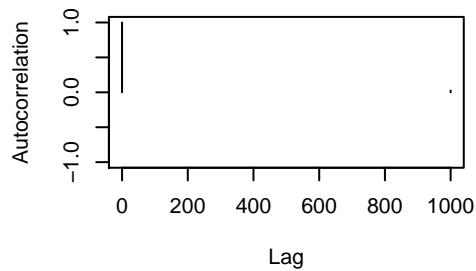
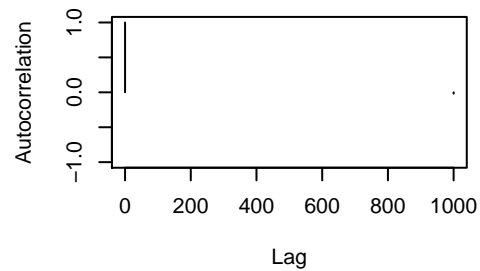
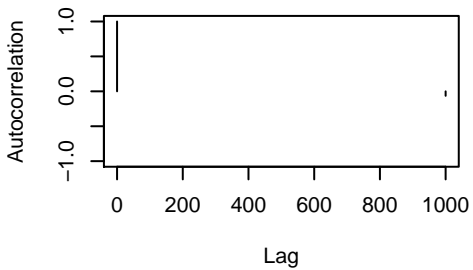
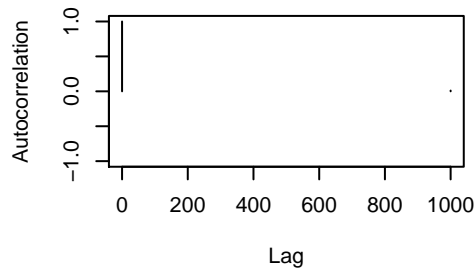
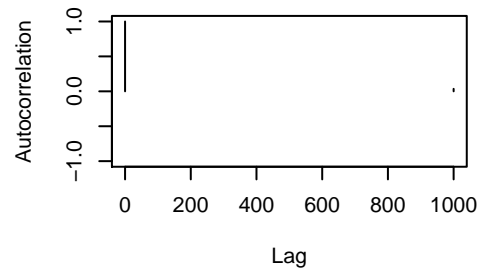


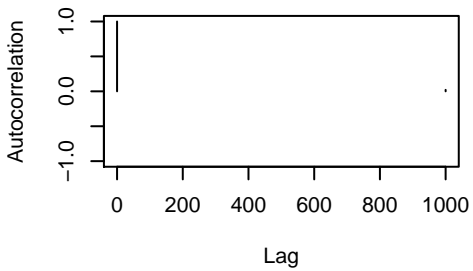
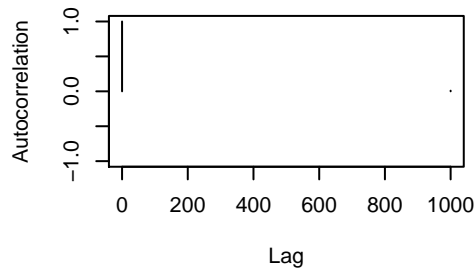
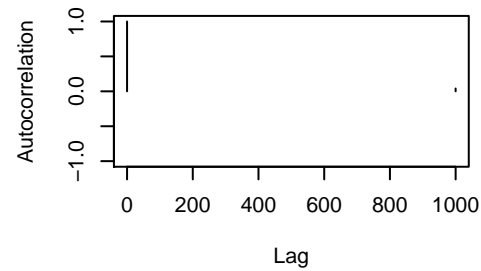
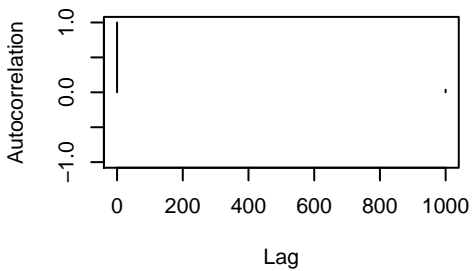
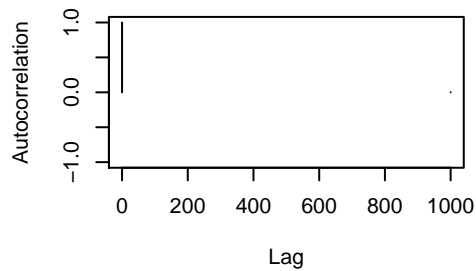
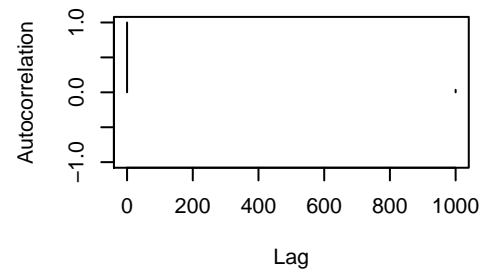
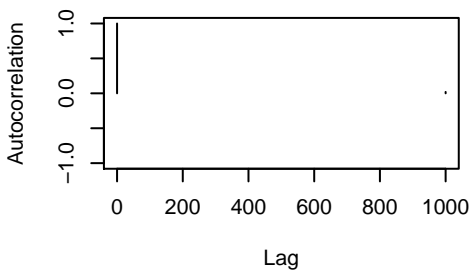
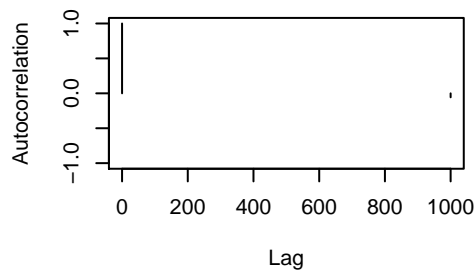
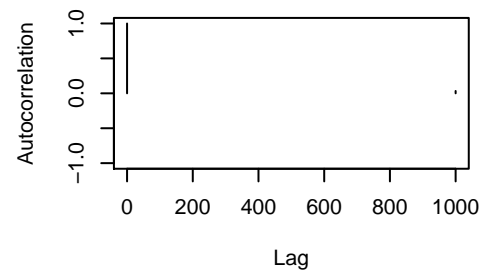
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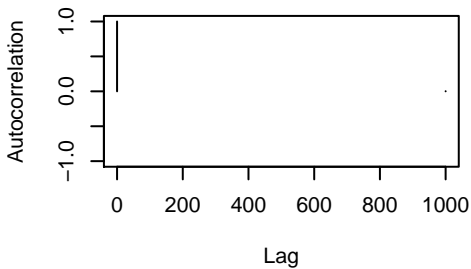
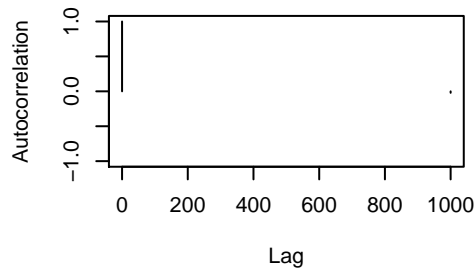
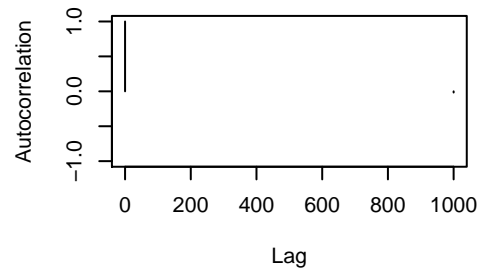
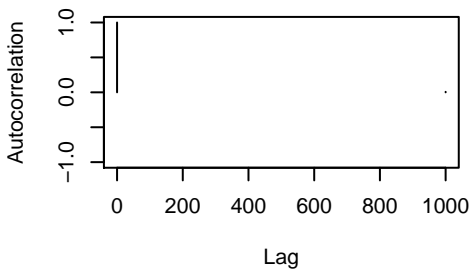
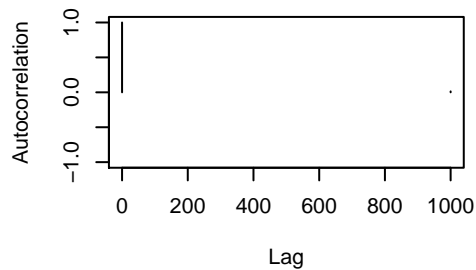
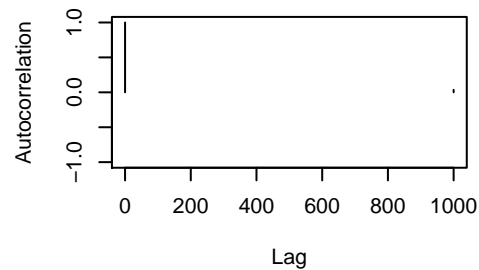
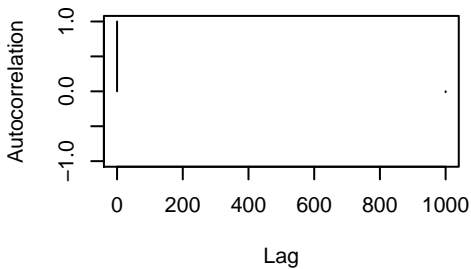
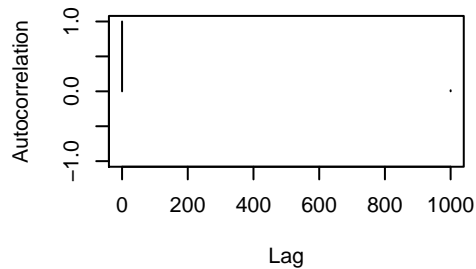
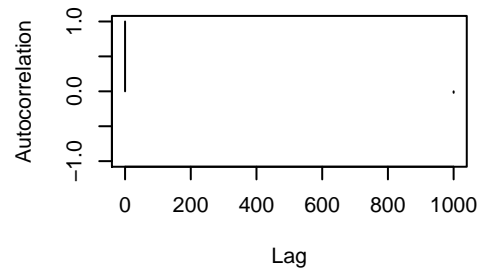
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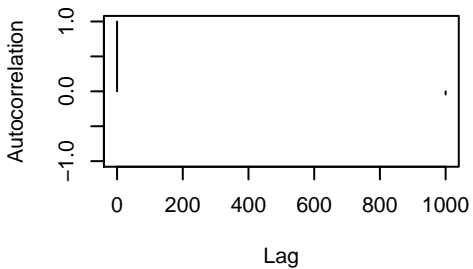
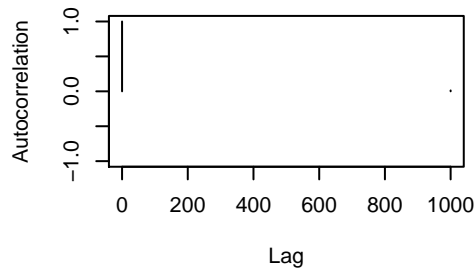
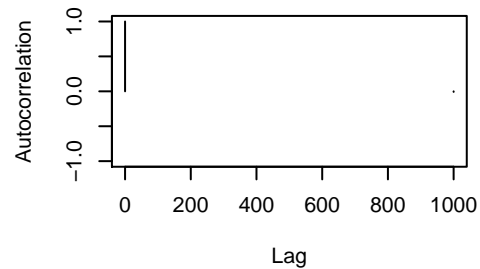
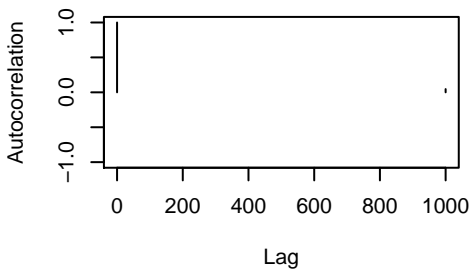
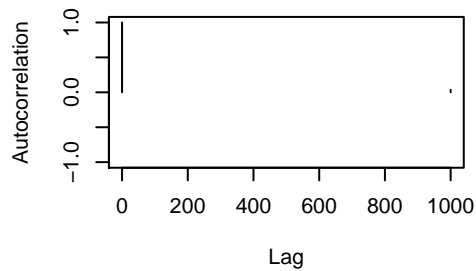
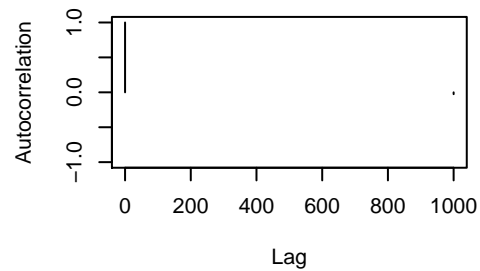
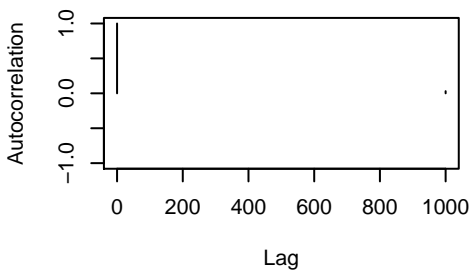
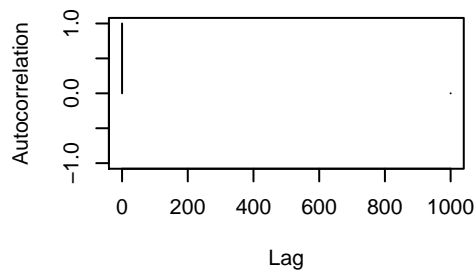
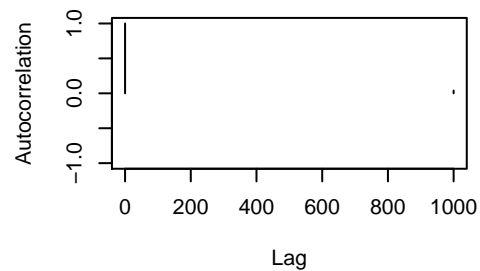
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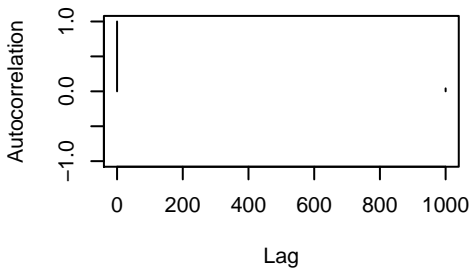
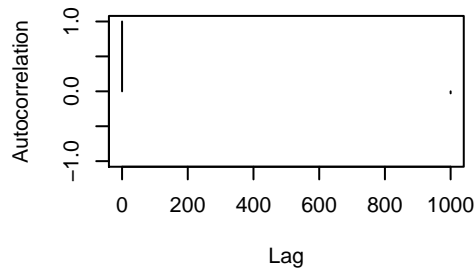
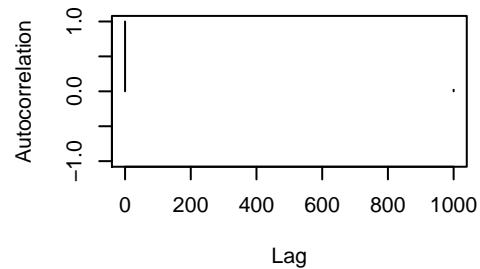
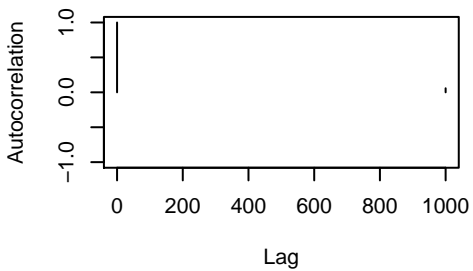
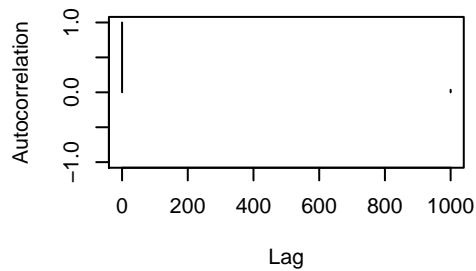
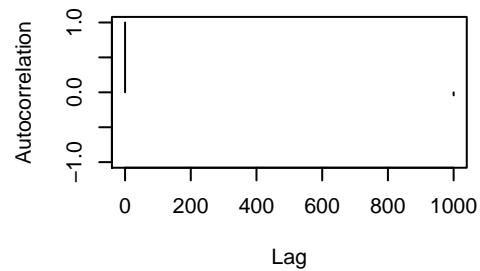
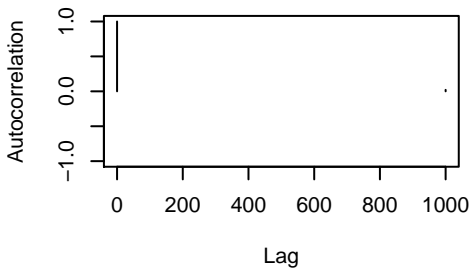
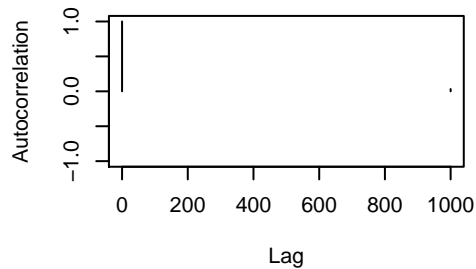
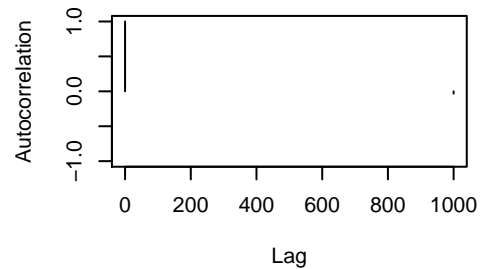
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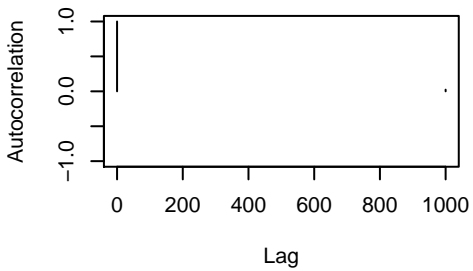
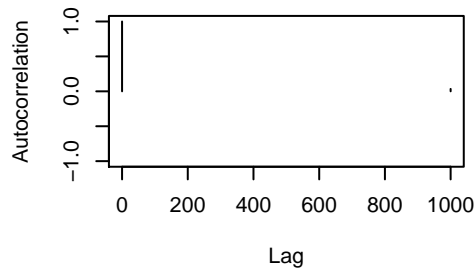
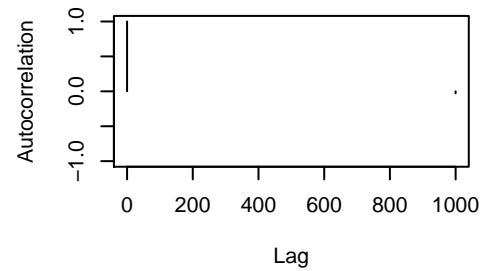
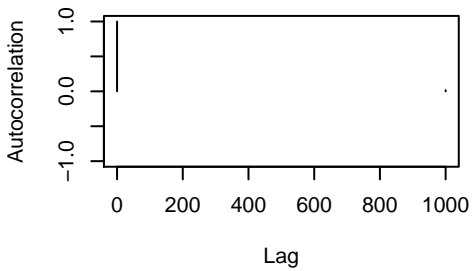
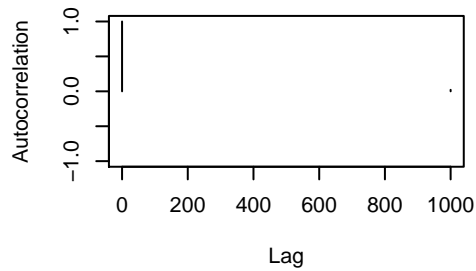
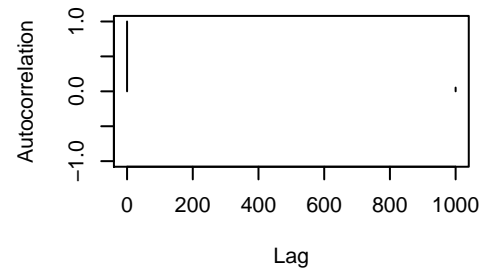
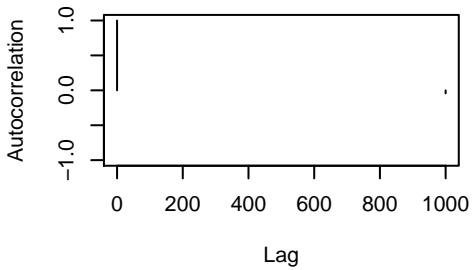
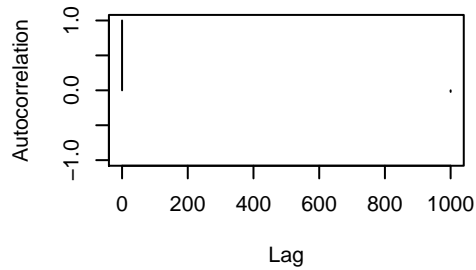
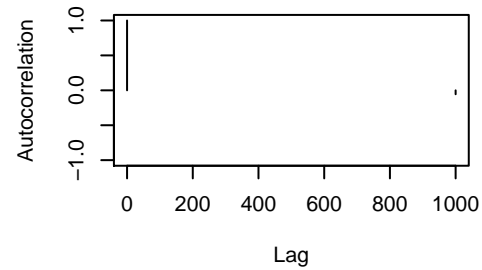
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N.ya[3,2]**N.ya[4,2]****N.ya[5,2]****N.ya[6,2]****N.ya[7,2]****N.ya[8,2]****N.ya[9,2]****N.ya[10,2]****N.ya[11,2]**

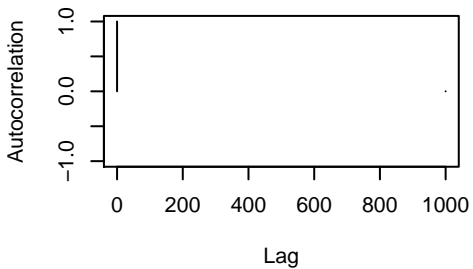
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N.ya[21,2]**N.ya[22,2]****N.ya[23,2]****N.ya[24,2]****N.ya[25,2]****N.ya[26,2]****N.ya[27,2]****N.ya[28,2]****N.ya[29,2]**

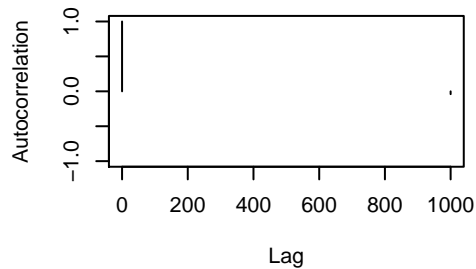
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N.ya[2,3]**N.ya[3,3]****N.ya[4,3]****N.ya[5,3]****N.ya[6,3]****N.ya[7,3]****N.ya[8,3]****N.ya[9,3]****N.ya[10,3]**

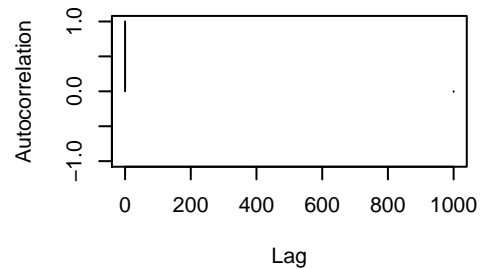
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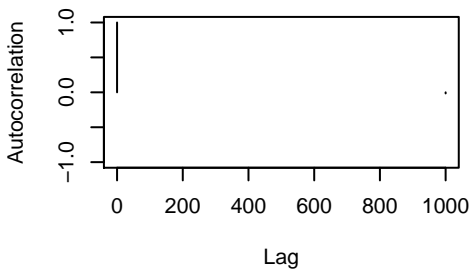
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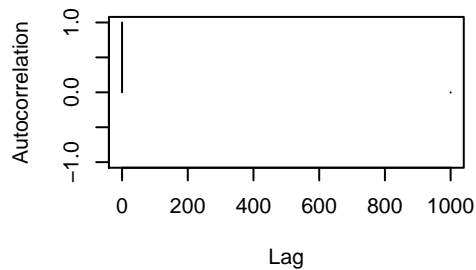
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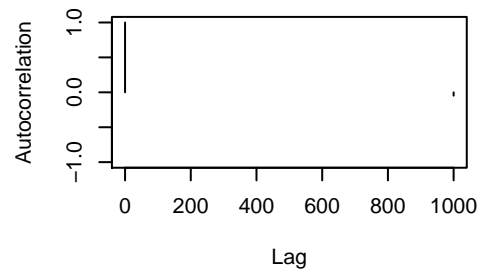
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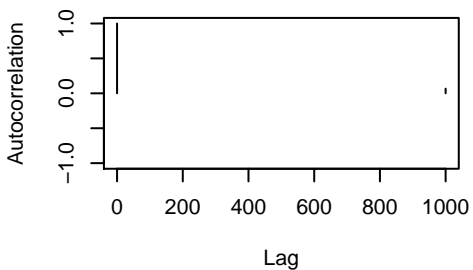
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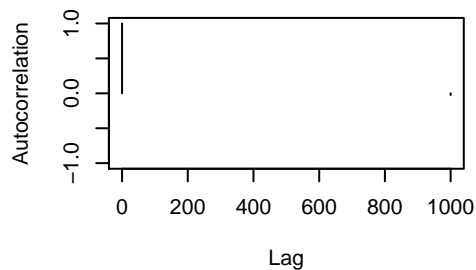
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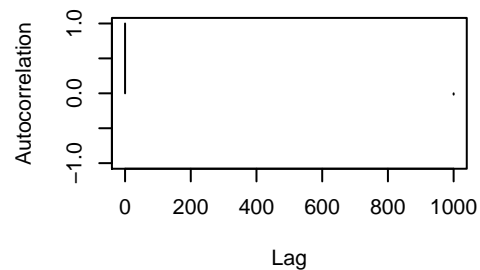
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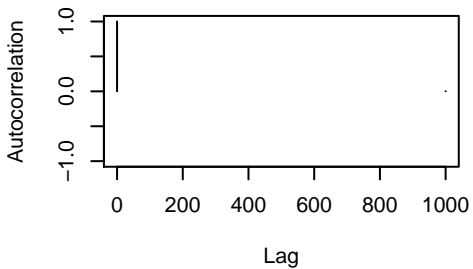
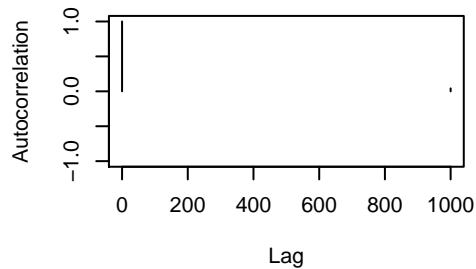
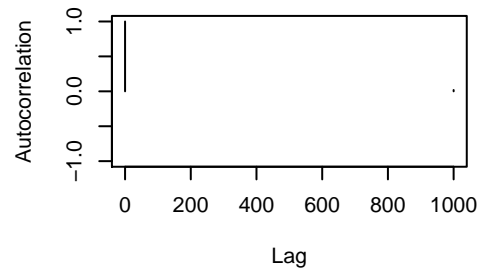
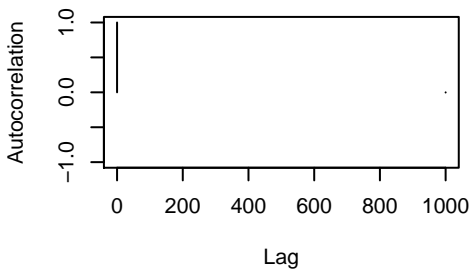
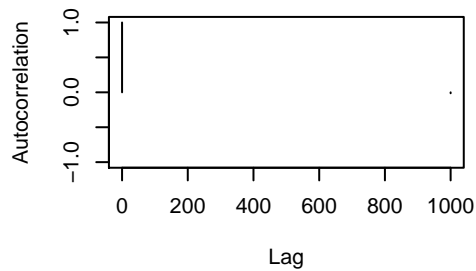
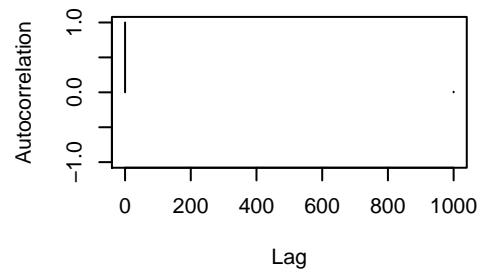
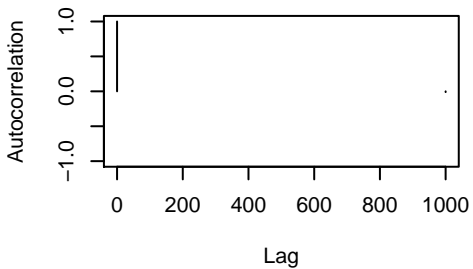
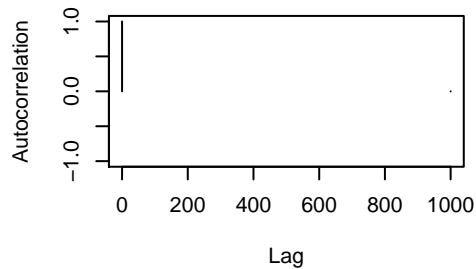
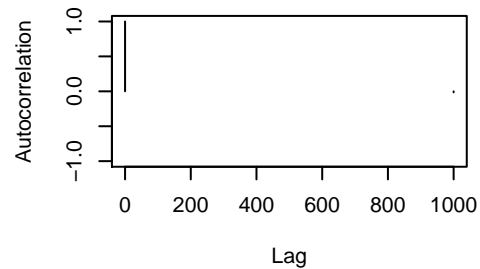


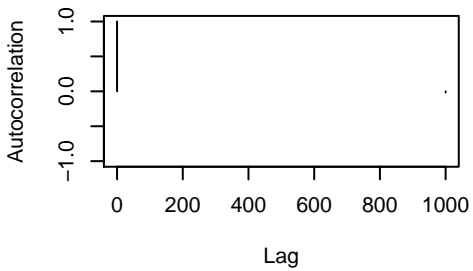
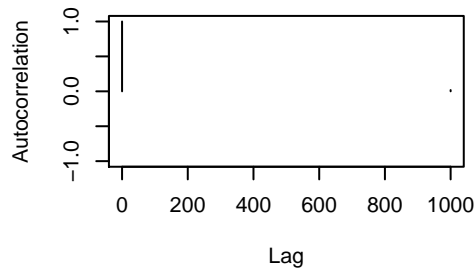
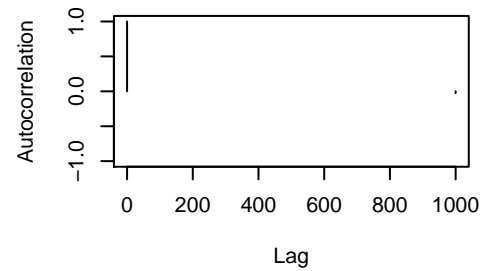
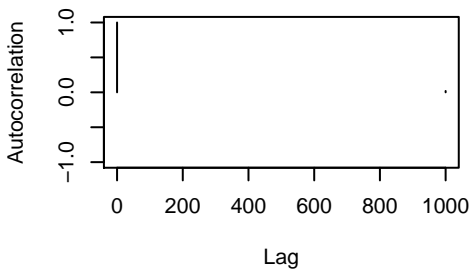
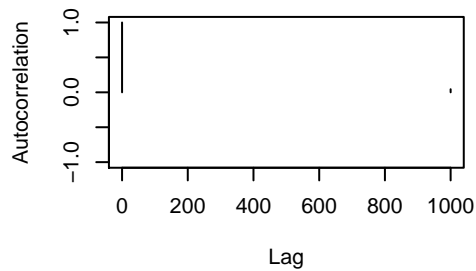
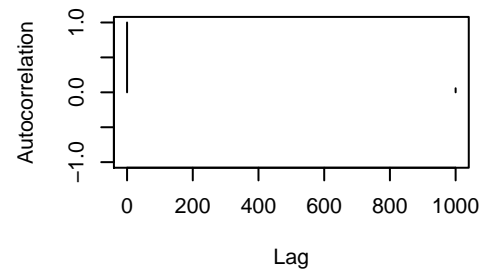
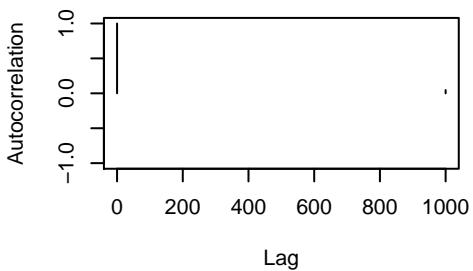
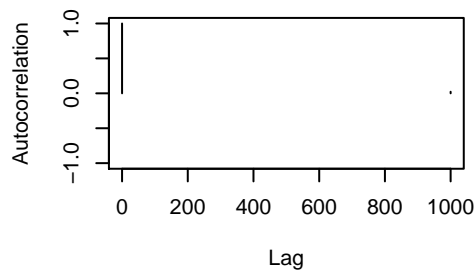
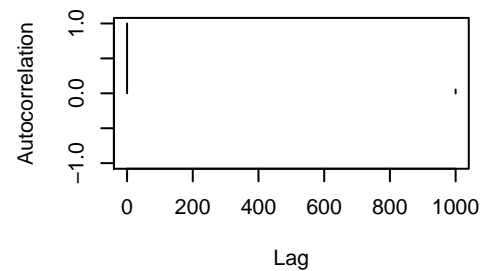
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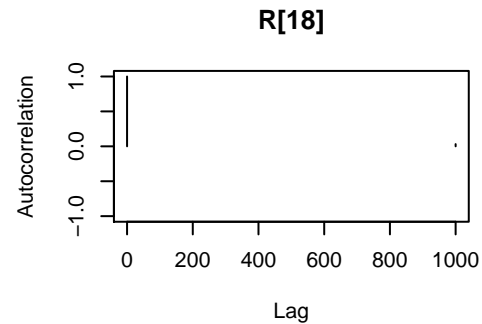
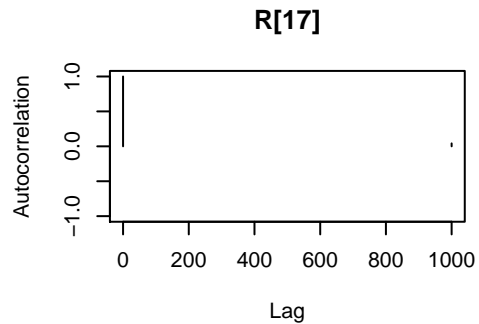
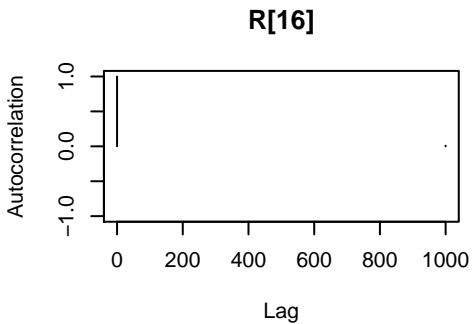
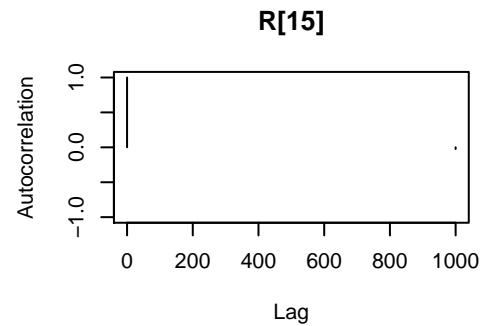
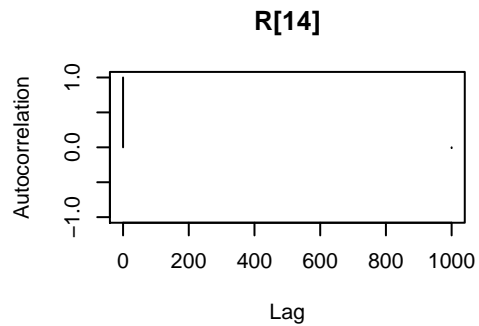
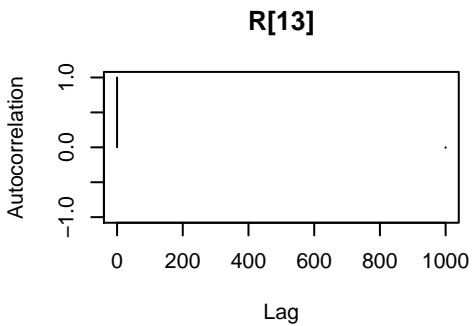
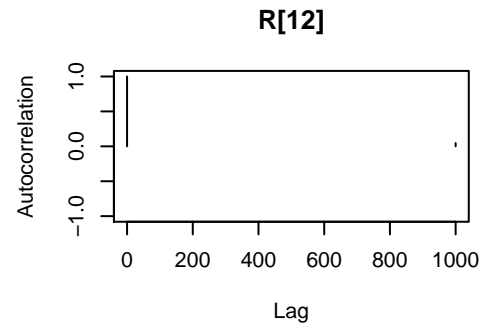
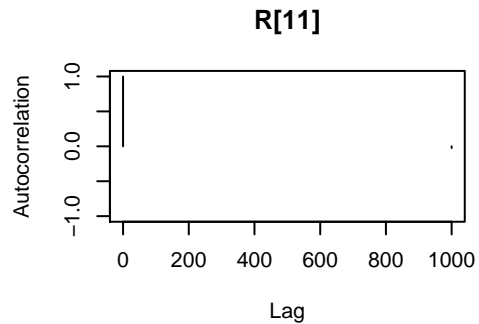
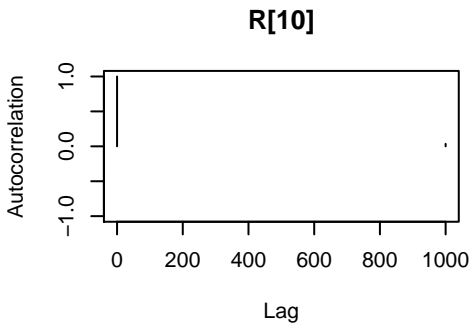


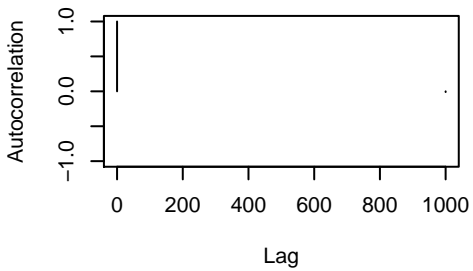
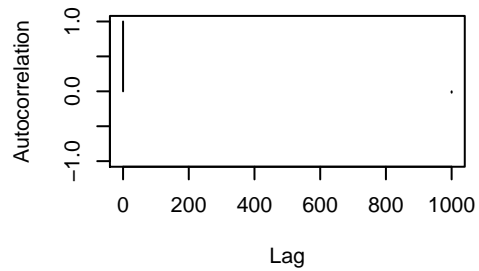
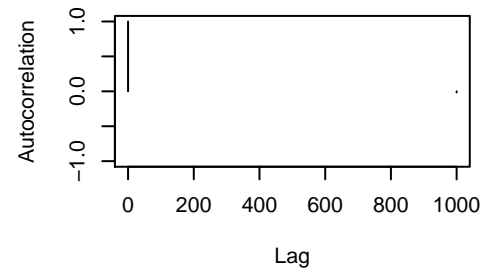
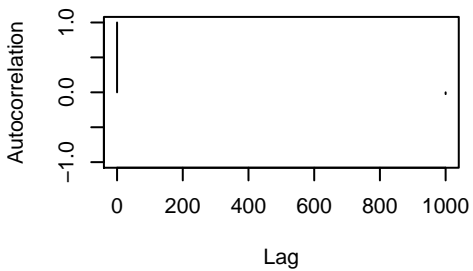
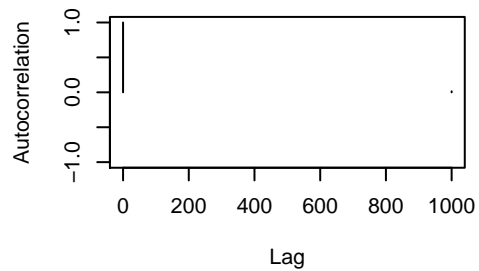
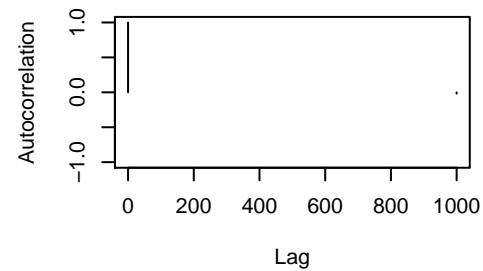
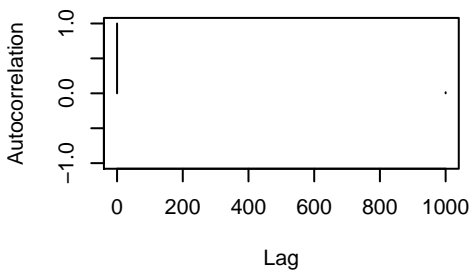
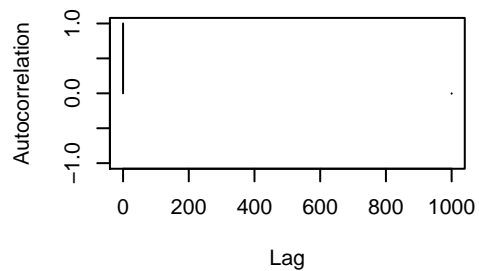
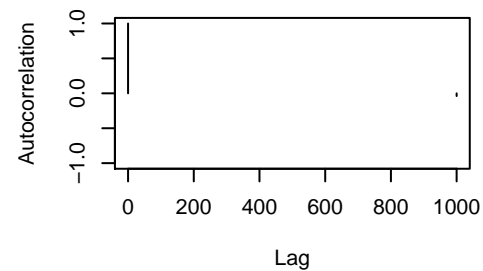
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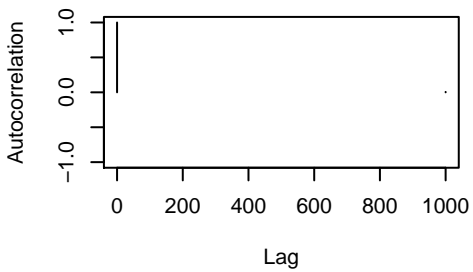
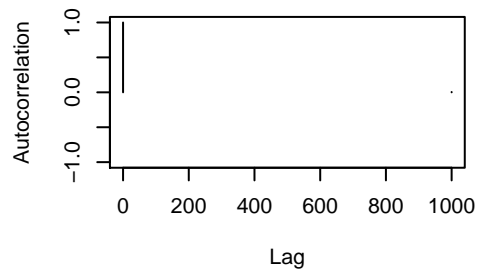
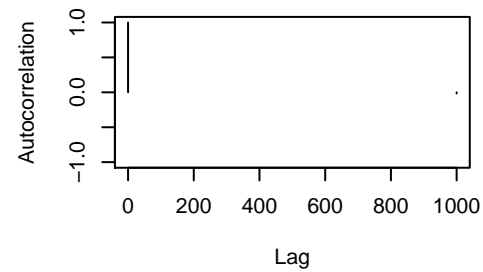
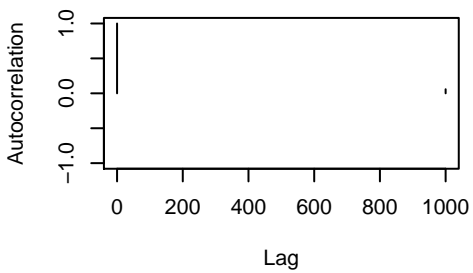
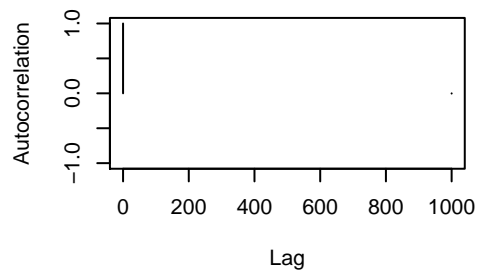
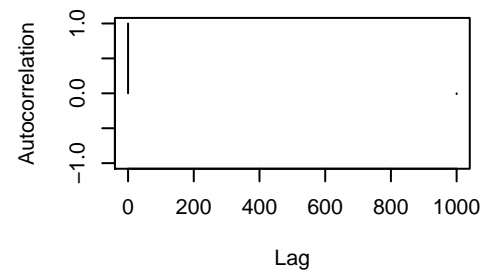
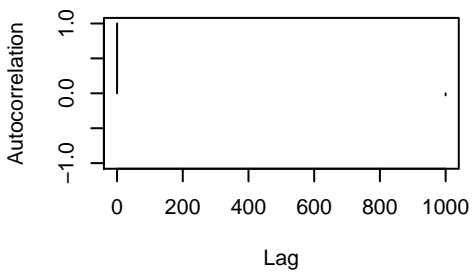
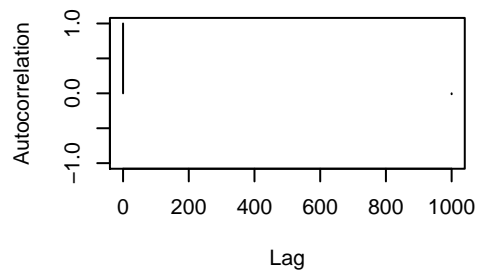
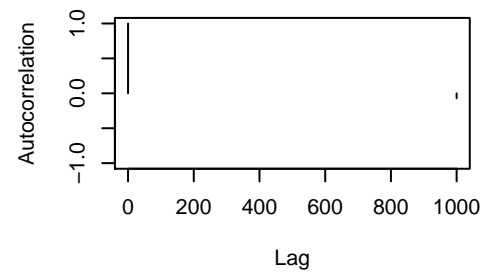


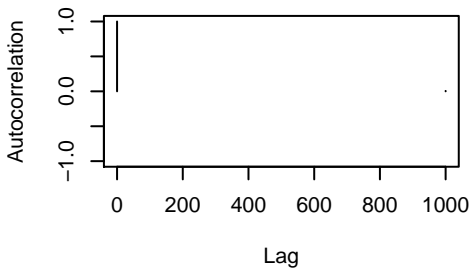
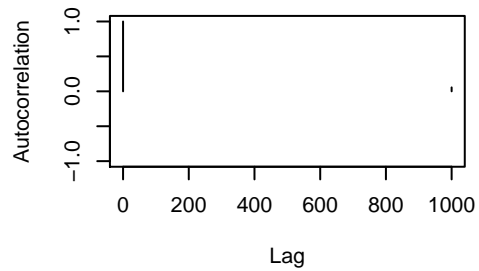
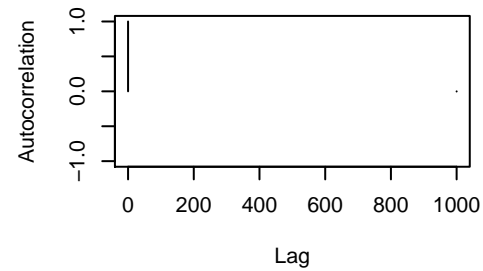
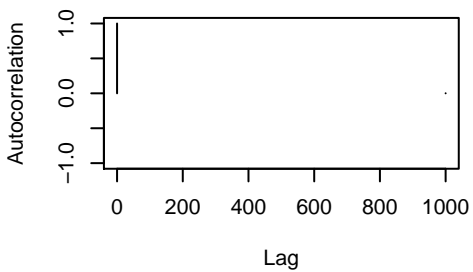
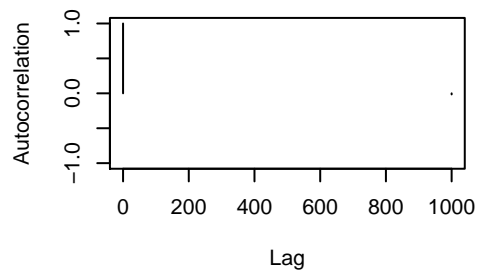
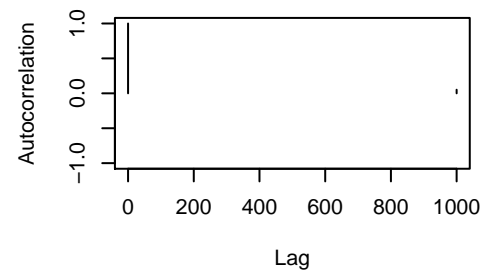
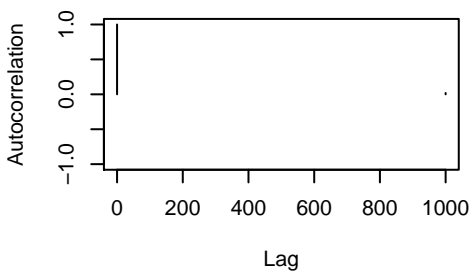
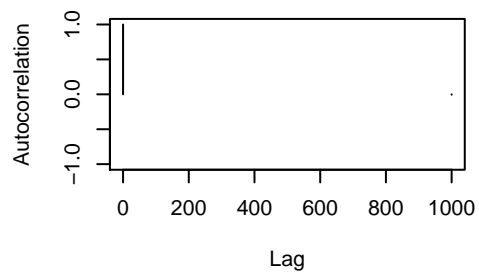
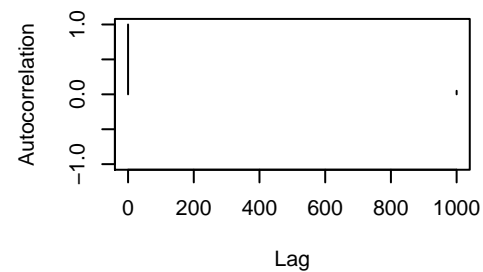
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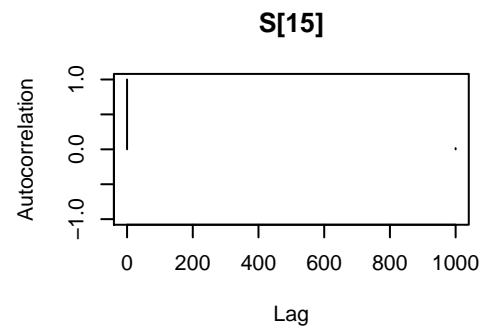
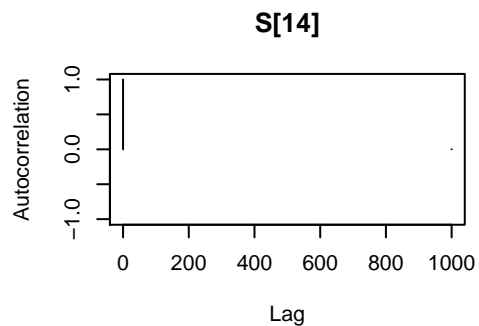
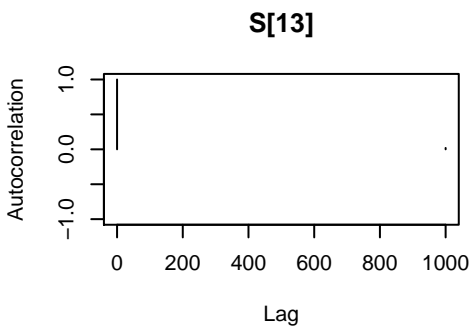
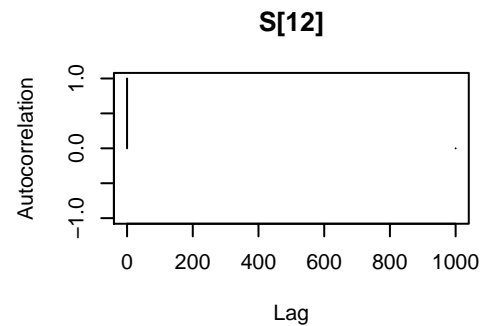
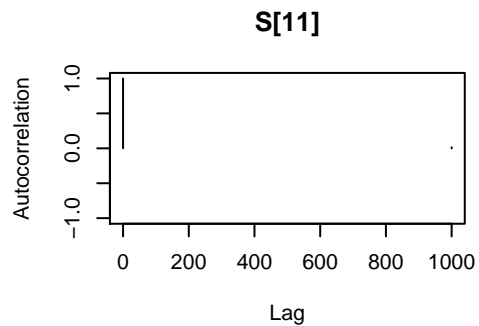
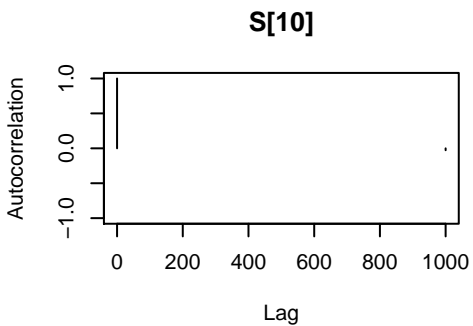
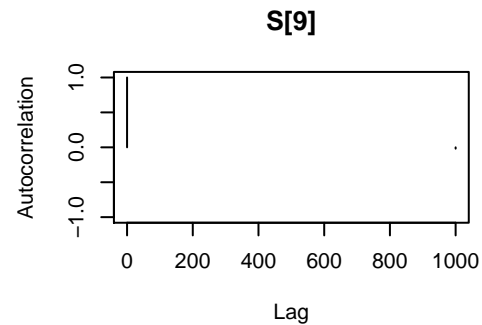
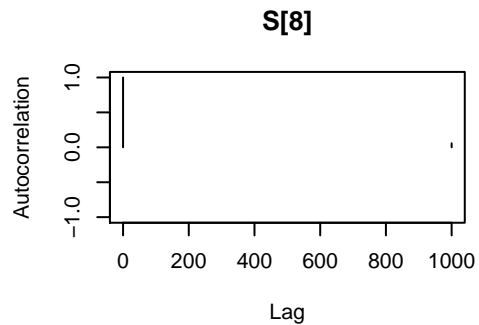
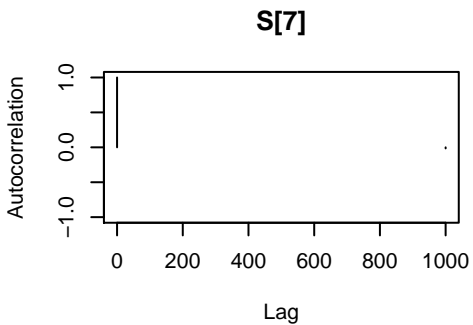
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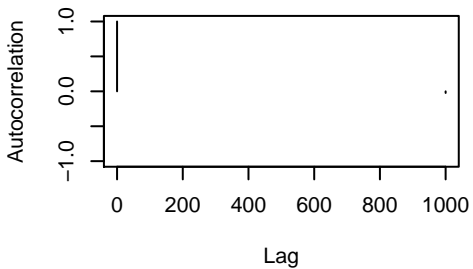
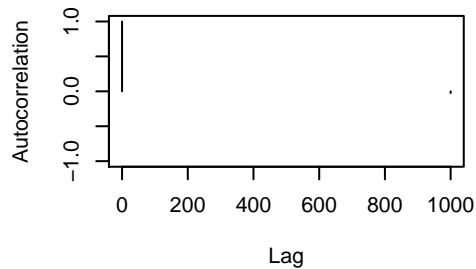
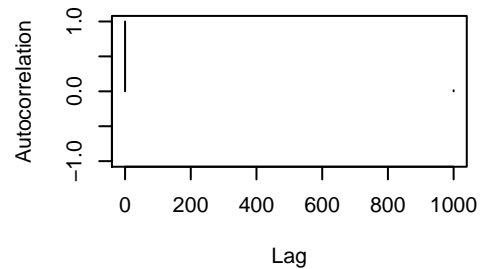
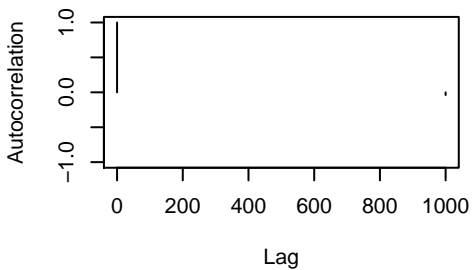
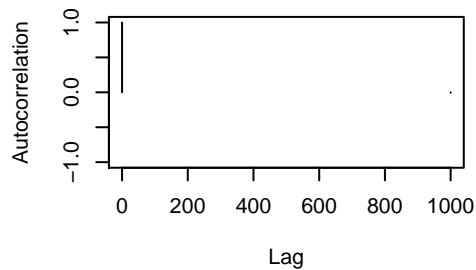
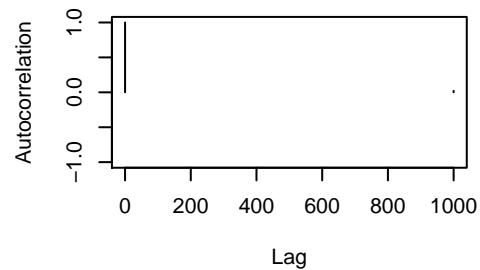
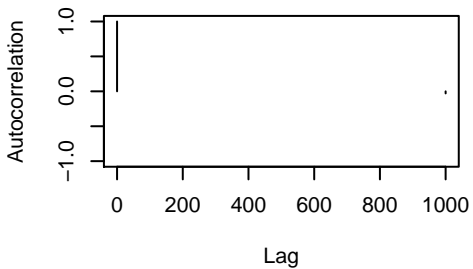
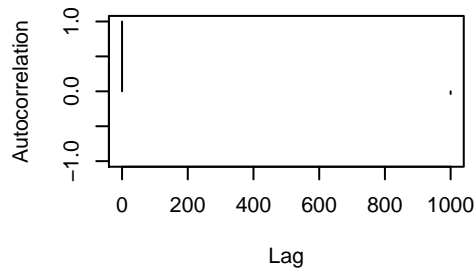
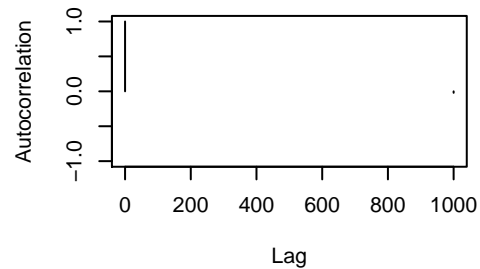


