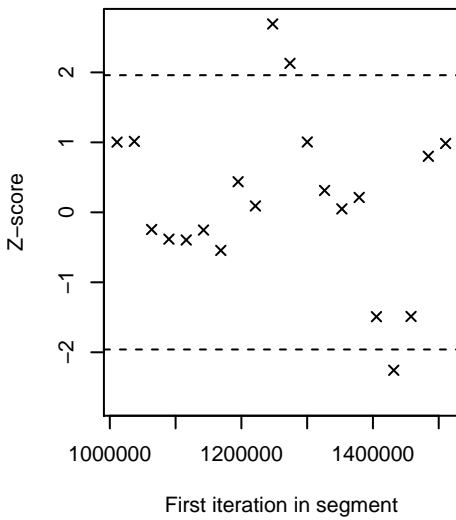
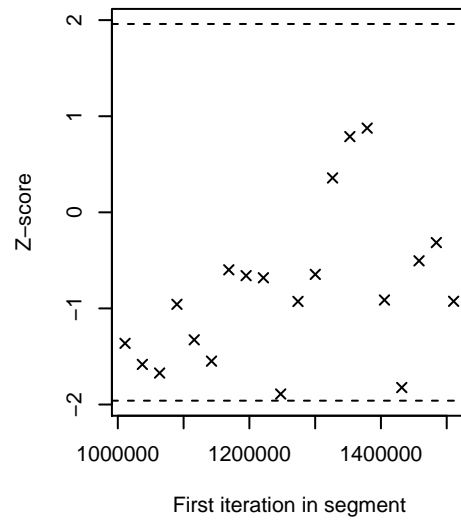
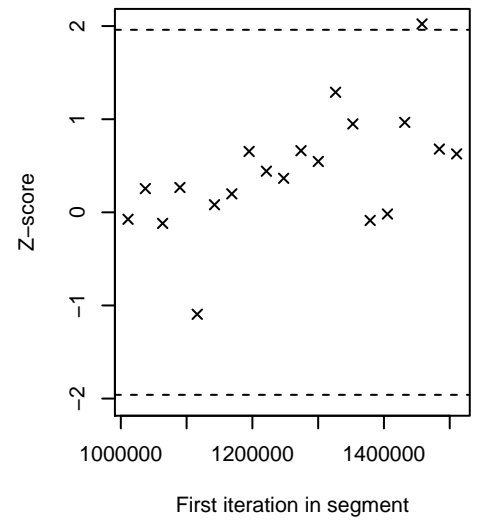
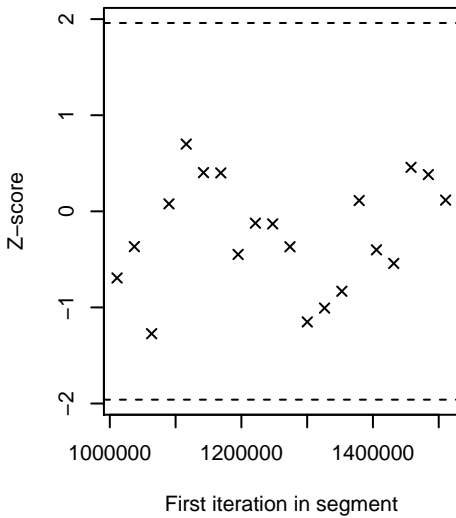
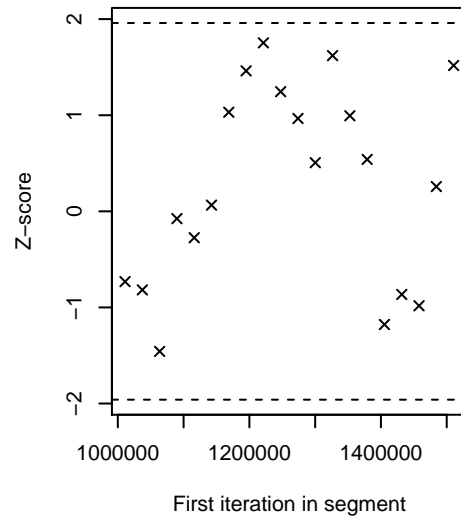
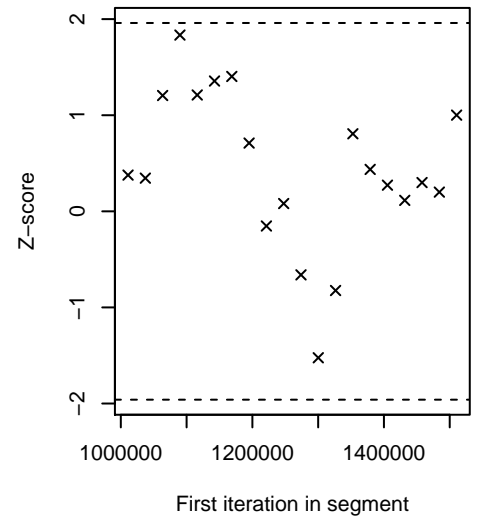