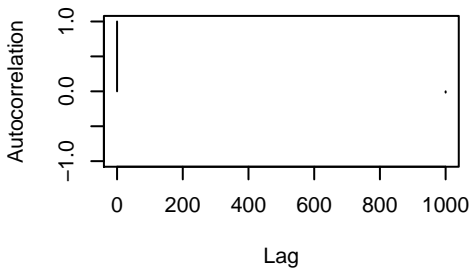
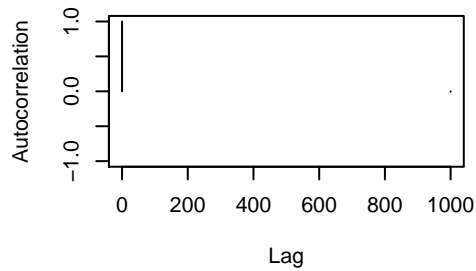
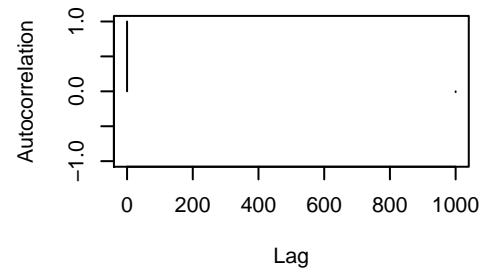
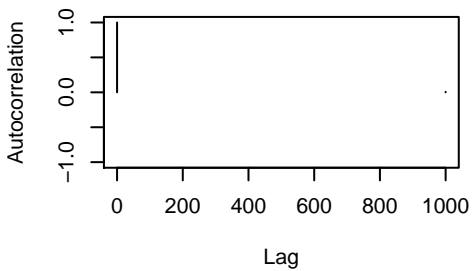
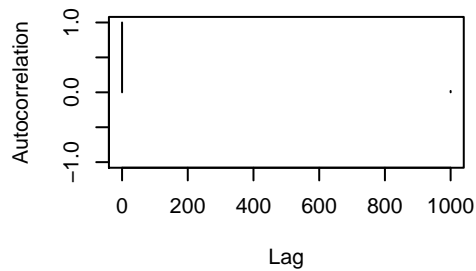
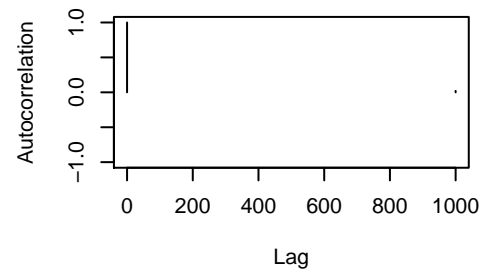
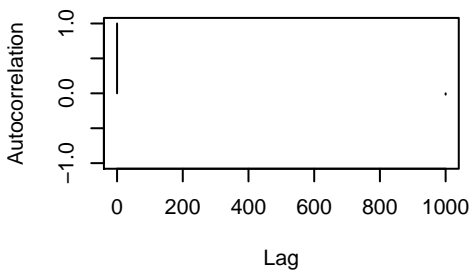
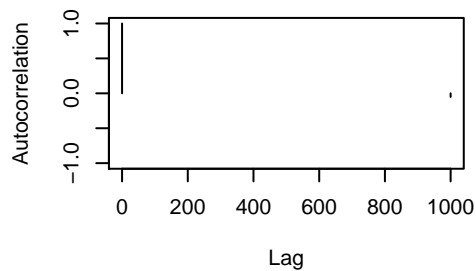
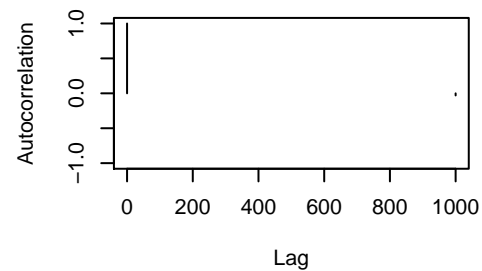
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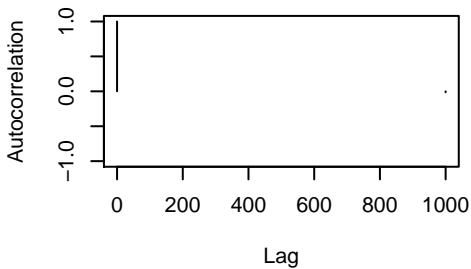
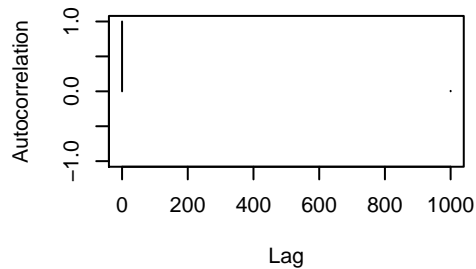
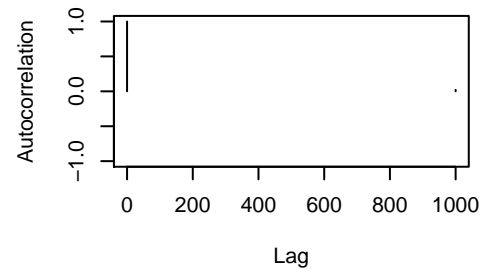
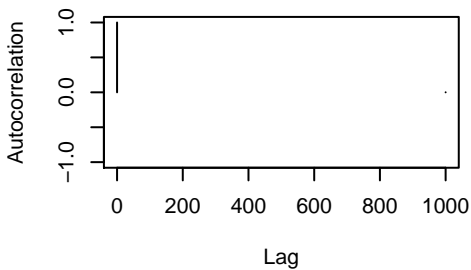
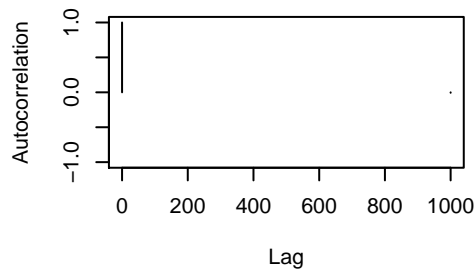
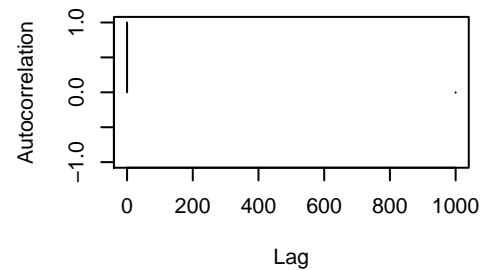
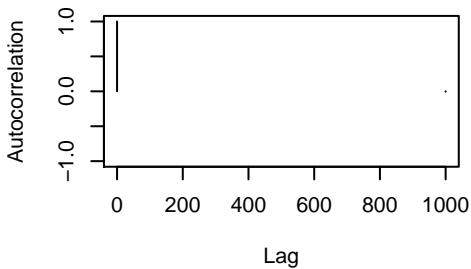
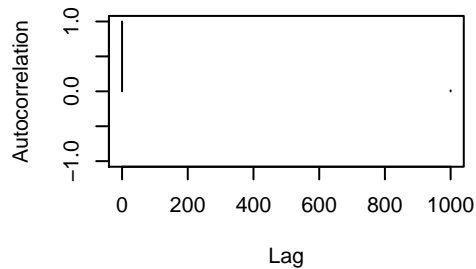
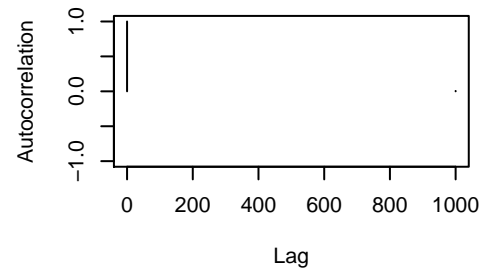
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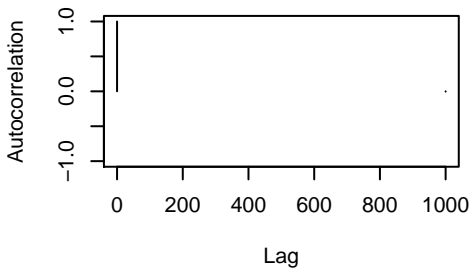
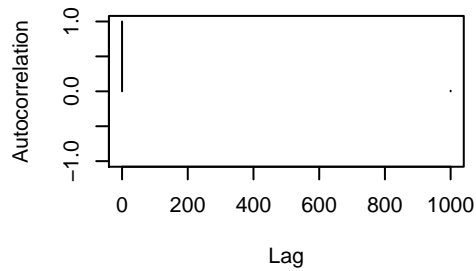
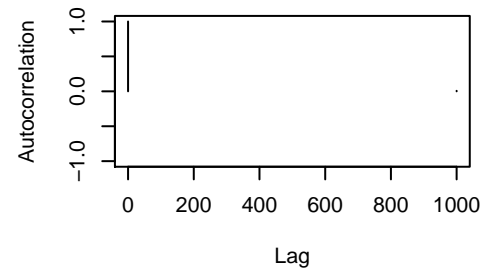
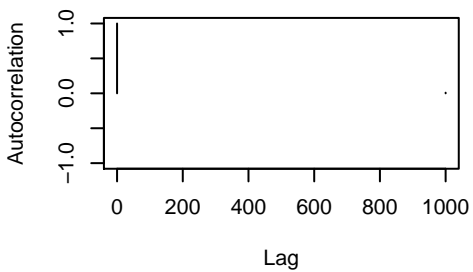
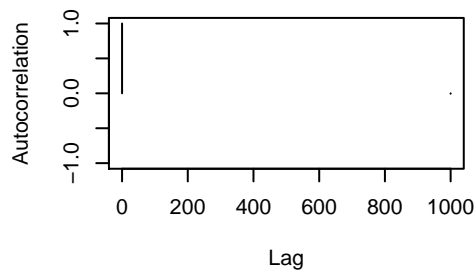
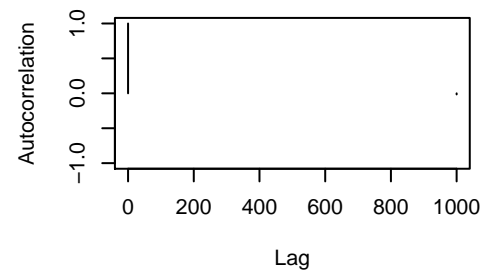
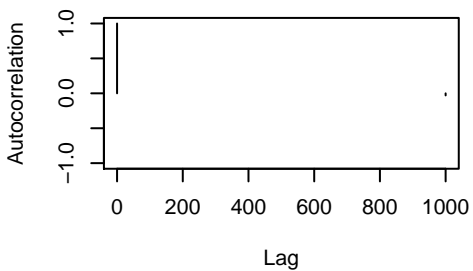
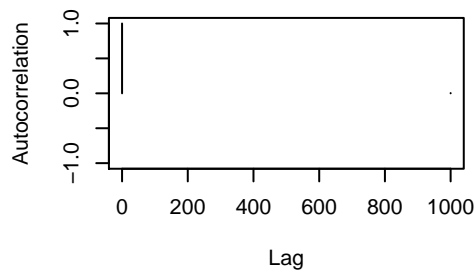
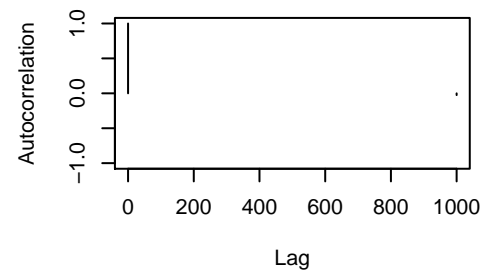
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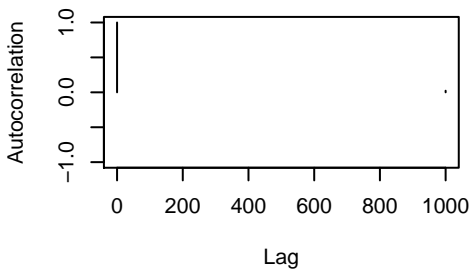
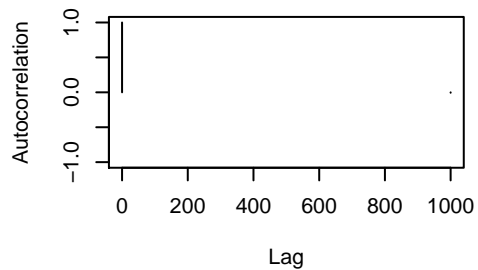
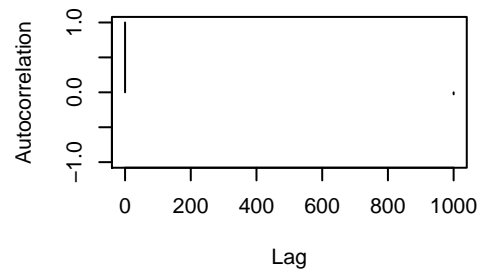
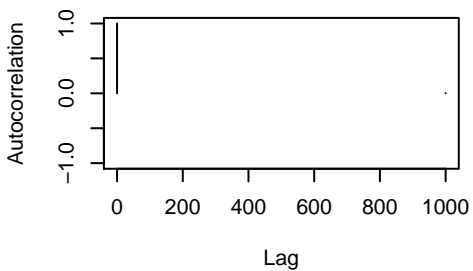
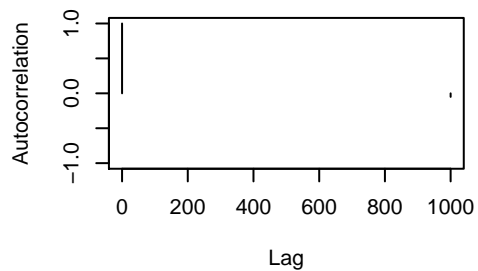
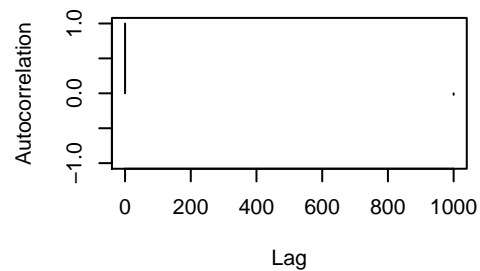
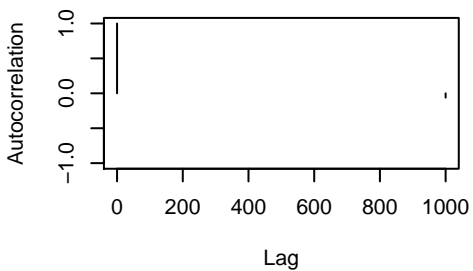
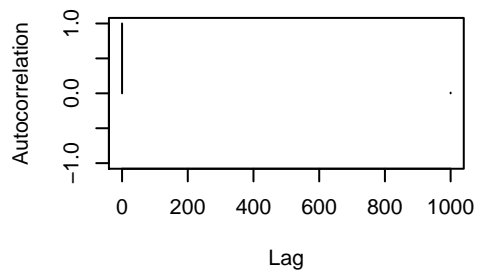
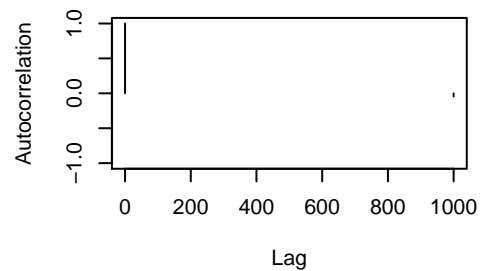


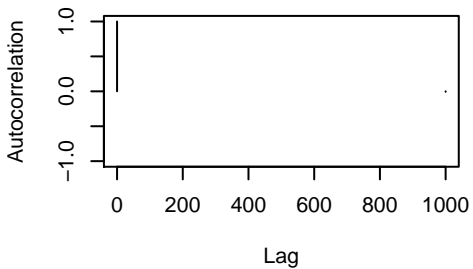
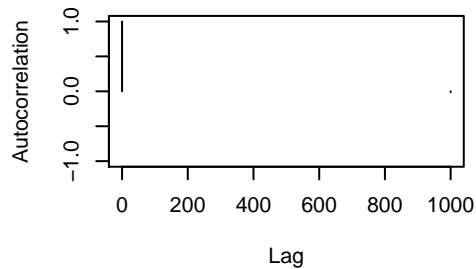
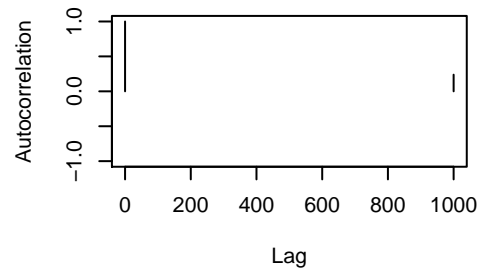
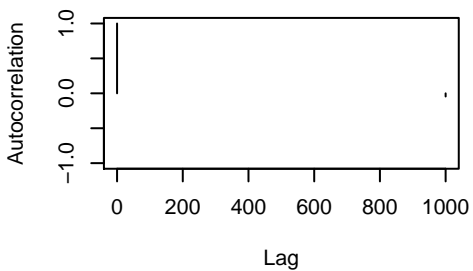
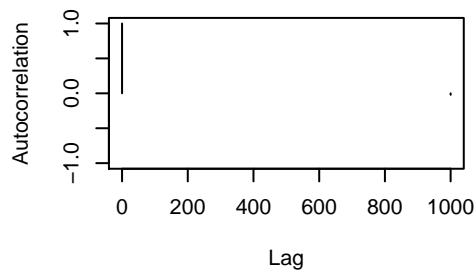
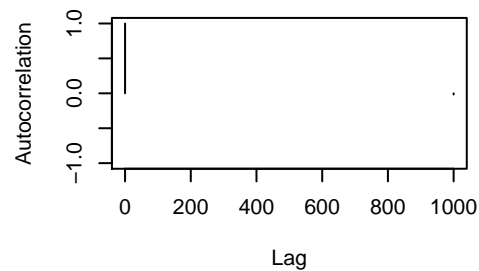
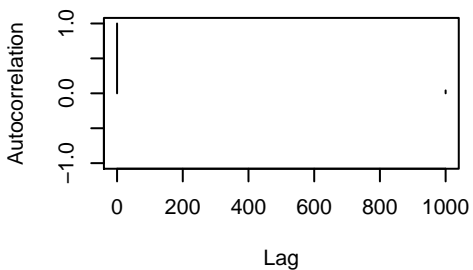
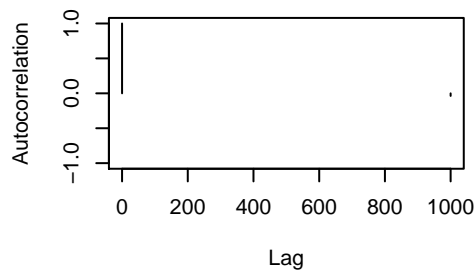
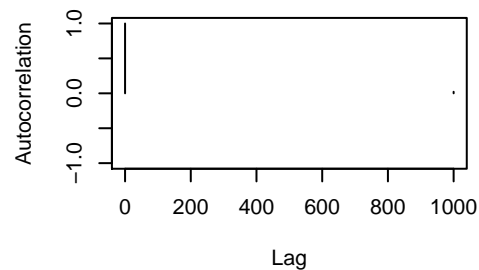
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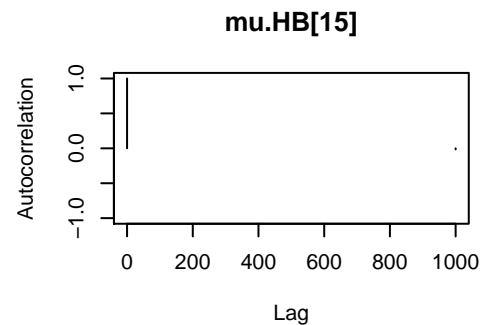
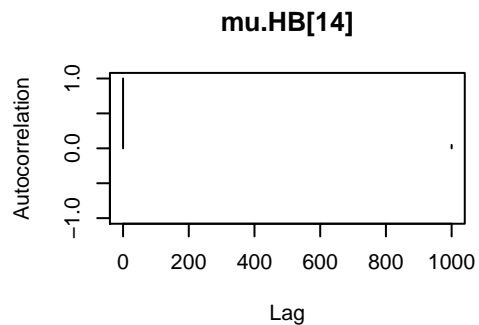
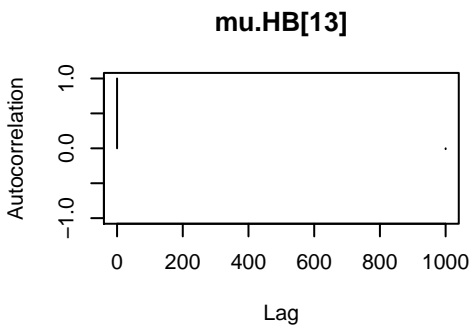
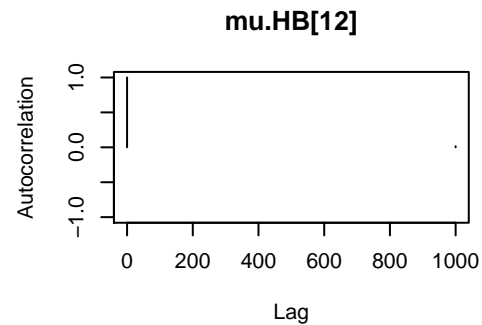
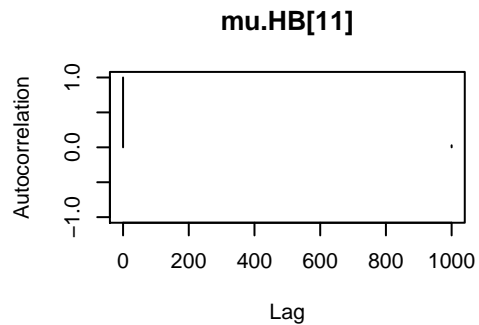
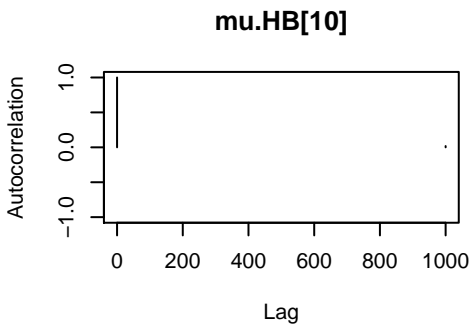
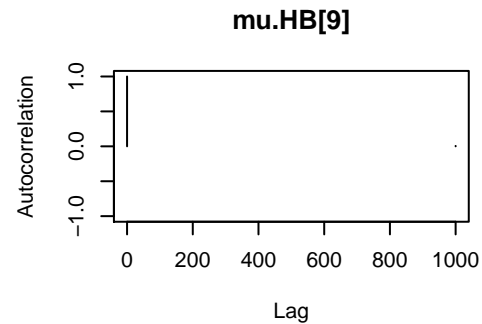
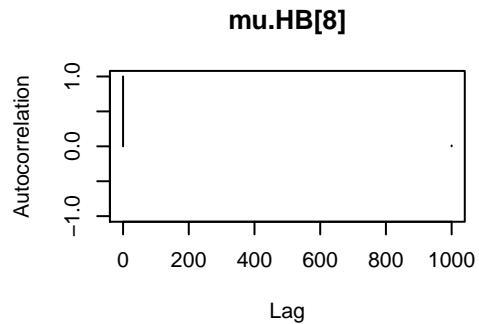
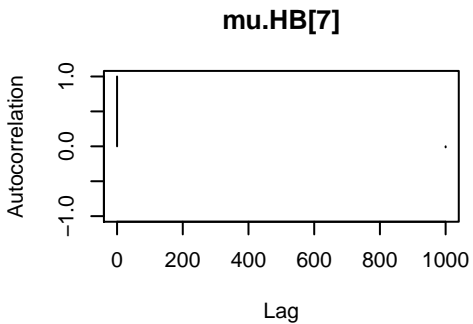
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S[34]**S[35]****S[36]****S[37]****S.eq.c****S.max****S.msy.c****U.msy.c****alpha**

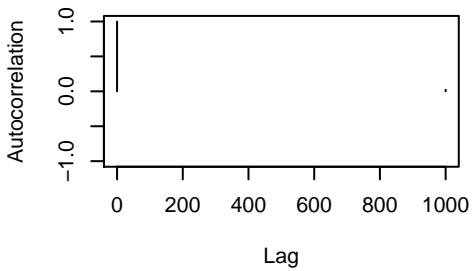
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log.resid[21]**log.resid[22]****log.resid[23]****log.resid[24]****log.resid[25]****log.resid[26]****log.resid[27]****log.resid[28]****log.resid[29]**

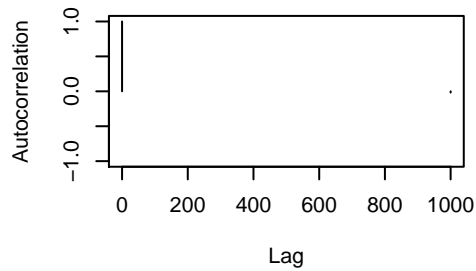
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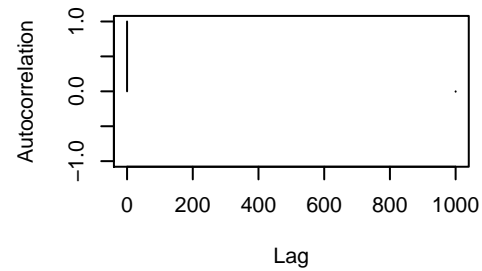
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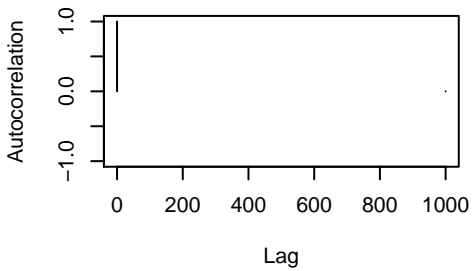
mu.HB[17]



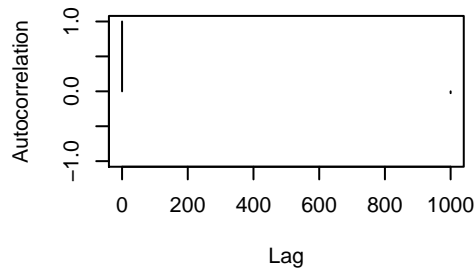
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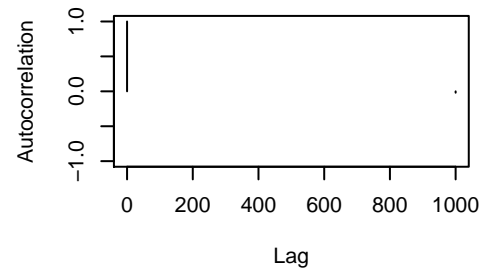
mu.HB[19]



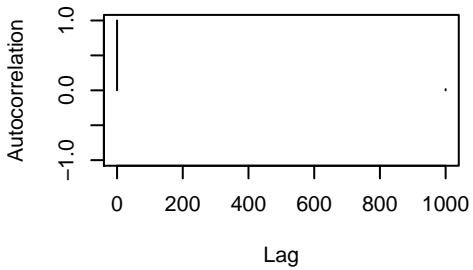
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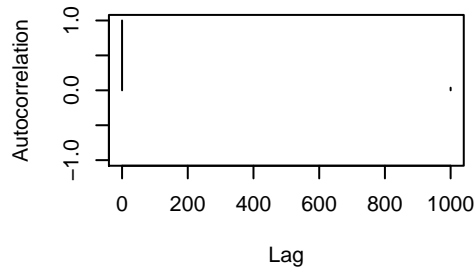
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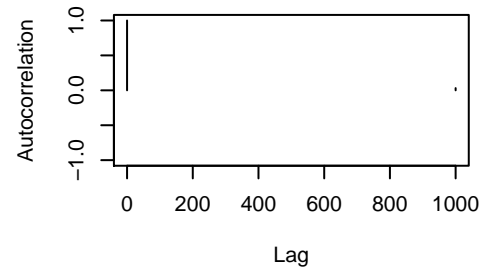
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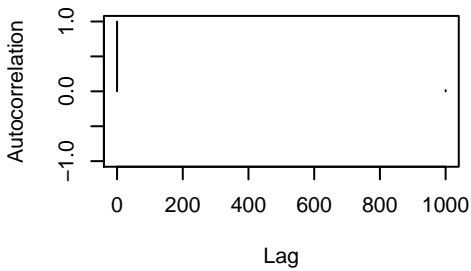
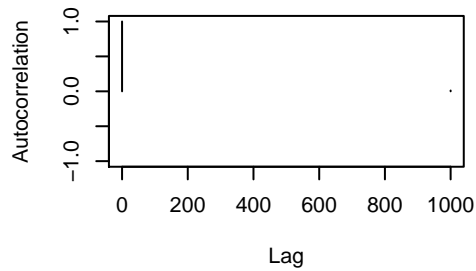
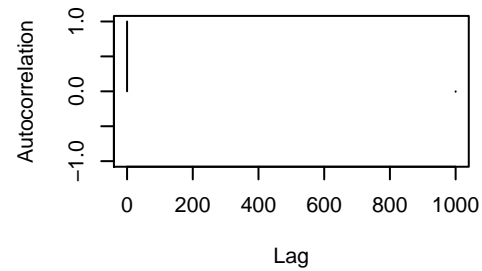
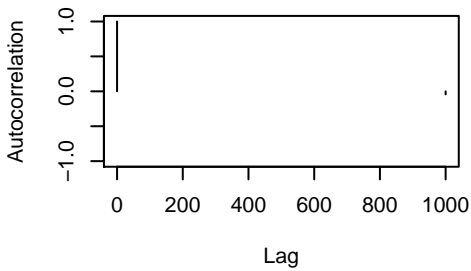
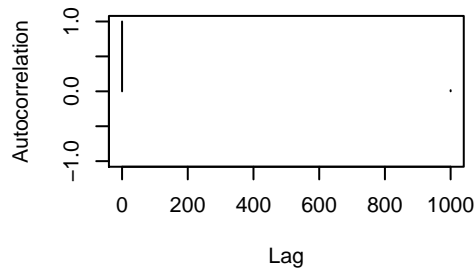
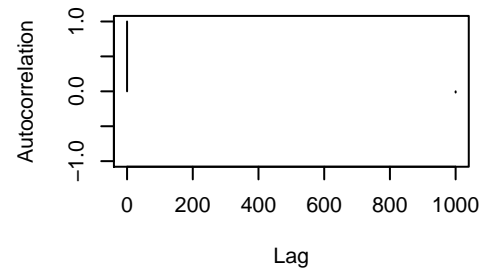
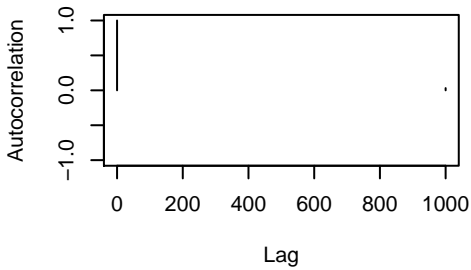
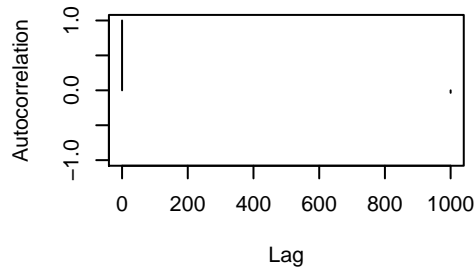
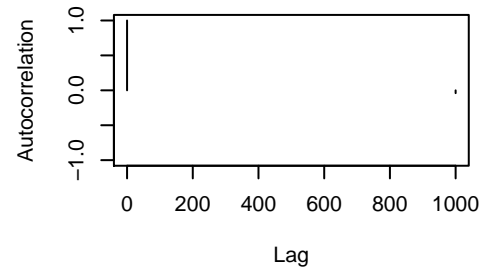


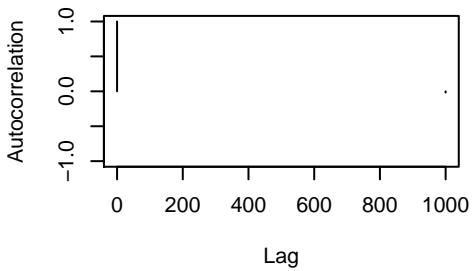
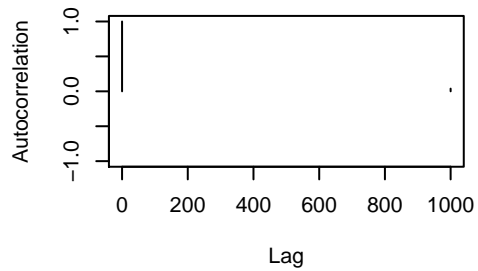
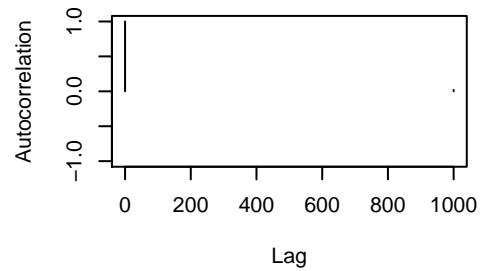
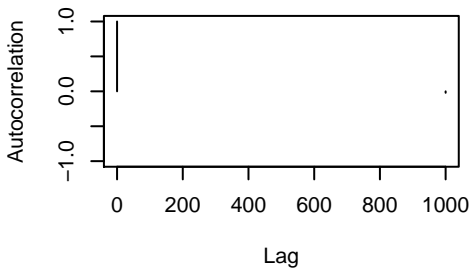
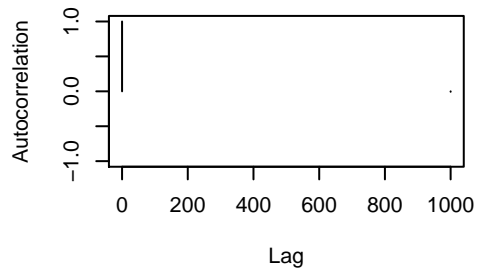
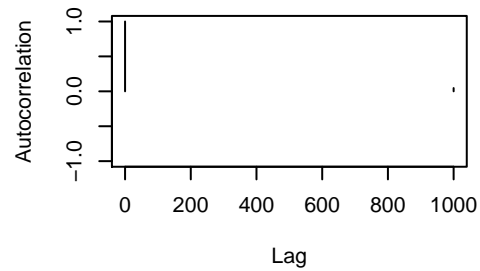
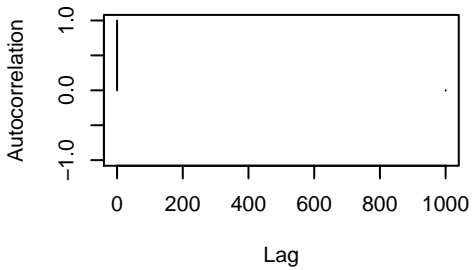
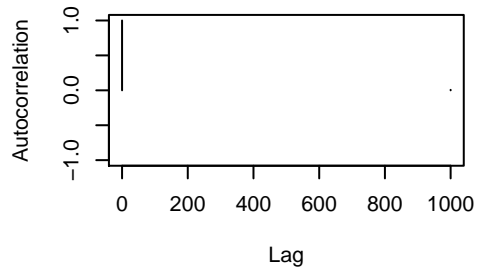
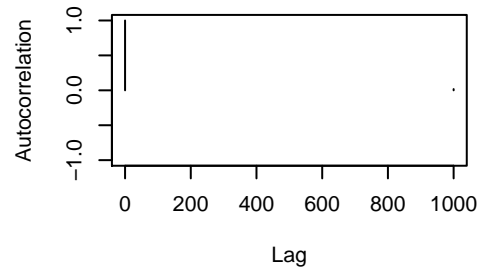
mu.HB[23]

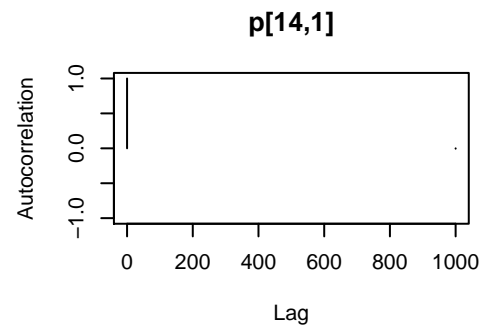
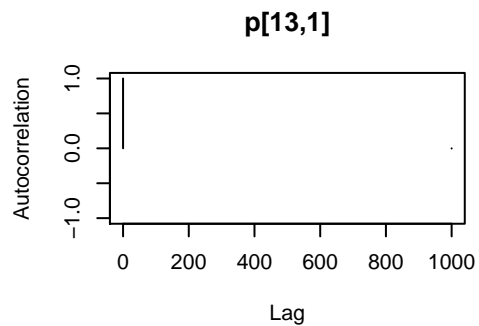
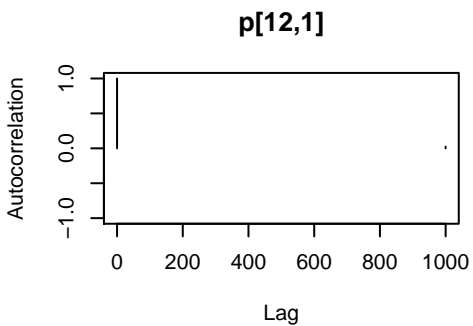
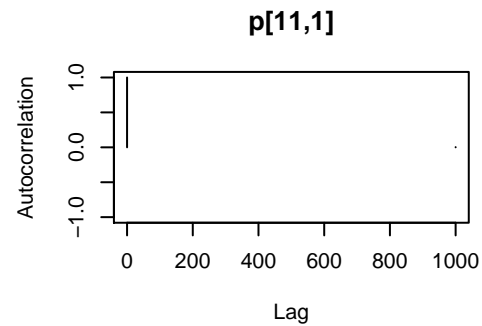
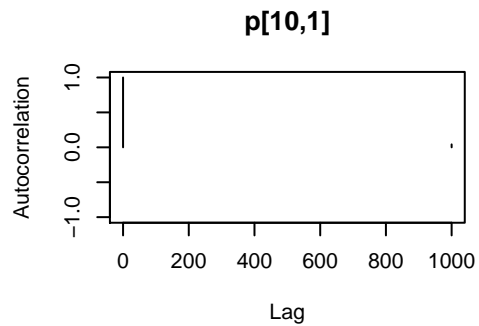
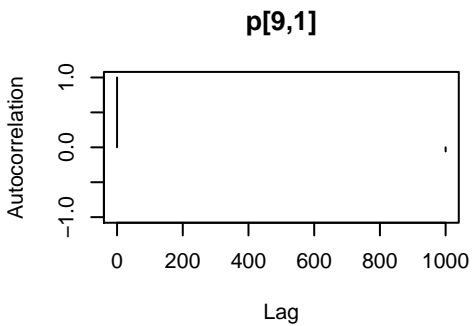
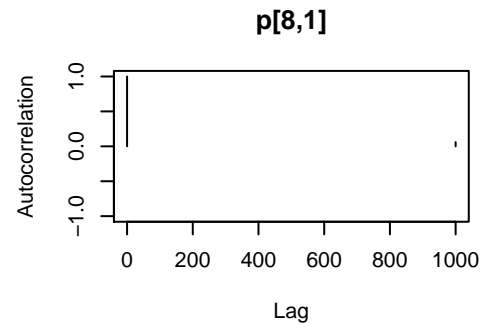
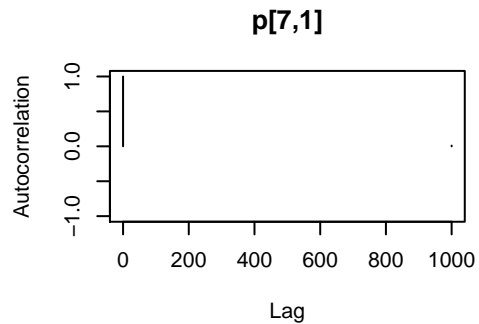
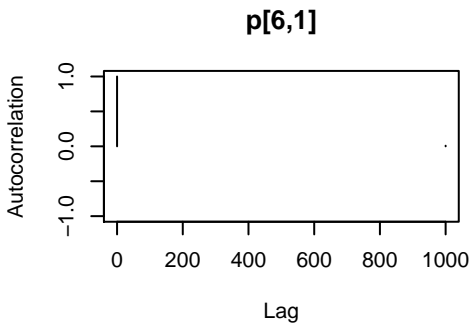


mu.HB[24]

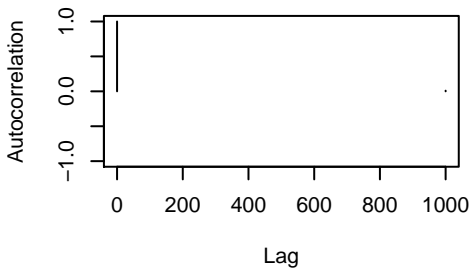


mu.HB[25]**mu.HB[26]****mu.HB[27]****mu.HB[28]****mu.HB[29]****mu.HB[30]****mu.HB[31]****mu.HB[32]****mu.HB[33]**

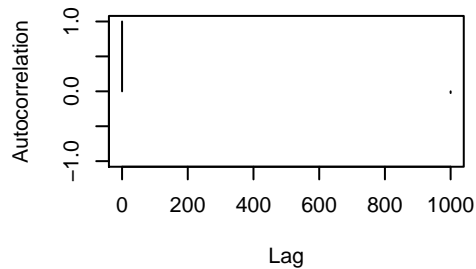
mu.HB[34]**mu.HB[35]****mu.HB[36]****mu.HB[37]****p[1,1]****p[2,1]****p[3,1]****p[4,1]****p[5,1]**



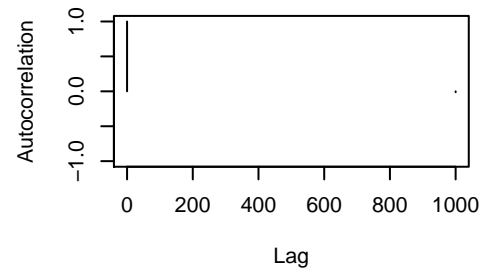
p[15,1]



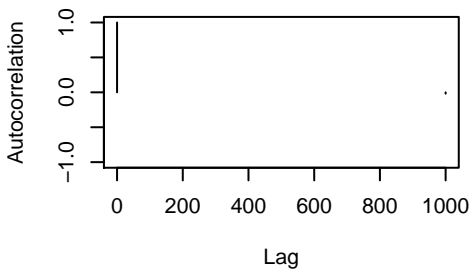
p[16,1]



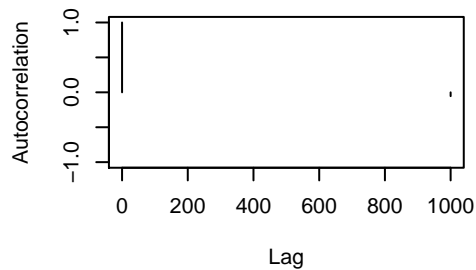
p[17,1]



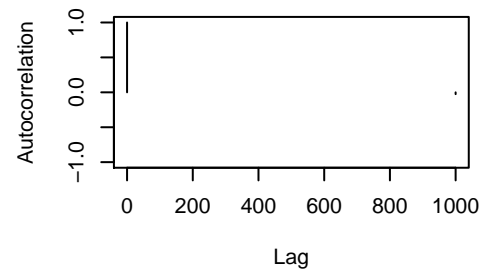
p[18,1]



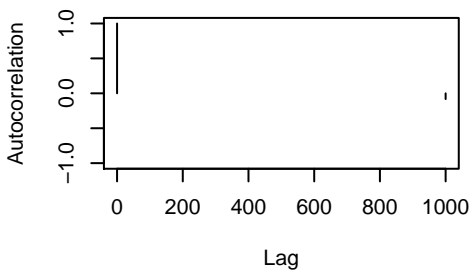
p[19,1]



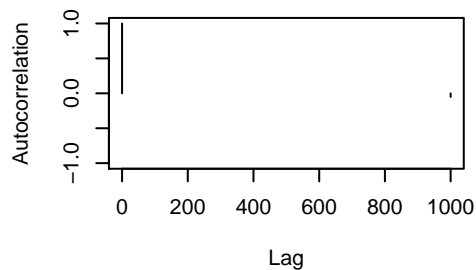
p[20,1]



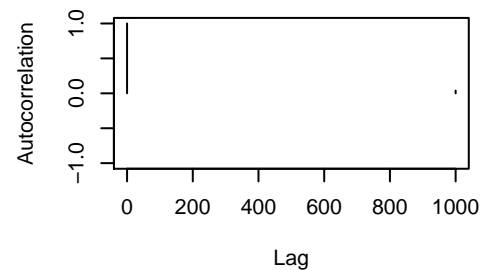
p[21,1]



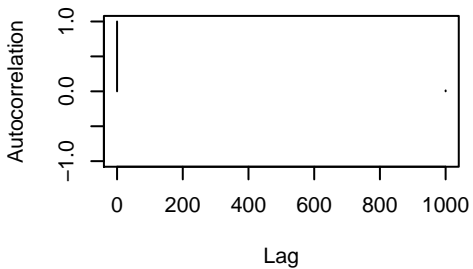
p[22,1]



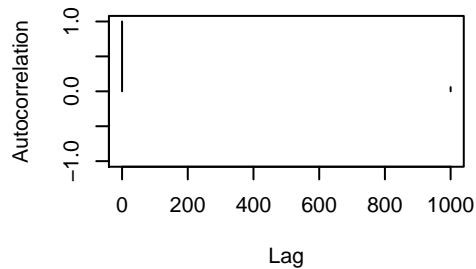
p[23,1]



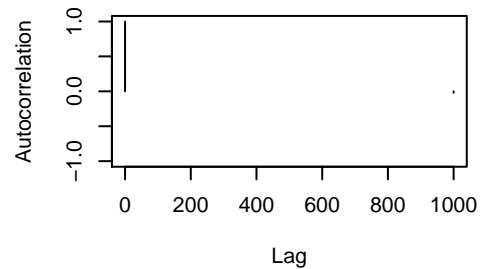
p[24,1]



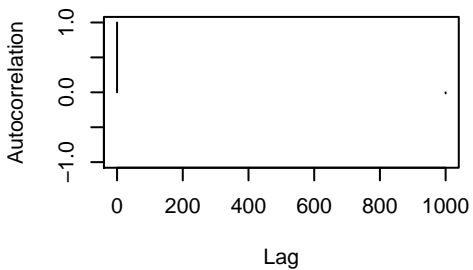
p[25,1]



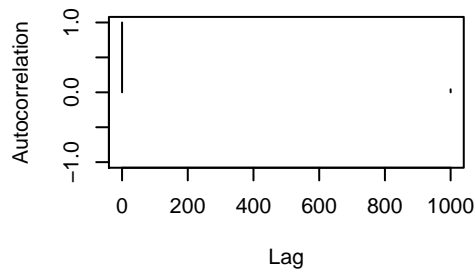
p[26,1]



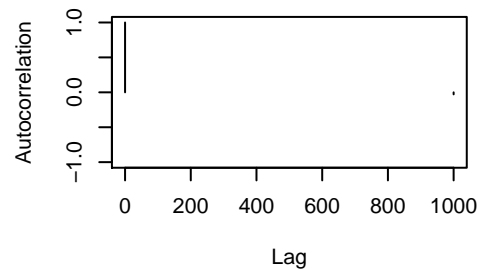
p[27,1]



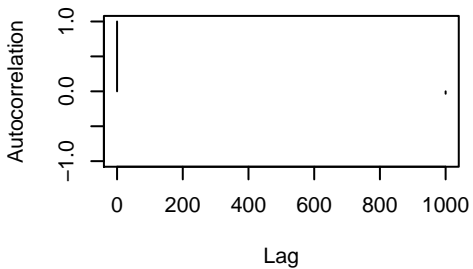
p[28,1]



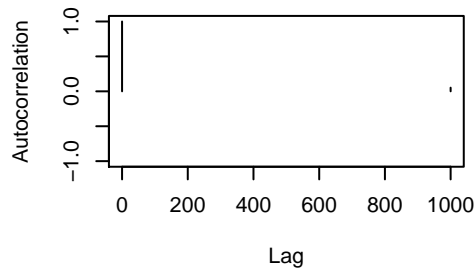
p[29,1]



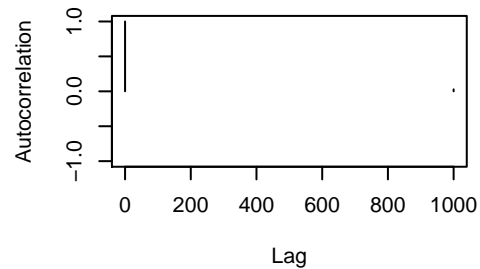
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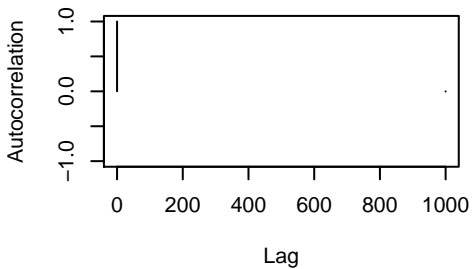
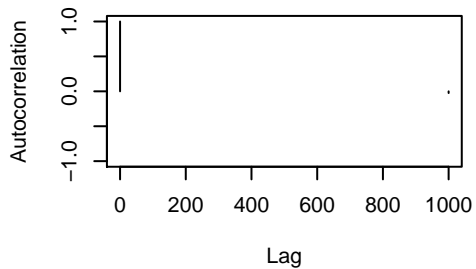
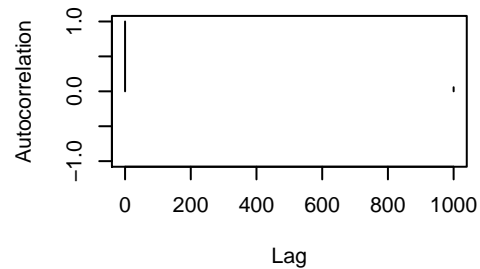
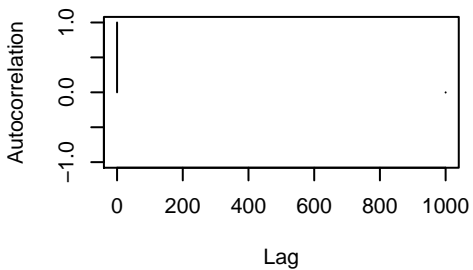
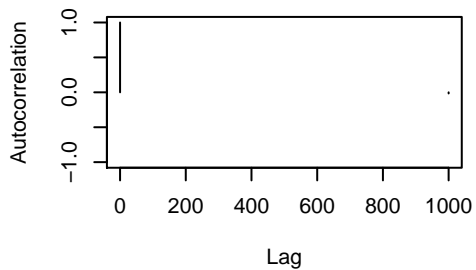
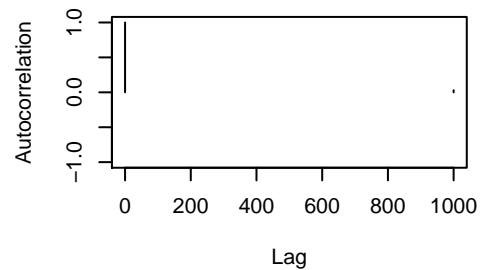
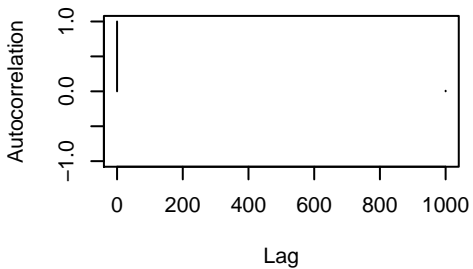
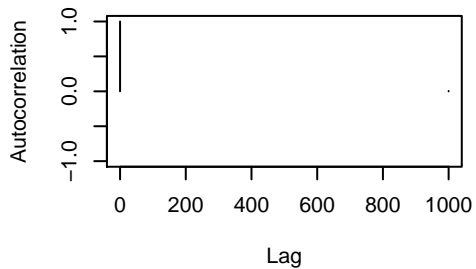
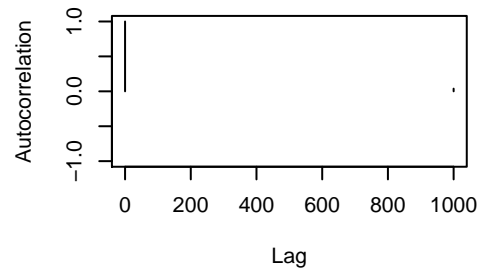


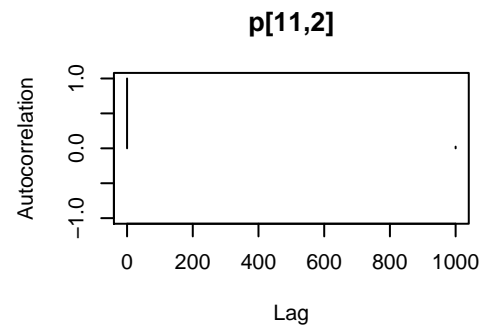
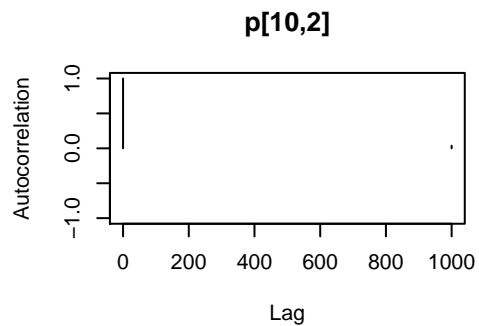
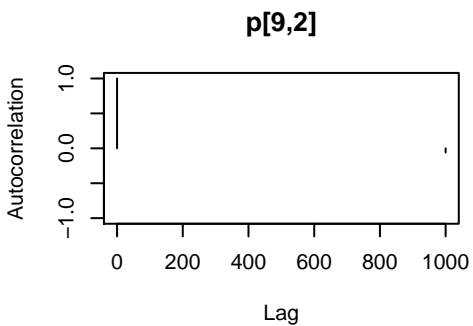
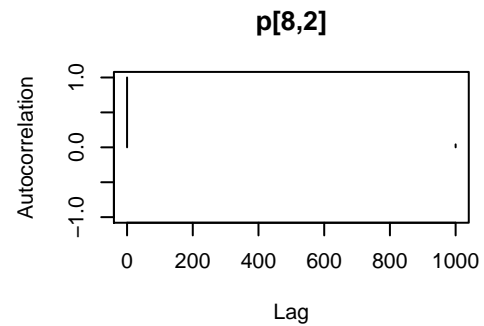
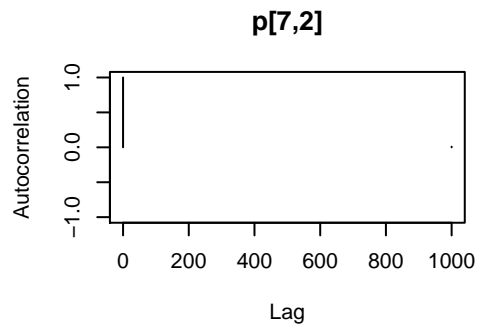
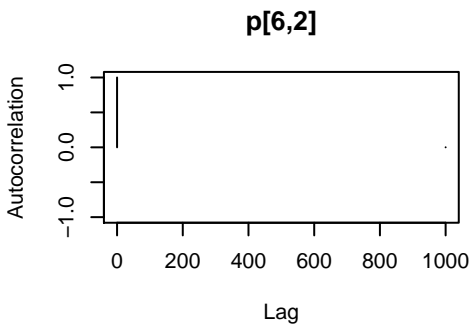
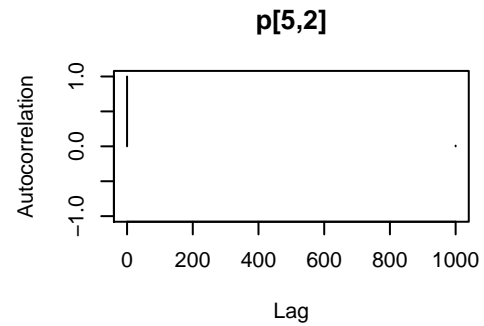
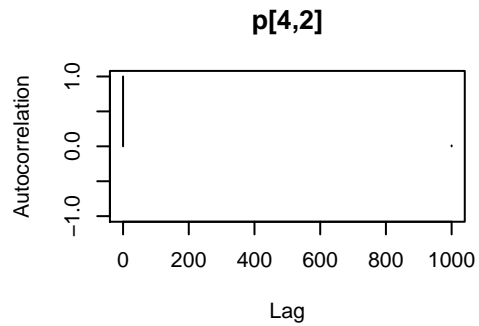
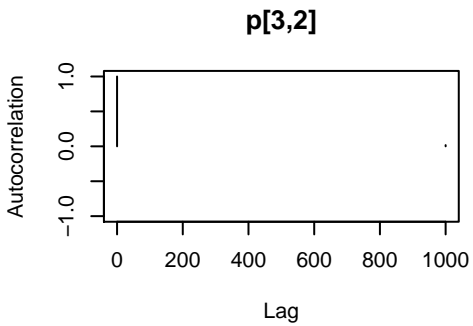
p[31,1]



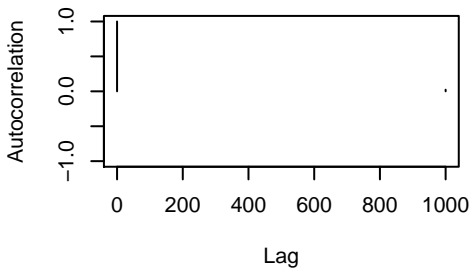
p[32,1]



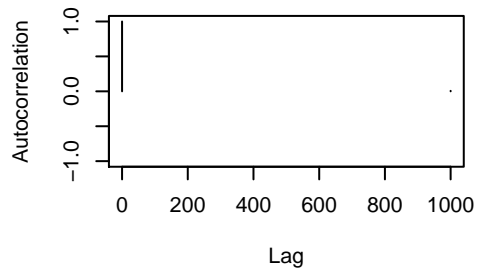
p[33,1]**p[34,1]****p[35,1]****p[36,1]****p[37,1]****p[38,1]****p[39,1]****p[1,2]****p[2,2]**



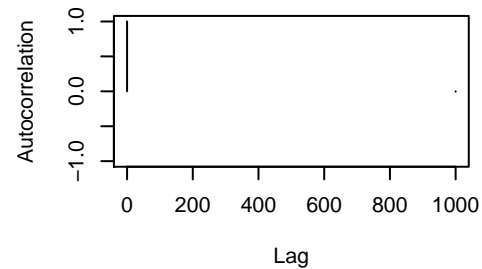
p[12,2]



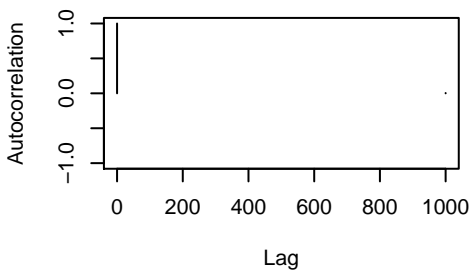
p[13,2]



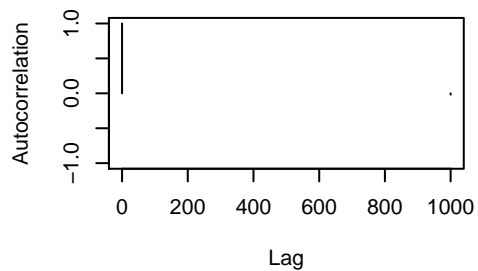
p[14,2]



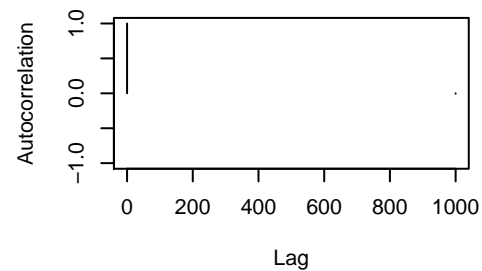
p[15,2]



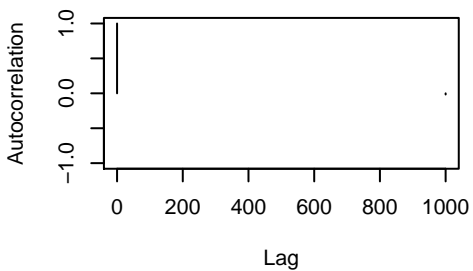
p[16,2]



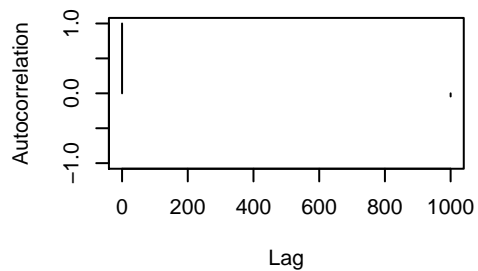
p[17,2]



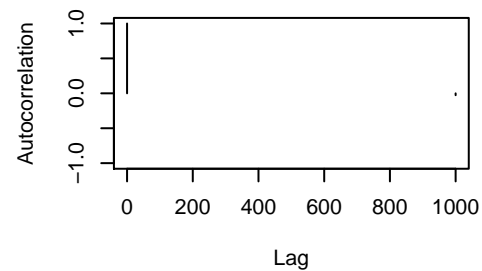
p[18,2]

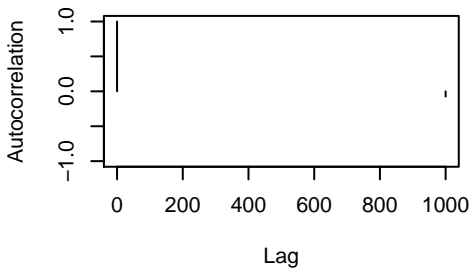
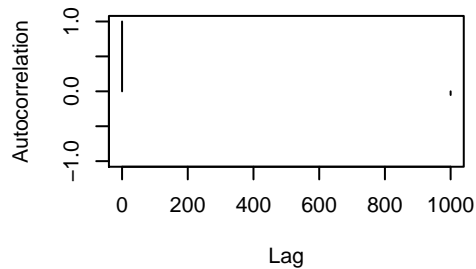
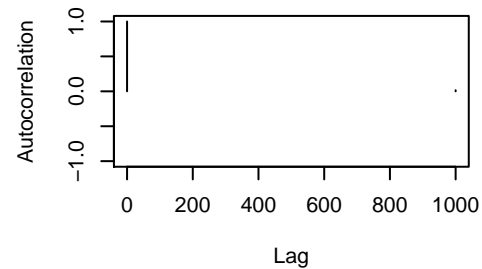
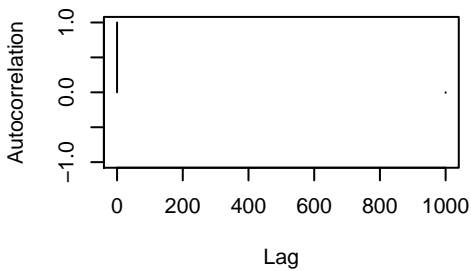
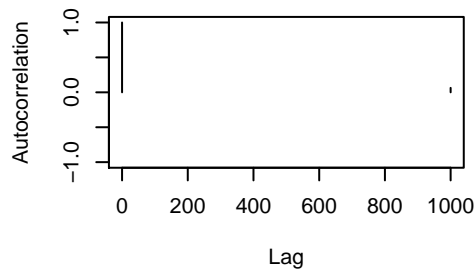
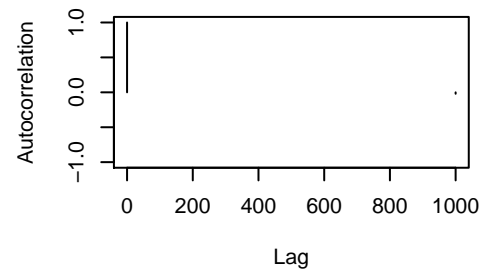
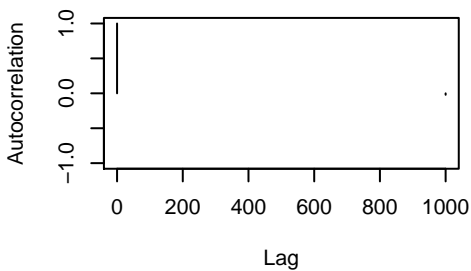
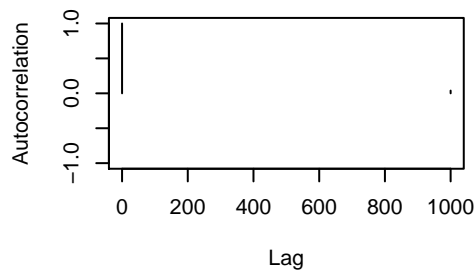
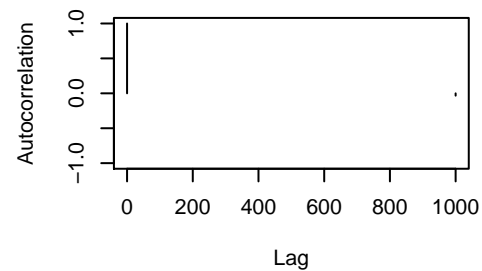


p[19,2]

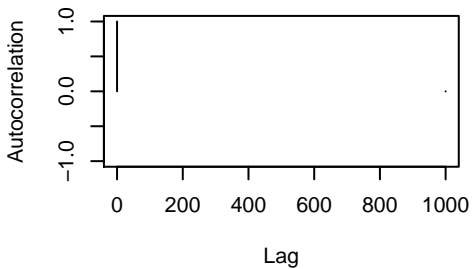


p[20,2]

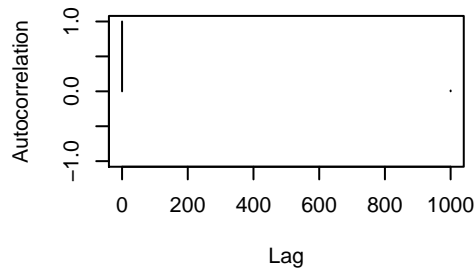


p[21,2]**p[22,2]****p[23,2]****p[24,2]****p[25,2]****p[26,2]****p[27,2]****p[28,2]****p[29,2]**

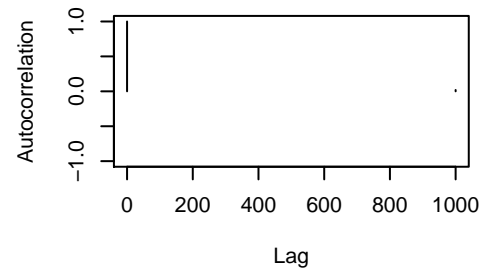
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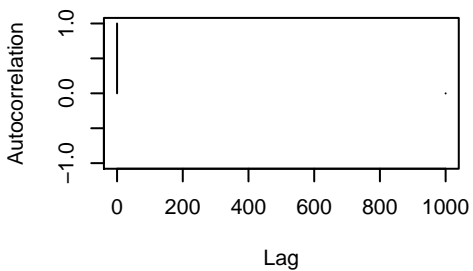
p[31,2]



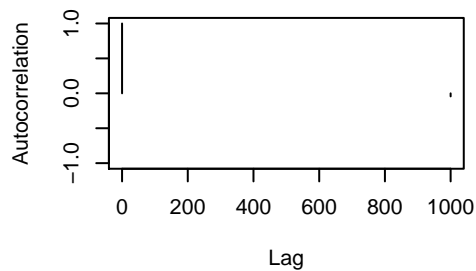
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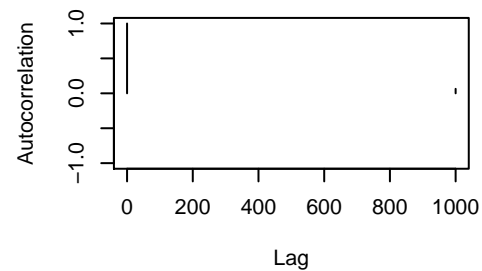
p[33,2]



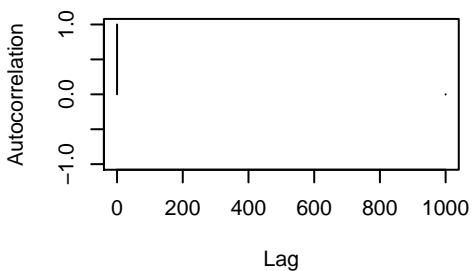
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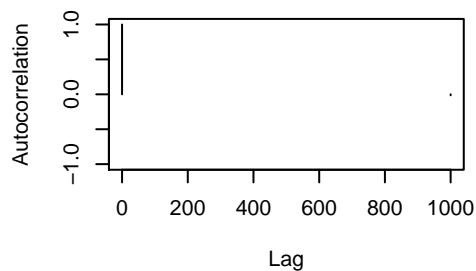
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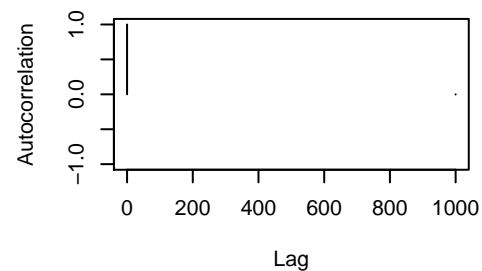
p[36,2]



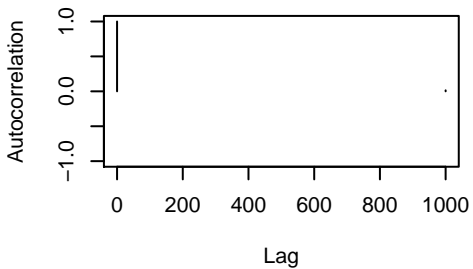
p[37,2]



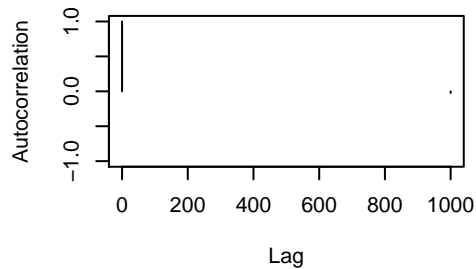
p[38,2]



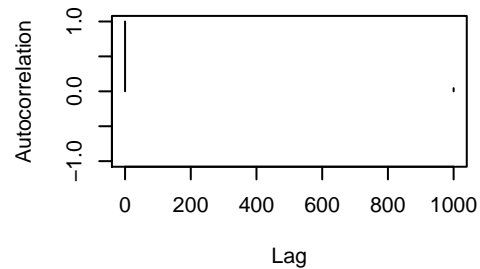
p[39,2]



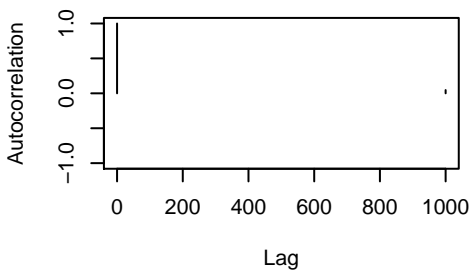
p[1,3]



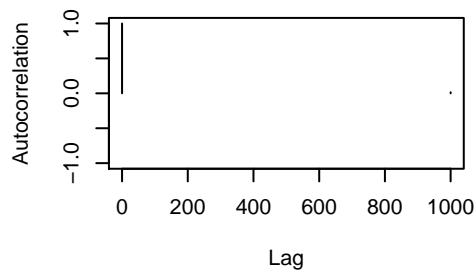
p[2,3]



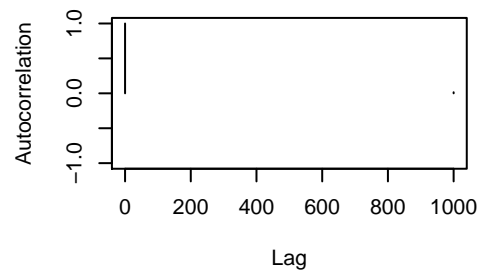
p[3,3]



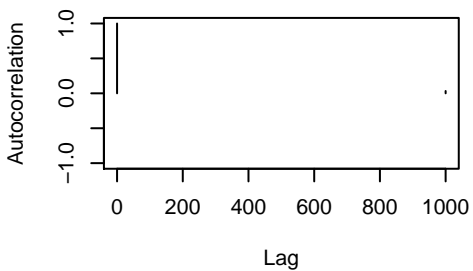
p[4,3]



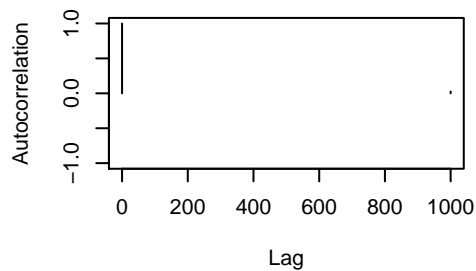
p[5,3]



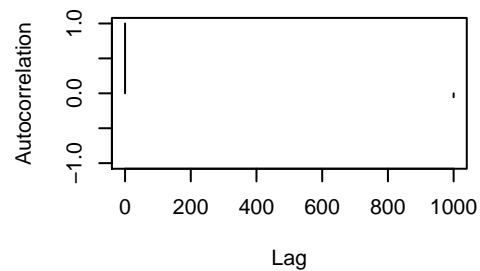
p[6,3]



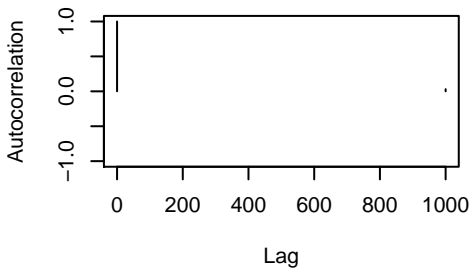
p[7,3]



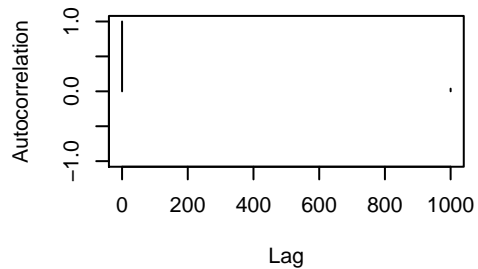
p[8,3]



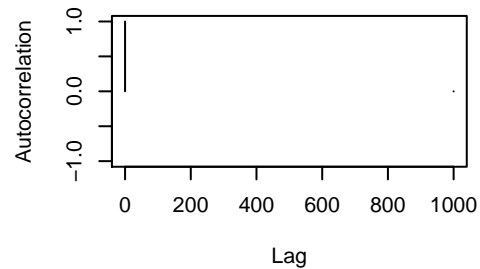
p[27,3]



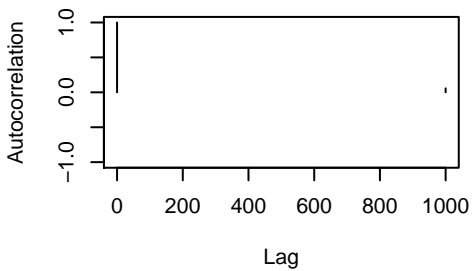
p[28,3]



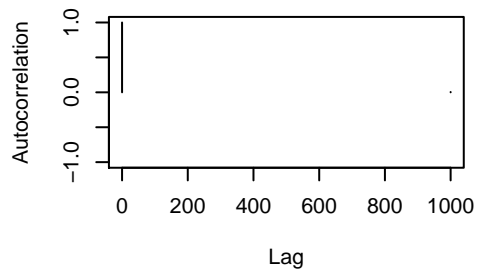
p[29,3]



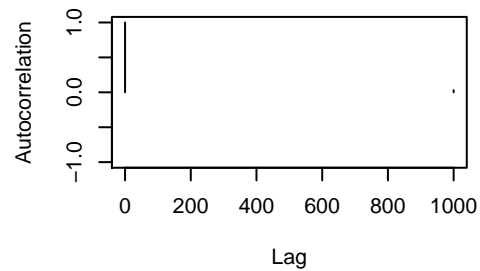
p[30,3]



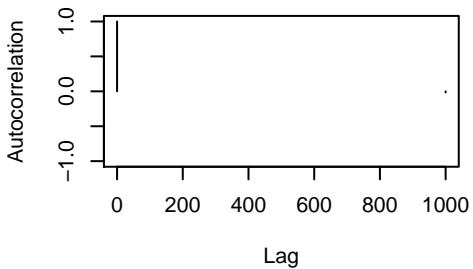
p[31,3]



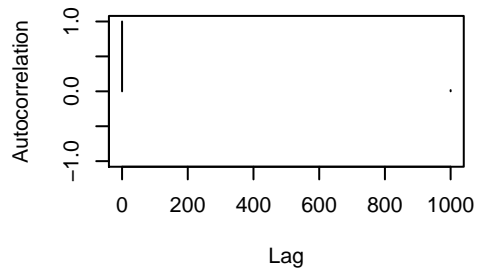
p[32,3]



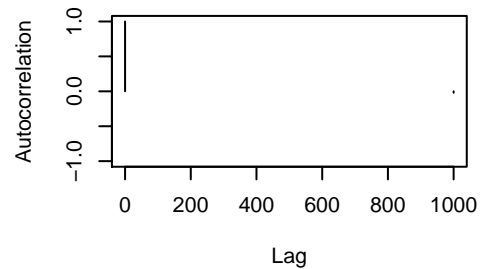
p[33,3]

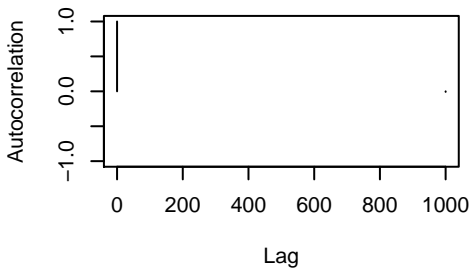
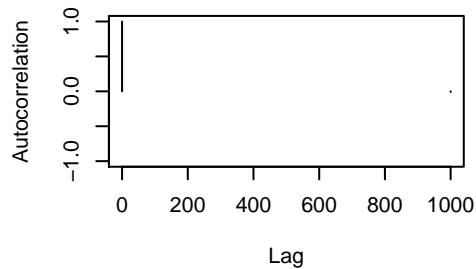
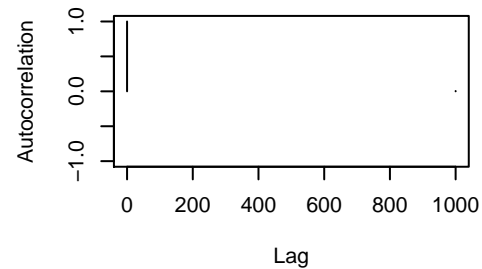
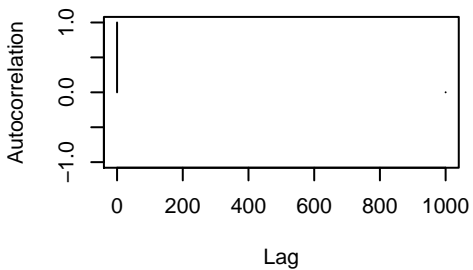
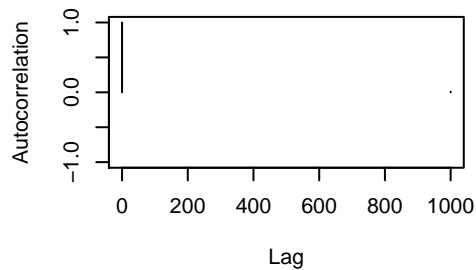
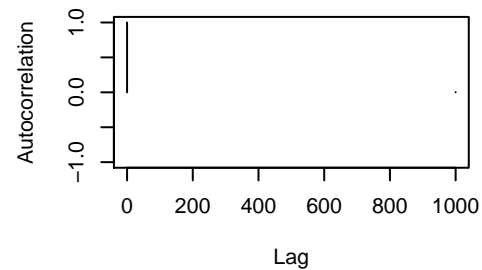
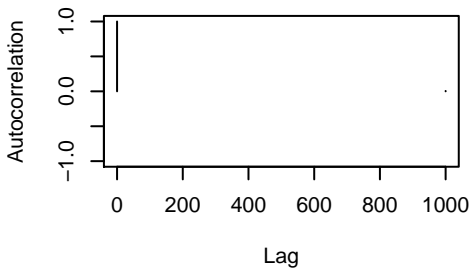
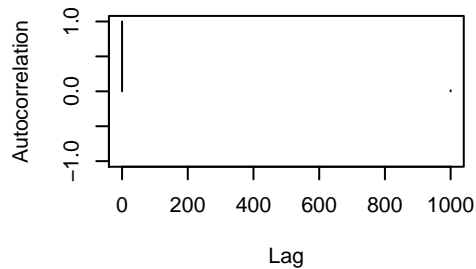
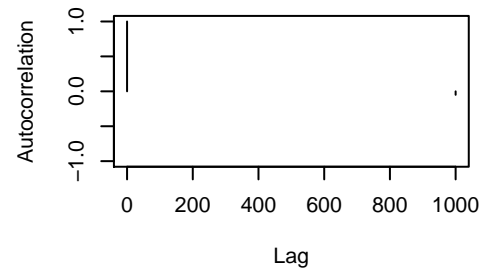


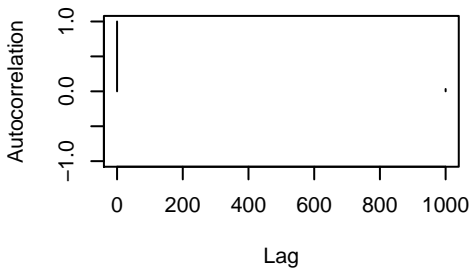
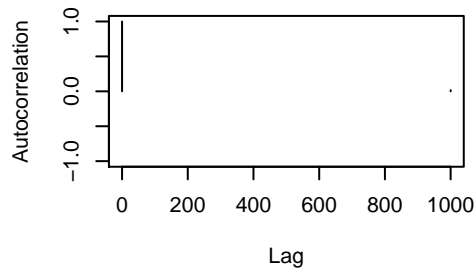
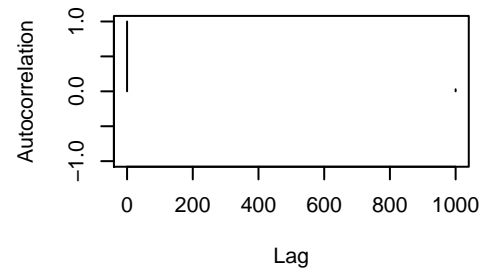
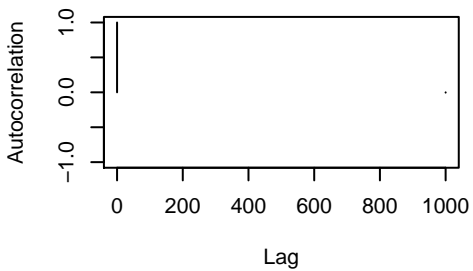
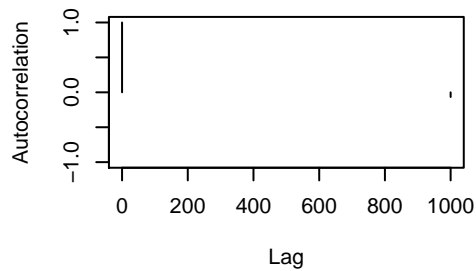
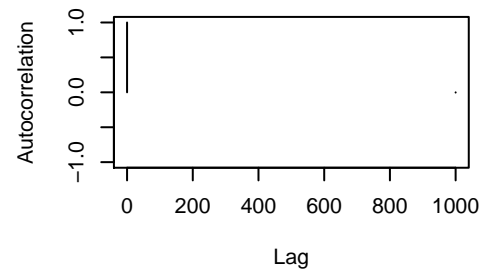
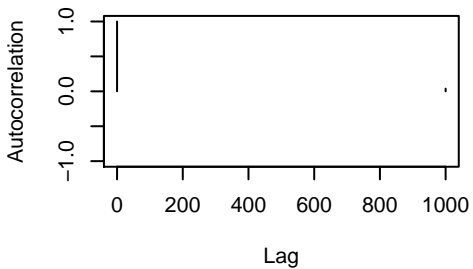
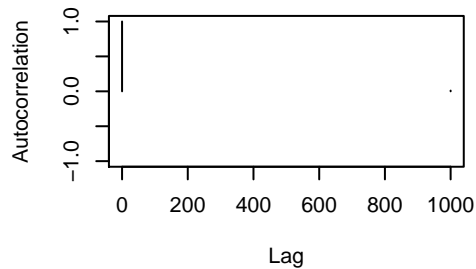
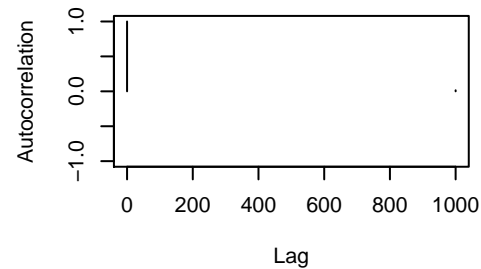
p[34,3]



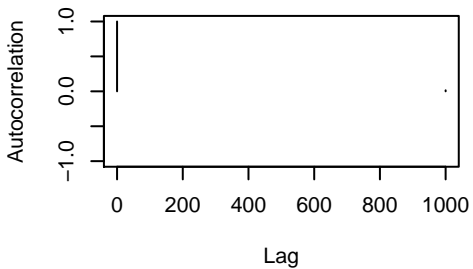
p[35,3]



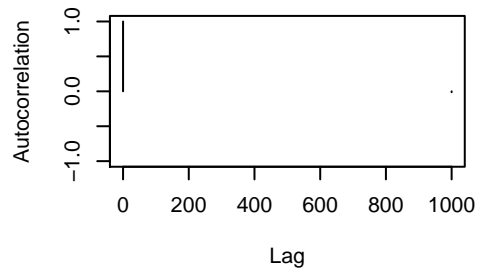
p[36,3]**p[37,3]****p[38,3]****p[39,3]****phi****pi[1]****pi[2]****pi[3]****q[1,1]**

q[2,1]**q[3,1]****q[4,1]****q[5,1]****q[6,1]****q[7,1]****q[8,1]****q[9,1]****q[10,1]**

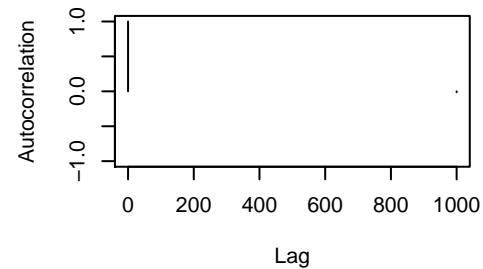
q[11,1]



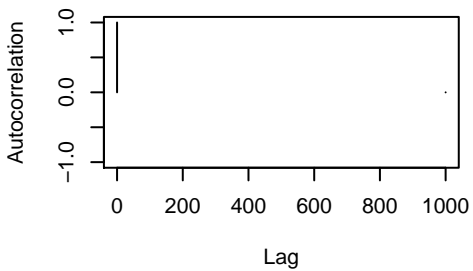
q[12,1]



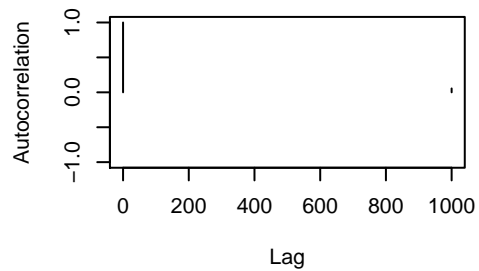
q[13,1]



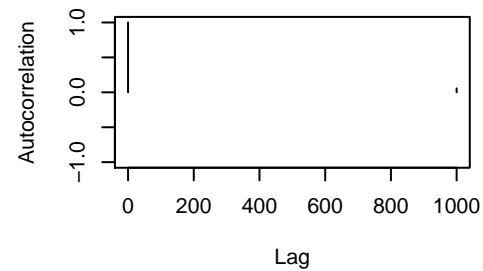
q[14,1]



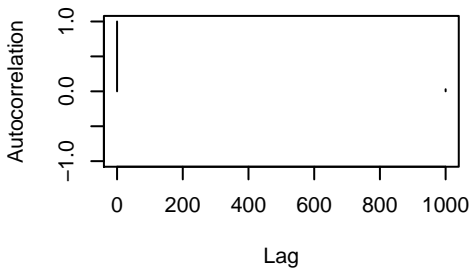
q[15,1]



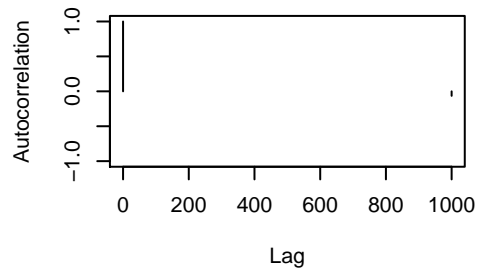
q[16,1]



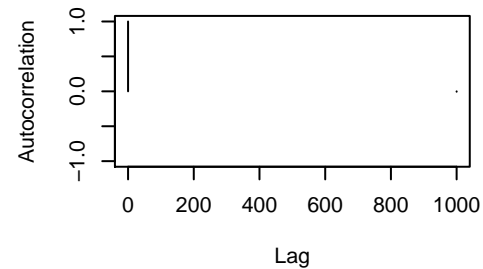
q[17,1]



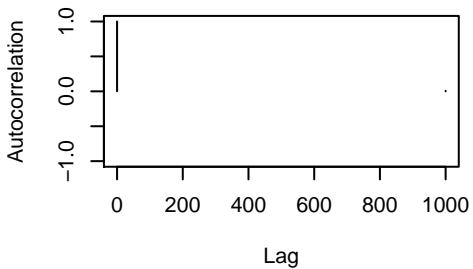
q[18,1]



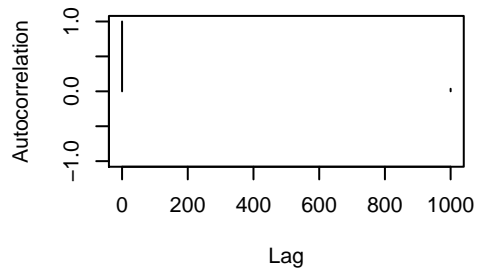
q[19,1]



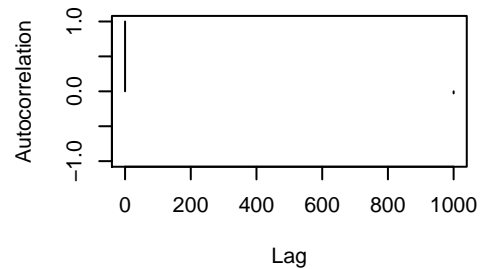
q[20,1]



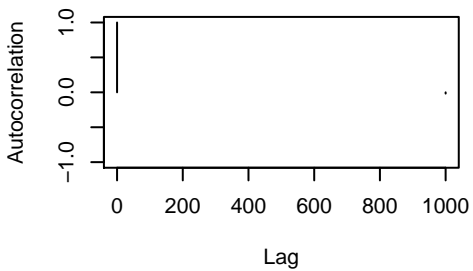
q[21,1]



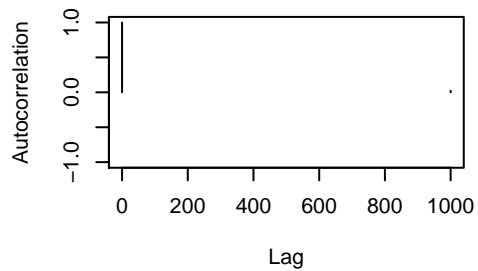
q[22,1]



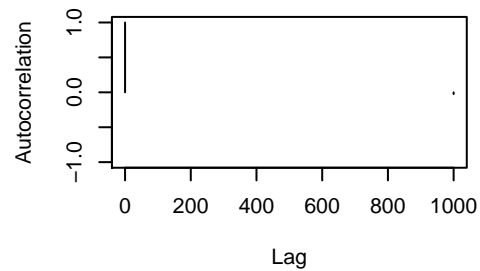
q[23,1]



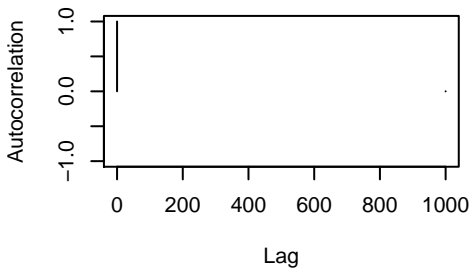
q[24,1]



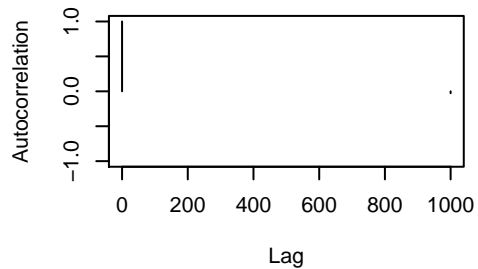
q[25,1]



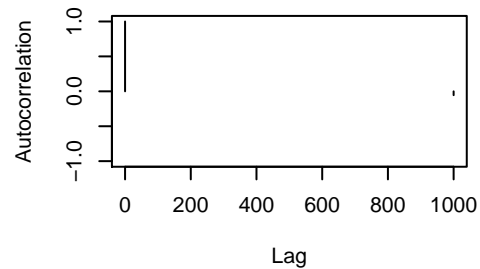
q[26,1]

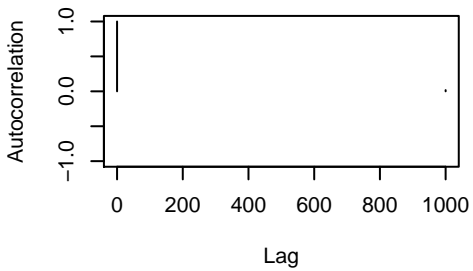
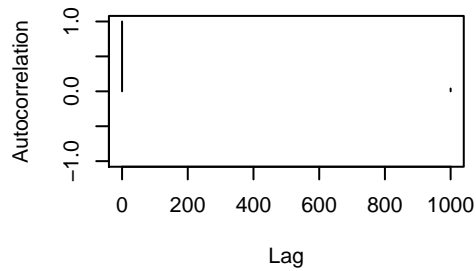
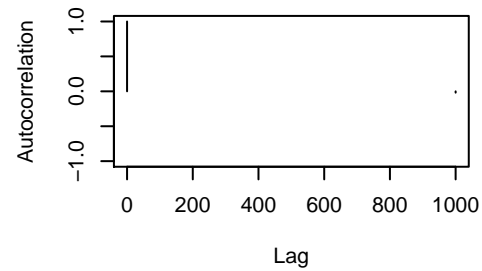
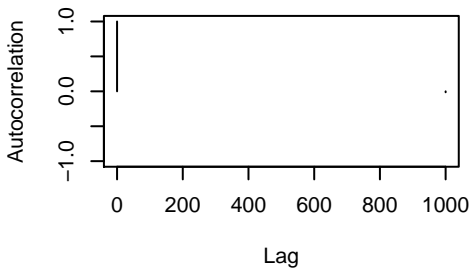
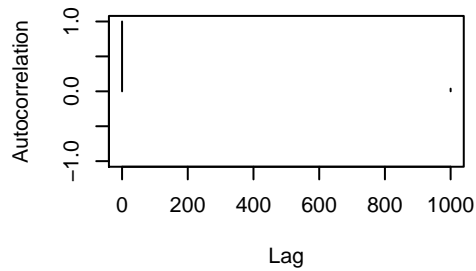
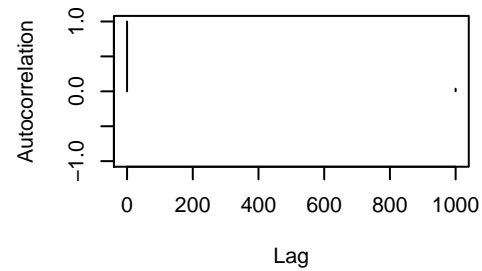
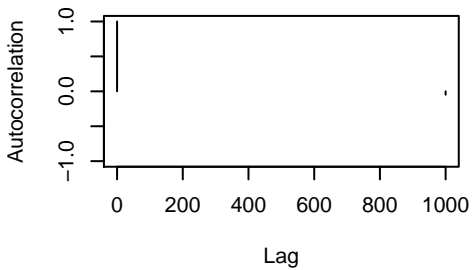
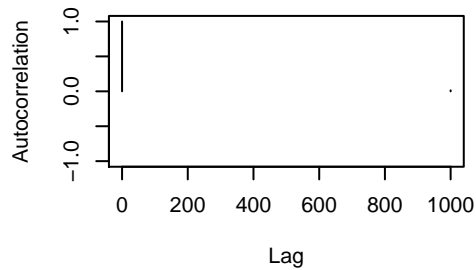
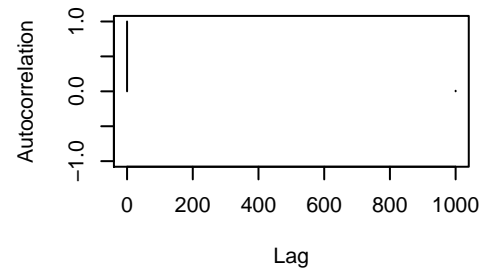


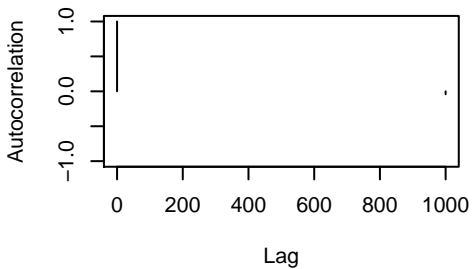
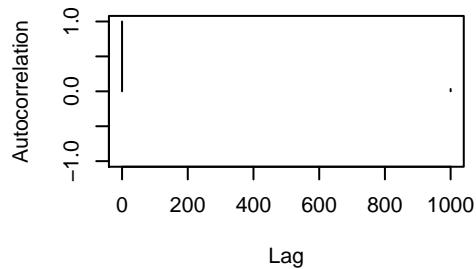
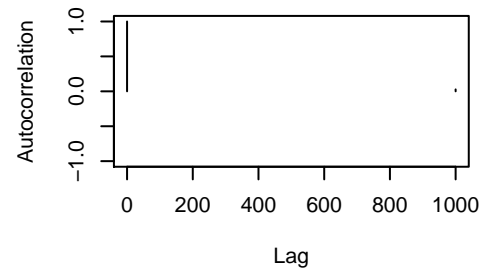
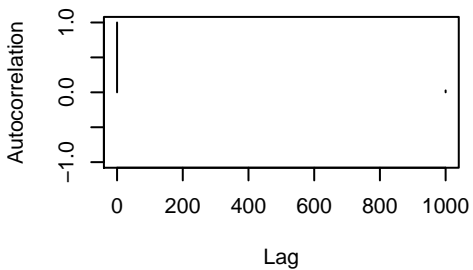
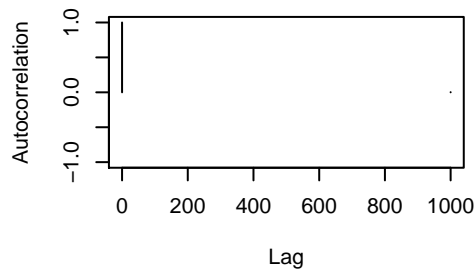
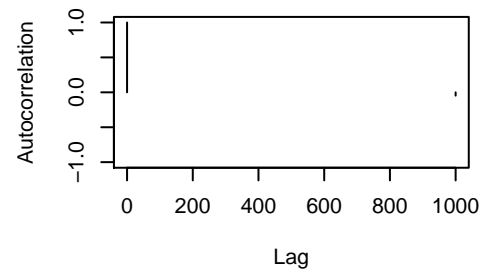
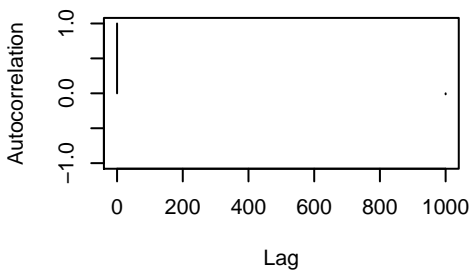
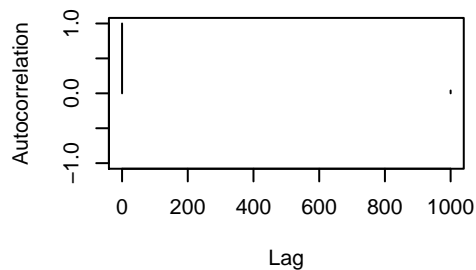
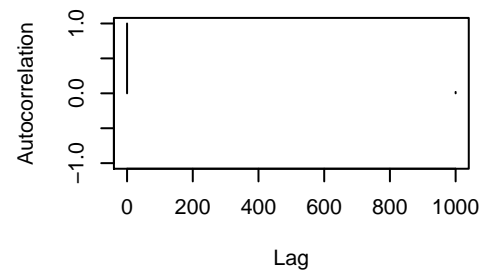
q[27,1]



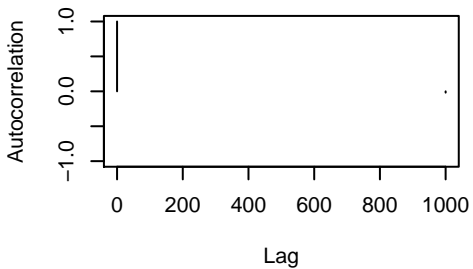
q[28,1]



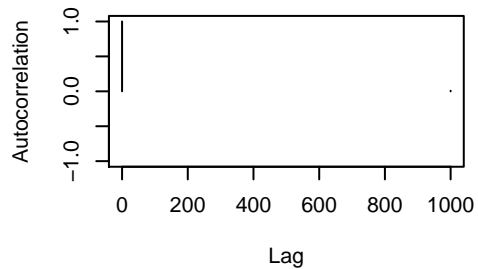
q[29,1]**q[30,1]****q[31,1]****q[32,1]****q[33,1]****q[34,1]****q[35,1]****q[36,1]****q[37,1]**

q[1,2]**q[2,2]****q[3,2]****q[4,2]****q[5,2]****q[6,2]****q[7,2]****q[8,2]****q[9,2]**