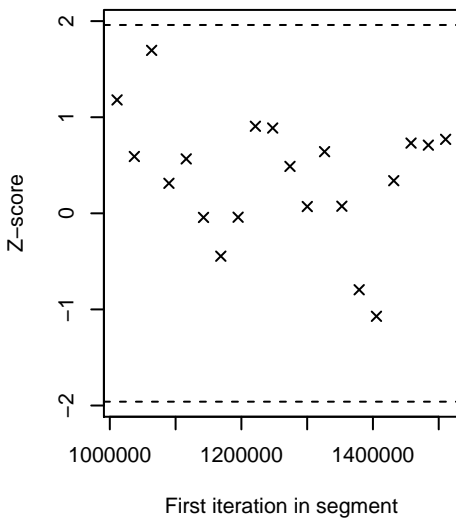
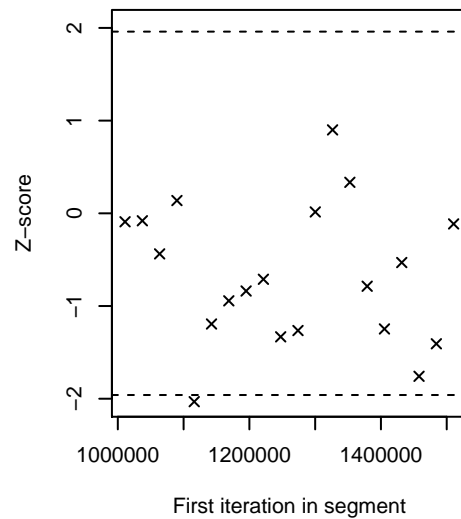
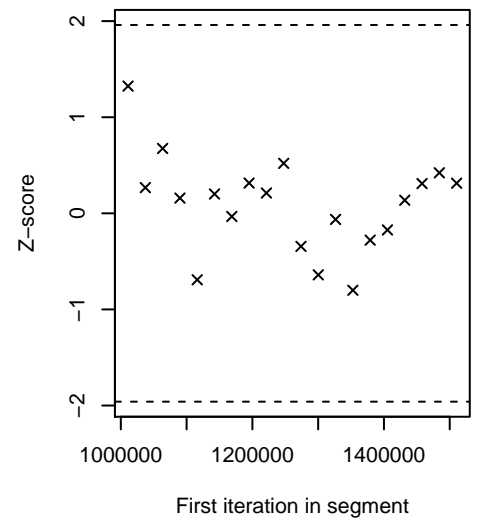
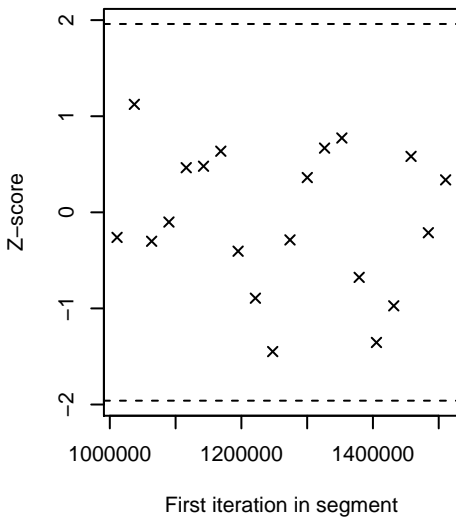
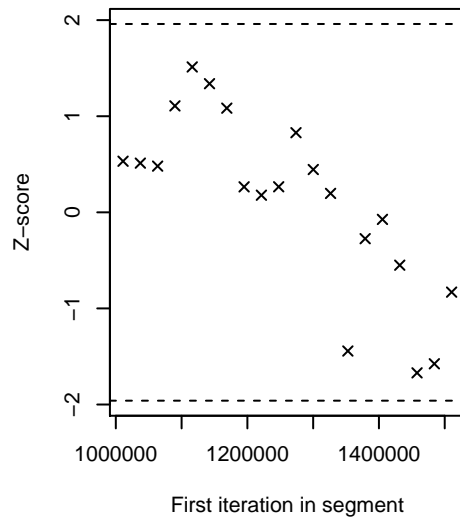
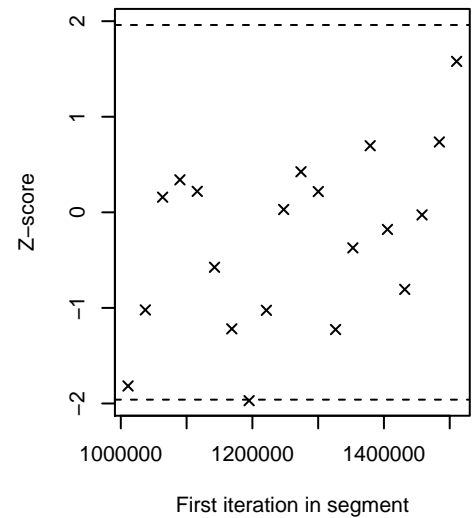