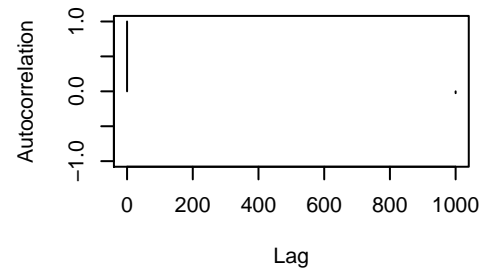
q[10,2]



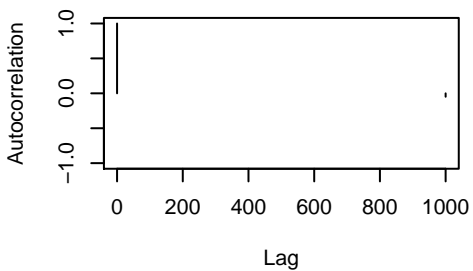
q[11,2]



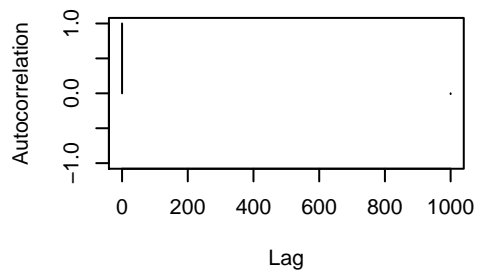
q[12,2]



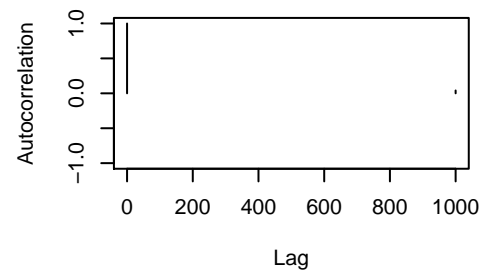
q[13,2]



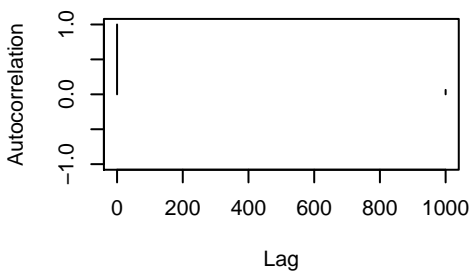
q[14,2]



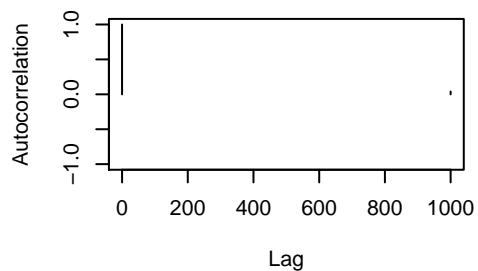
q[15,2]



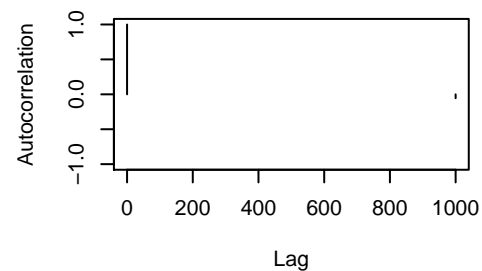
q[16,2]



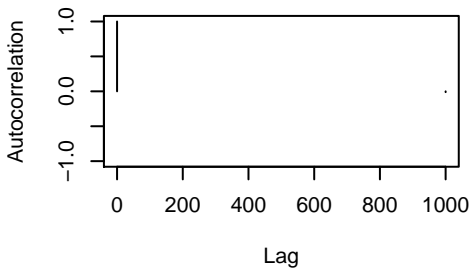
q[17,2]



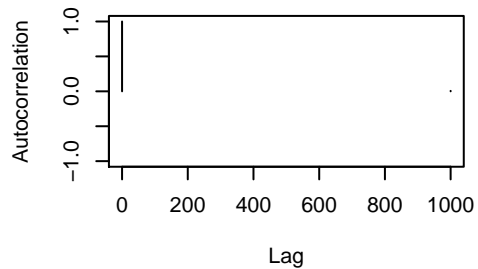
q[18,2]



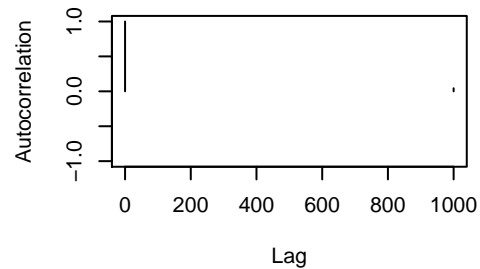
q[19,2]



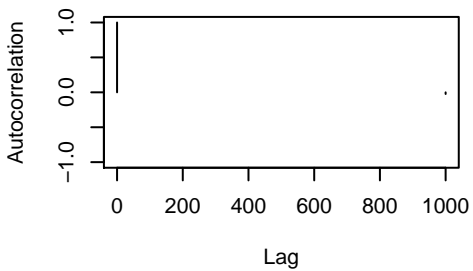
q[20,2]



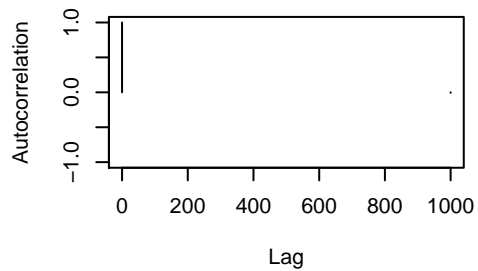
q[21,2]



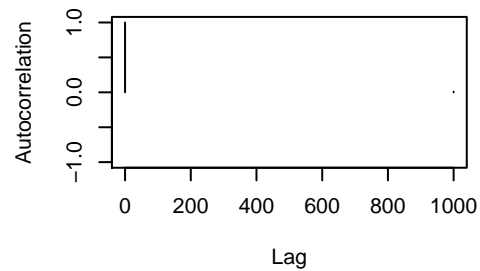
q[22,2]



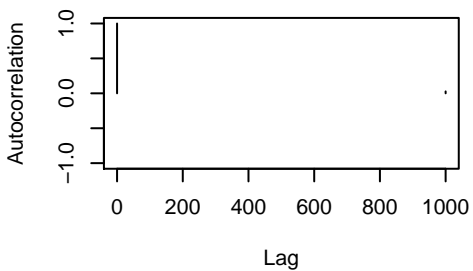
q[23,2]



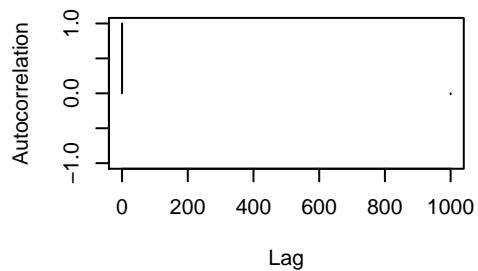
q[24,2]



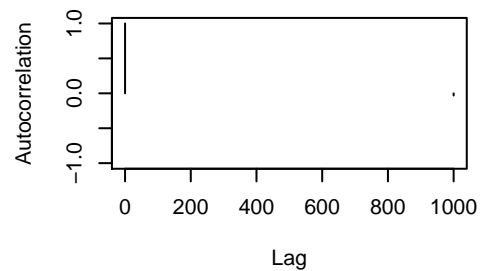
q[25,2]

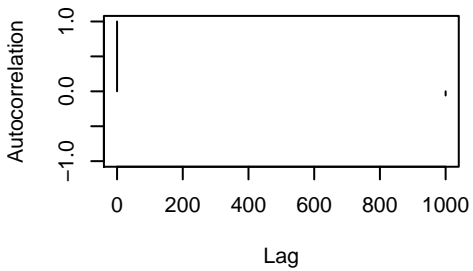
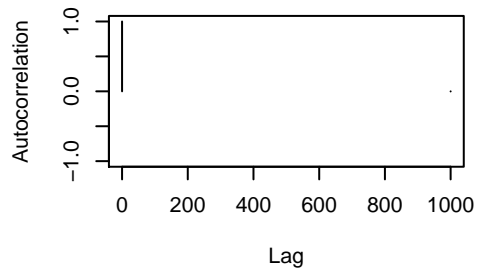
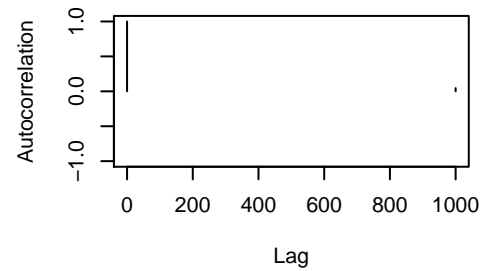
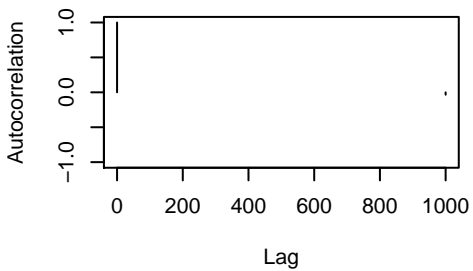
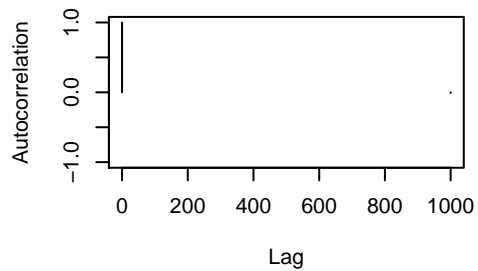
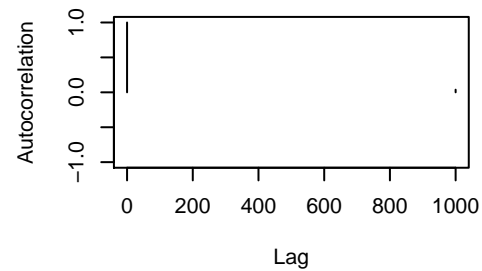
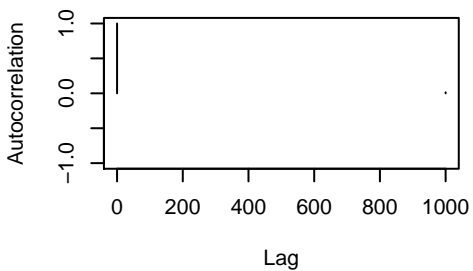
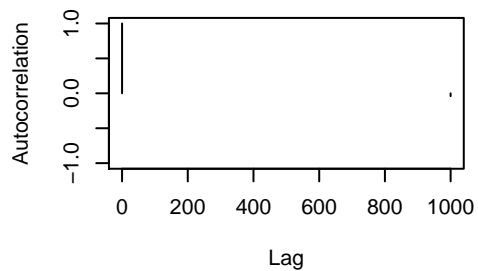
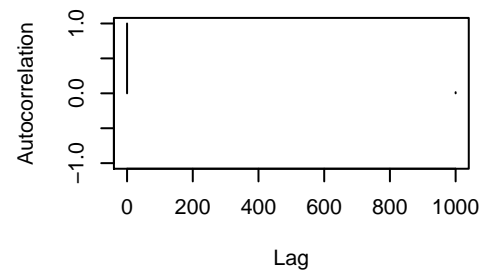


q[26,2]

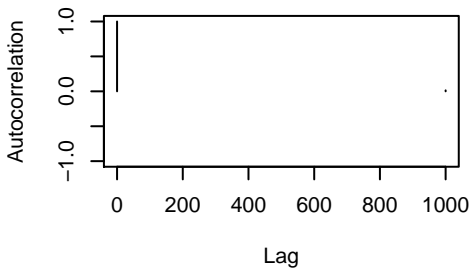


q[27,2]

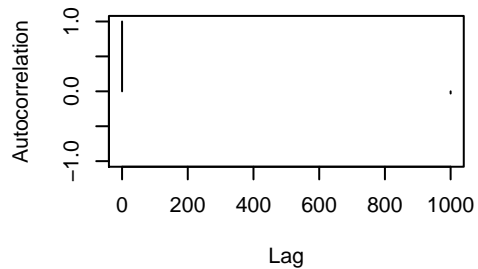


q[28,2]**q[29,2]****q[30,2]****q[31,2]****q[32,2]****q[33,2]****q[34,2]****q[35,2]****q[36,2]**

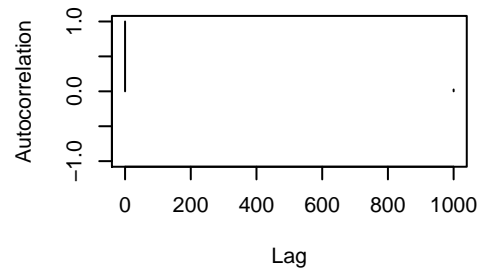
q[37,2]



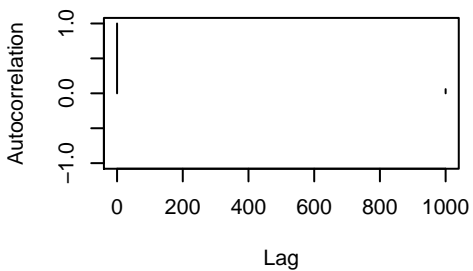
q[1,3]



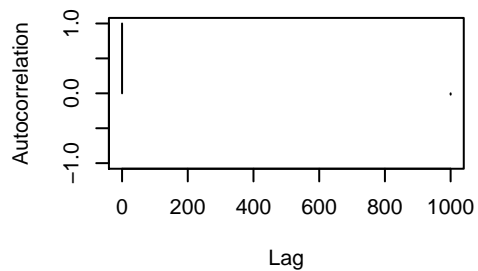
q[2,3]



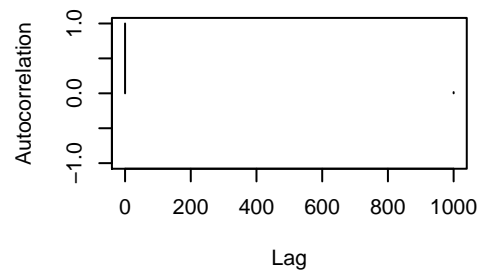
q[3,3]



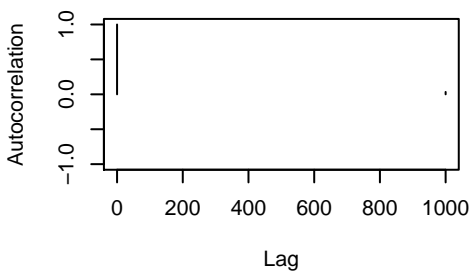
q[4,3]



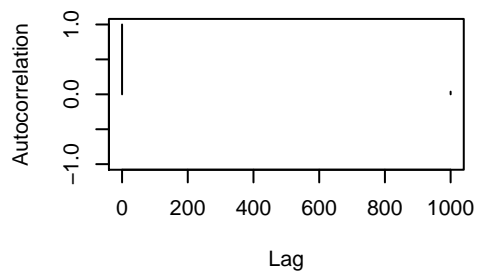
q[5,3]



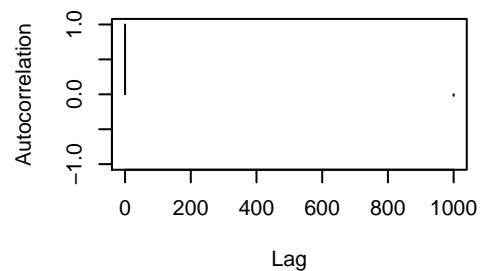
q[6,3]

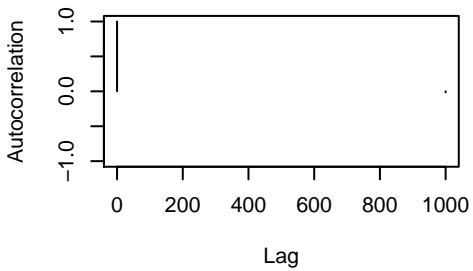
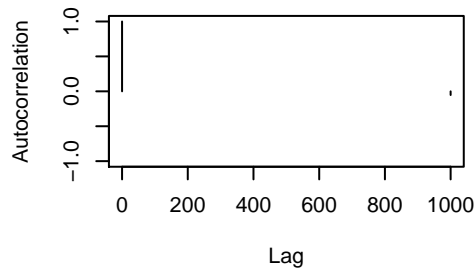
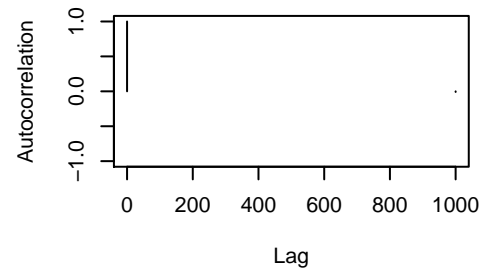
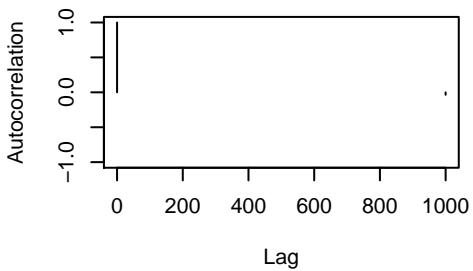
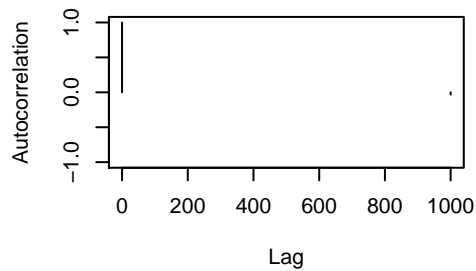
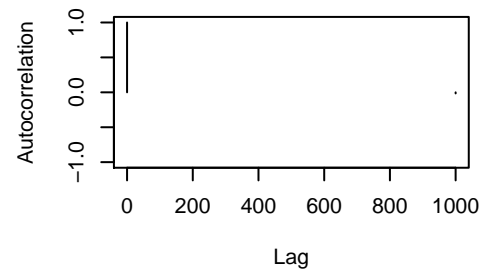
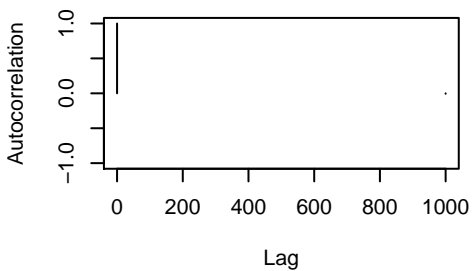
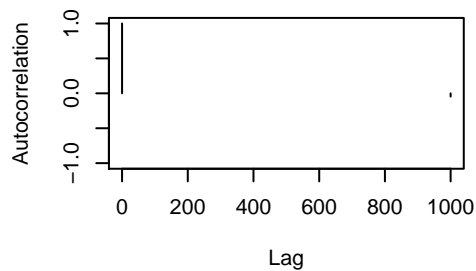
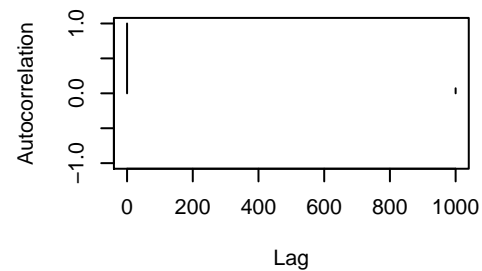


q[7,3]

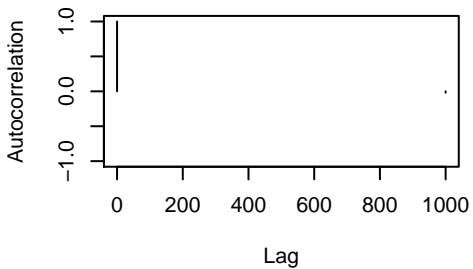


q[8,3]

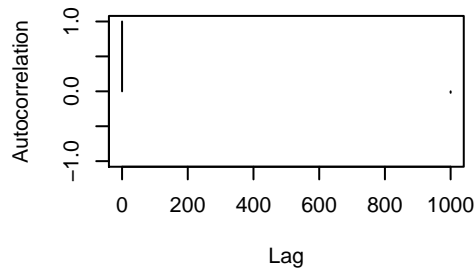


q[9,3]**q[10,3]****q[11,3]****q[12,3]****q[13,3]****q[14,3]****q[15,3]****q[16,3]****q[17,3]**

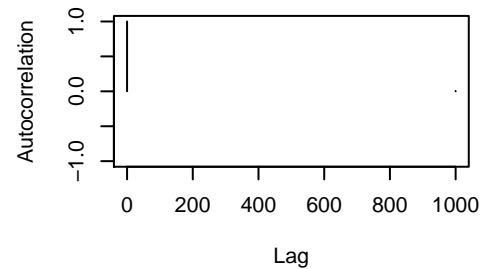
q[18,3]



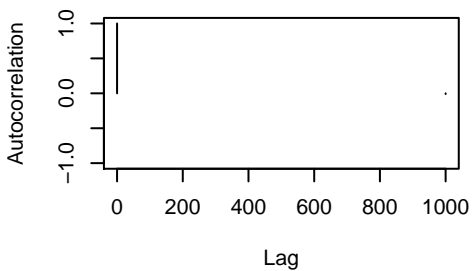
q[19,3]



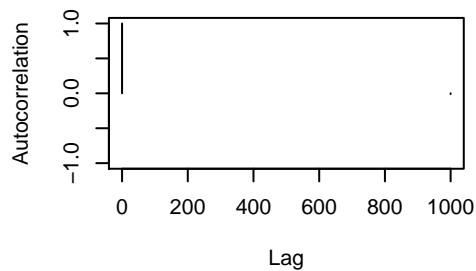
q[20,3]



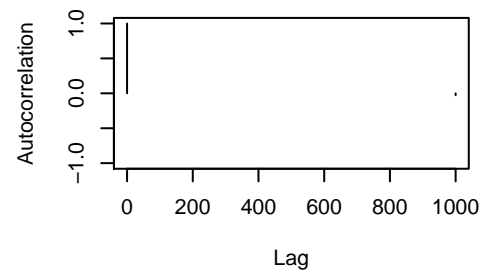
q[21,3]



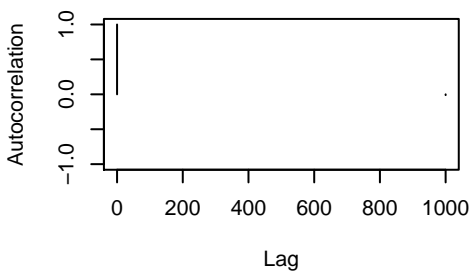
q[22,3]



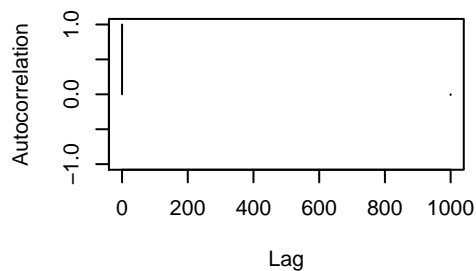
q[23,3]



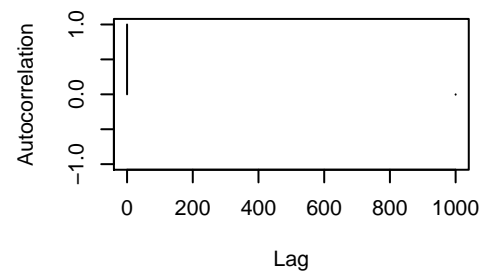
q[24,3]



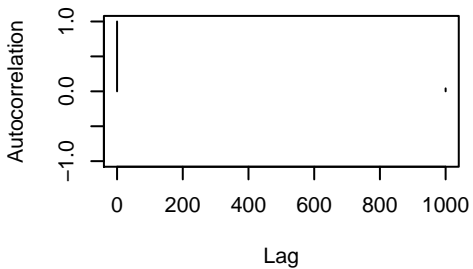
q[25,3]



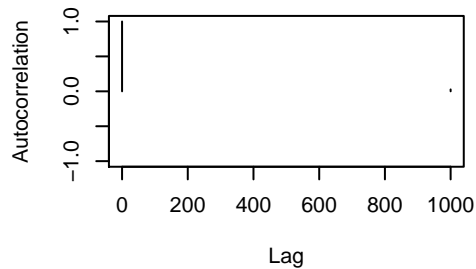
q[26,3]



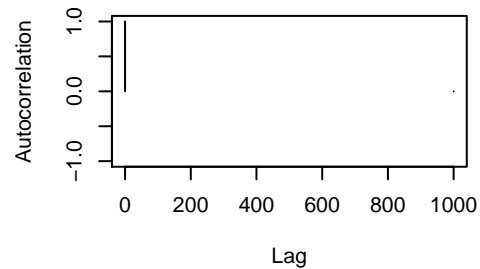
q[27,3]



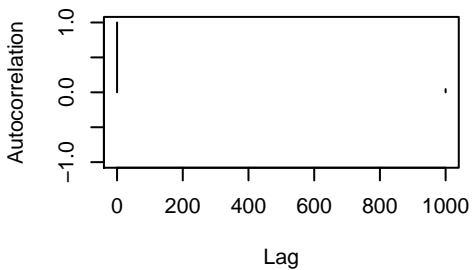
q[28,3]



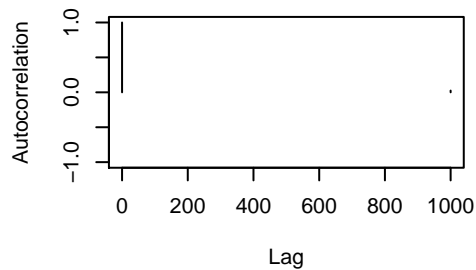
q[29,3]



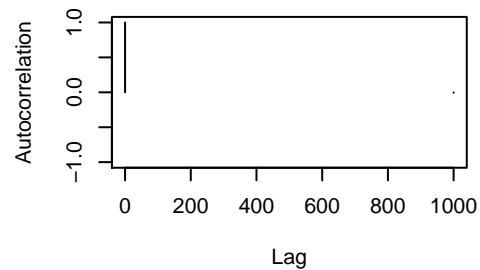
q[30,3]



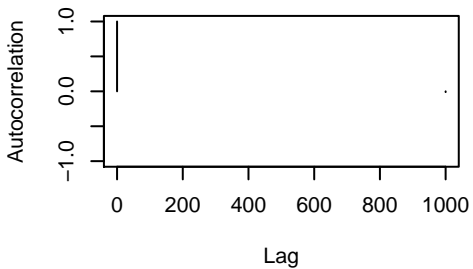
q[31,3]



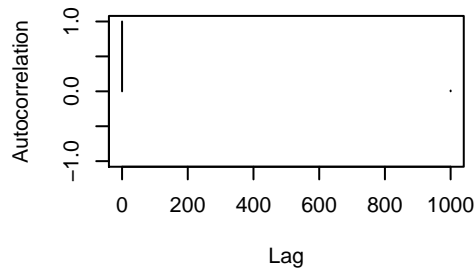
q[32,3]



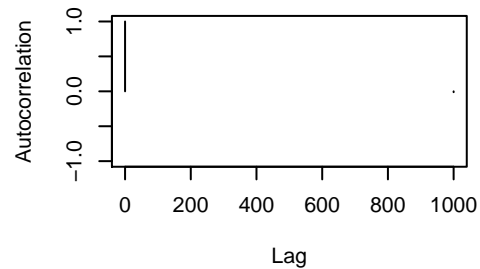
q[33,3]

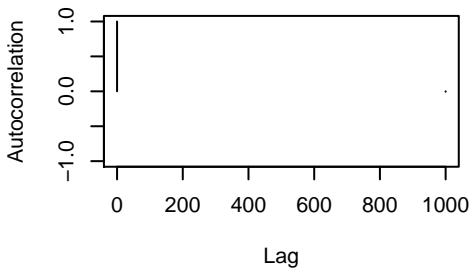
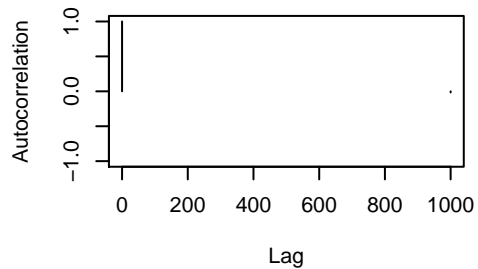
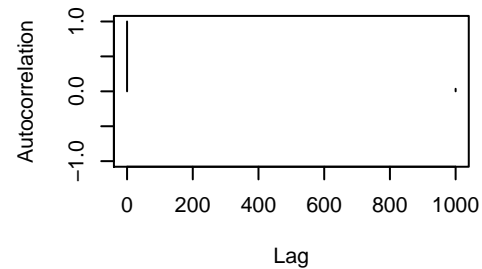
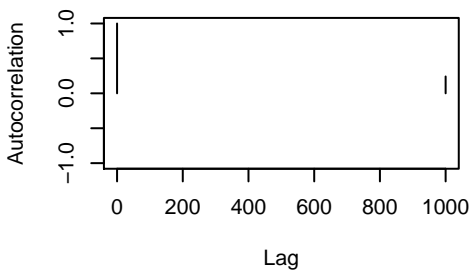
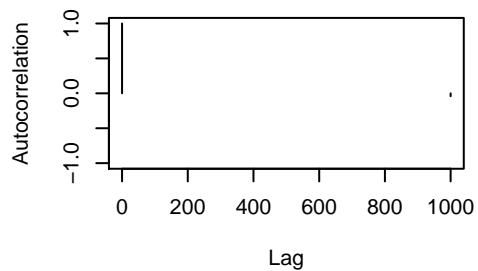
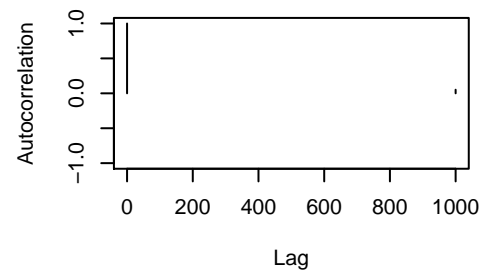
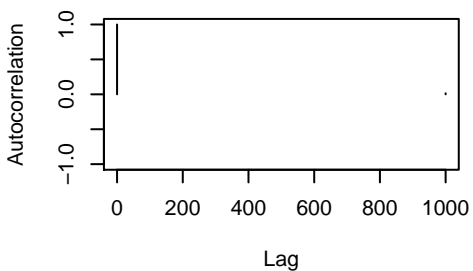
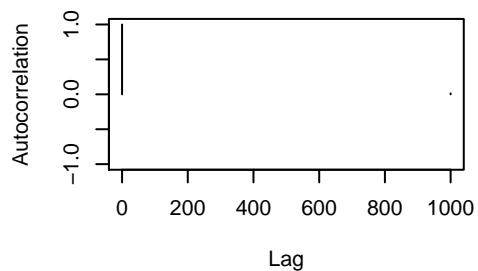
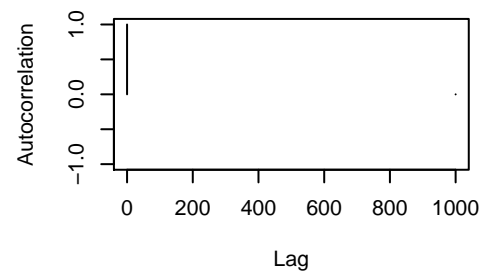


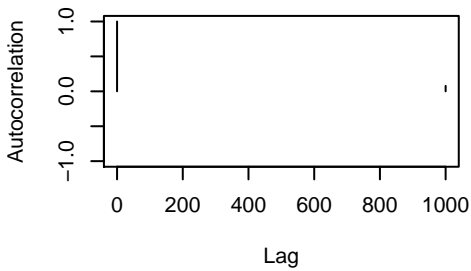
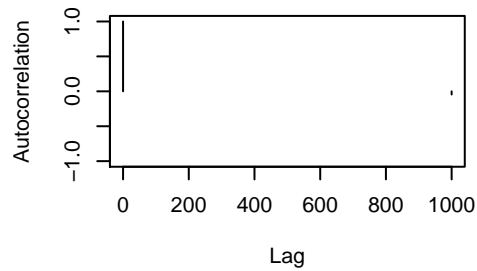
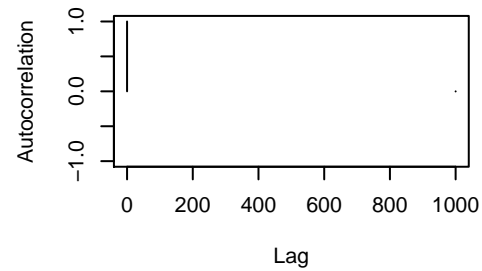
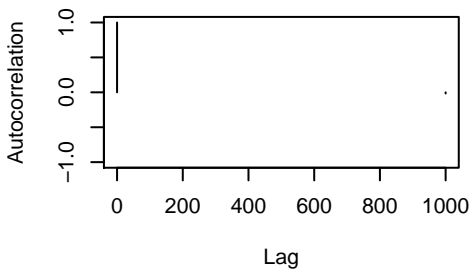
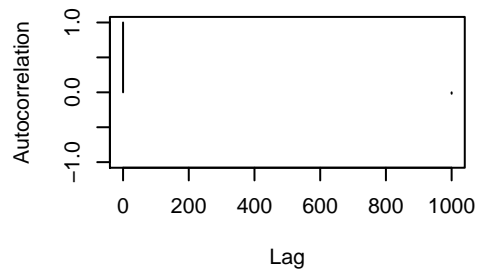
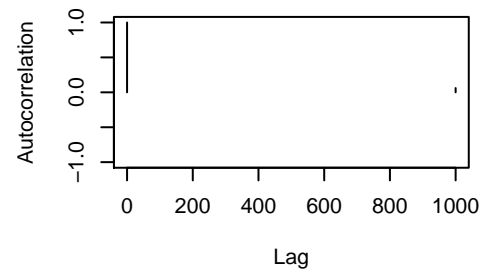
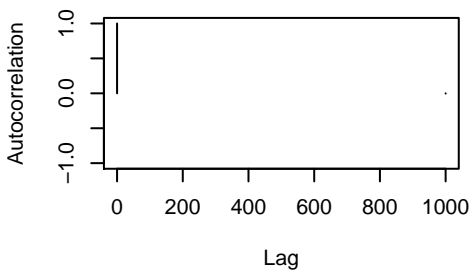
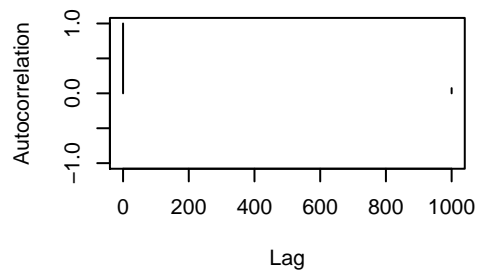
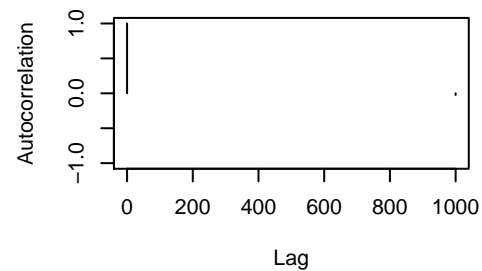
q[34,3]

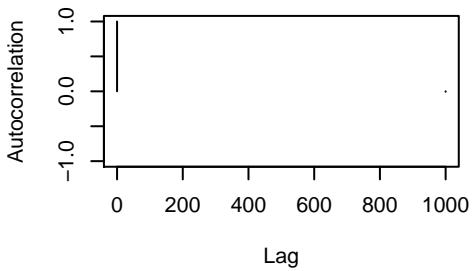
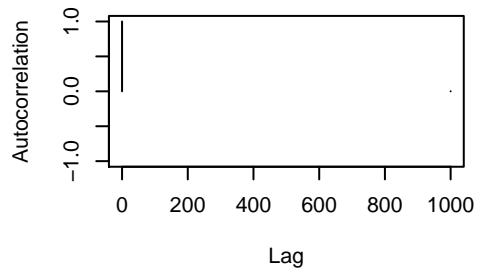
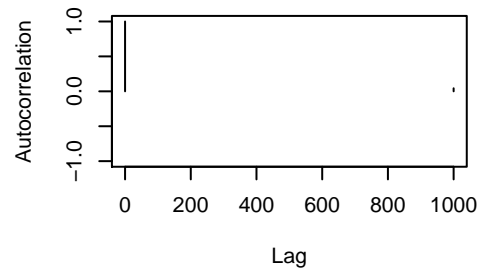
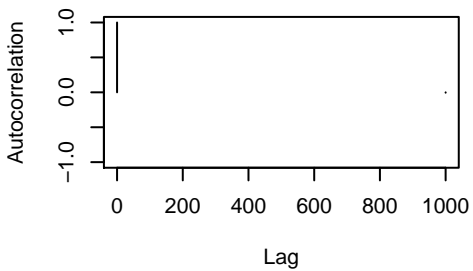
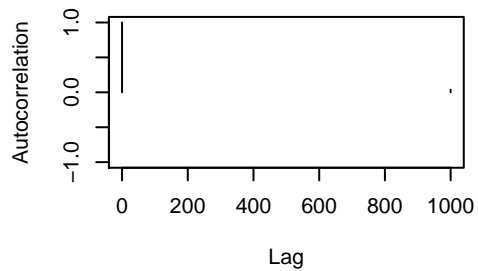
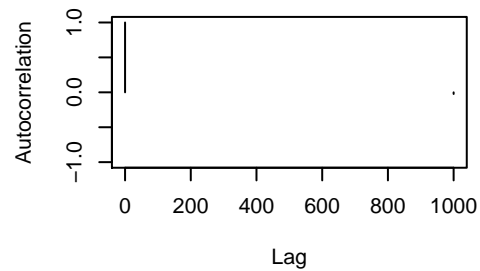
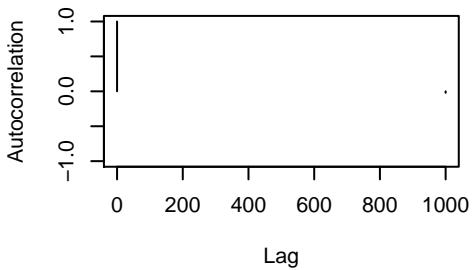
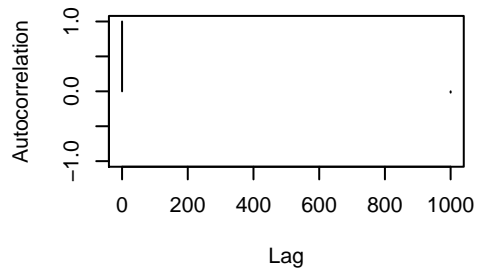
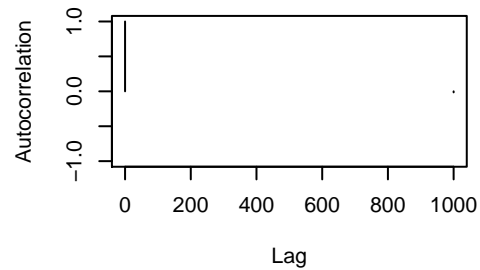


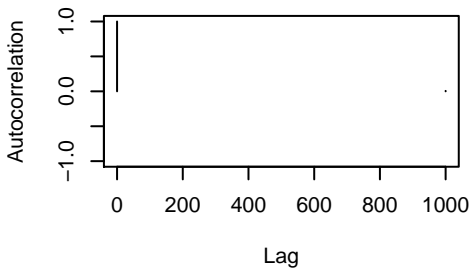
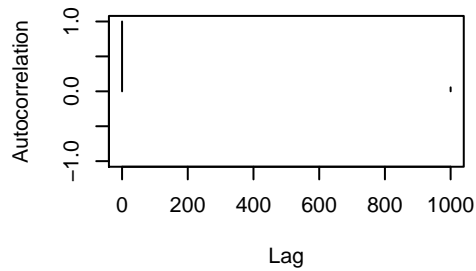
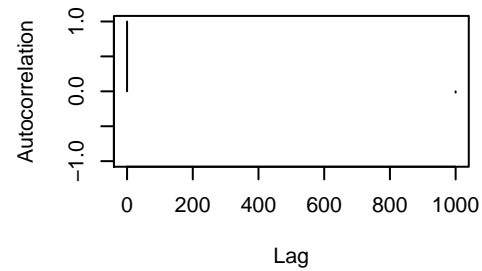
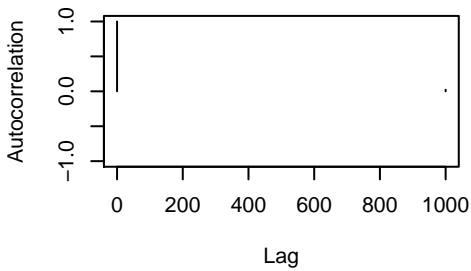
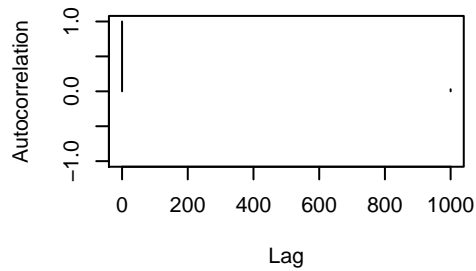
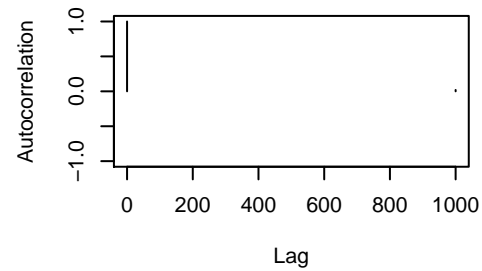
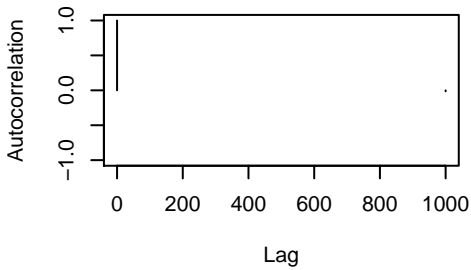
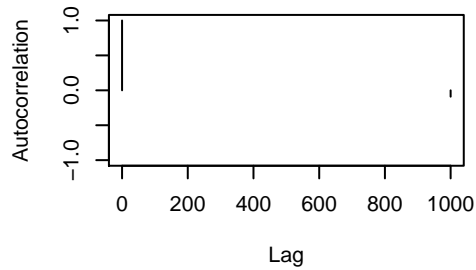
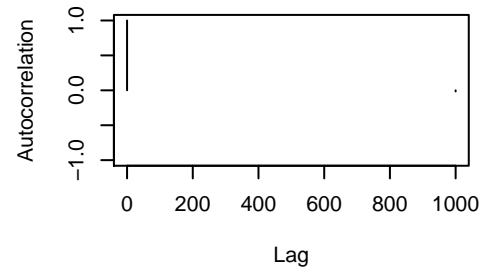
q[35,3]

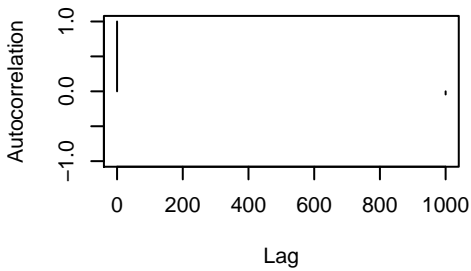
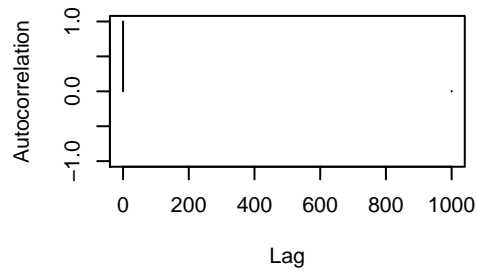
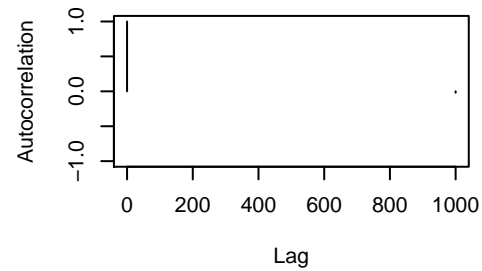
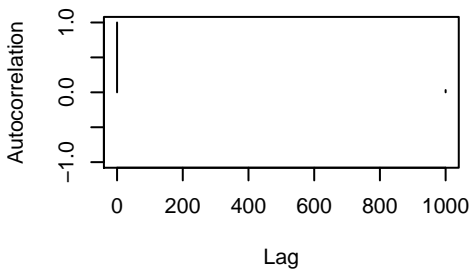
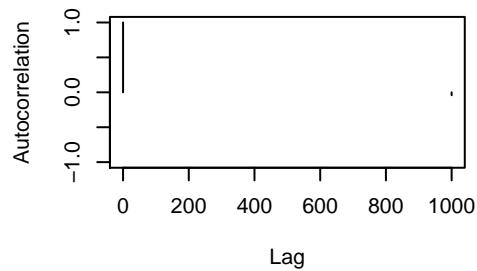
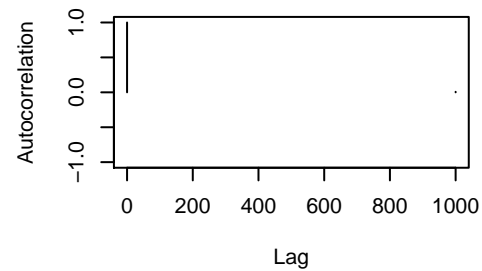
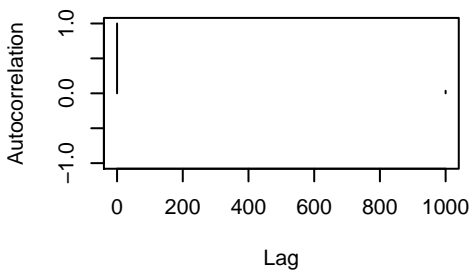
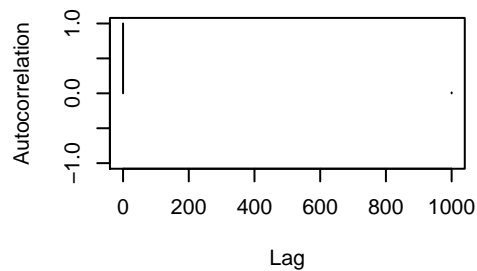
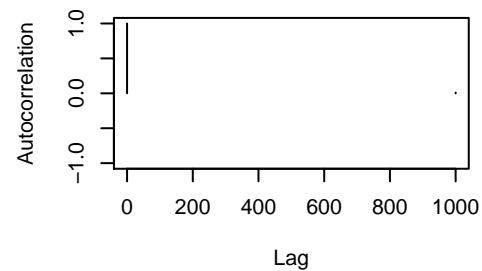


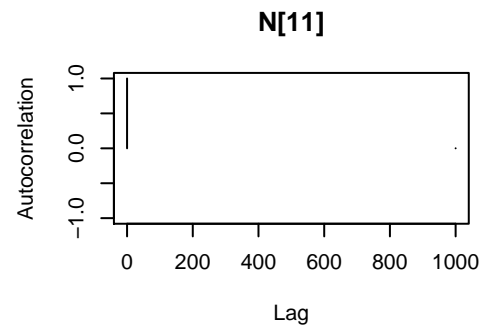
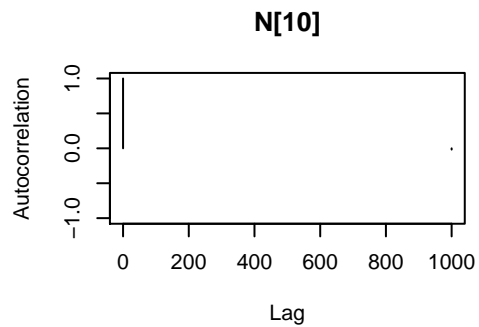
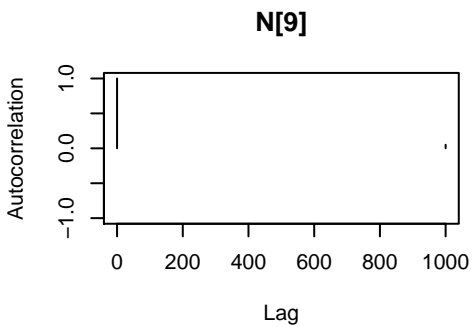
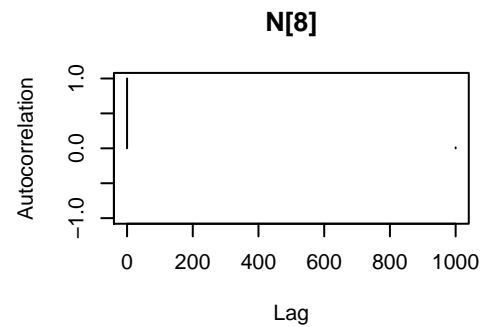
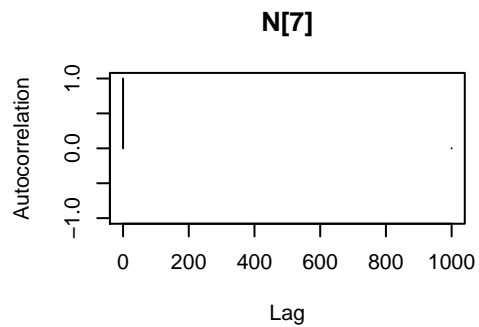
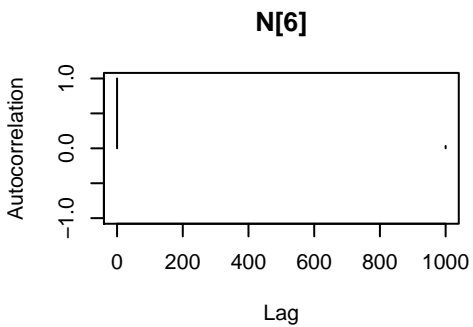
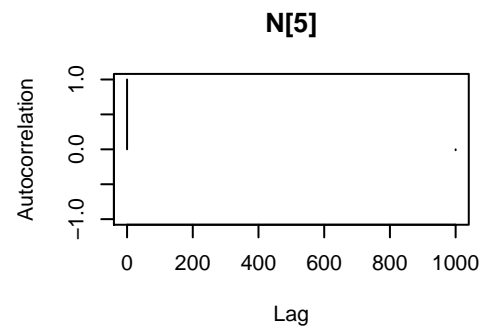
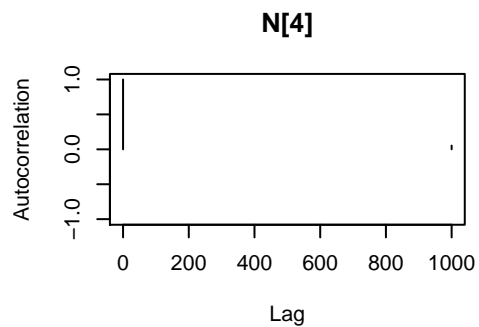
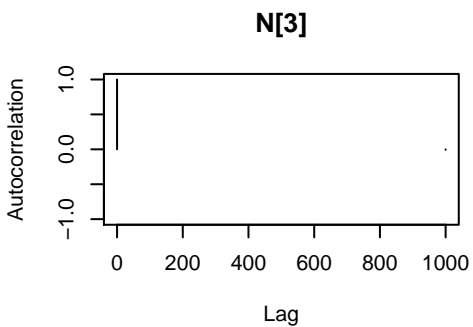
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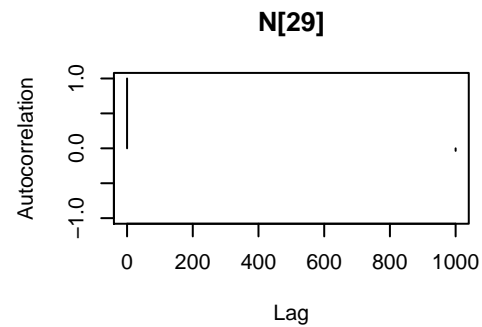
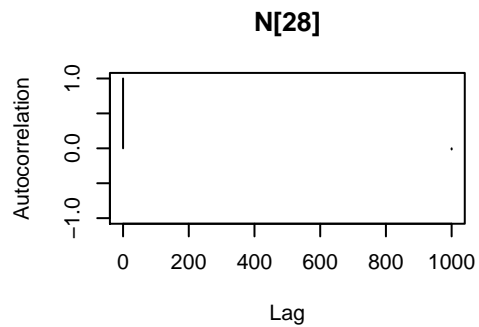
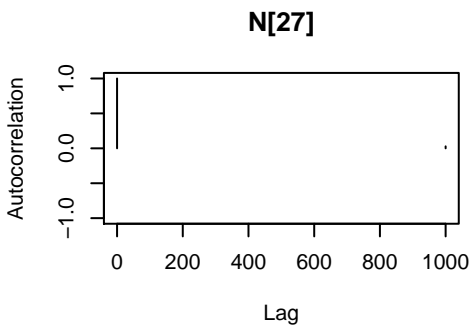
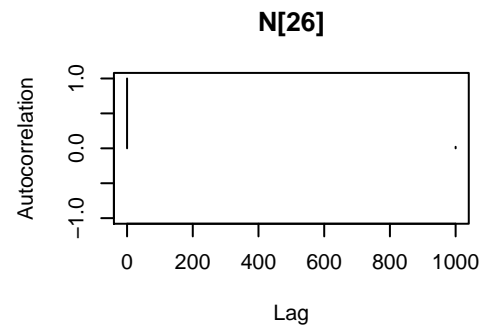
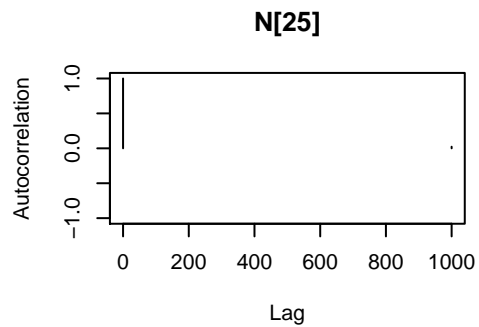
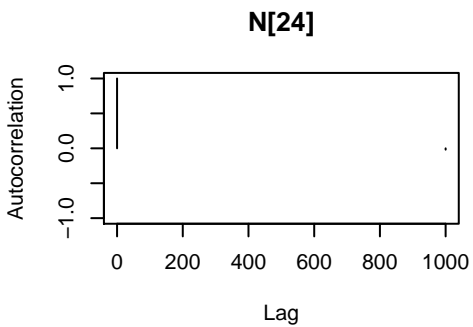
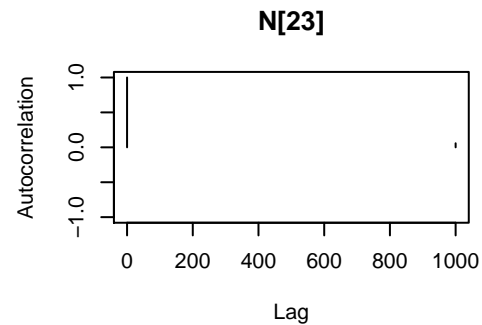
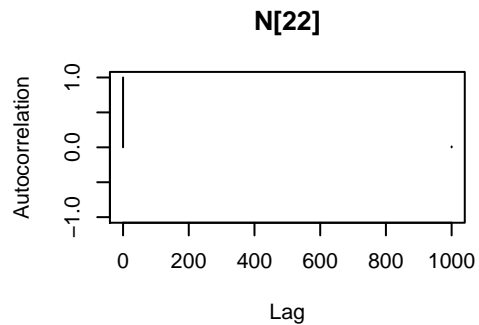
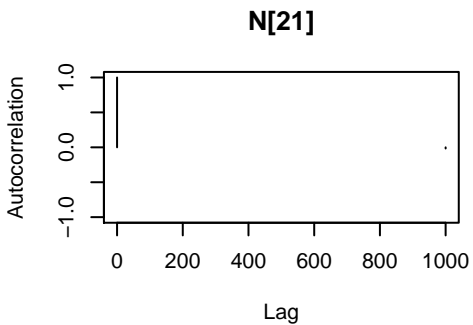
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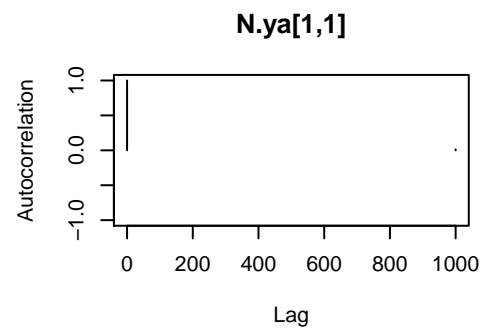
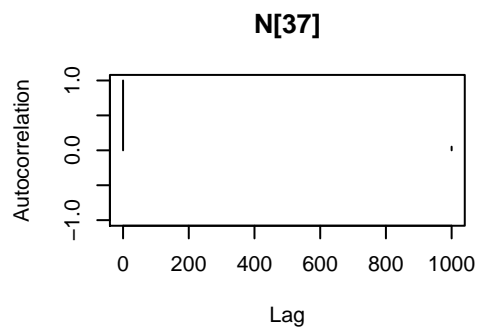
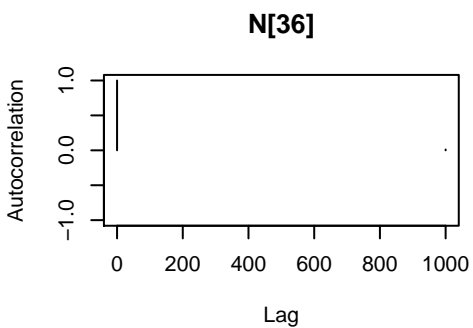
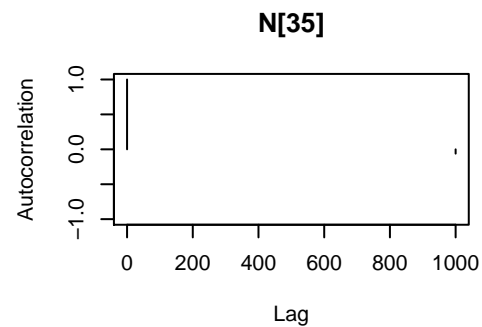
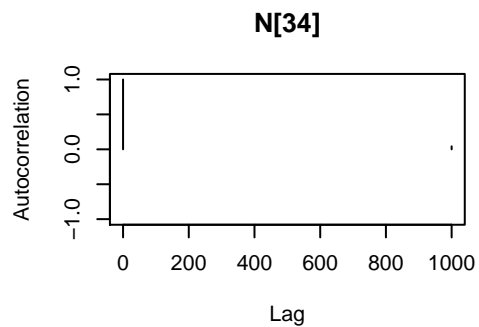
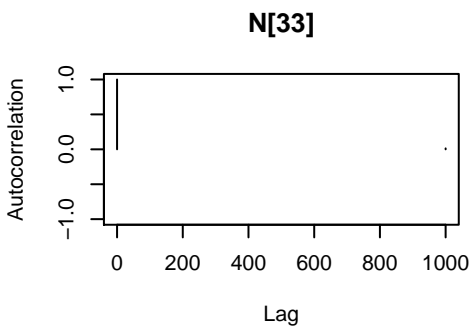
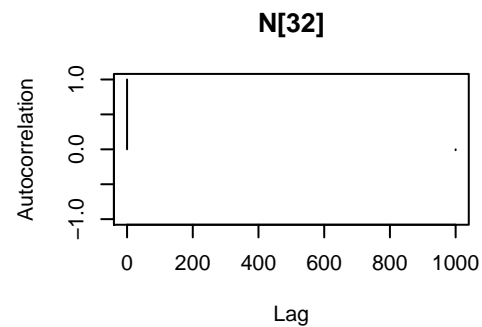
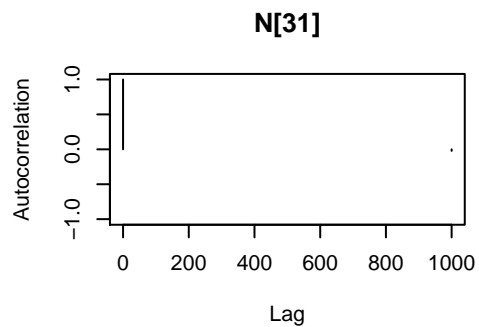
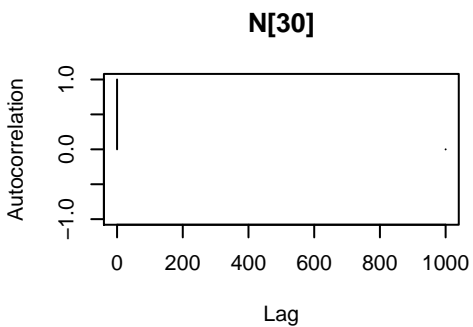
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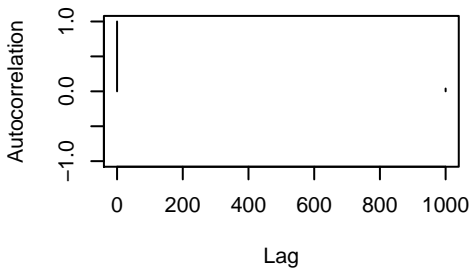
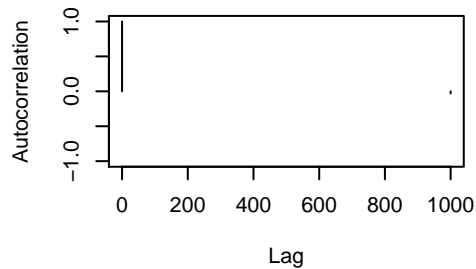
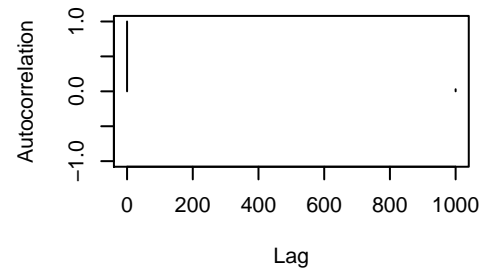
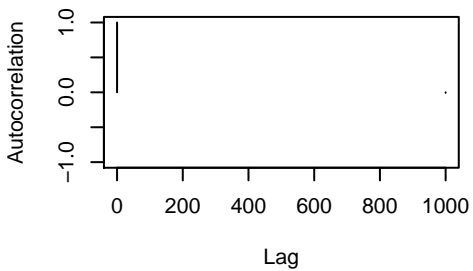
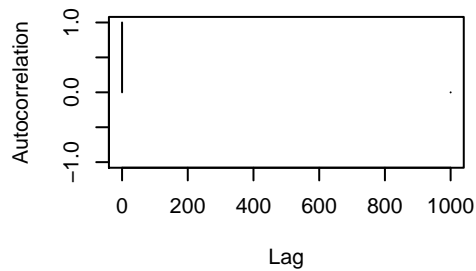
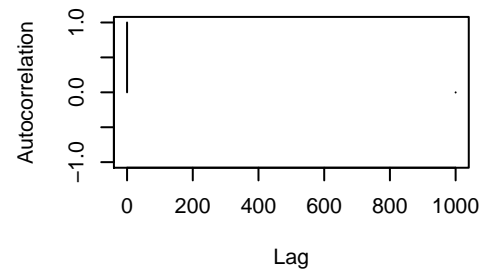
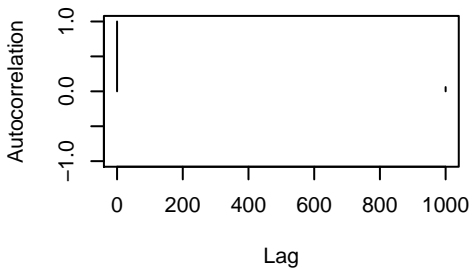
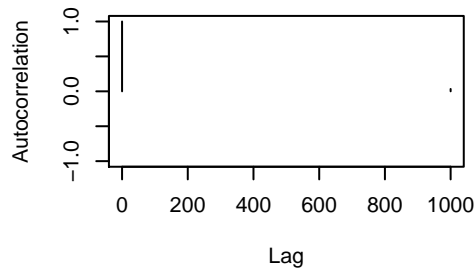
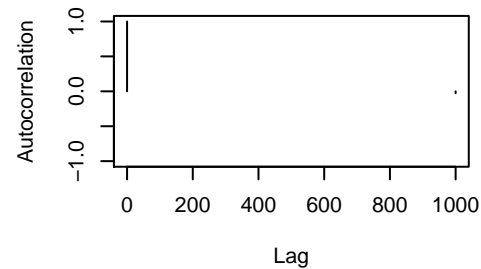
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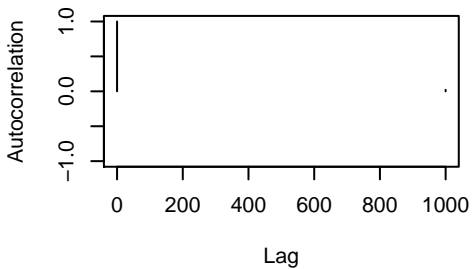
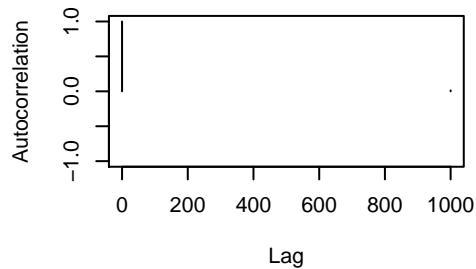
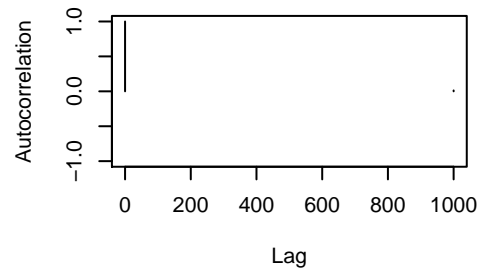
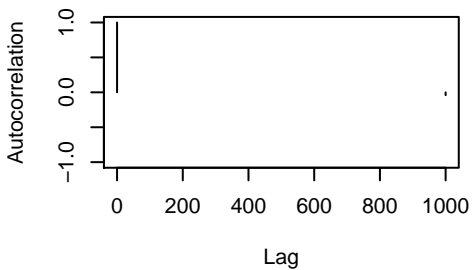
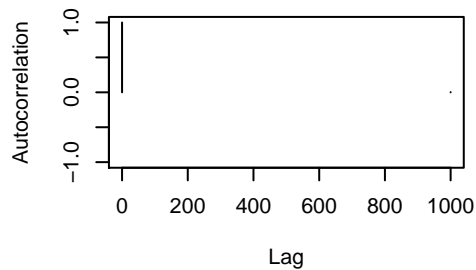
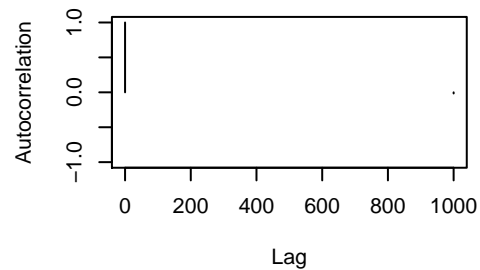
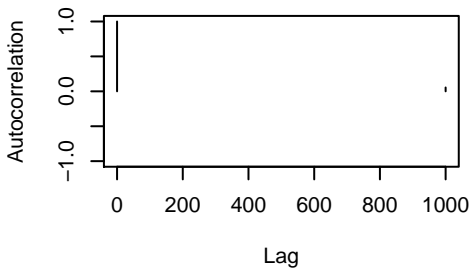
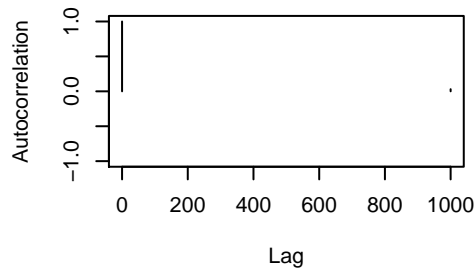
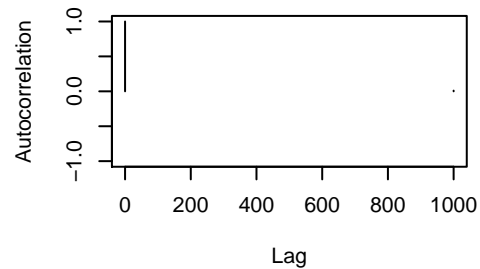
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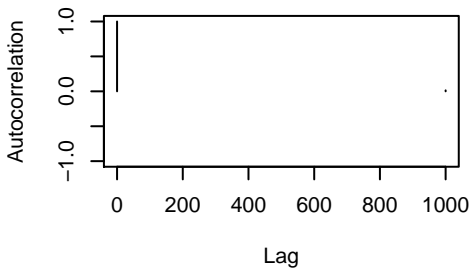
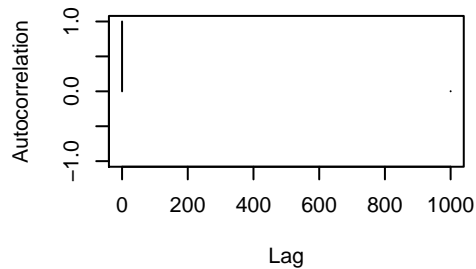
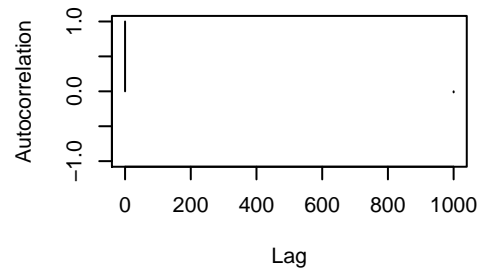
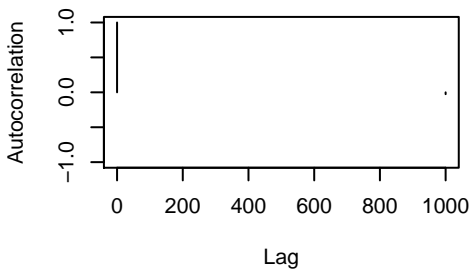
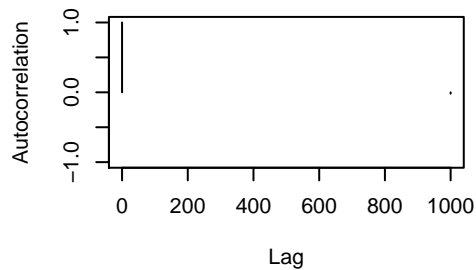
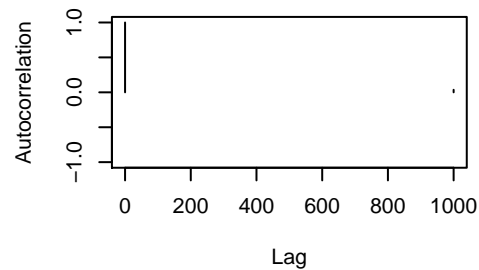
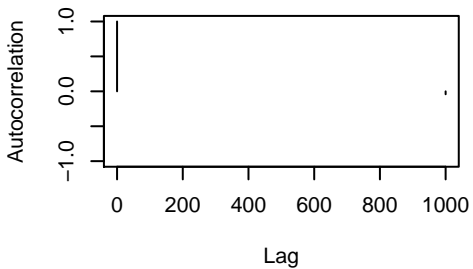
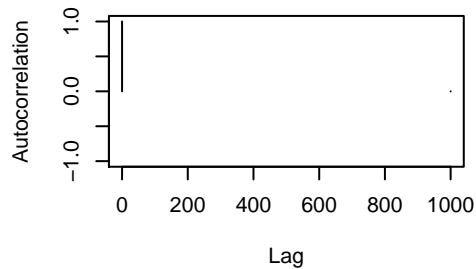
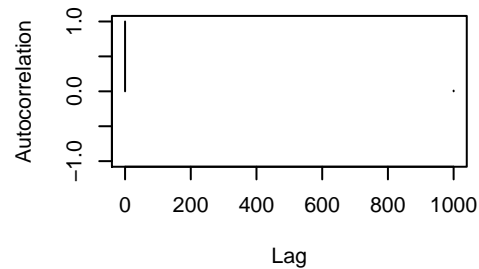


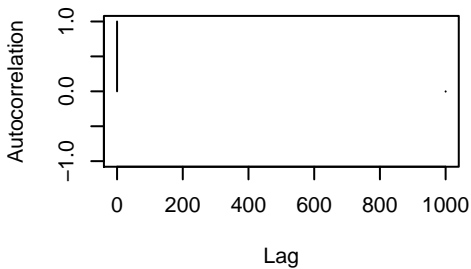
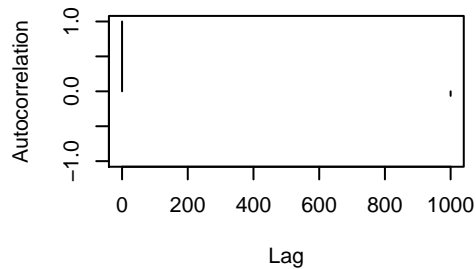
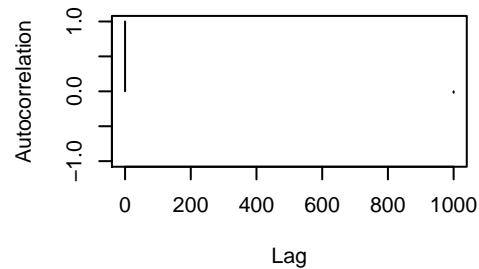
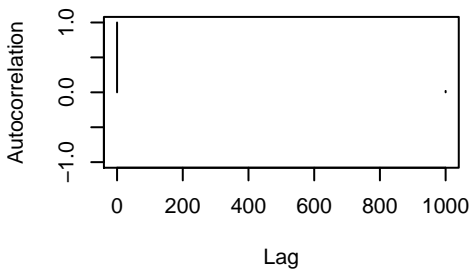
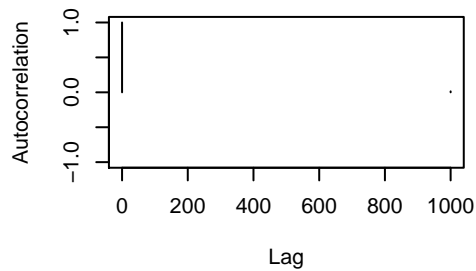
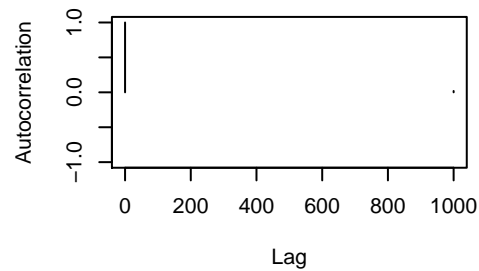
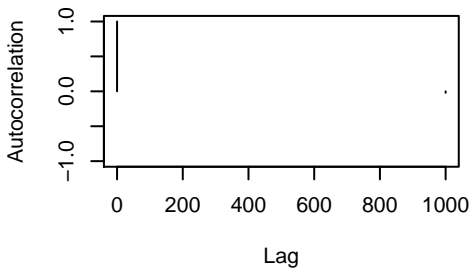
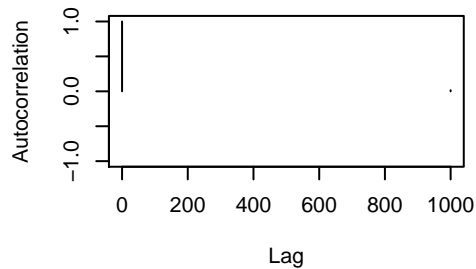
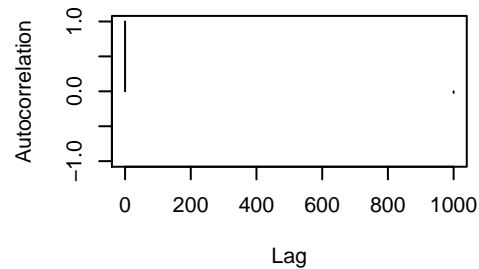


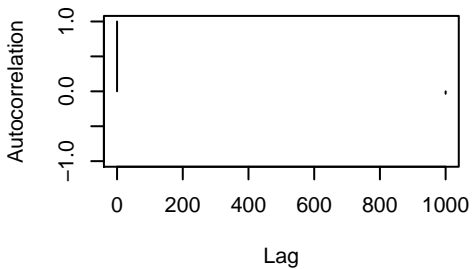
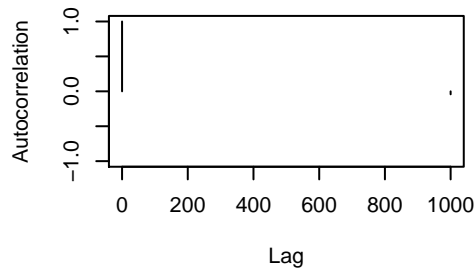
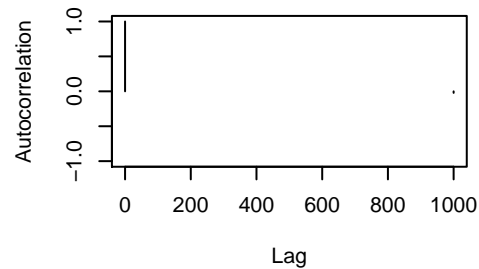
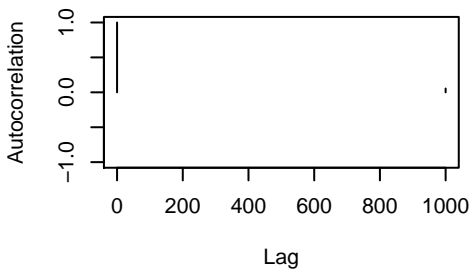
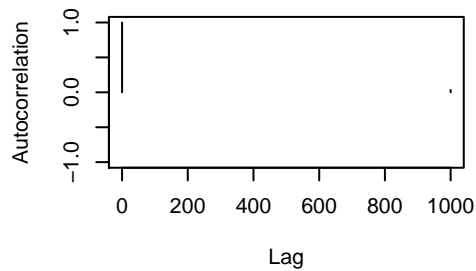
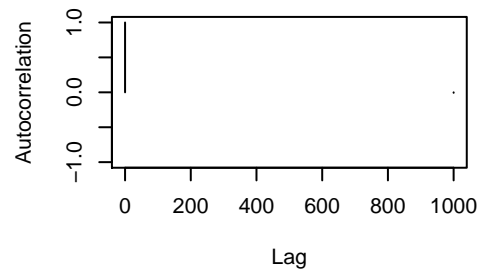
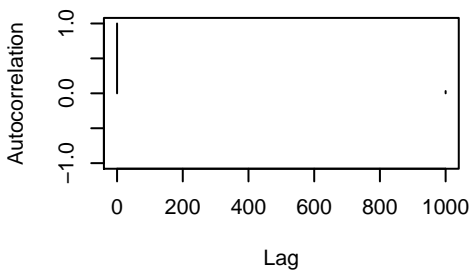
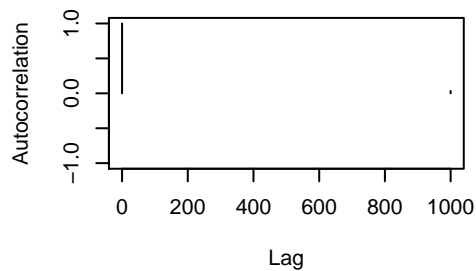
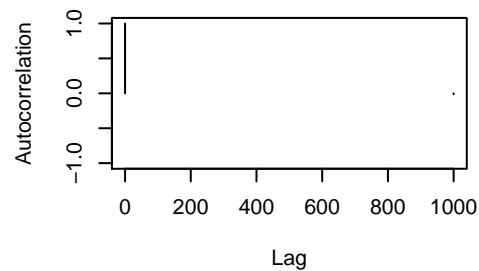


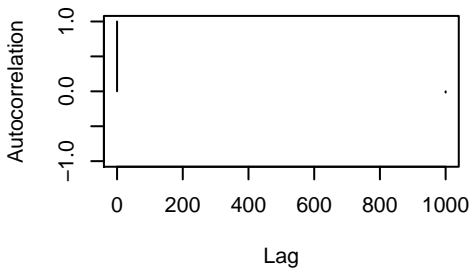
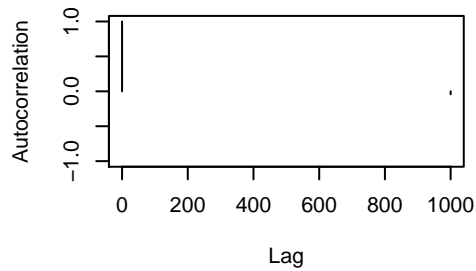
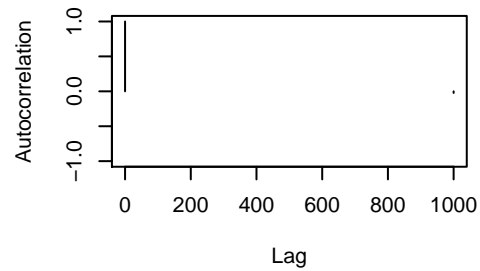
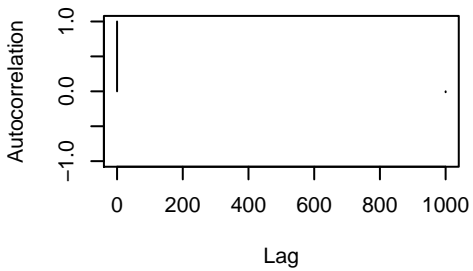
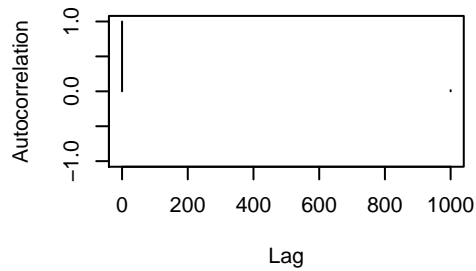
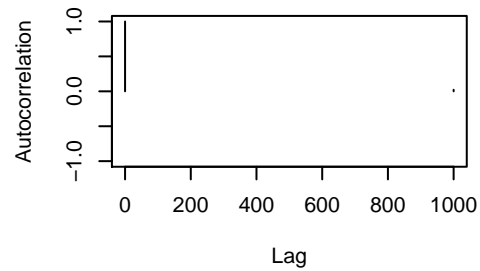
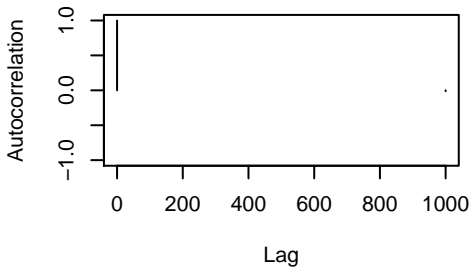
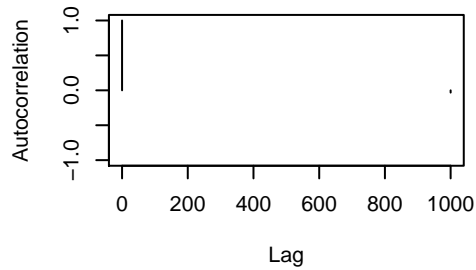
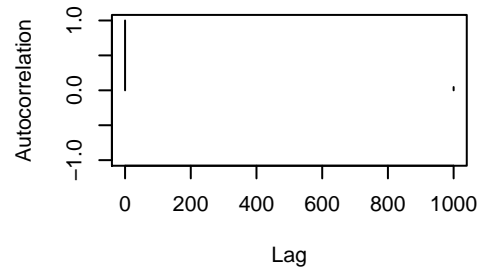
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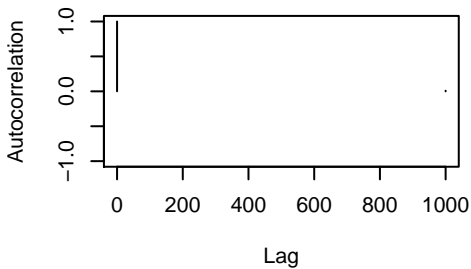
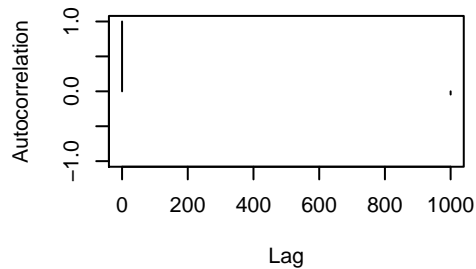
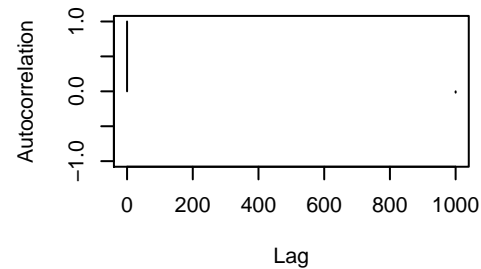
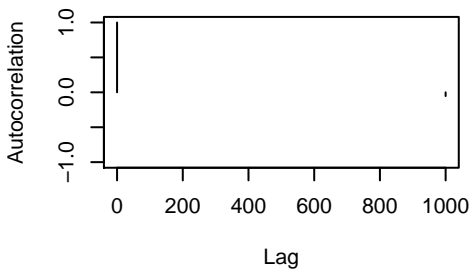
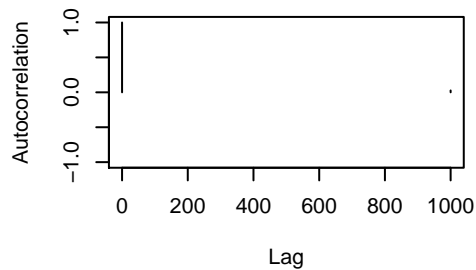
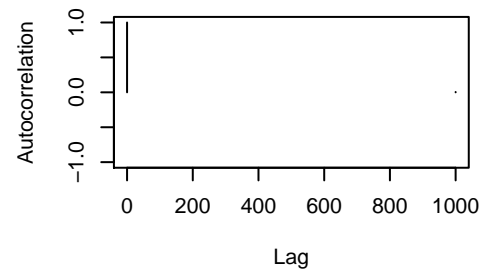
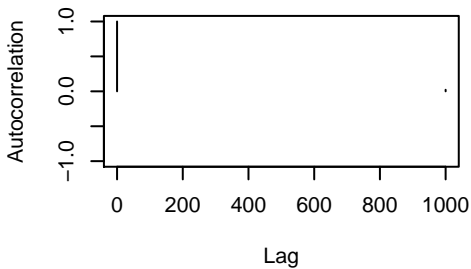
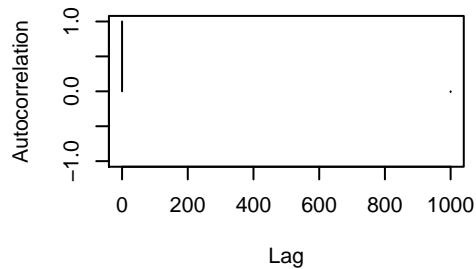
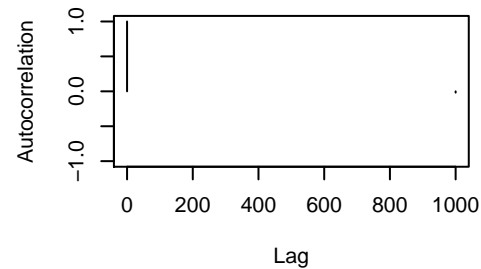
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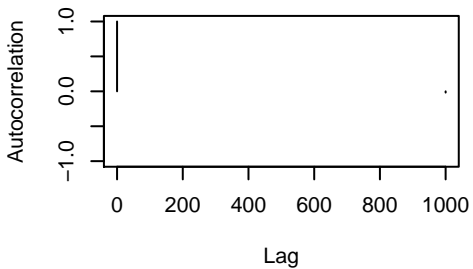
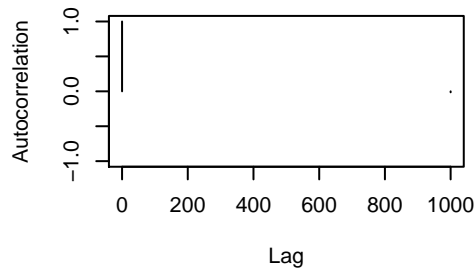
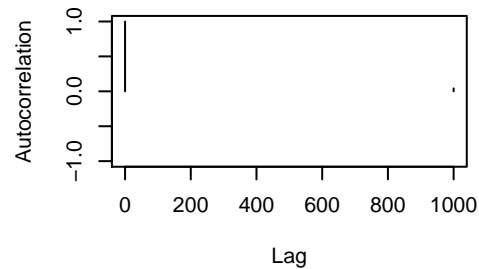
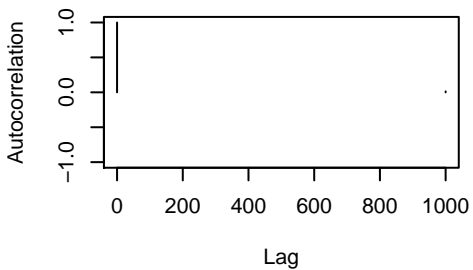
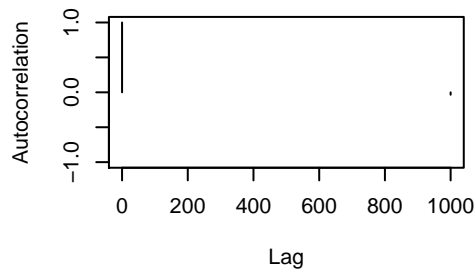
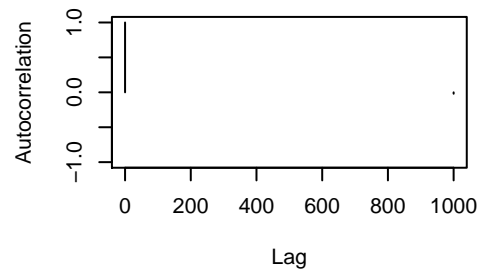
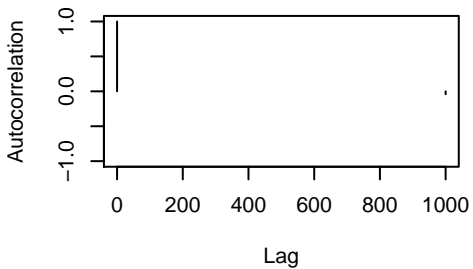
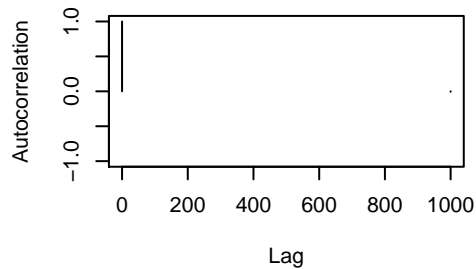
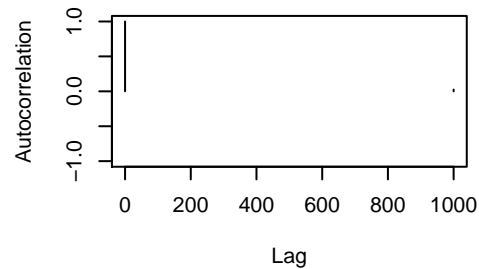
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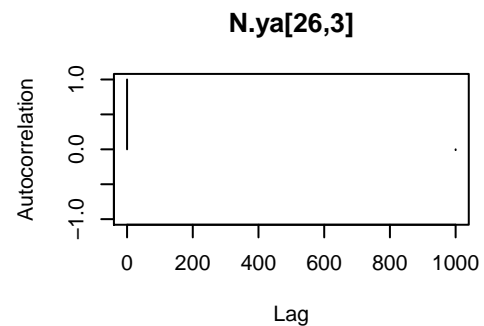
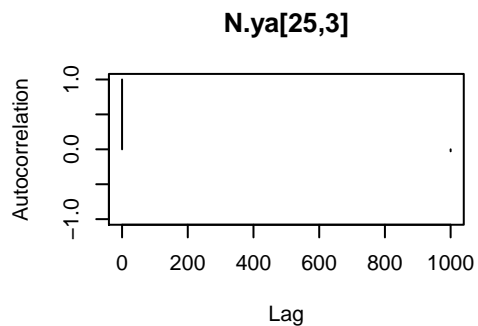
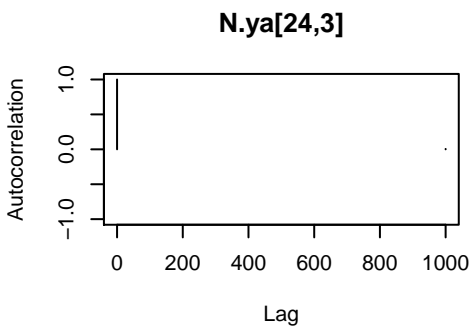
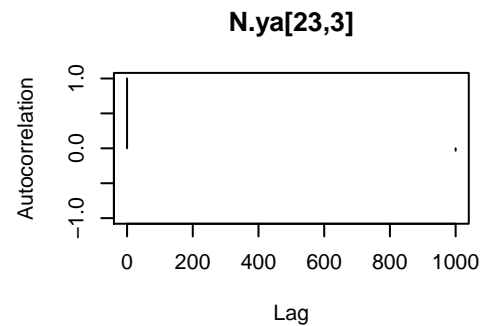
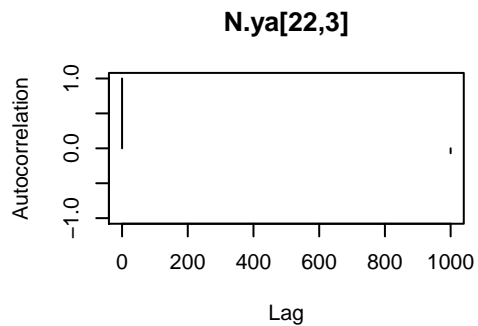
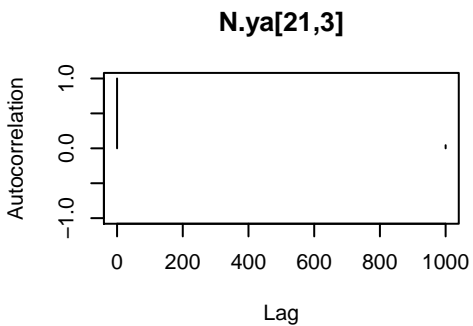
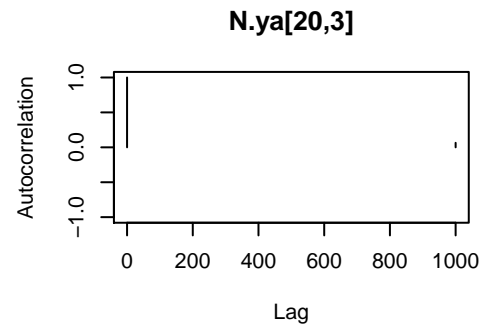
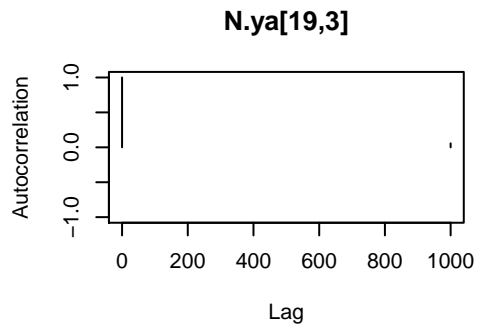
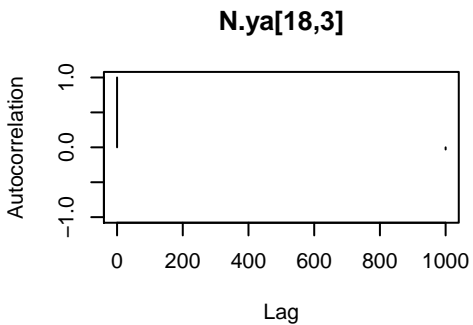
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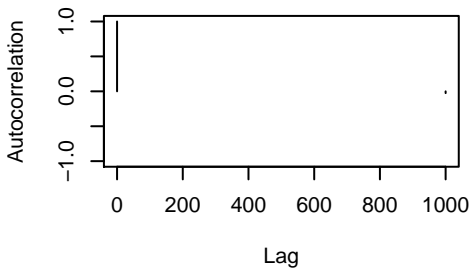
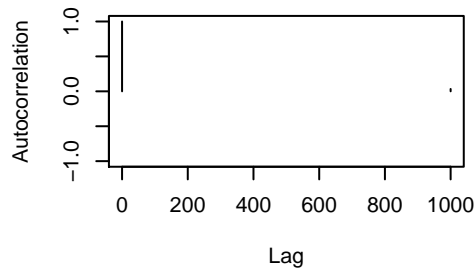
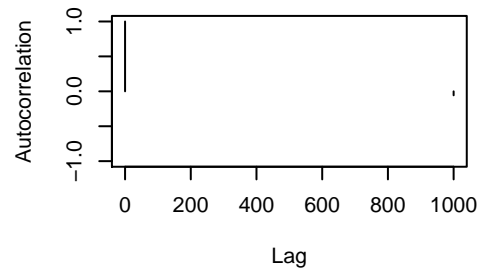
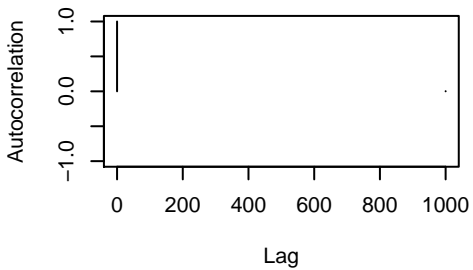
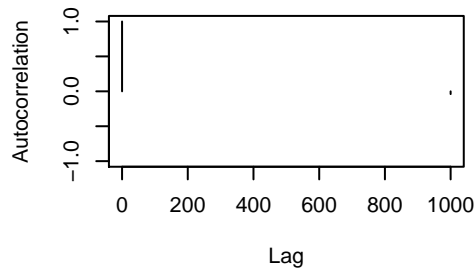
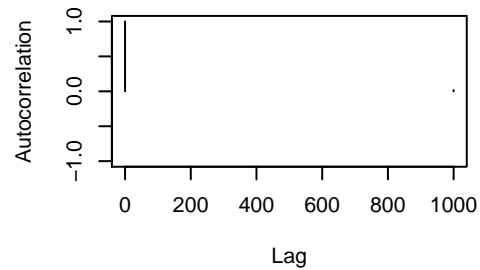
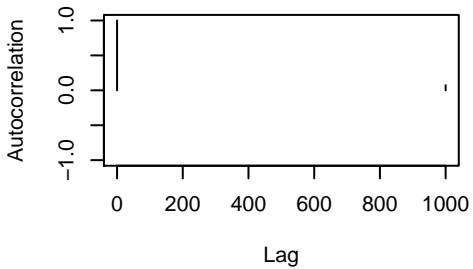
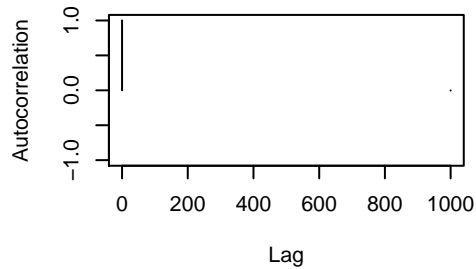
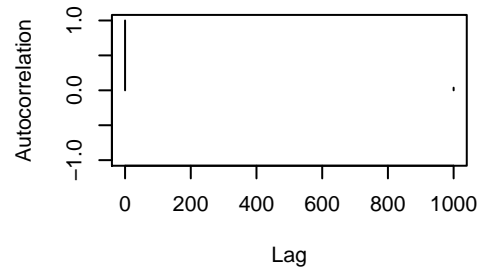
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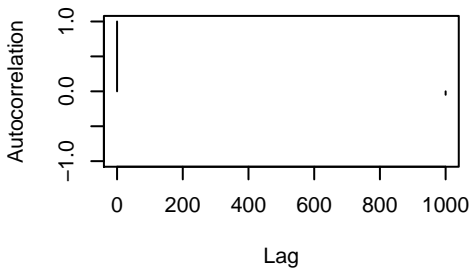
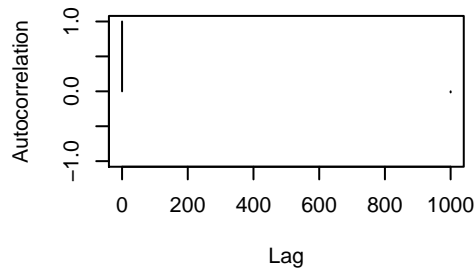
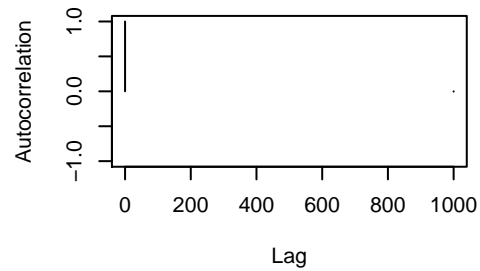
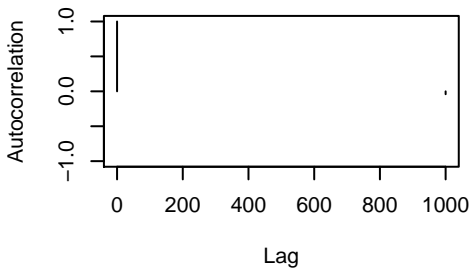
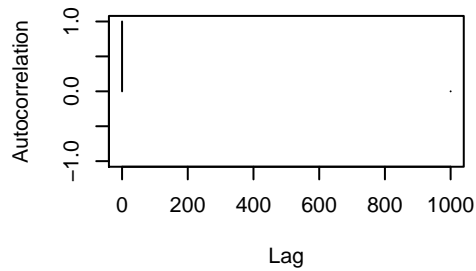
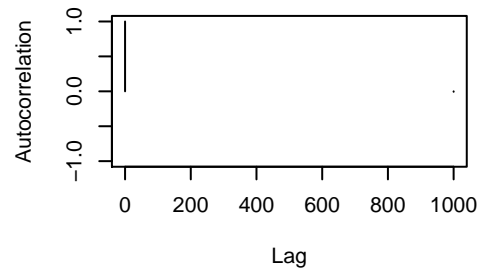
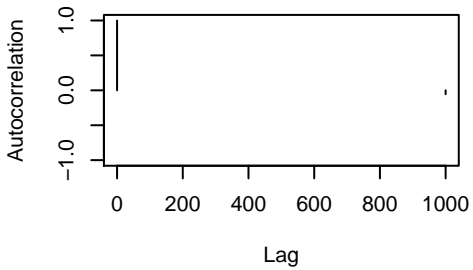
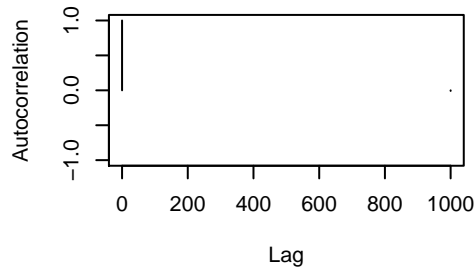
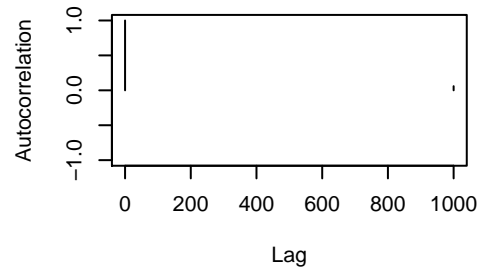
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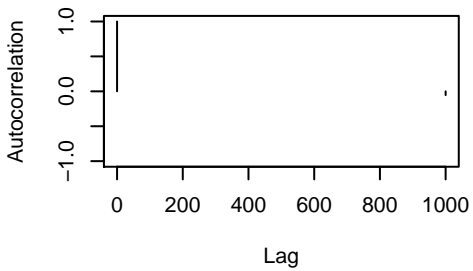
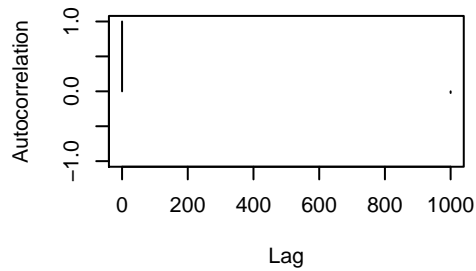
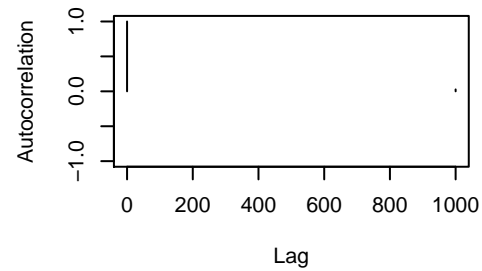
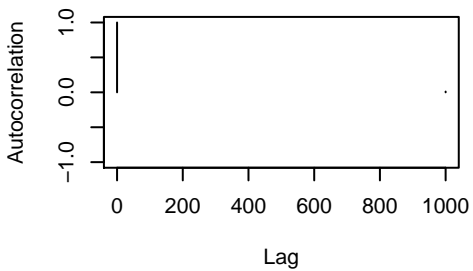
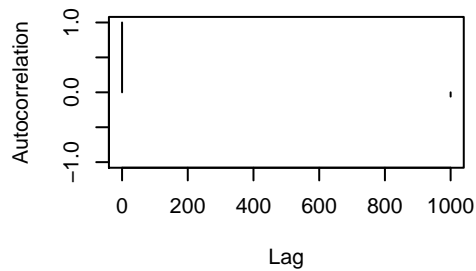
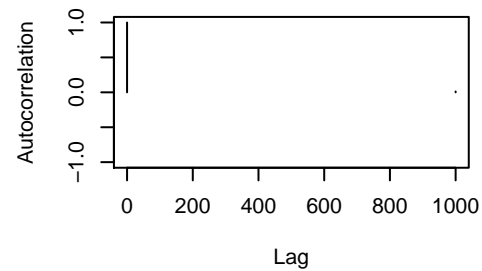
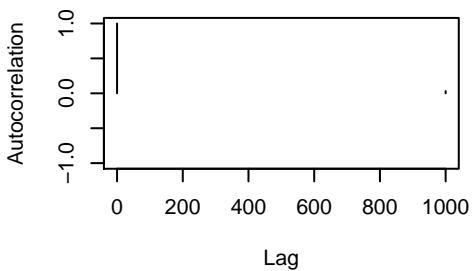
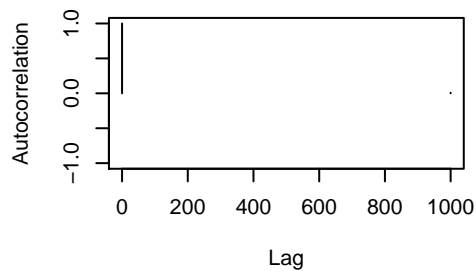
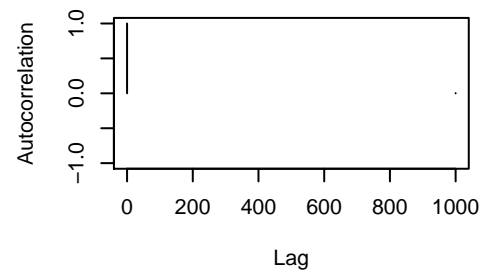
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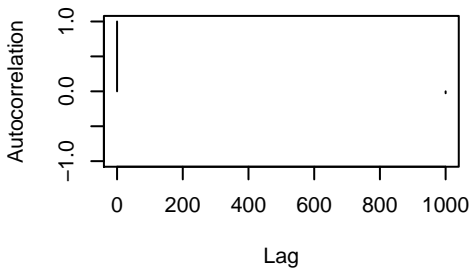
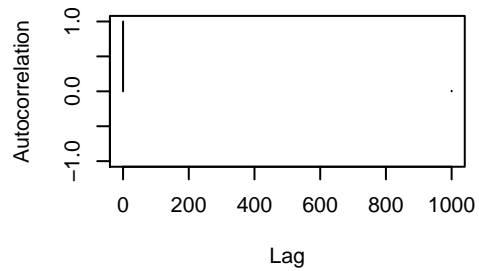
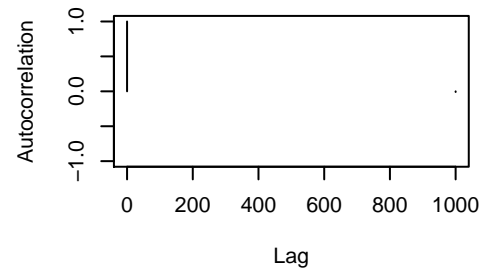
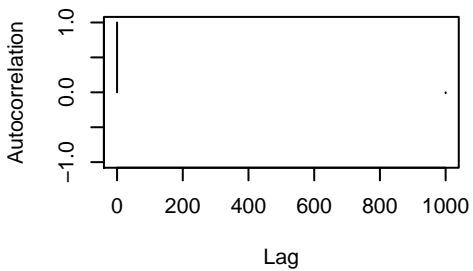
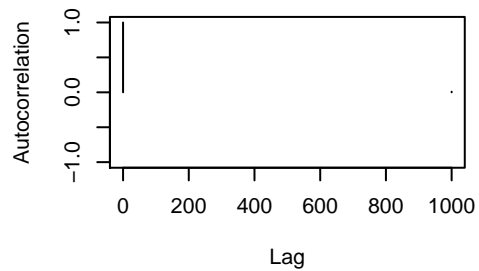
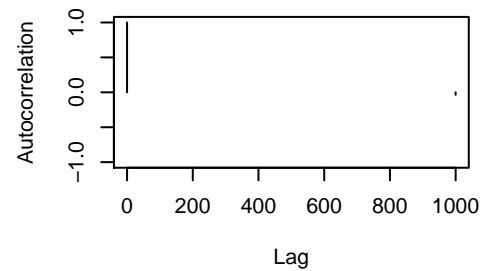
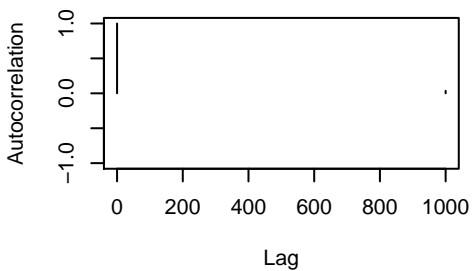
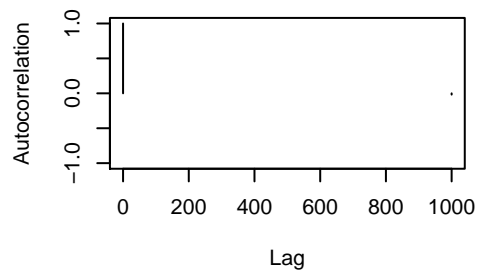
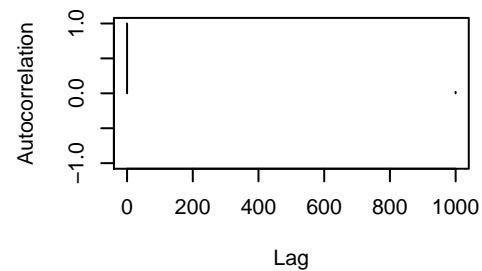
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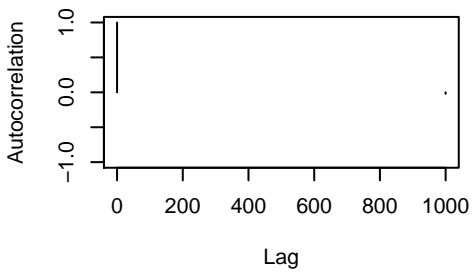
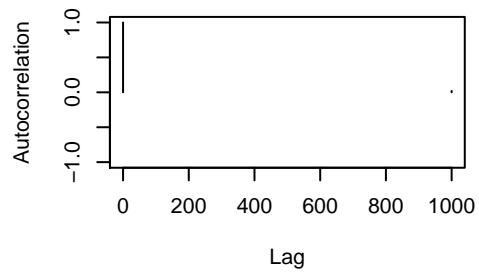
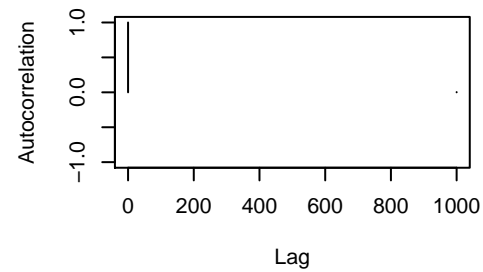
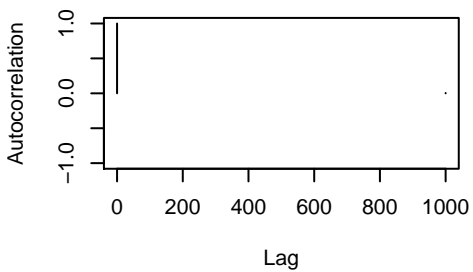
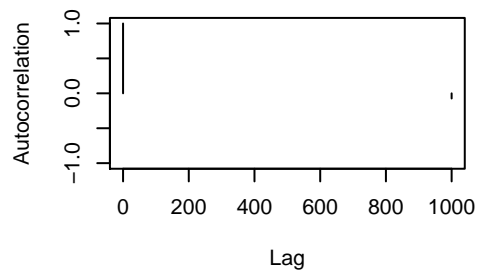
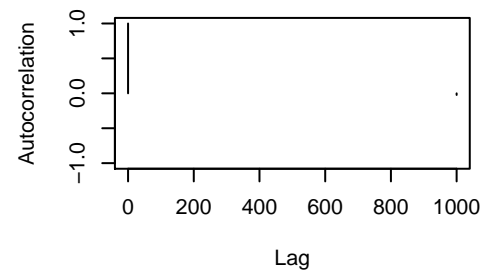
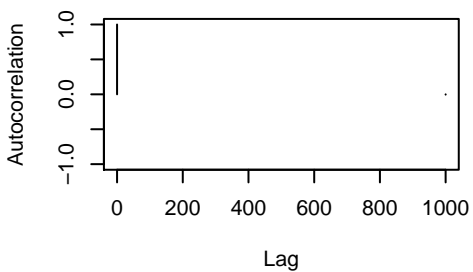
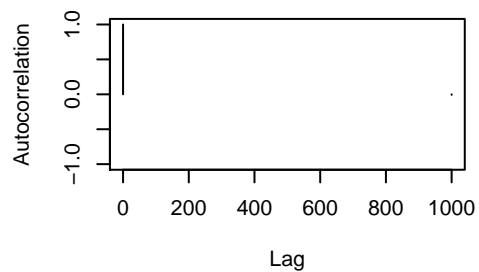
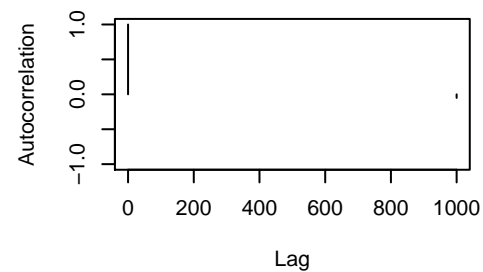


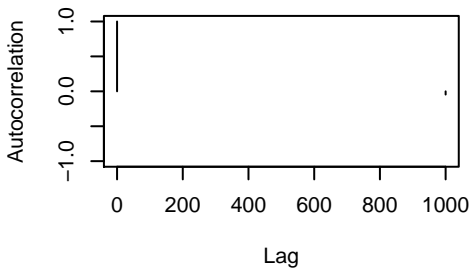
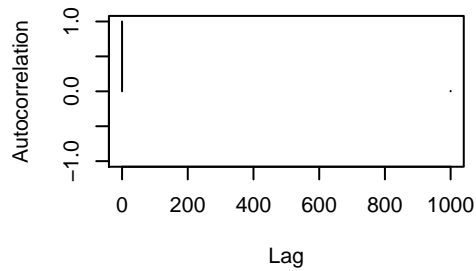
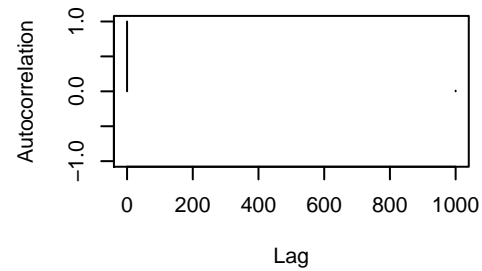
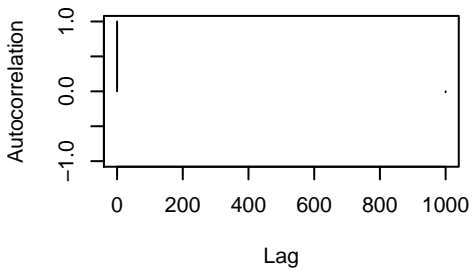
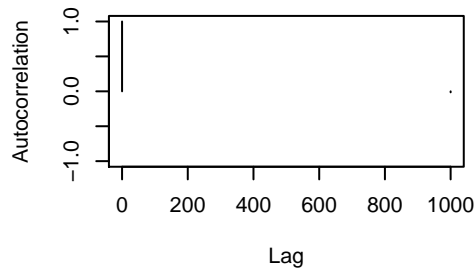
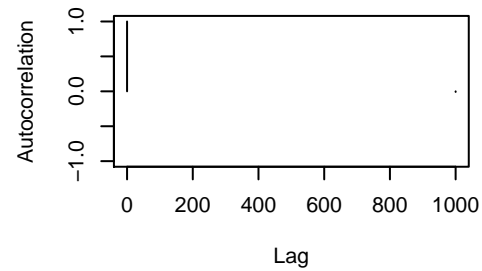
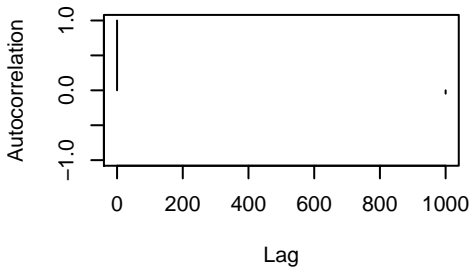
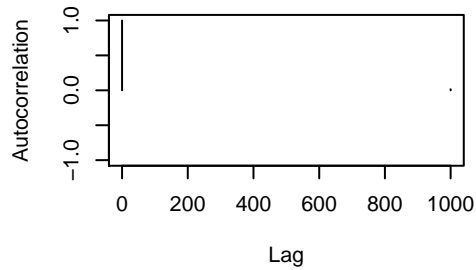
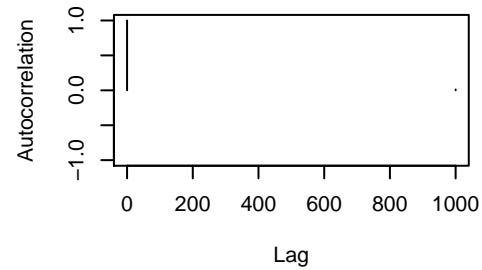
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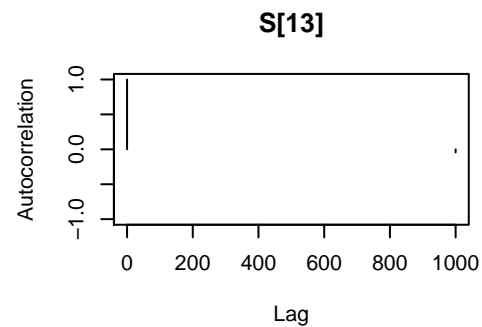
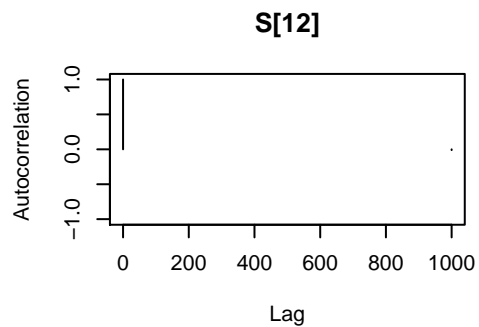
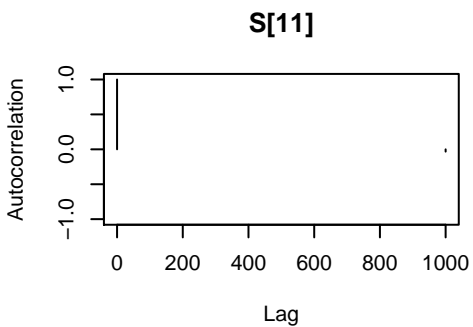
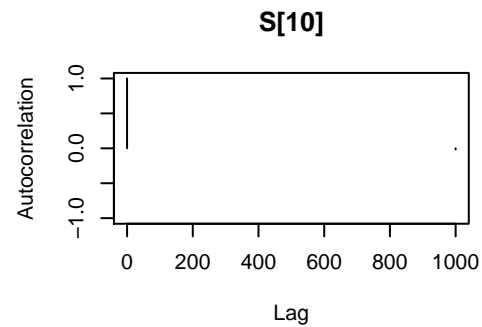
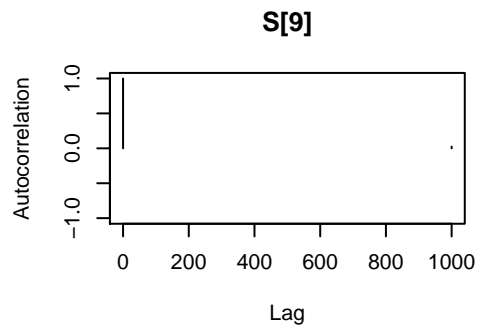
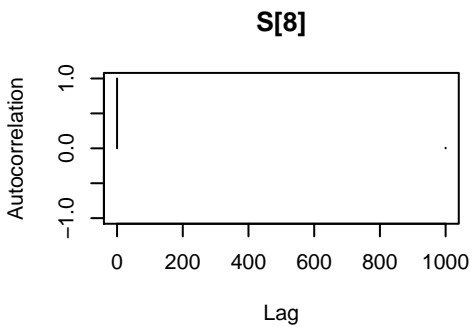
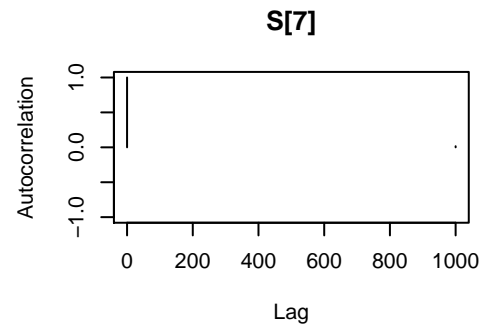
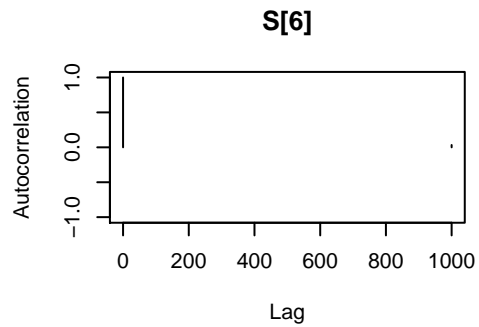
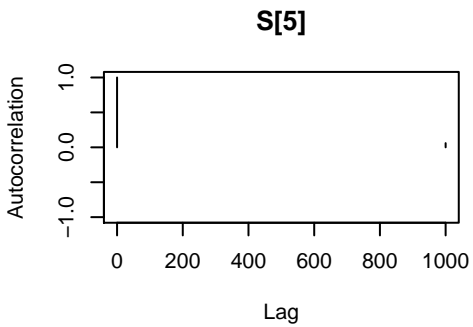
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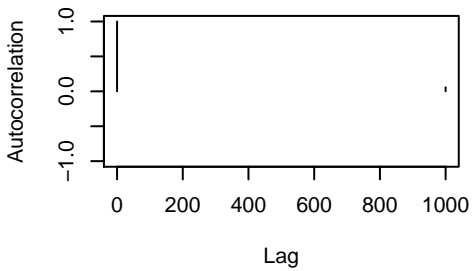
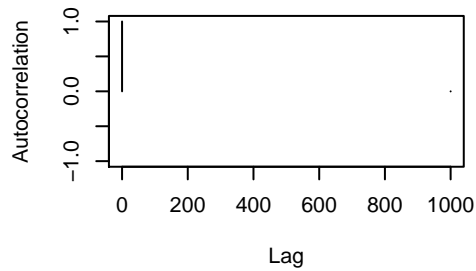
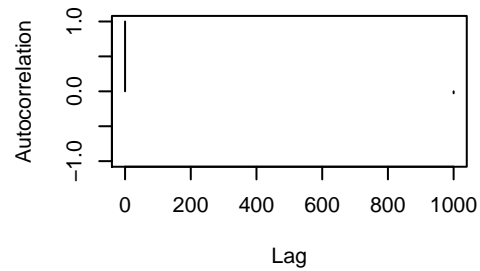
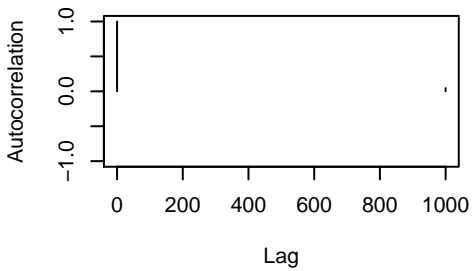
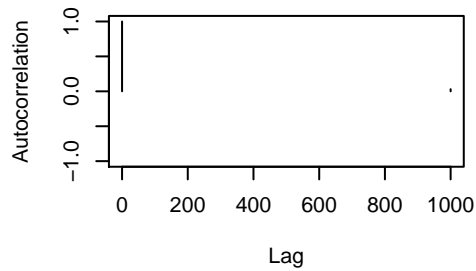
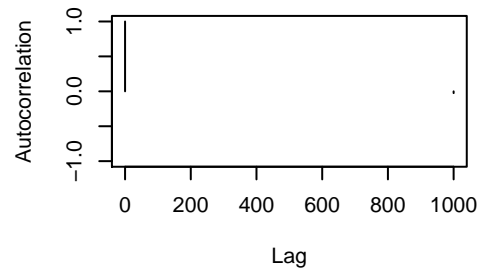
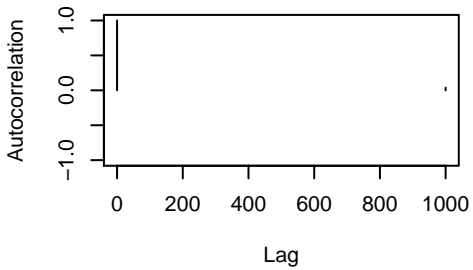
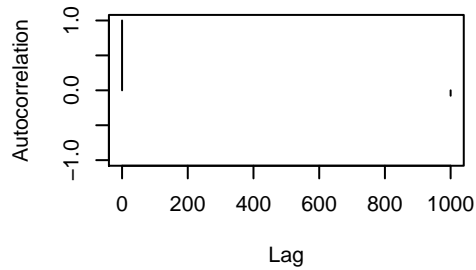
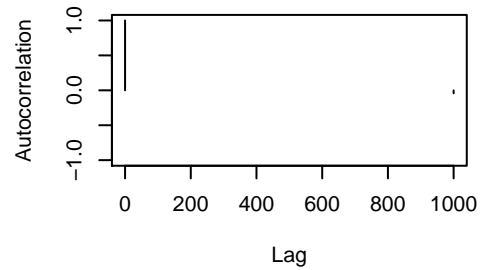
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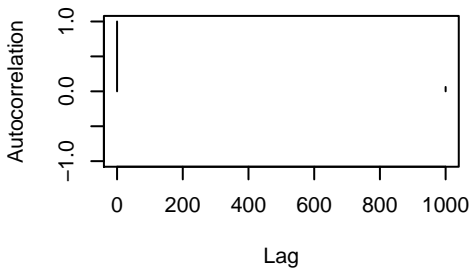
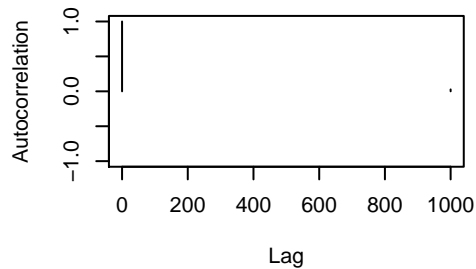
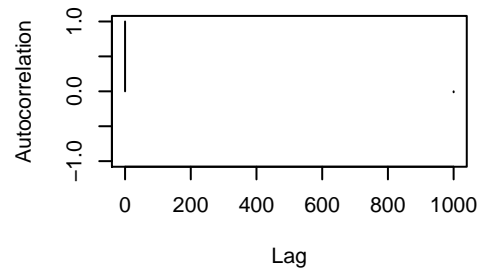
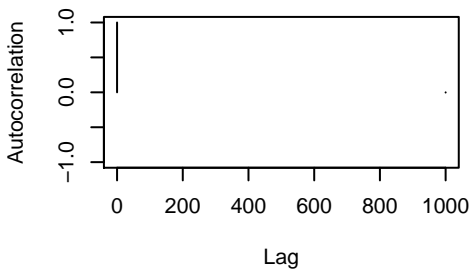
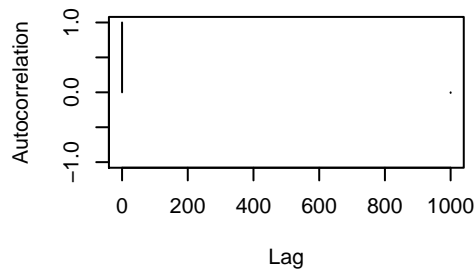
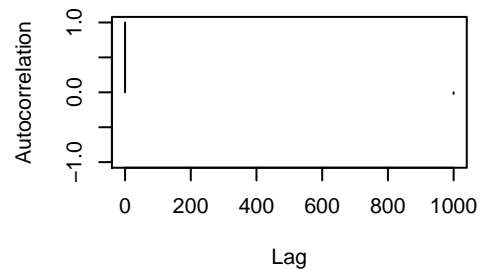
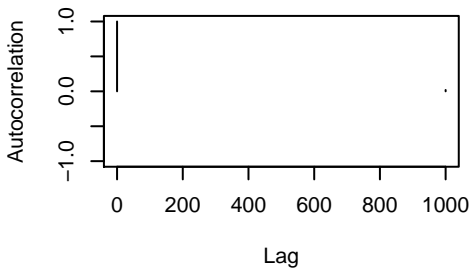
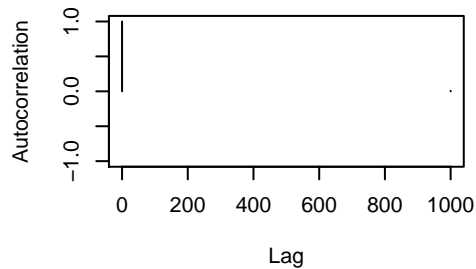
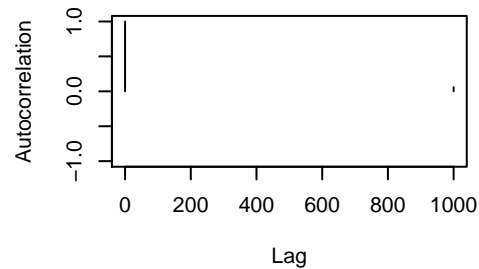
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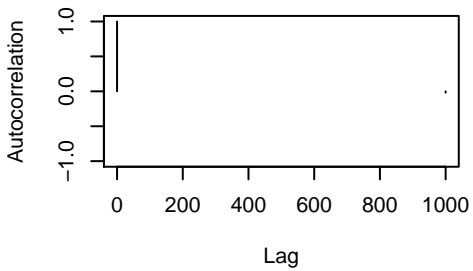
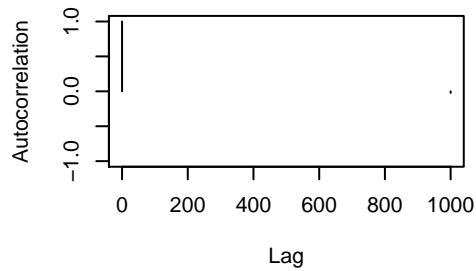
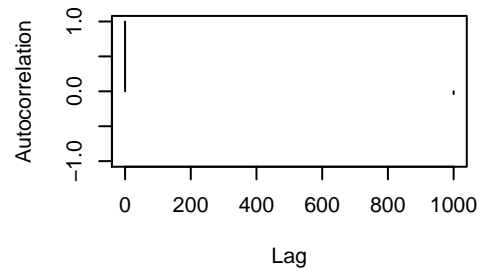
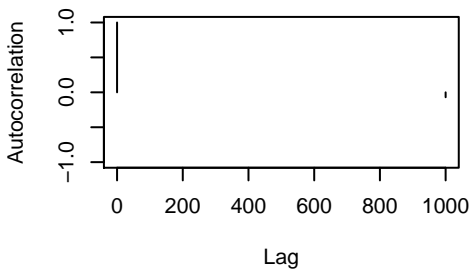
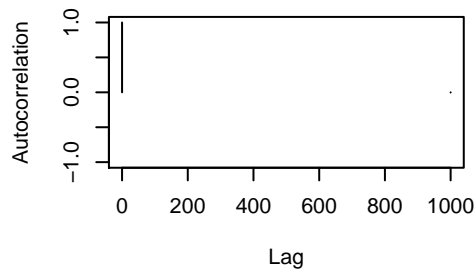
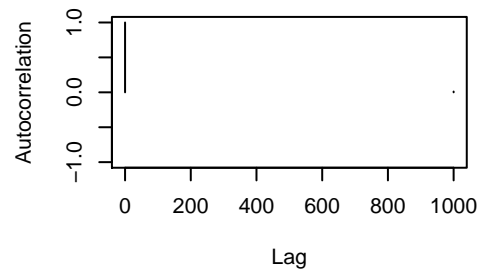
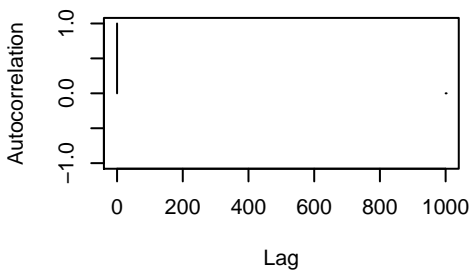
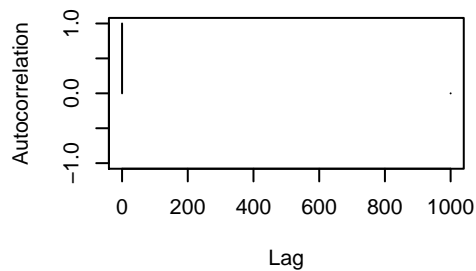
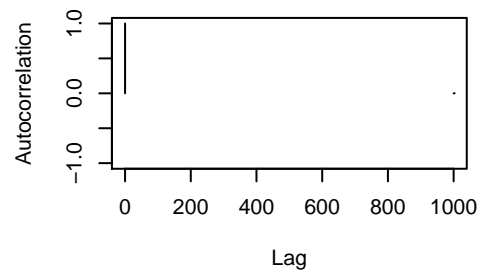
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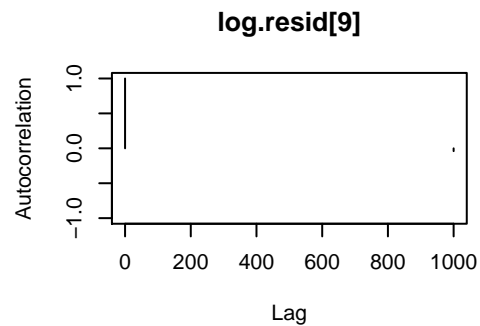
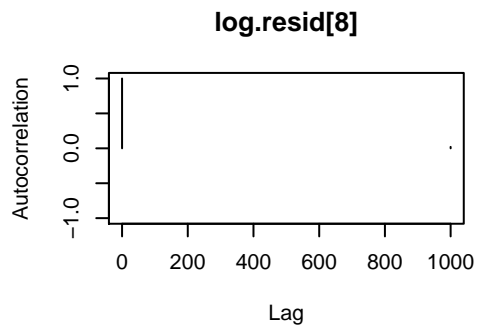
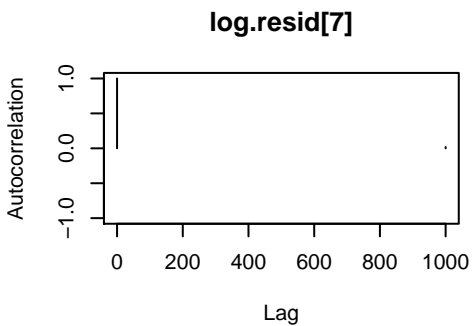
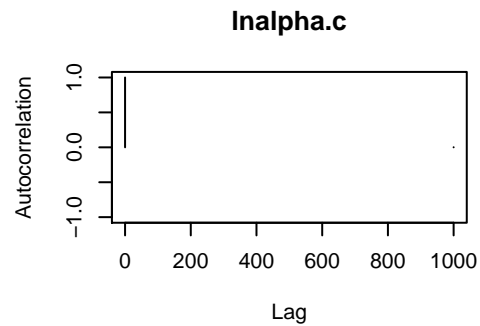
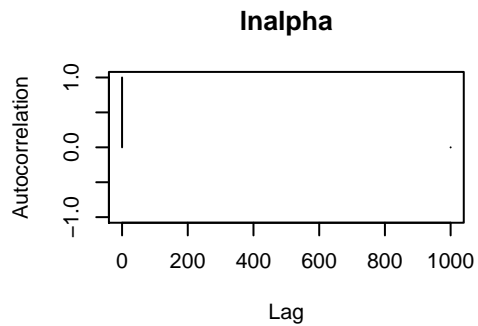
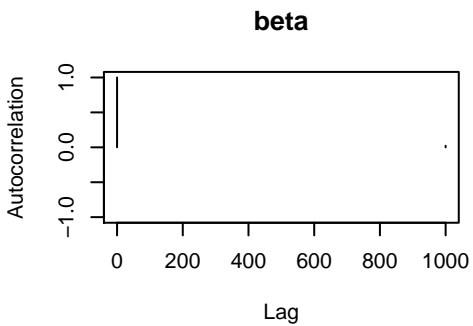
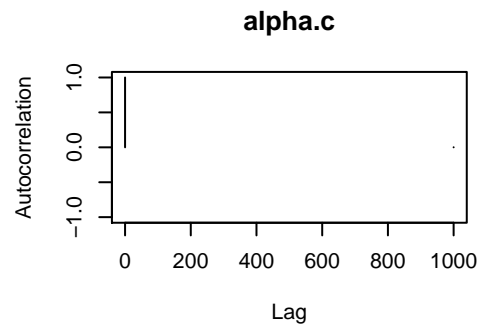
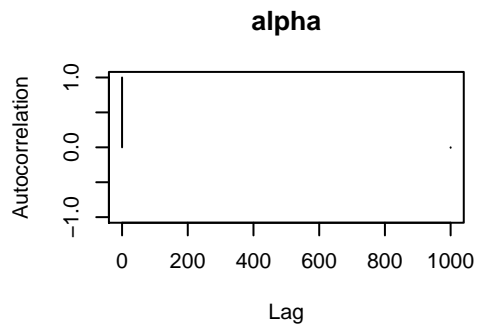
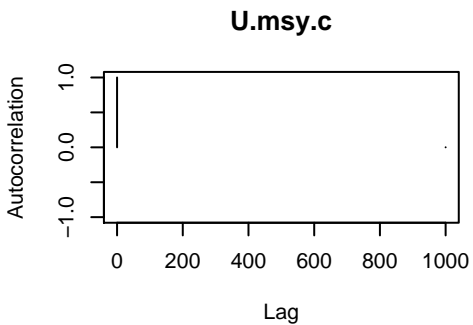
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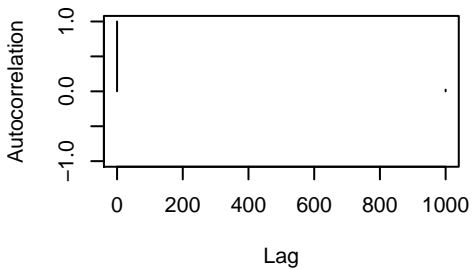
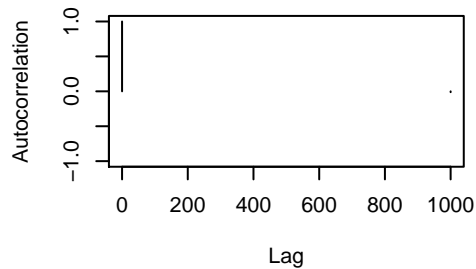
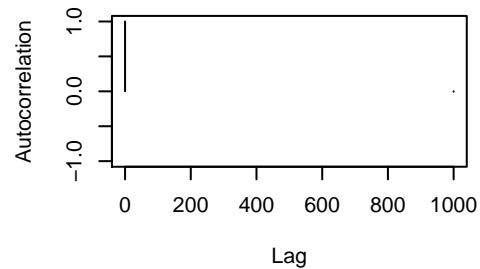
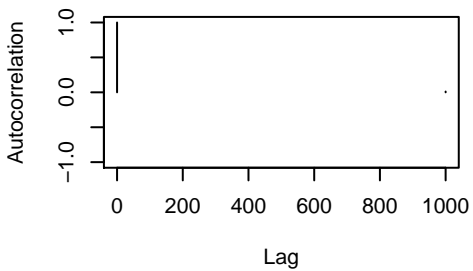
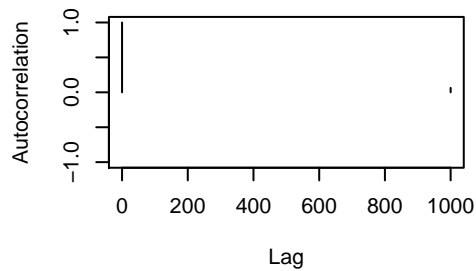
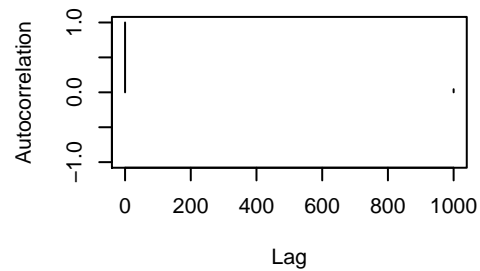
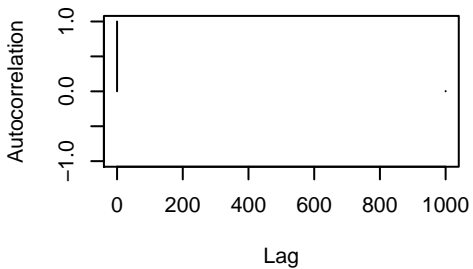
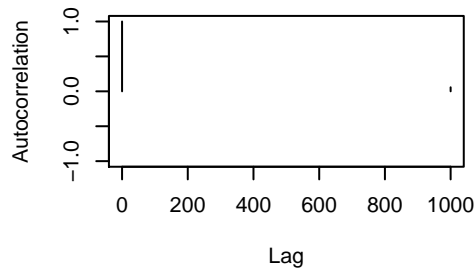
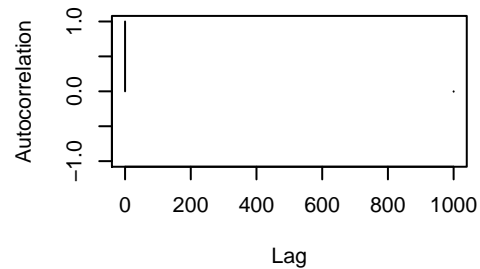


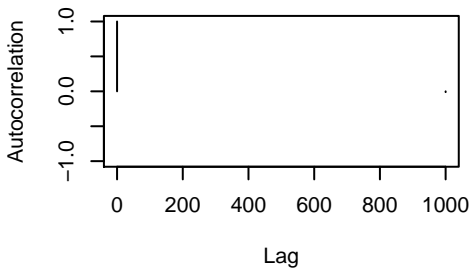
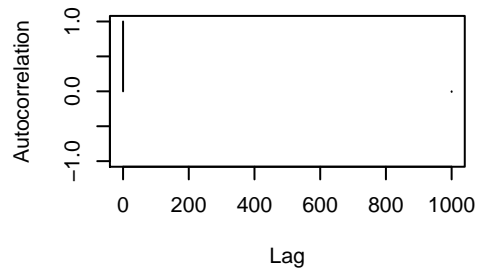
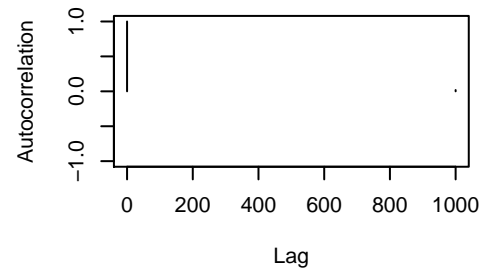
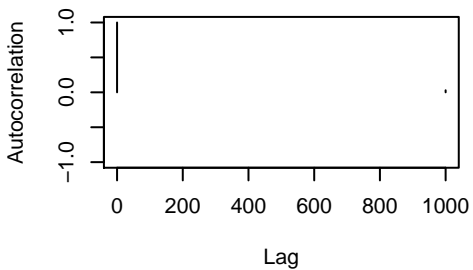
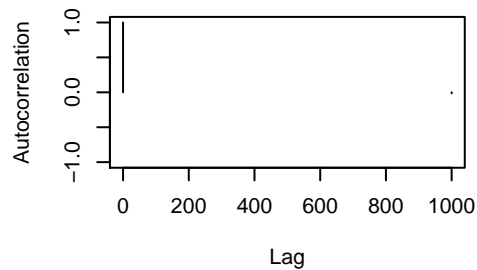
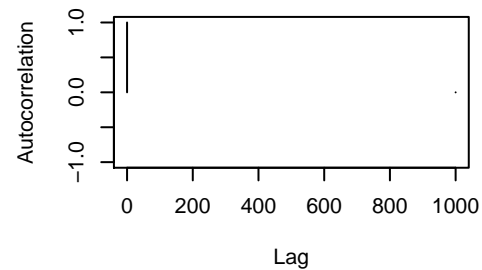
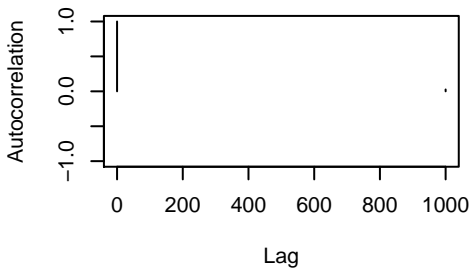
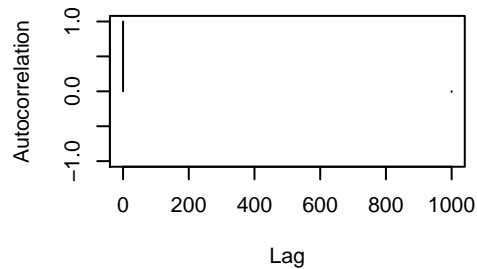
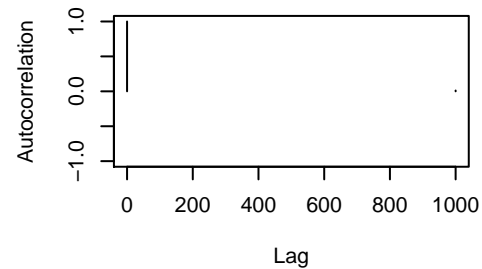
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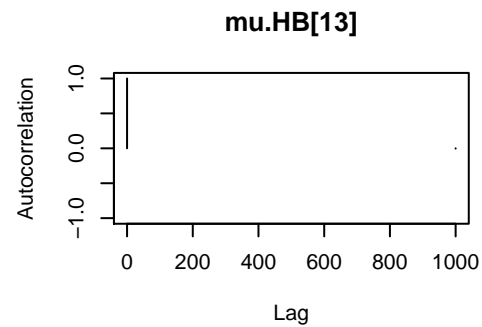
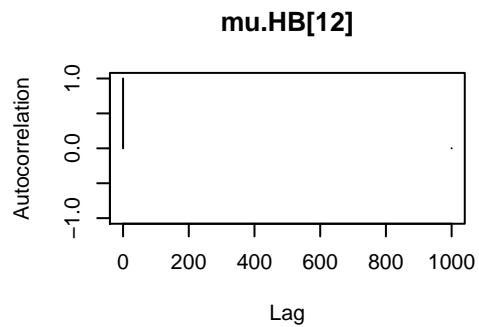
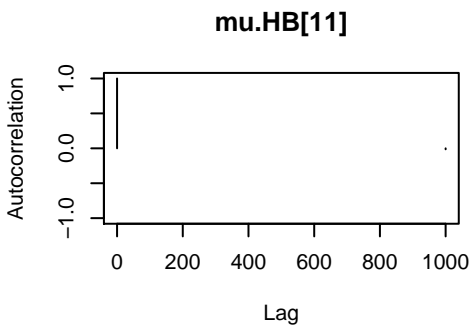
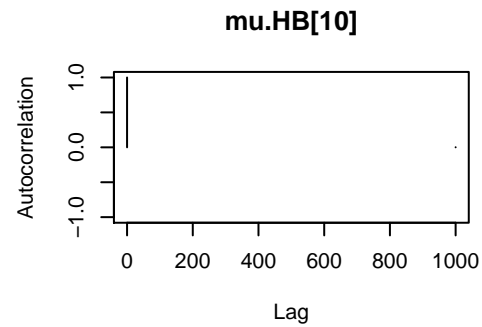
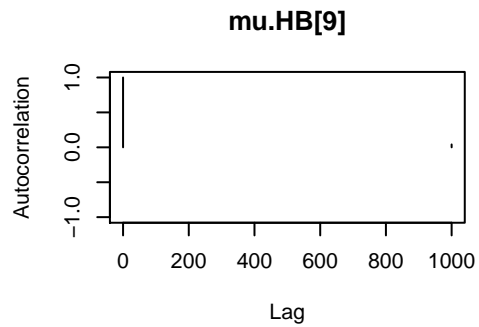
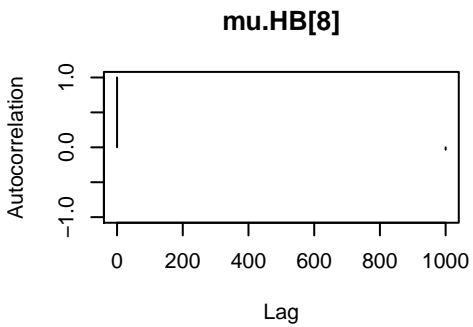
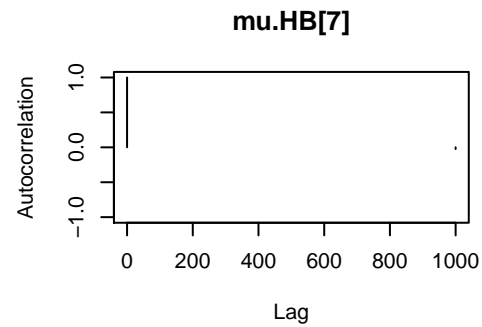
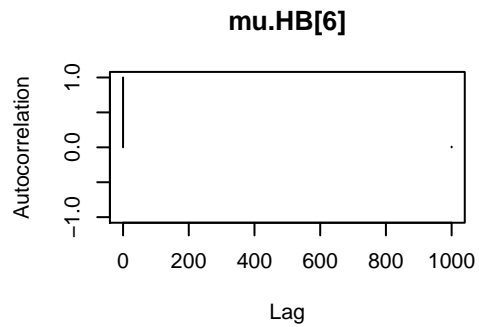
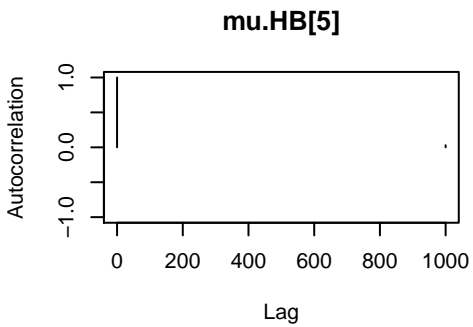
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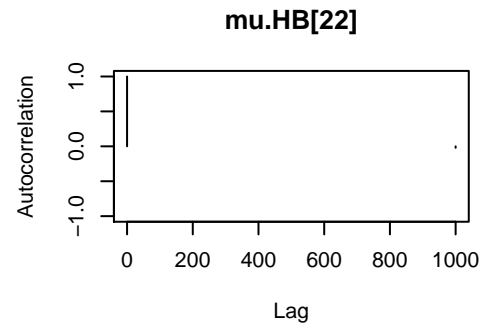
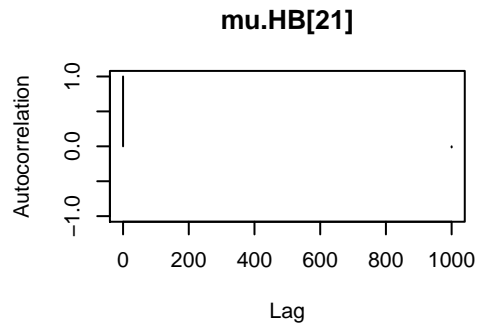
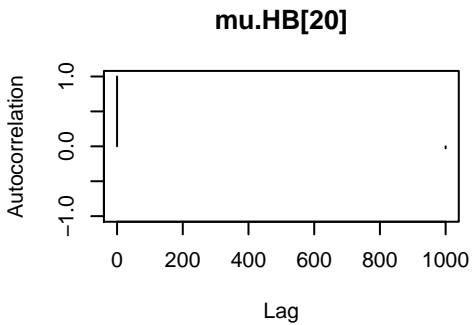
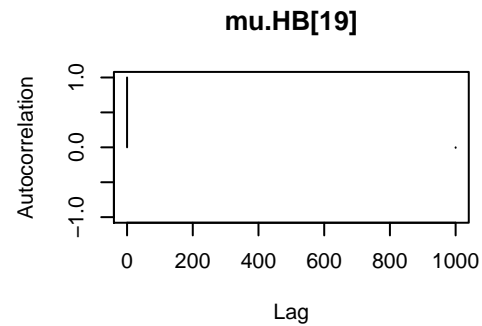
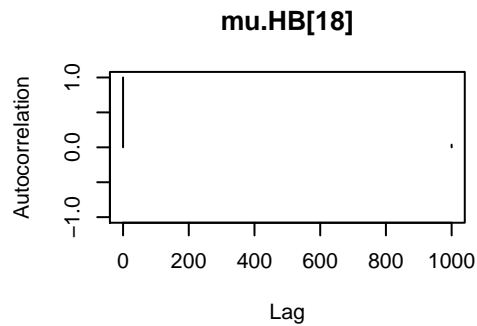
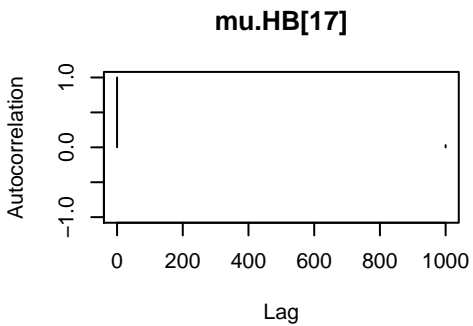
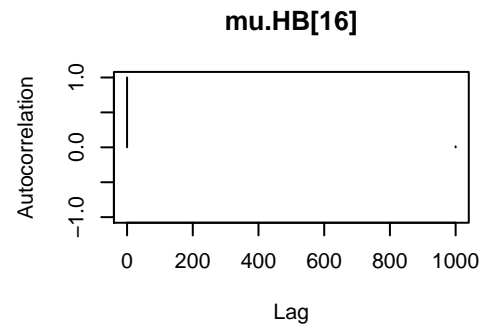
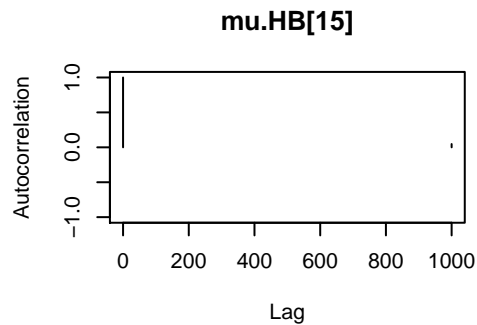
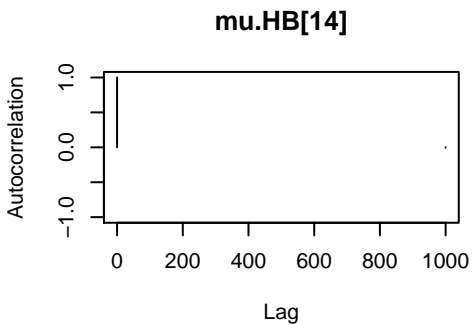
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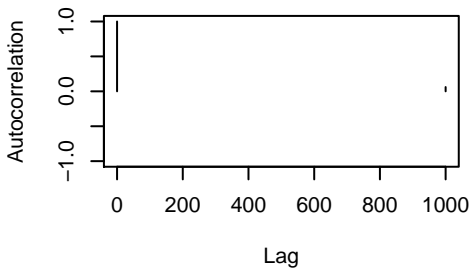
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log.resid[37]**log.resid[38]****log.resid[39]****log.resid.0****mean.log.R0****mu.HB[1]****mu.HB[2]****mu.HB[3]****mu.HB[4]**

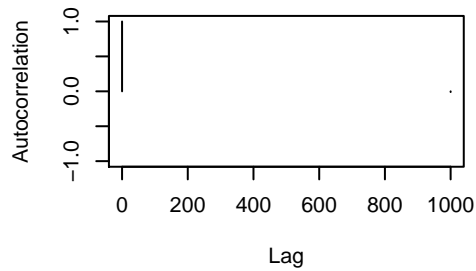




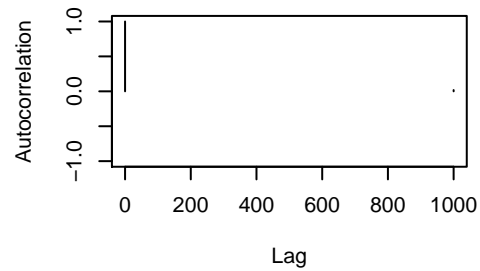
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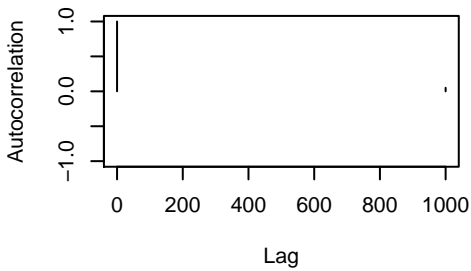
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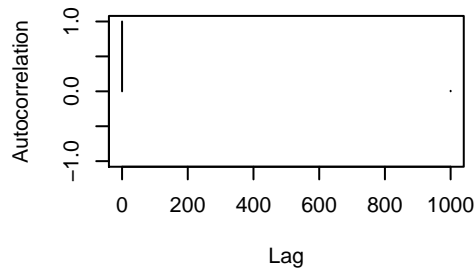
mu.HB[25]



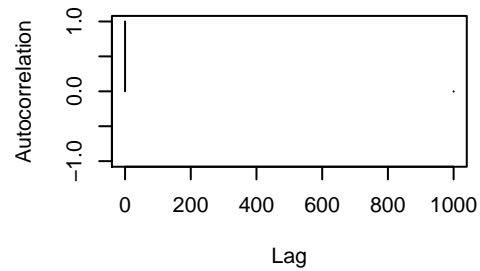
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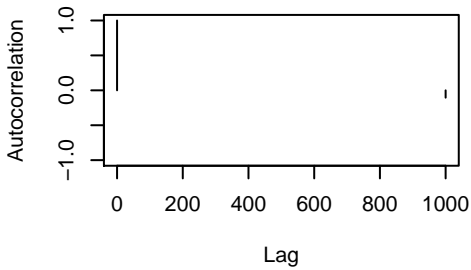
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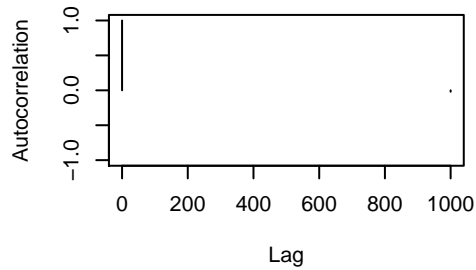
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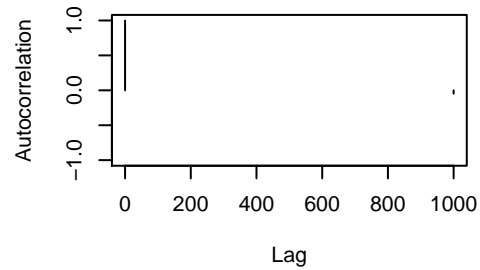
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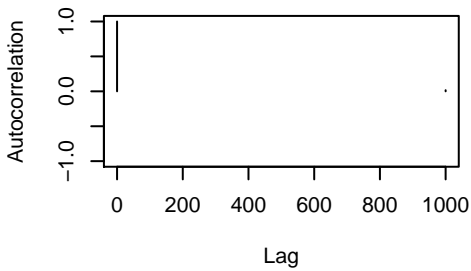
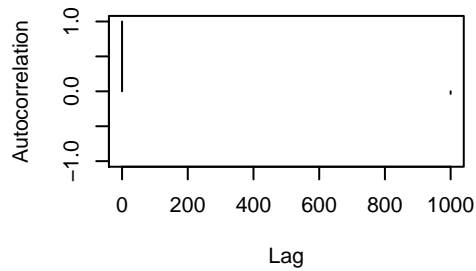
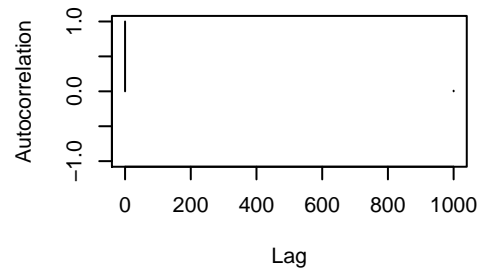
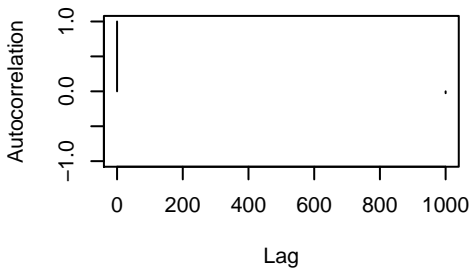
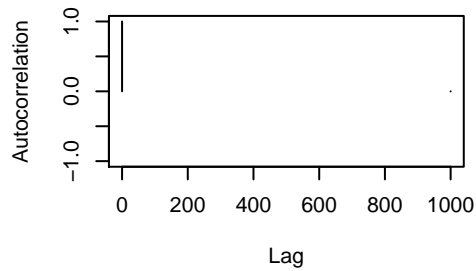
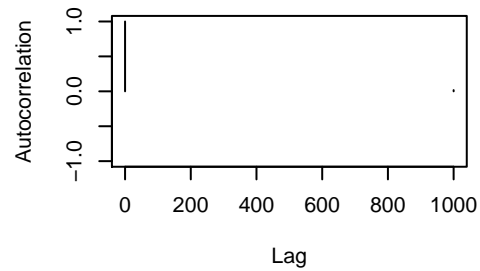
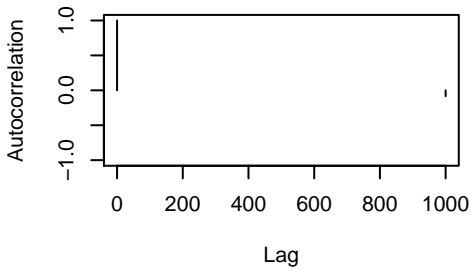
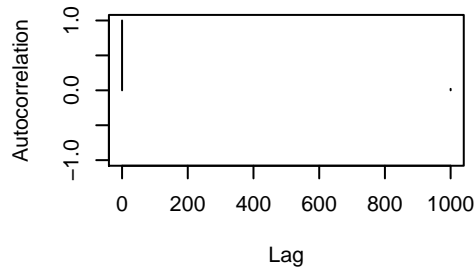
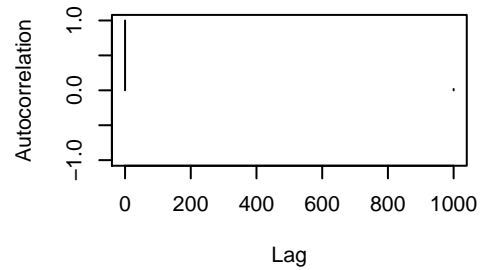


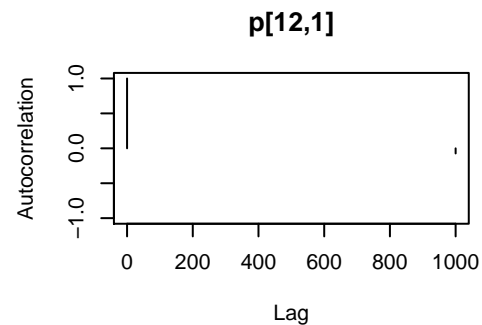
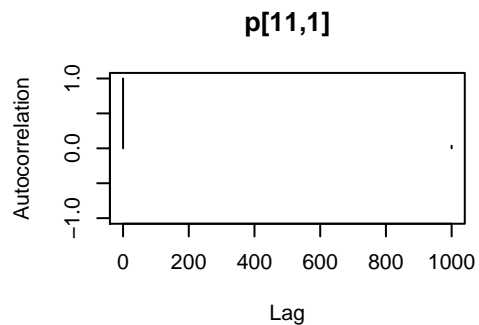
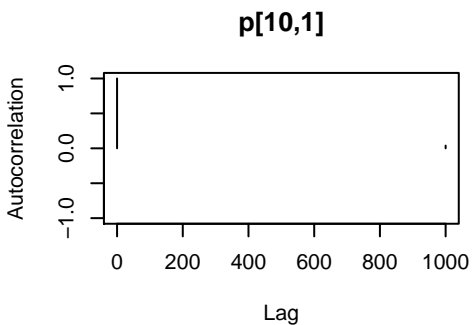
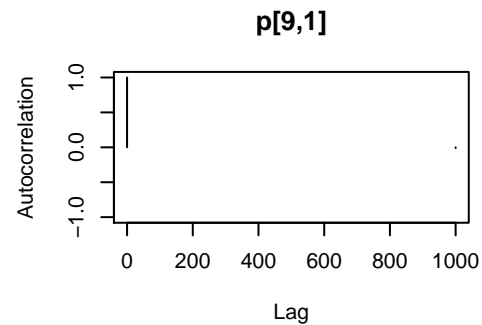
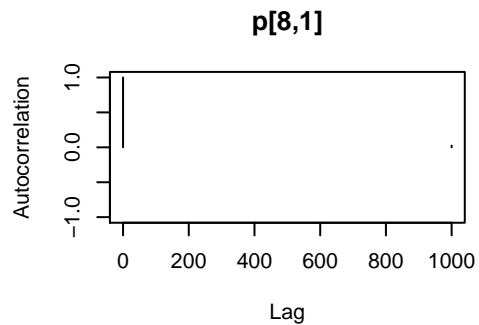
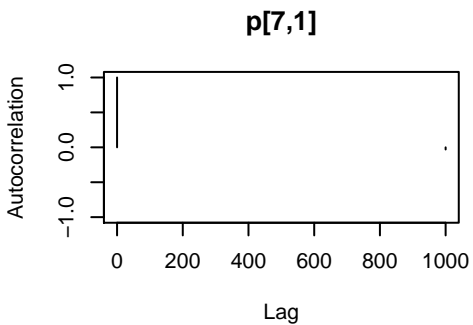
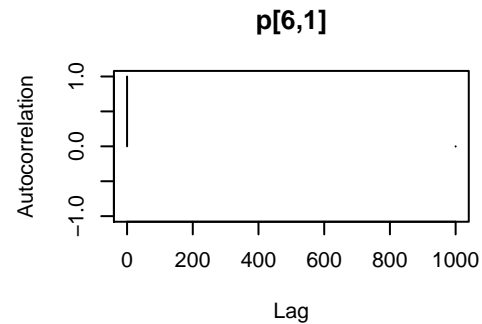
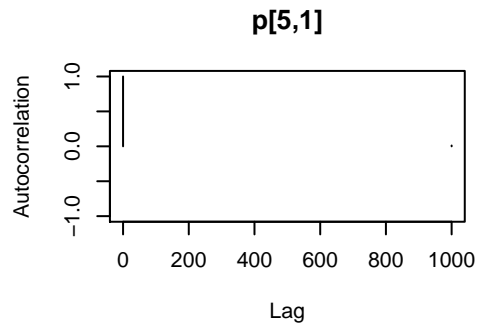
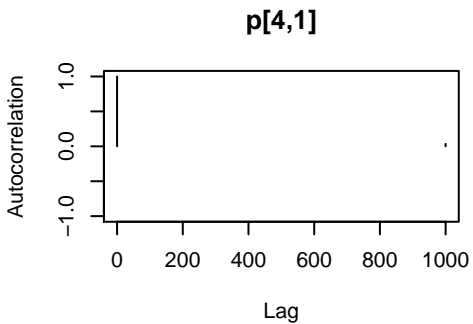
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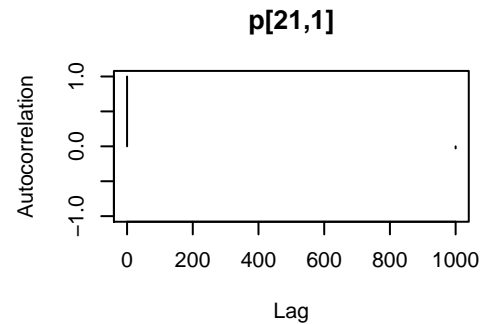
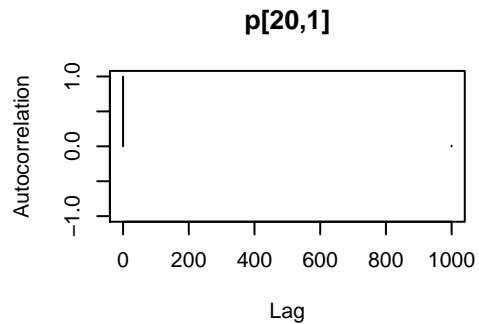
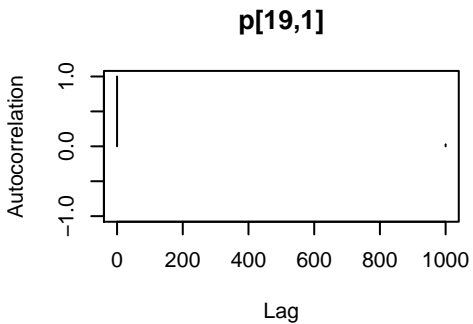
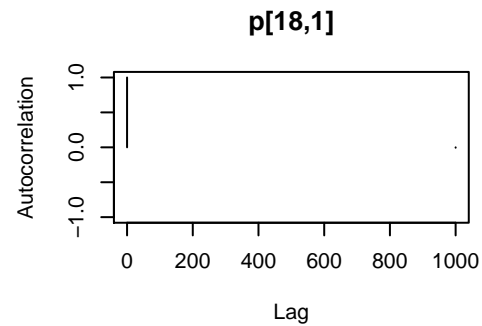
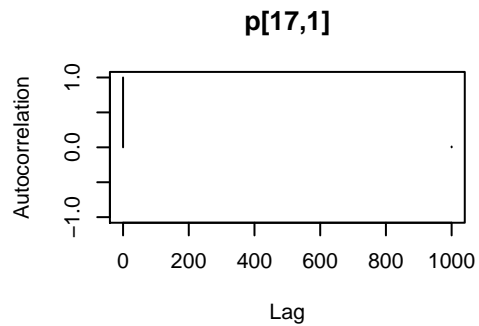
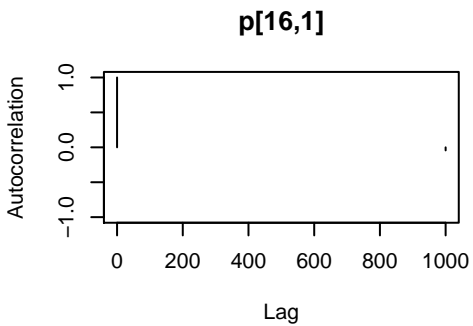
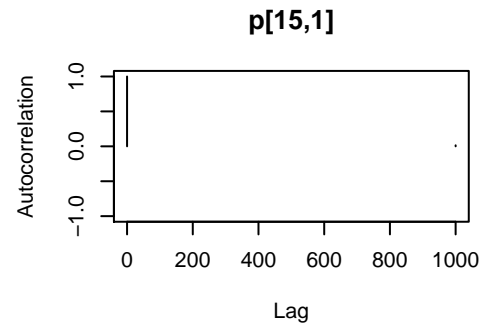
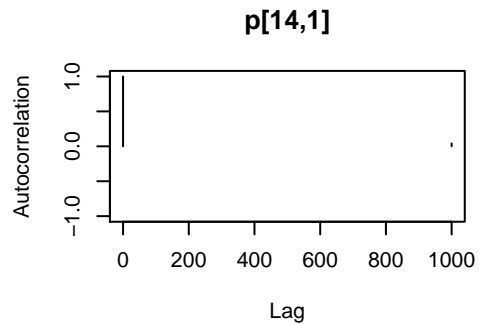
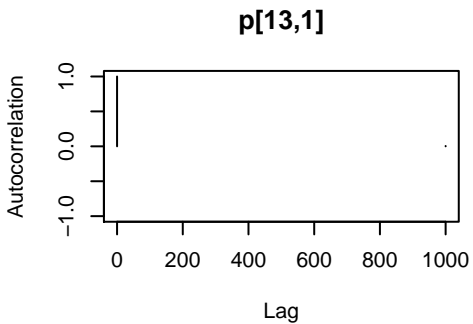


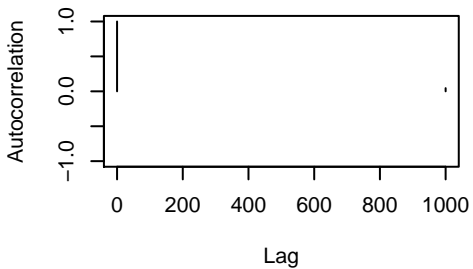
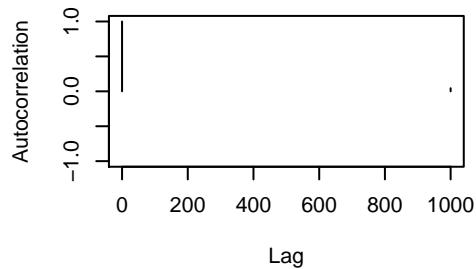
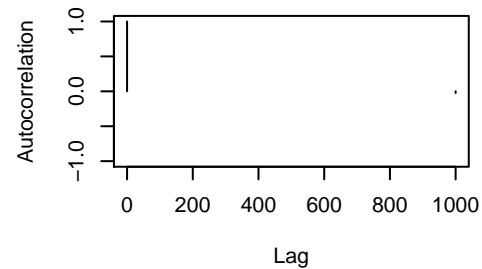
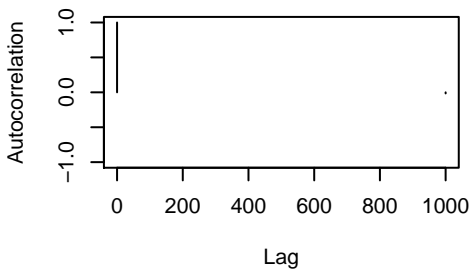
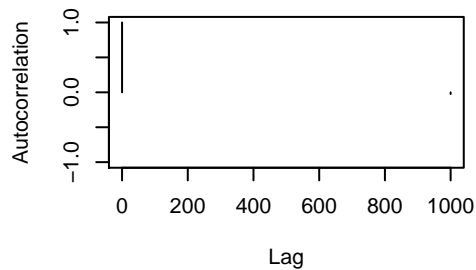
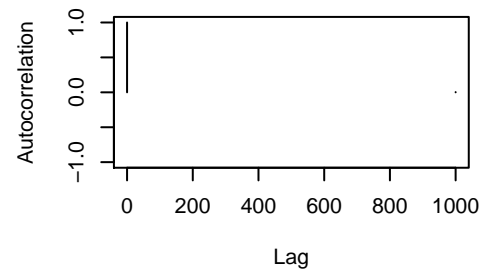
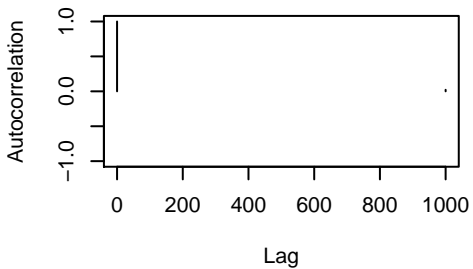
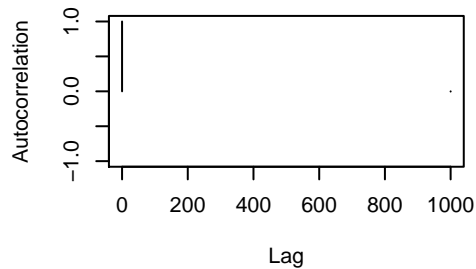
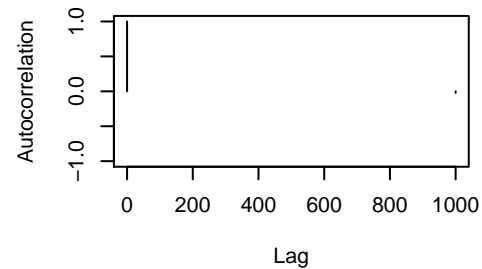
mu.HB[31]

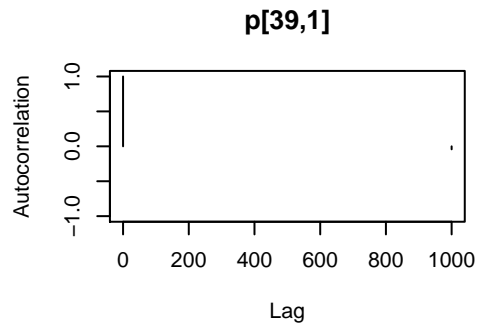
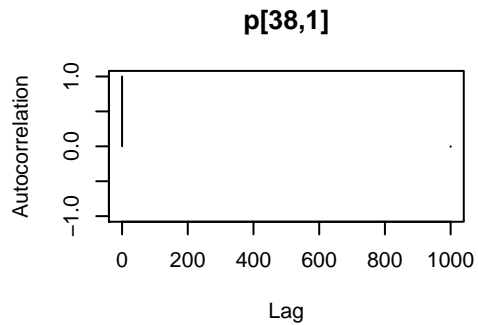
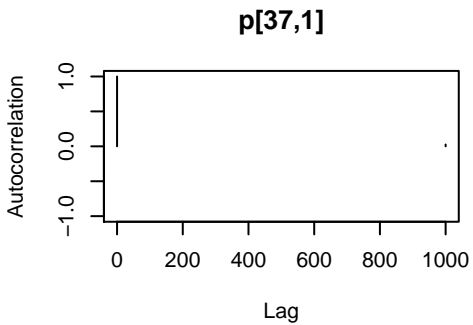
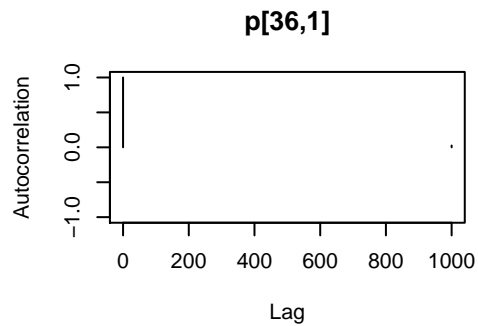
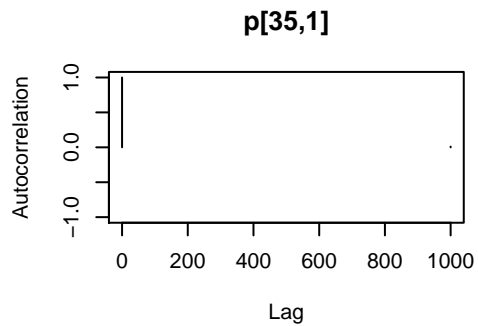
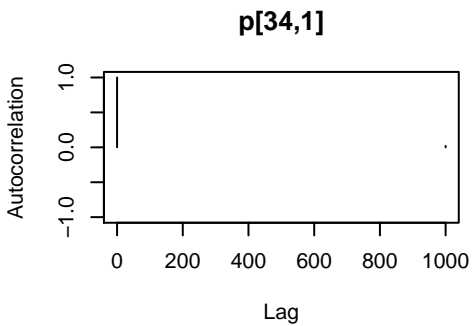
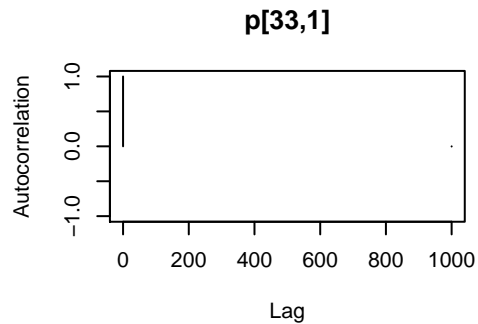
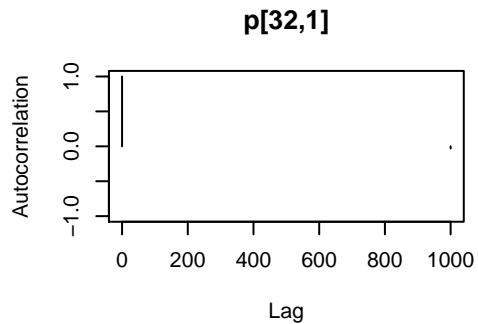
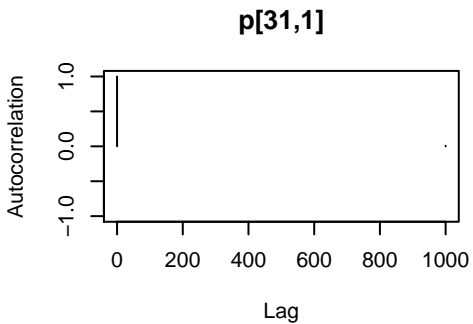


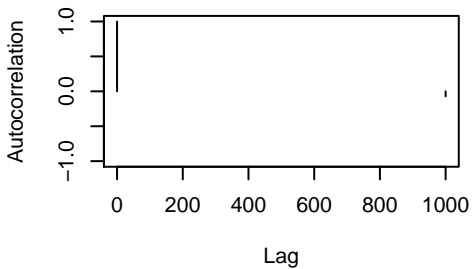
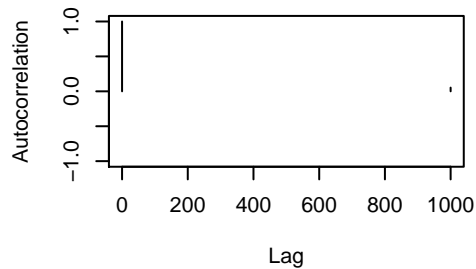
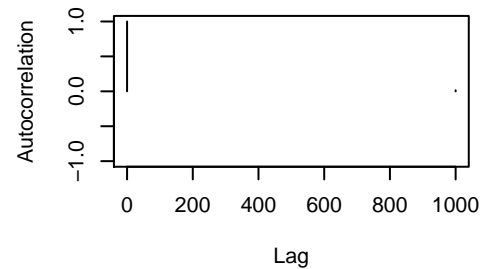
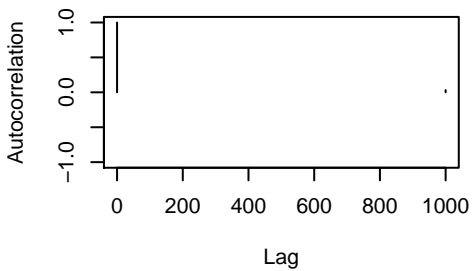
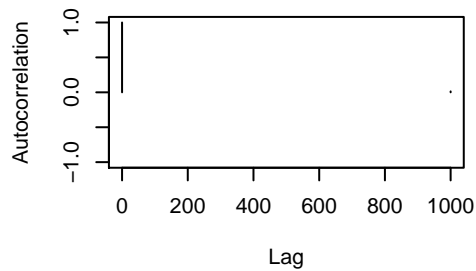
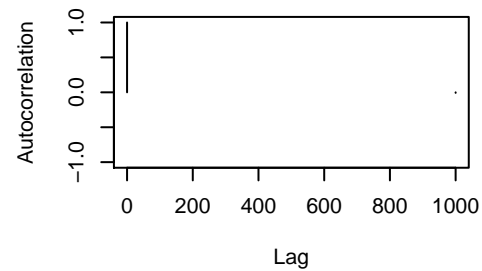
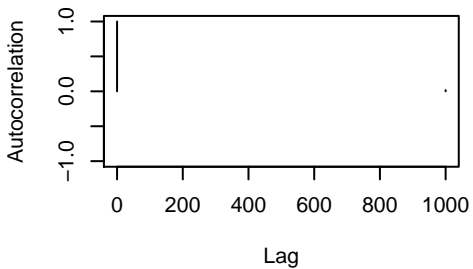
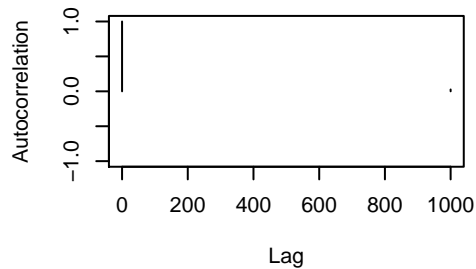
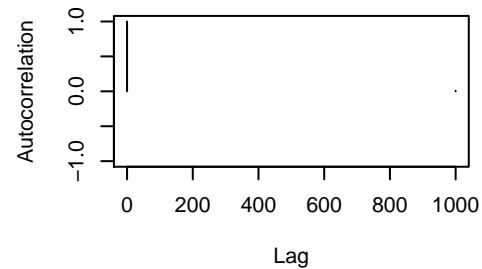
mu.HB[32]**mu.HB[33]****mu.HB[34]****mu.HB[35]****mu.HB[36]****mu.HB[37]****p[1,1]****p[2,1]****p[3,1]**



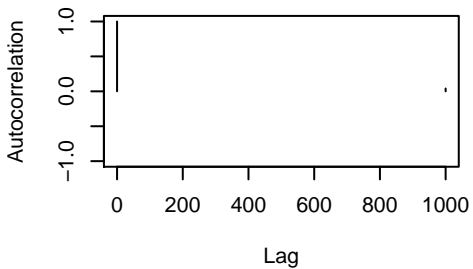


p[22,1]**p[23,1]****p[24,1]****p[25,1]****p[26,1]****p[27,1]****p[28,1]****p[29,1]****p[30,1]**

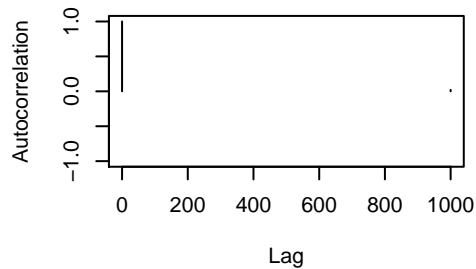


p[1,2]**p[2,2]****p[3,2]****p[4,2]****p[5,2]****p[6,2]****p[7,2]****p[8,2]****p[9,2]**

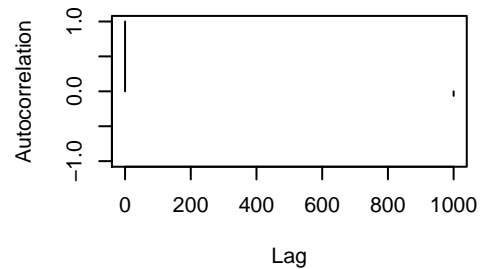
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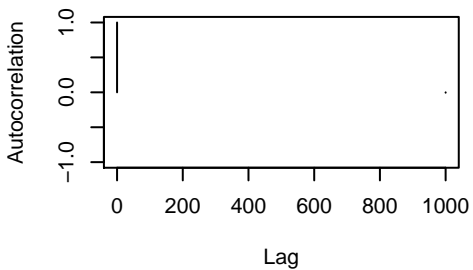
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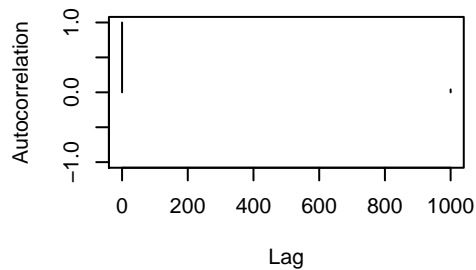
p[12,2]



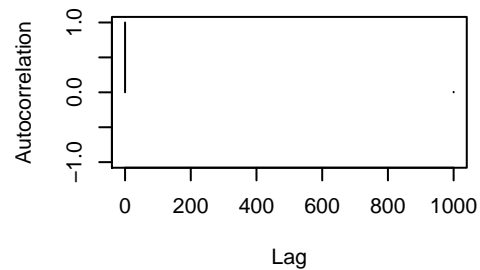
p[13,2]



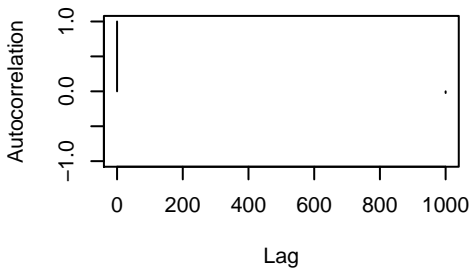
p[14,2]



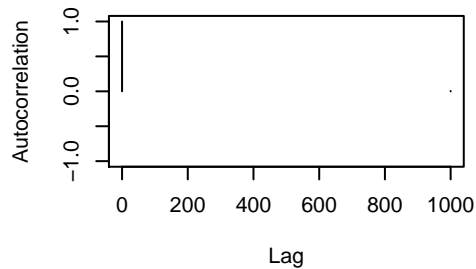
p[15,2]



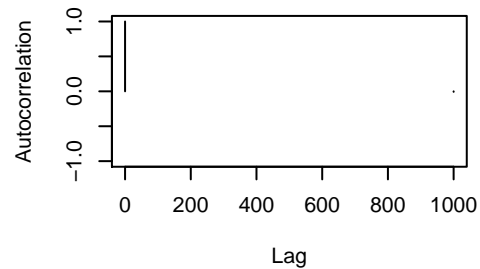
p[16,2]



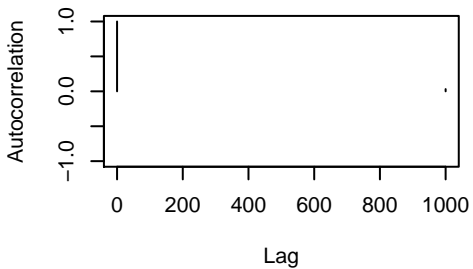
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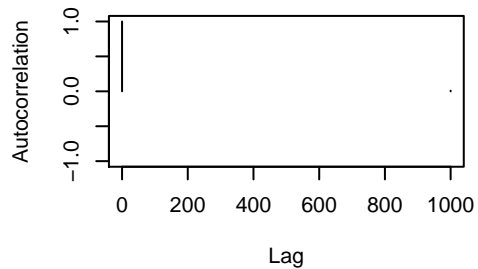
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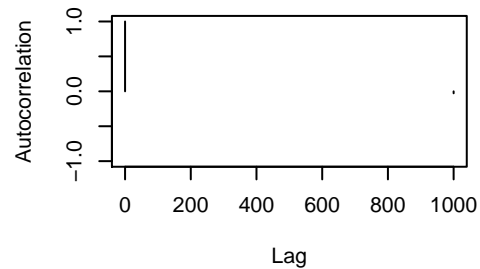
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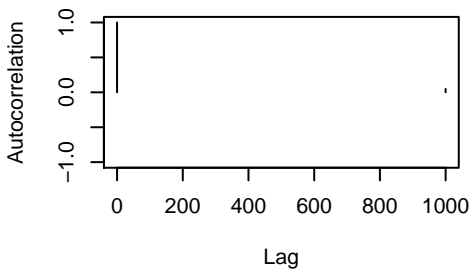
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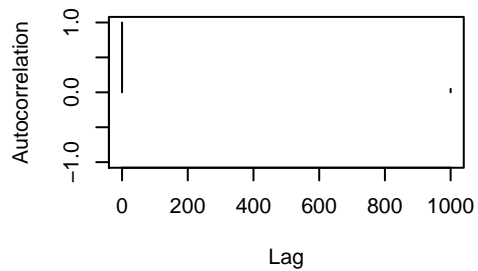
p[21,2]



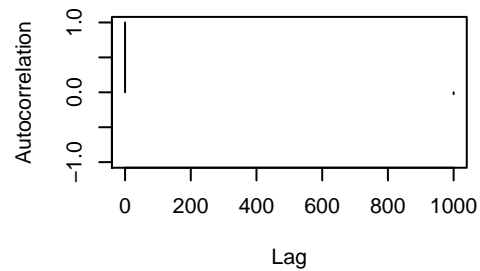
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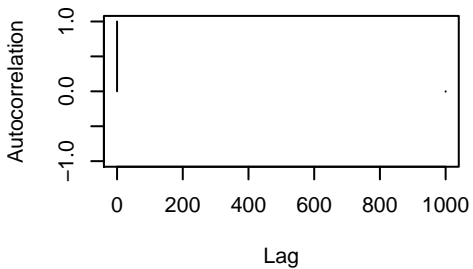
p[23,2]



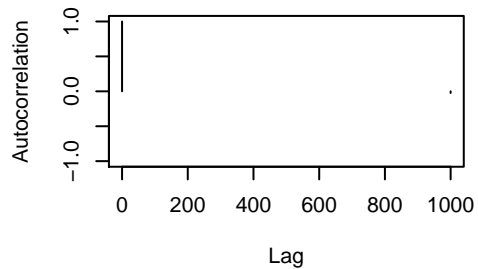
p[24,2]



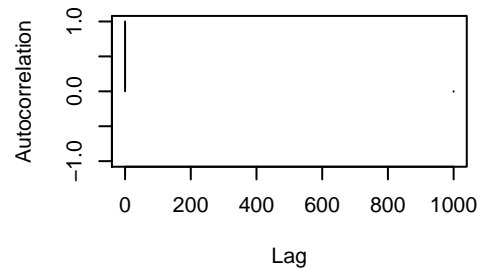
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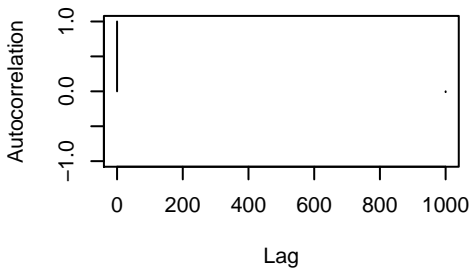
p[26,2]



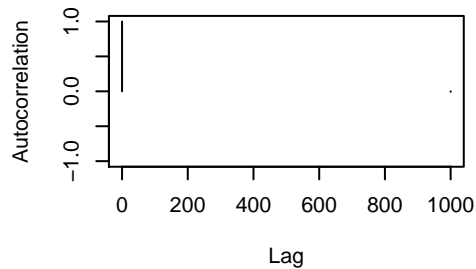
p[27,2]



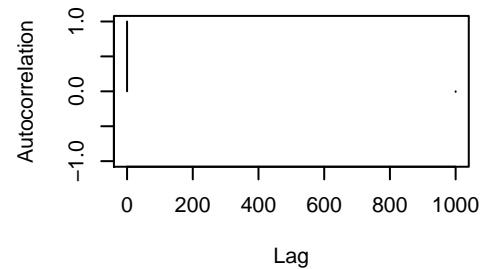
p[28,2]



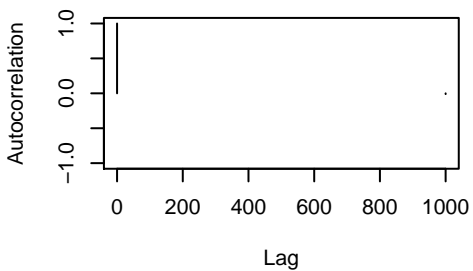
p[29,2]



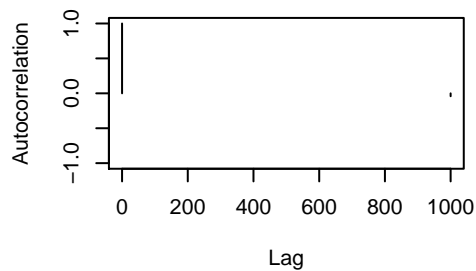
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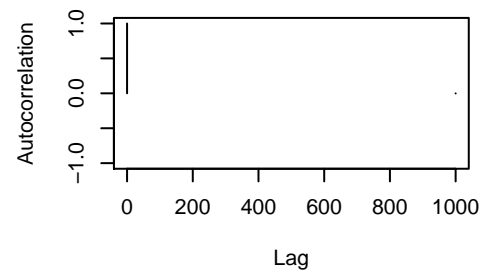
p[31,2]



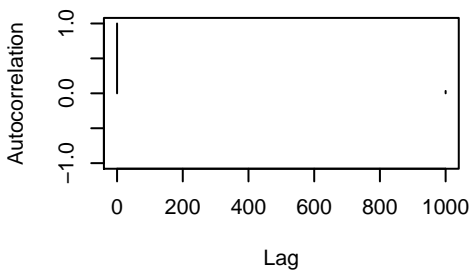
p[32,2]



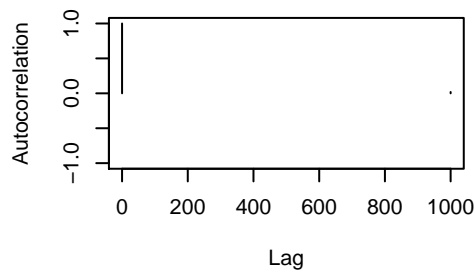
p[33,2]



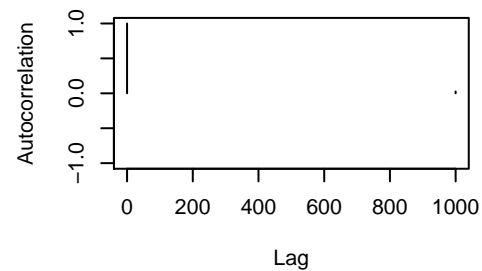
p[34,2]

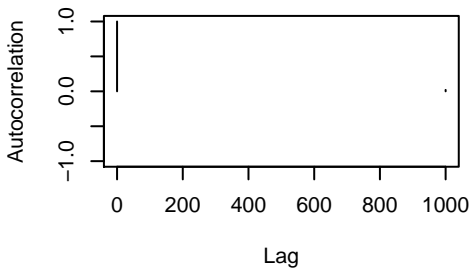
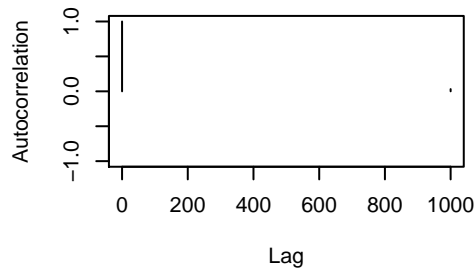
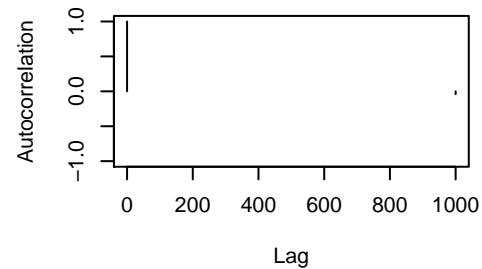
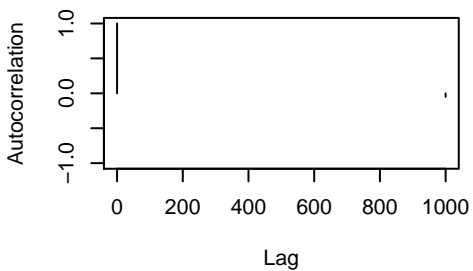
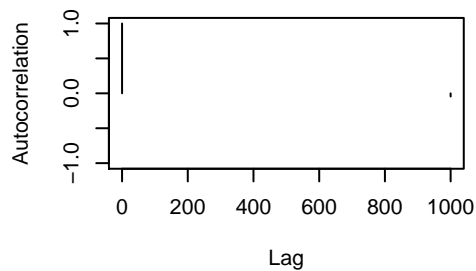
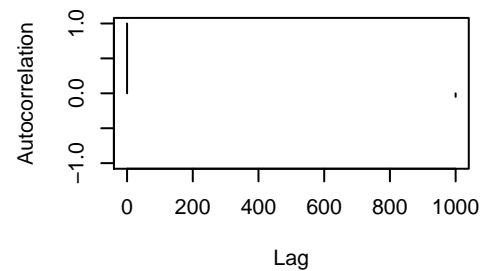
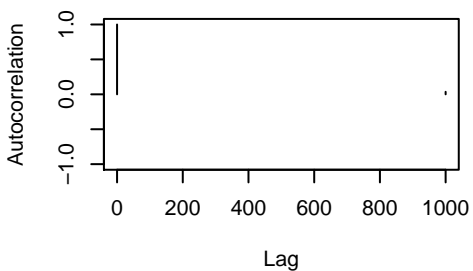
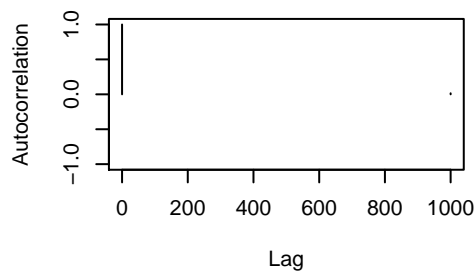
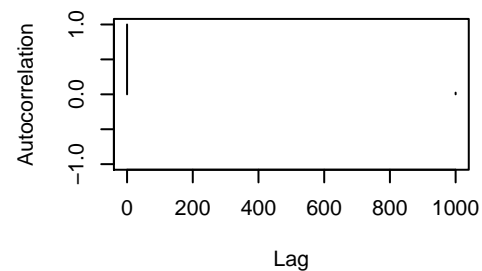


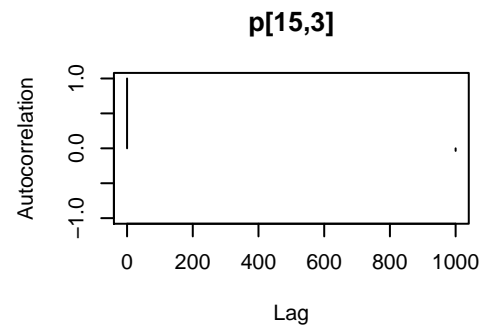
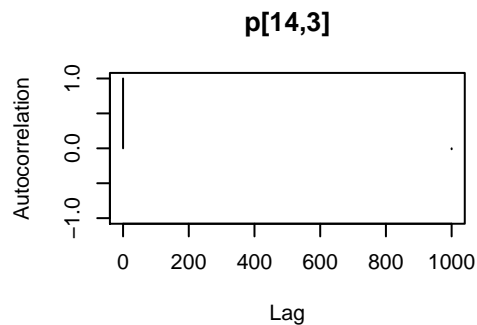
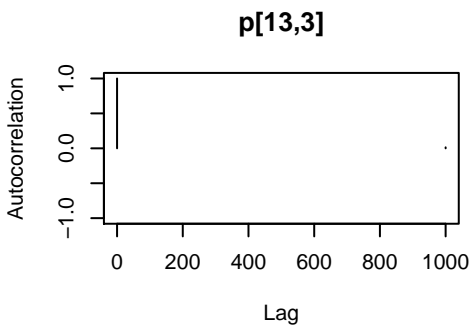
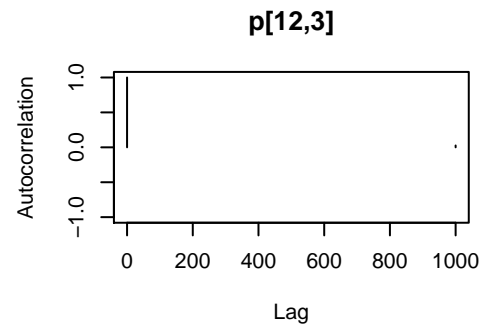
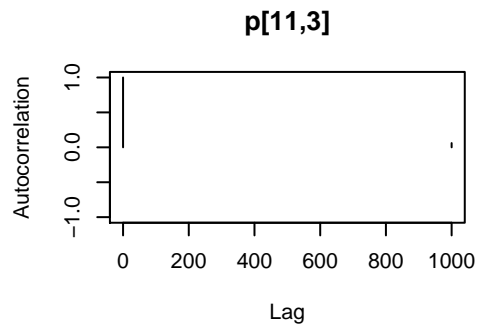
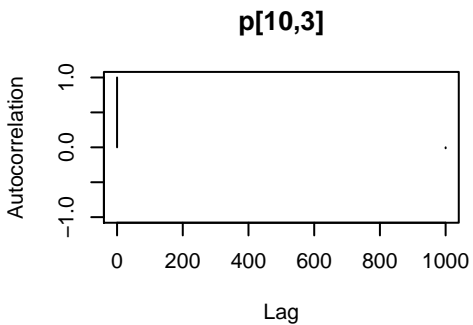
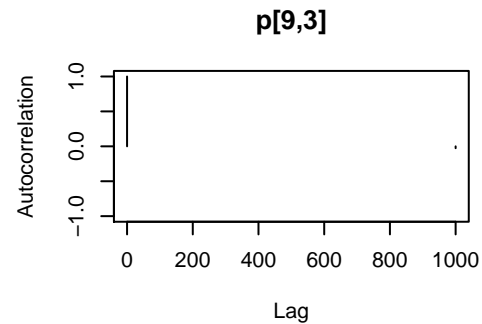
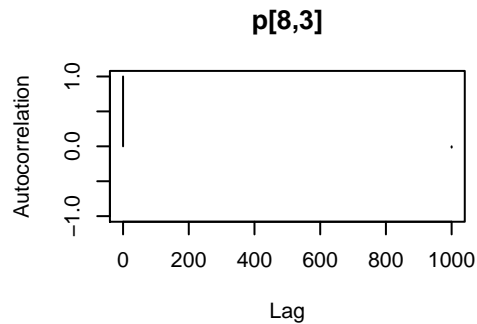
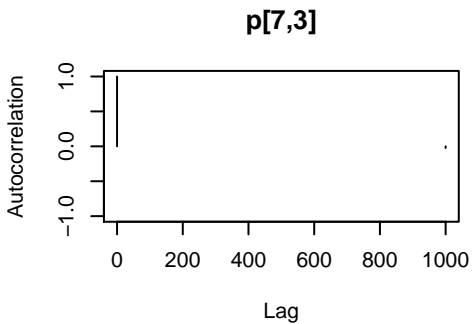
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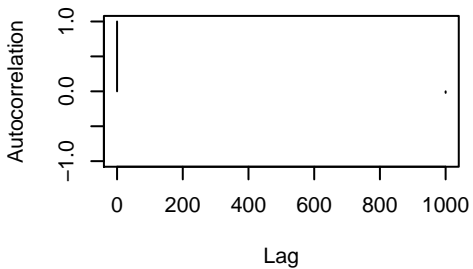
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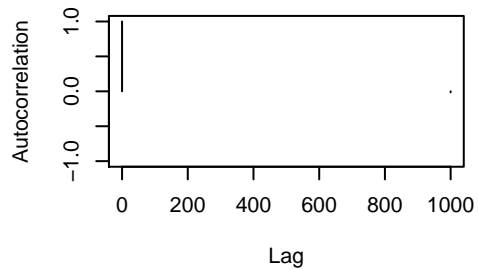
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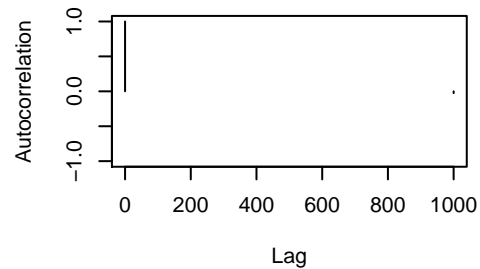
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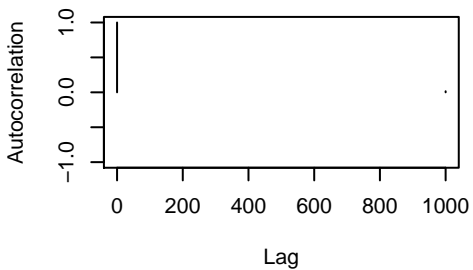
p[26,3]



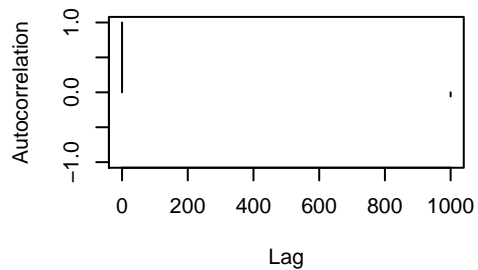
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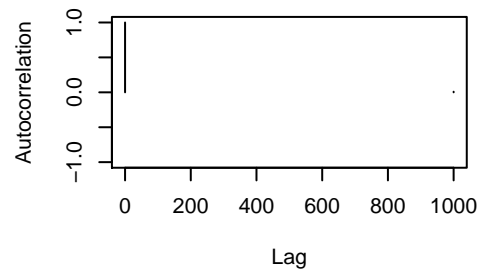
p[28,3]



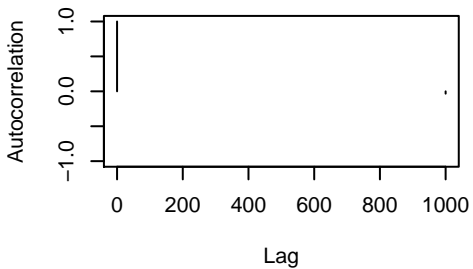
p[29,3]



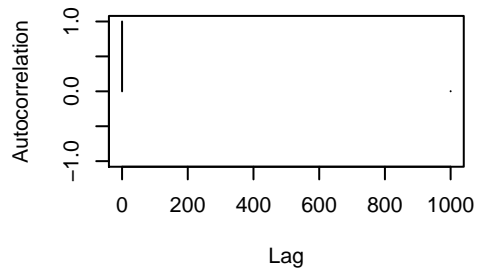
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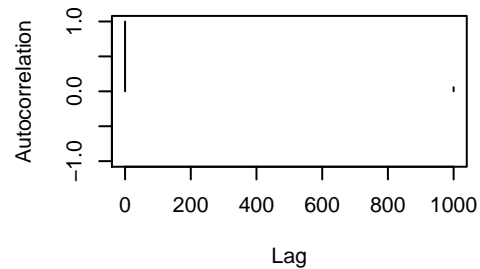
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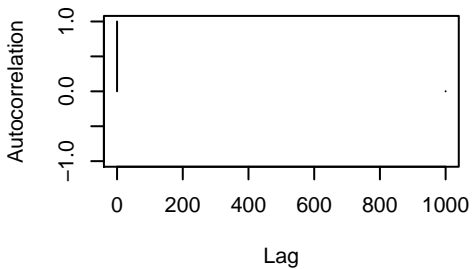
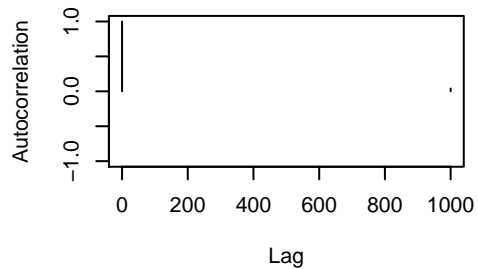
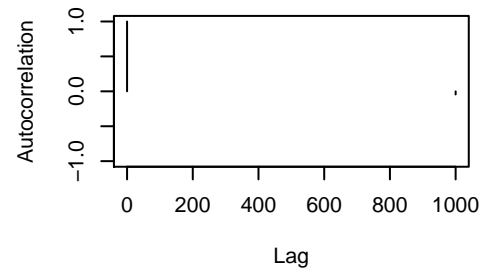
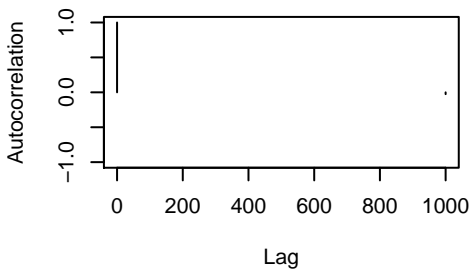
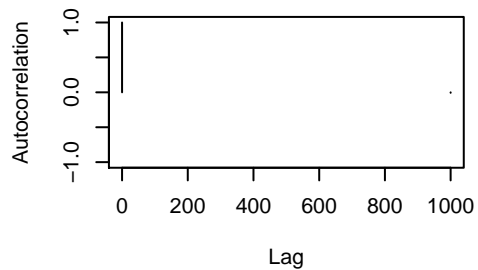
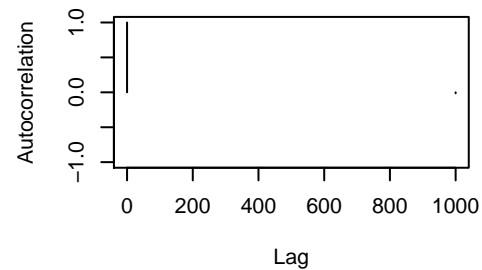
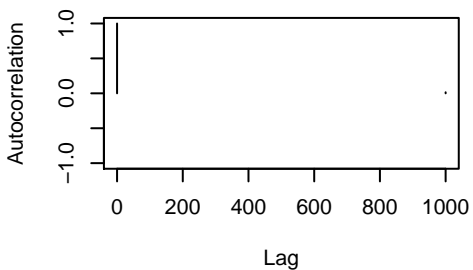
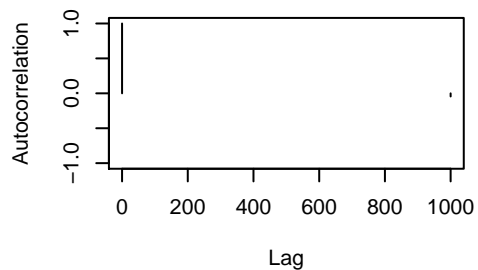
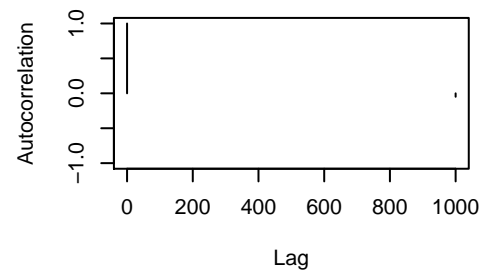


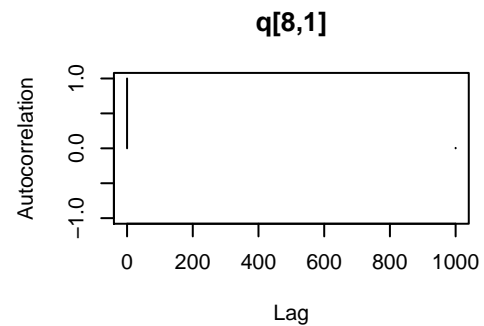
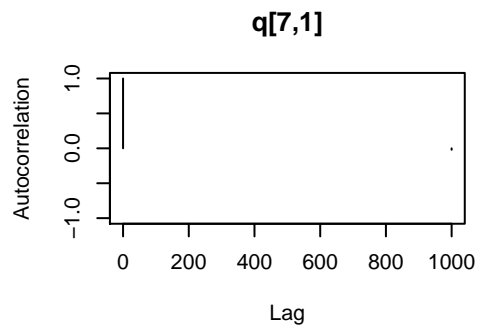
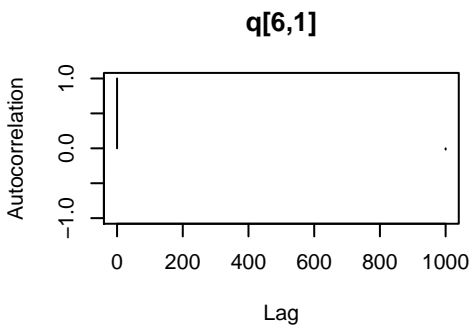
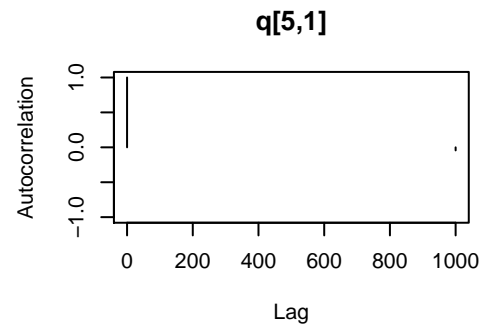
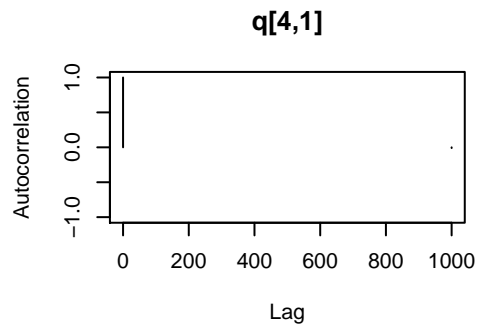
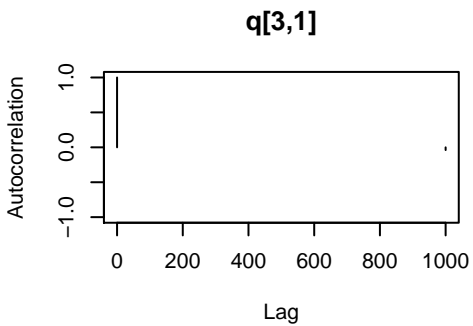
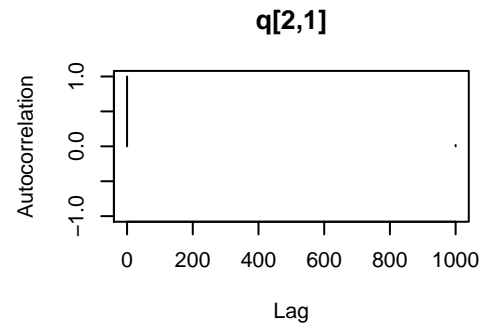
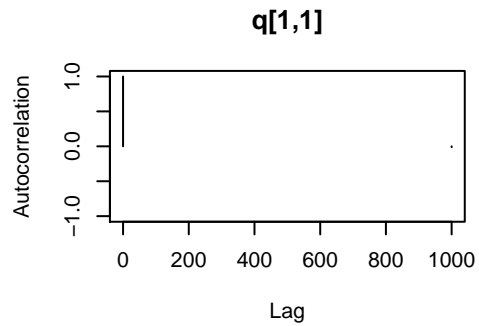
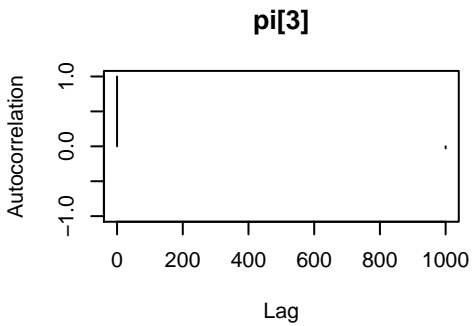
p[32,3]

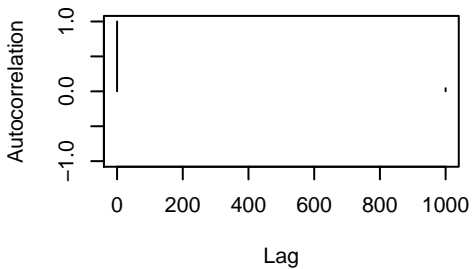
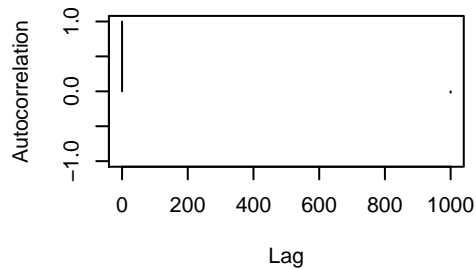
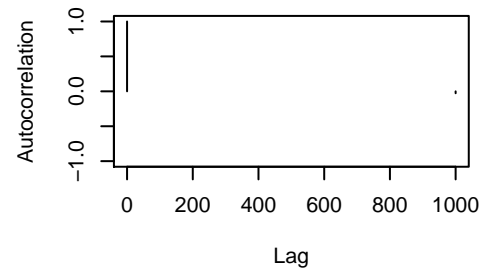
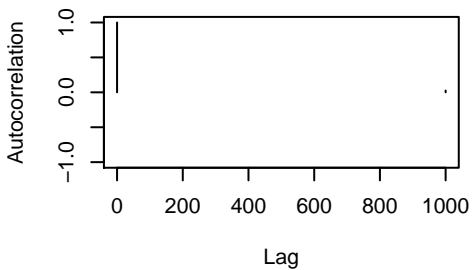
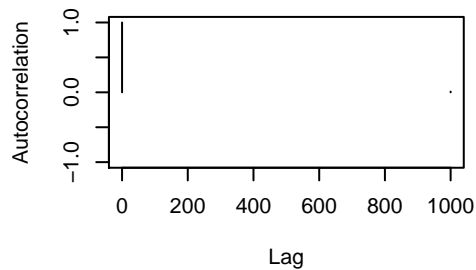
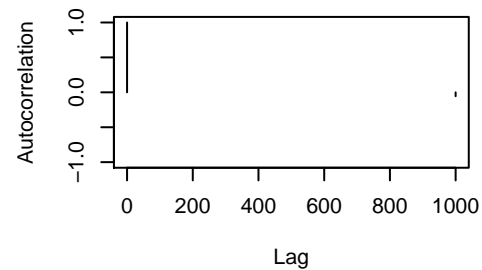
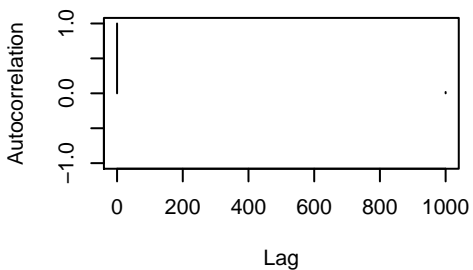
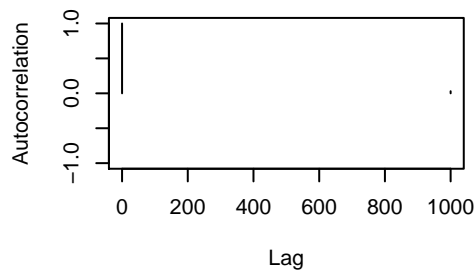
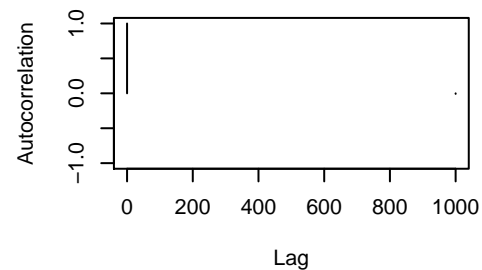


p[33,3]

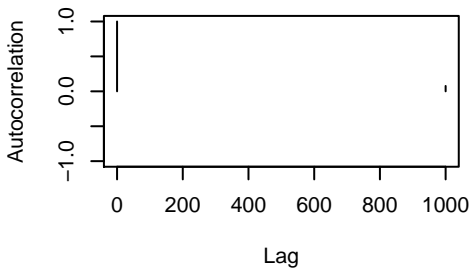


p[34,3]**p[35,3]****p[36,3]****p[37,3]****p[38,3]****p[39,3]****phi****pi[1]****pi[2]**

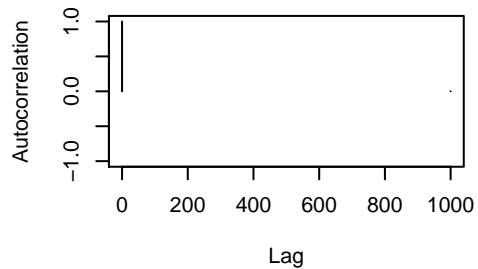


q[9,1]**q[10,1]****q[11,1]****q[12,1]****q[13,1]****q[14,1]****q[15,1]****q[16,1]****q[17,1]**

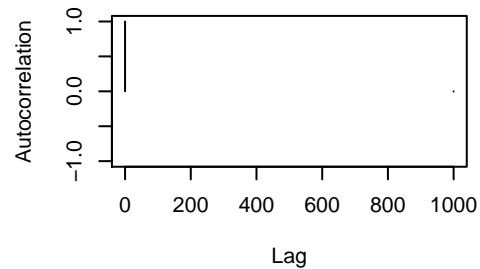
q[18,1]



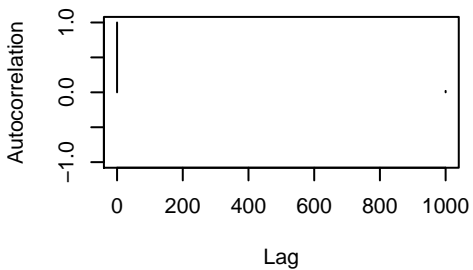
q[19,1]



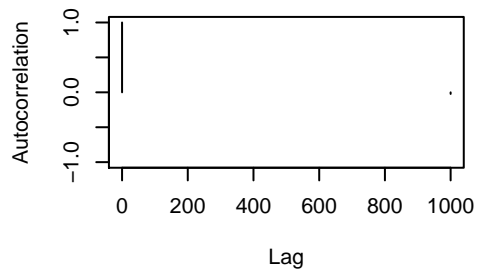
q[20,1]



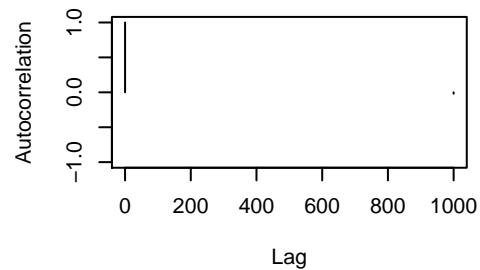
q[21,1]



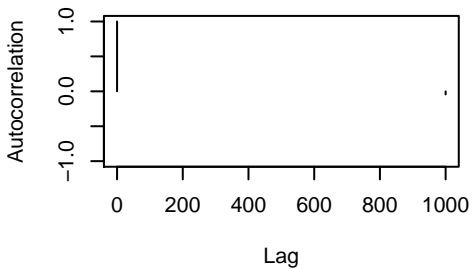
q[22,1]



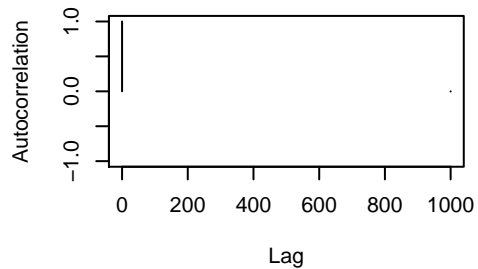
q[23,1]



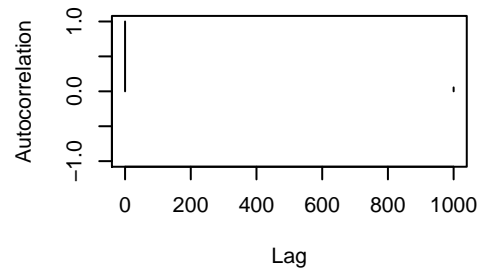
q[24,1]



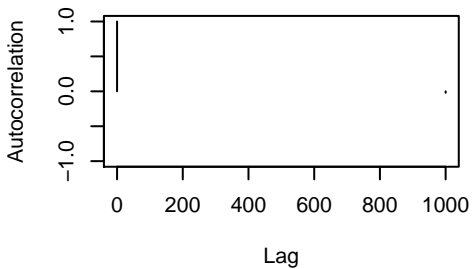
q[25,1]



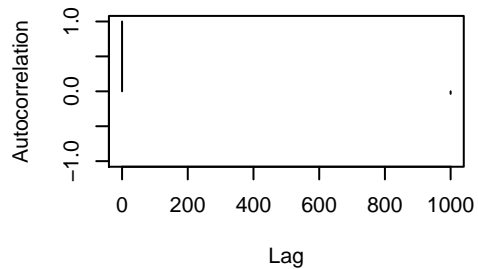
q[26,1]



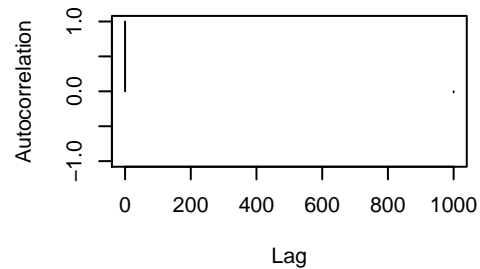
q[27,1]



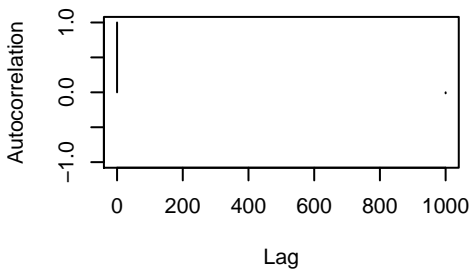
q[28,1]



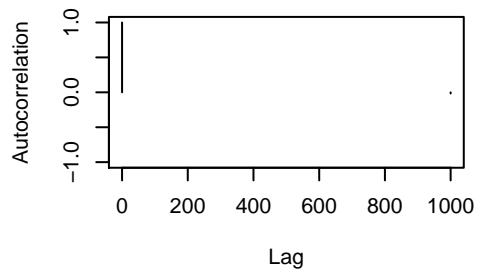
q[29,1]



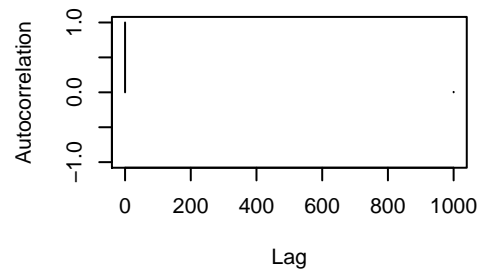
q[30,1]



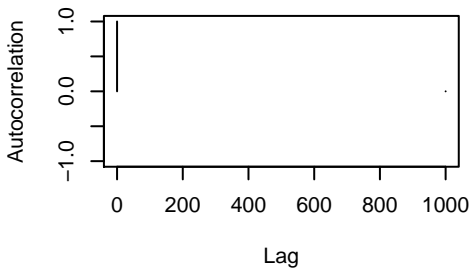
q[31,1]



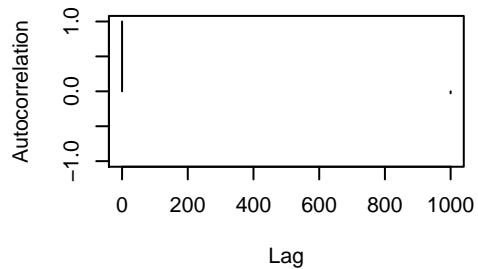
q[32,1]



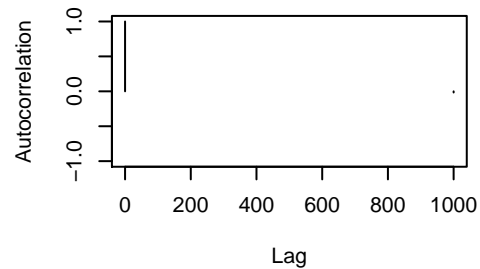
q[33,1]

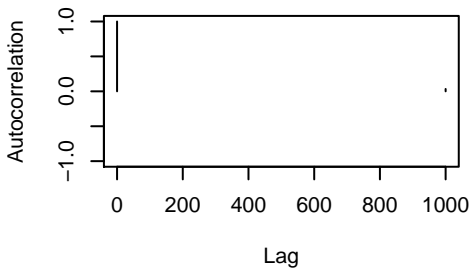
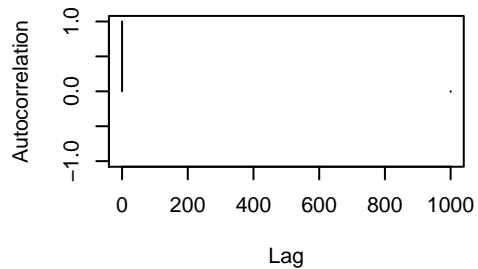
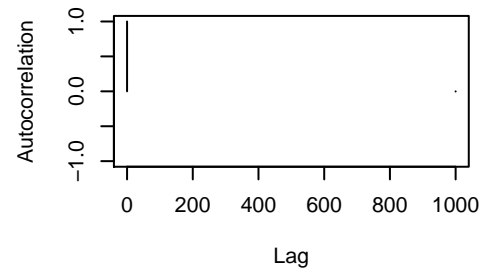
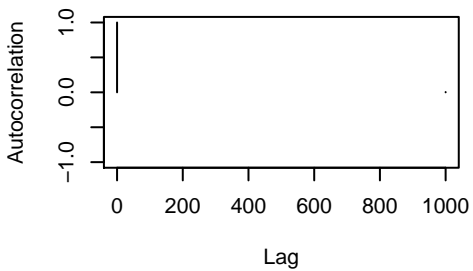
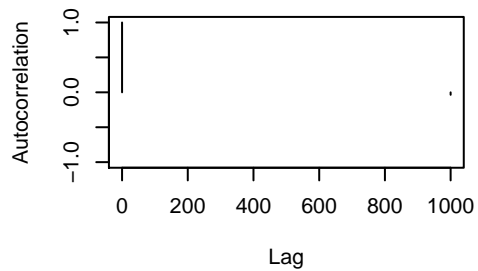
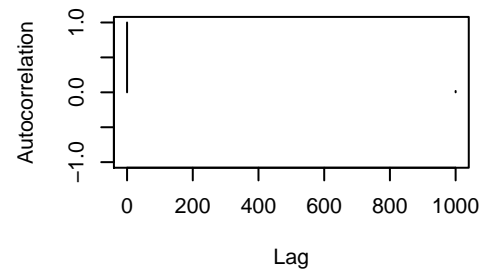
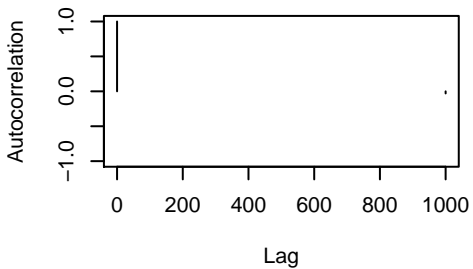
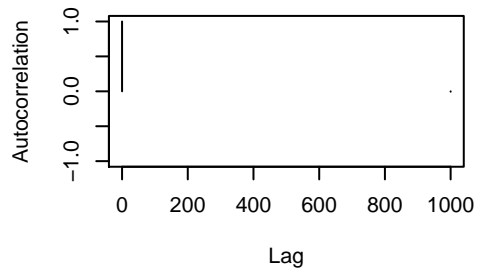
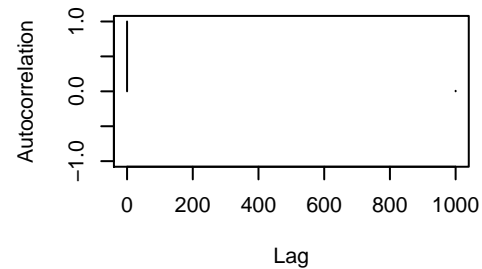


q[34,1]

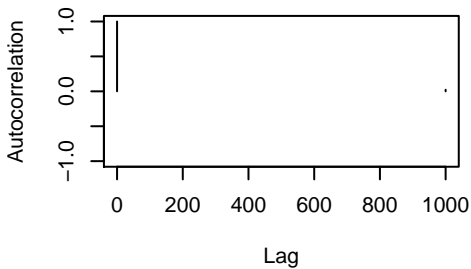


q[35,1]

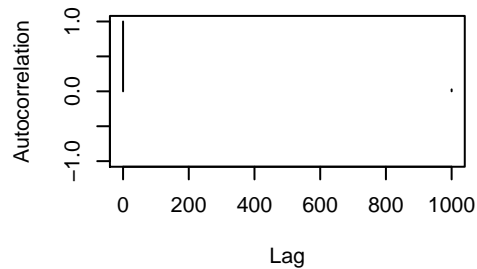


q[36,1]**q[37,1]****q[1,2]****q[2,2]****q[3,2]****q[4,2]****q[5,2]****q[6,2]****q[7,2]**

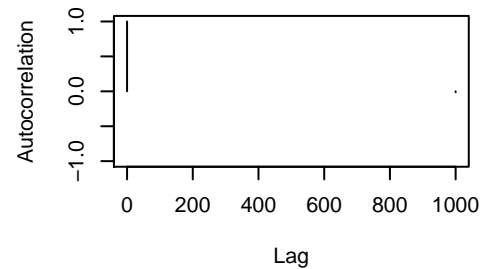
q[8,2]



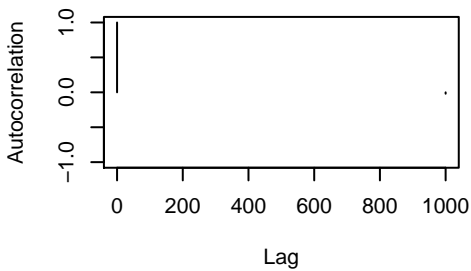
q[9,2]



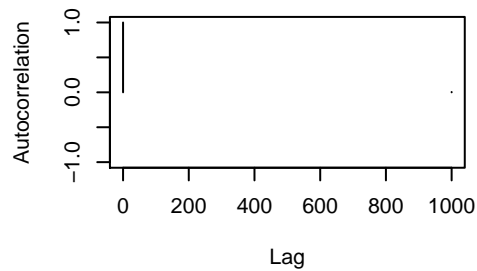
q[10,2]



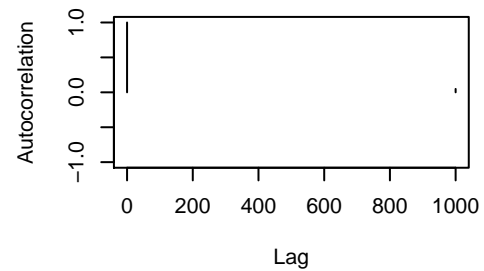
q[11,2]



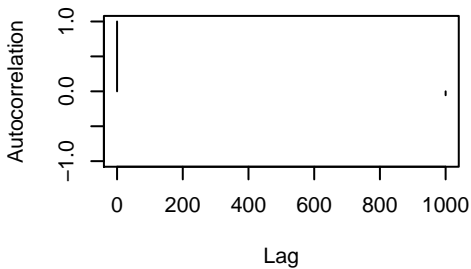
q[12,2]



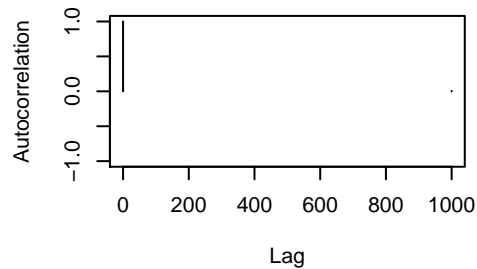
q[13,2]



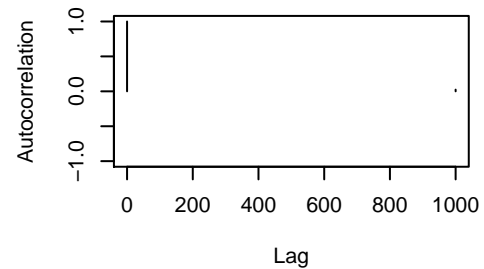
q[14,2]



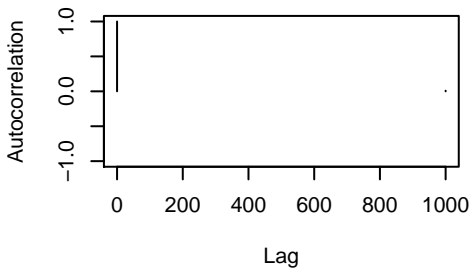
q[15,2]



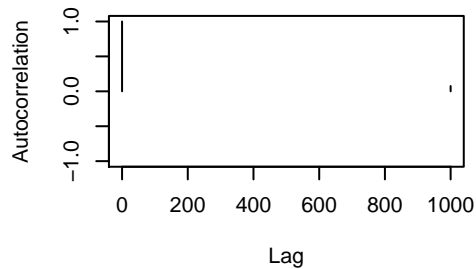
q[16,2]



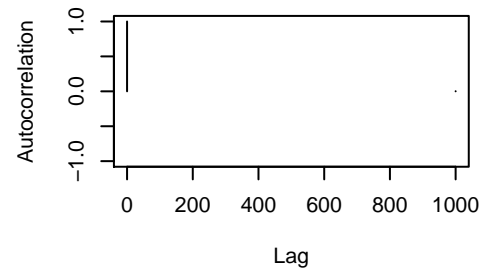
q[17,2]



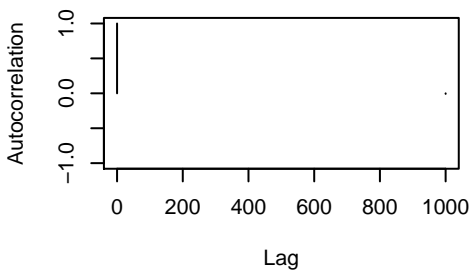
q[18,2]



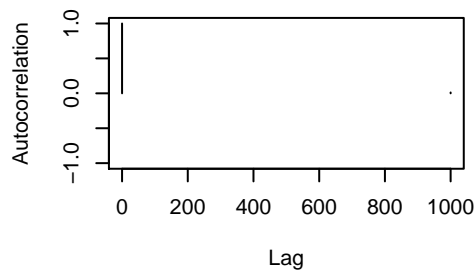
q[19,2]



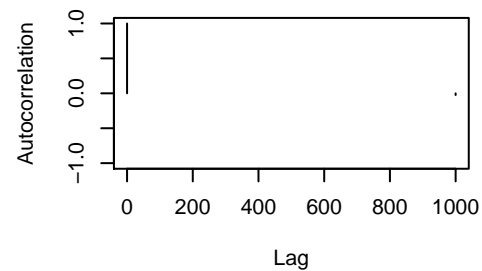
q[20,2]



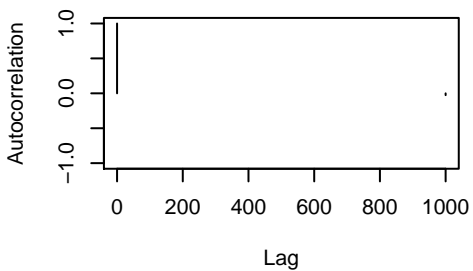
q[21,2]



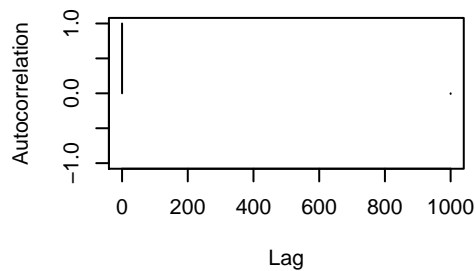
q[22,2]



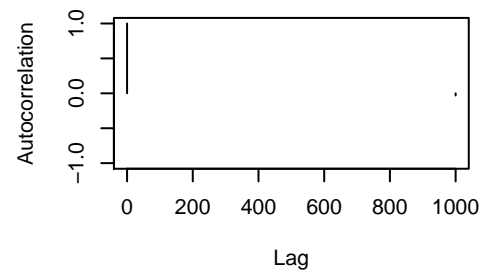
q[23,2]



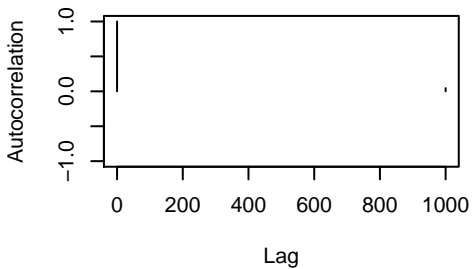
q[24,2]



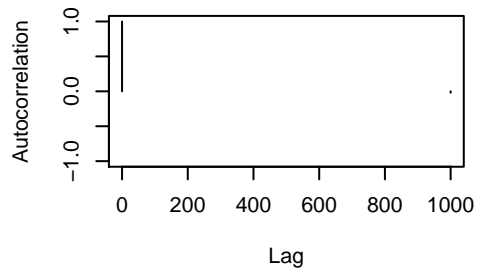
q[25,2]



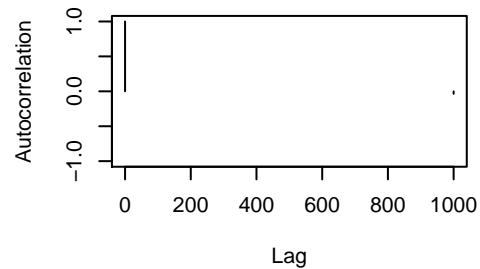
q[26,2]



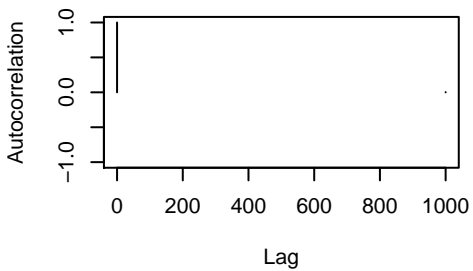
q[27,2]



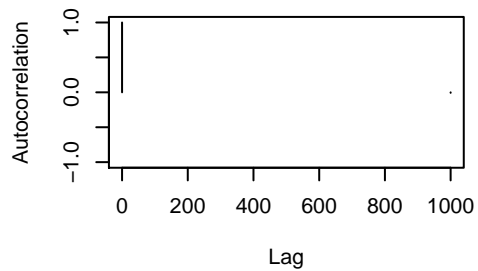
q[28,2]



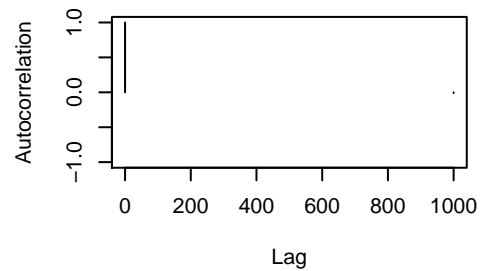
q[29,2]



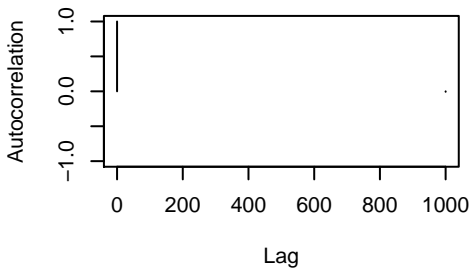
q[30,2]



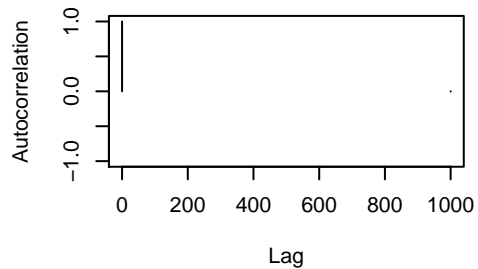
q[31,2]



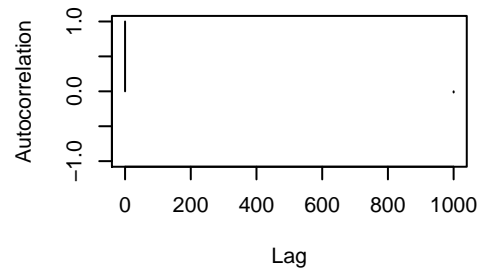
q[32,2]

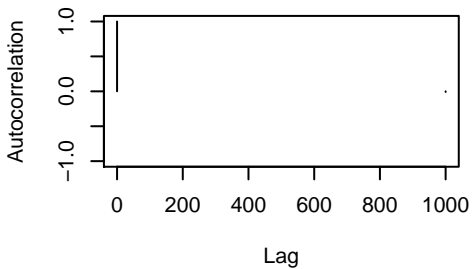
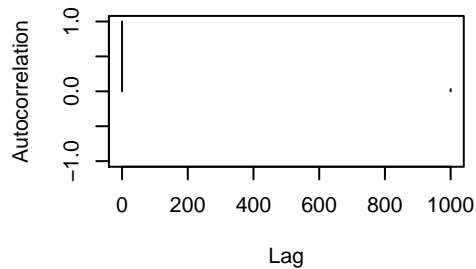
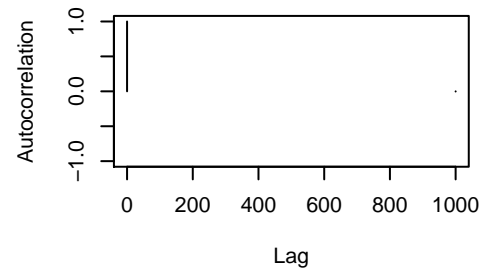
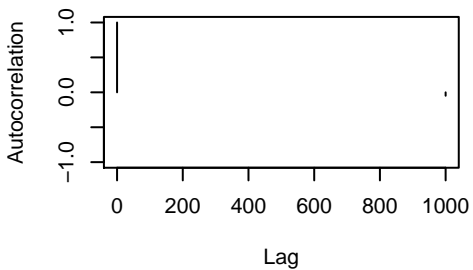
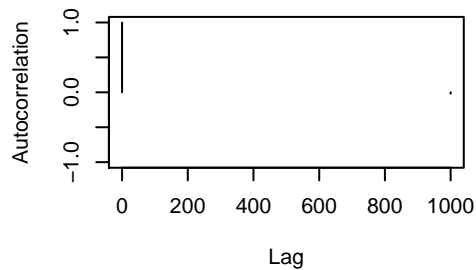
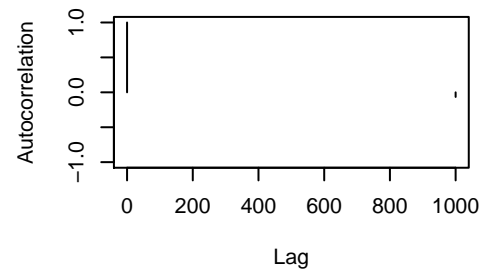
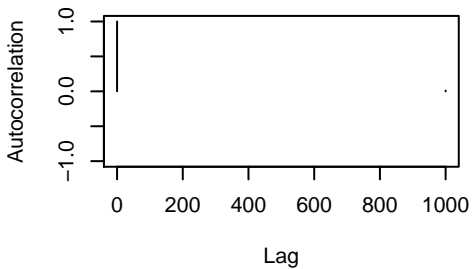
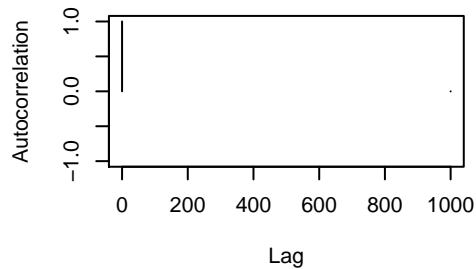
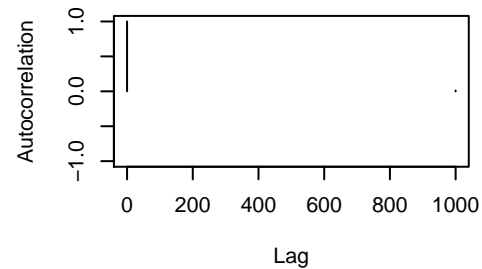


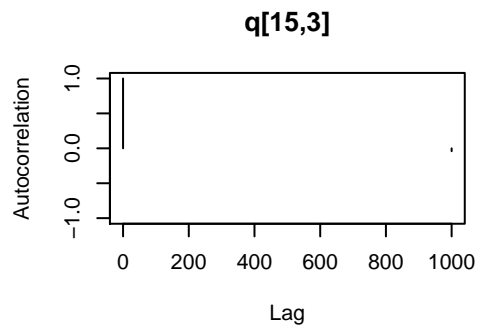
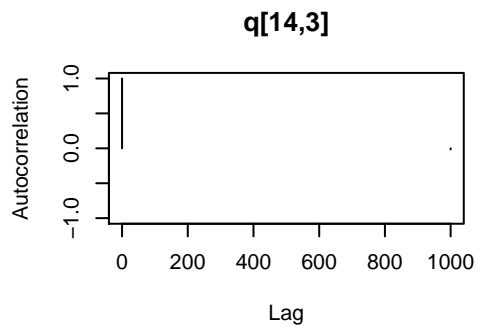
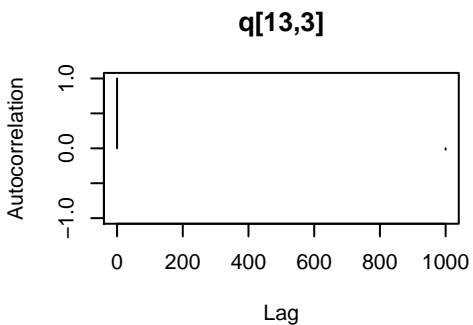
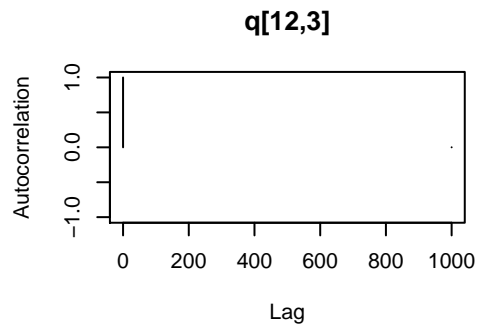
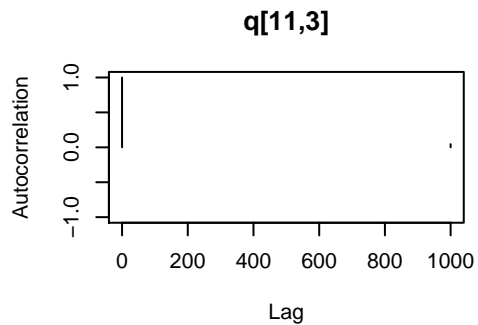
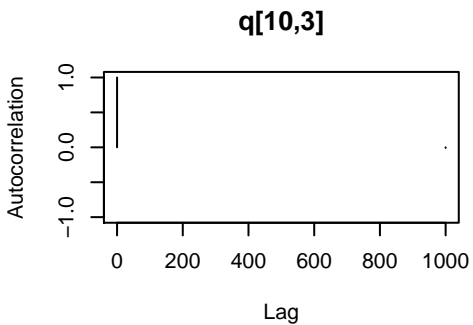
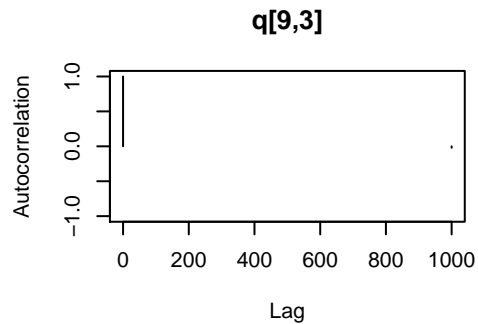
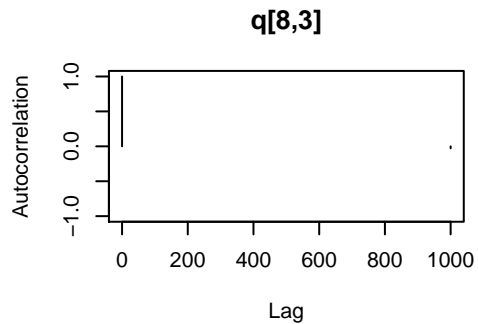
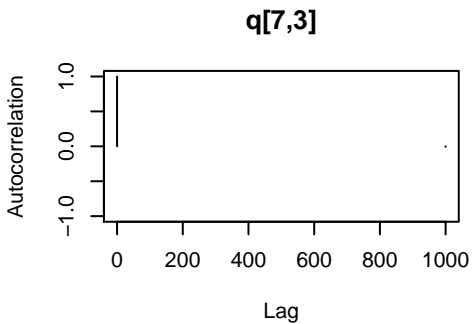
q[33,2]



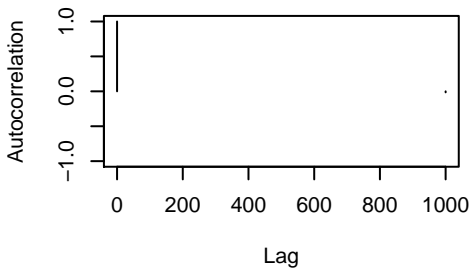
q[34,2]



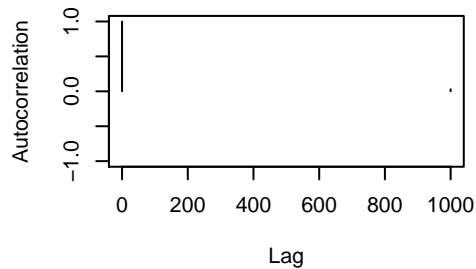
q[35,2]**q[36,2]****q[37,2]****q[1,3]****q[2,3]****q[3,3]****q[4,3]****q[5,3]****q[6,3]**



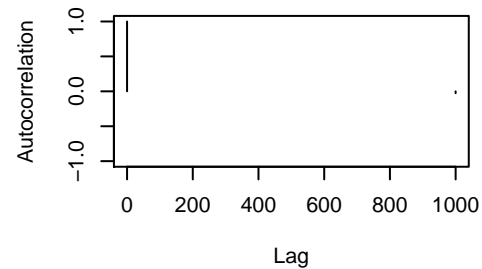
q[16,3]



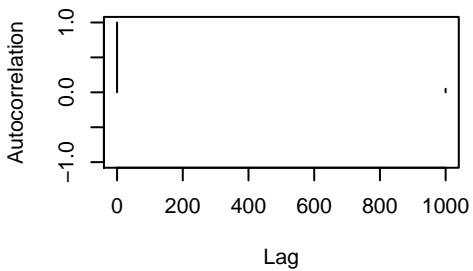
q[17,3]



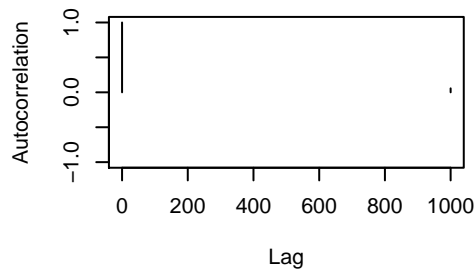
q[18,3]



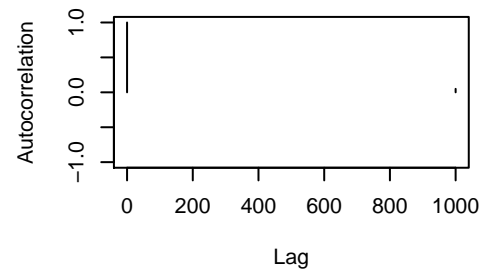
q[19,3]



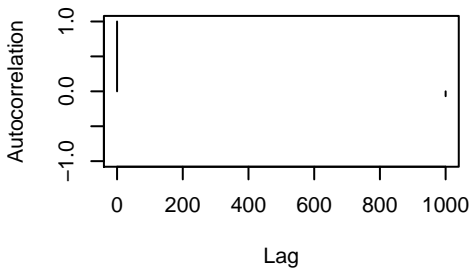
q[20,3]



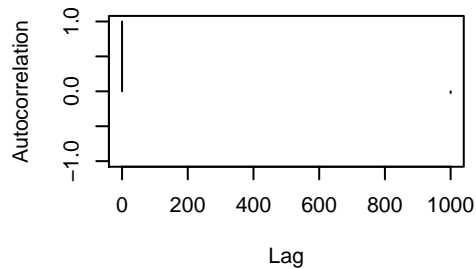
q[21,3]



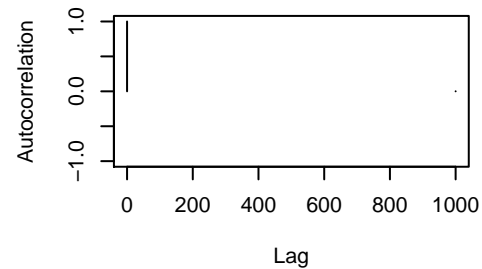
q[22,3]



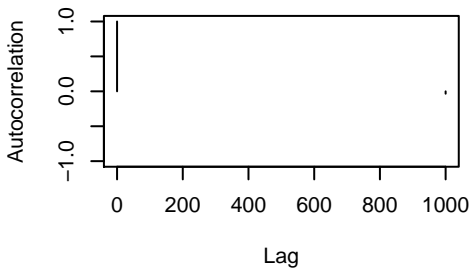
q[23,3]



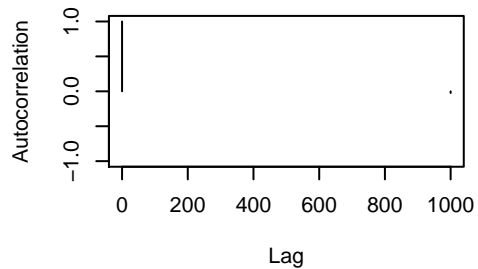
q[24,3]



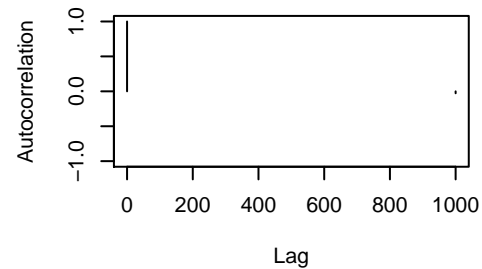
q[25,3]



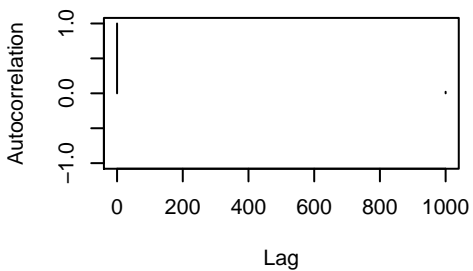
q[26,3]



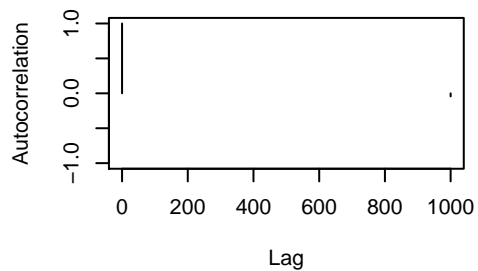
q[27,3]



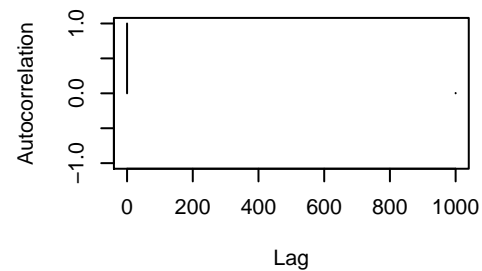
q[28,3]



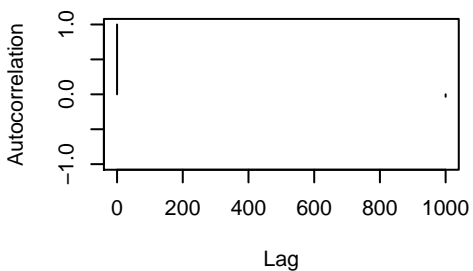
q[29,3]



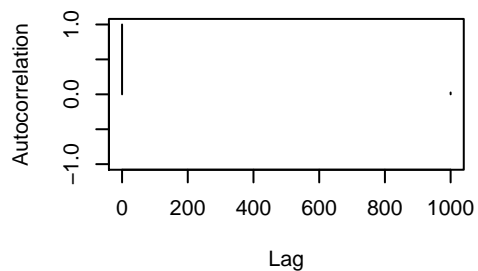
q[30,3]



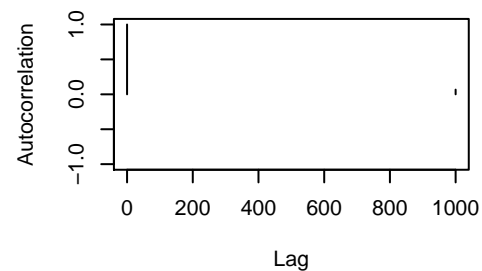
q[31,3]

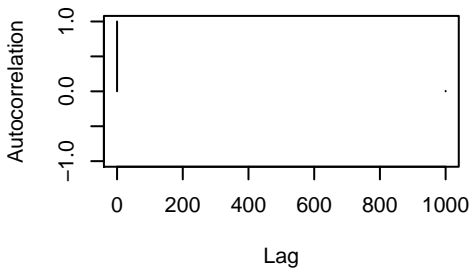
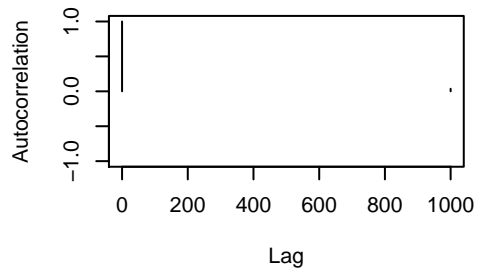
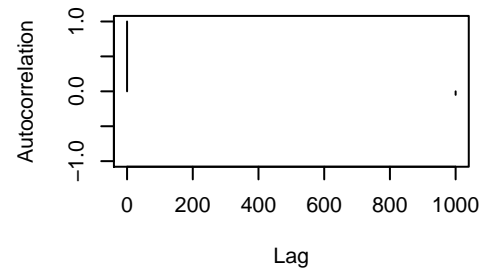
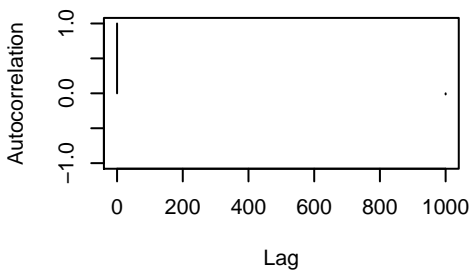
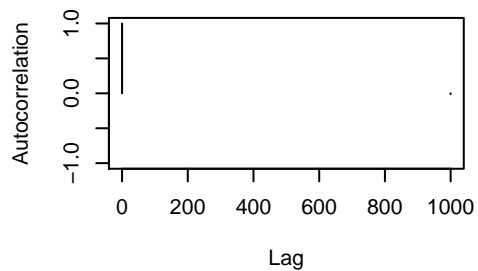


q[32,3]



q[33,3]



q[34,3]**q[35,3]****q[36,3]****q[37,3]****sigma.R****sigma.R0**