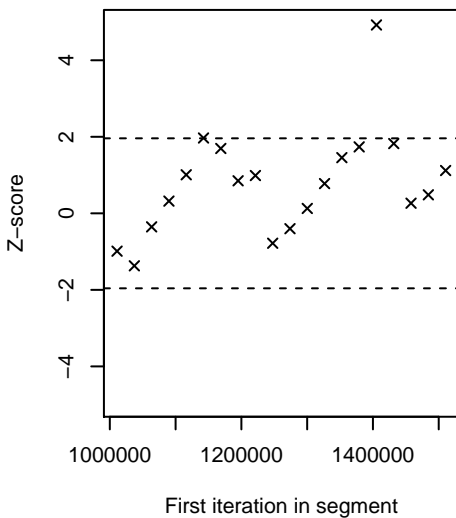
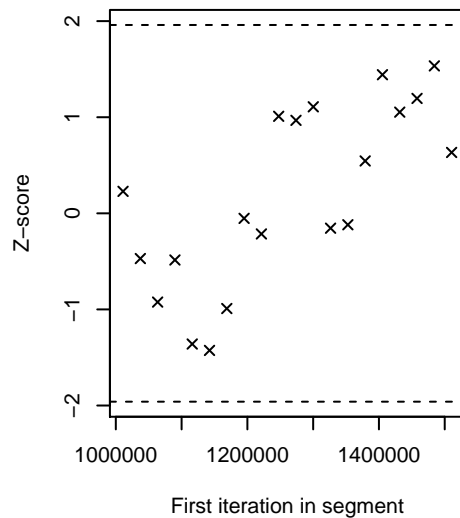
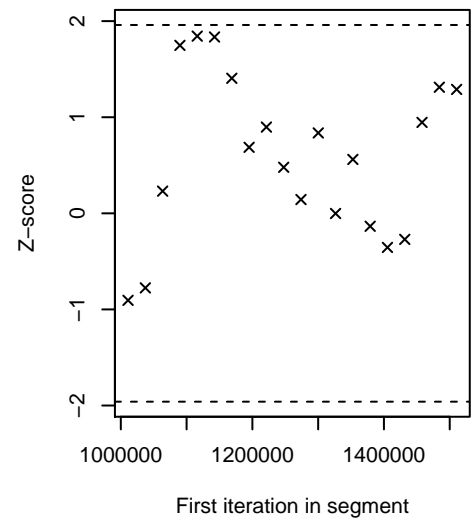
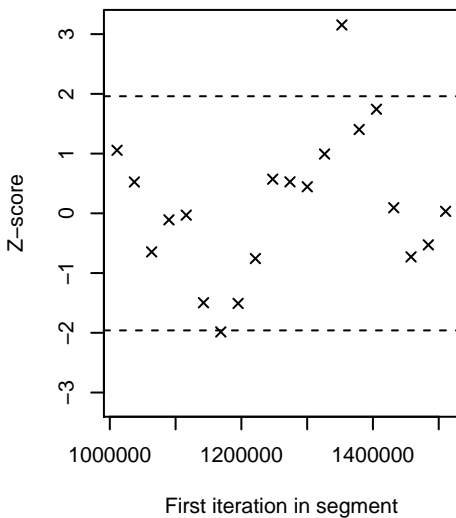
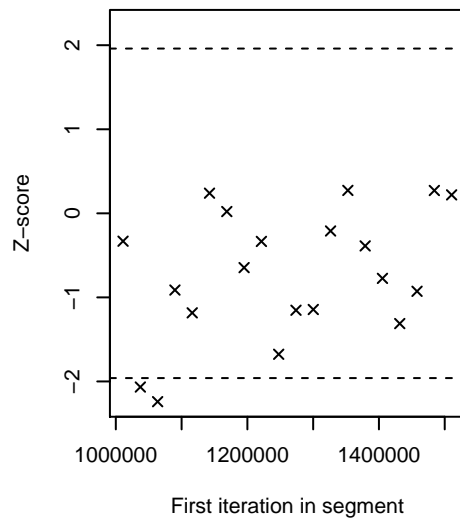
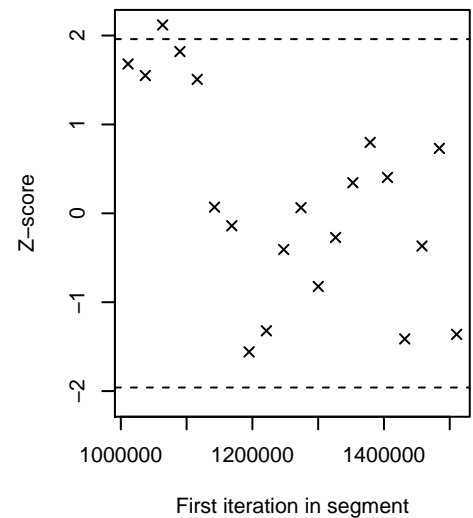
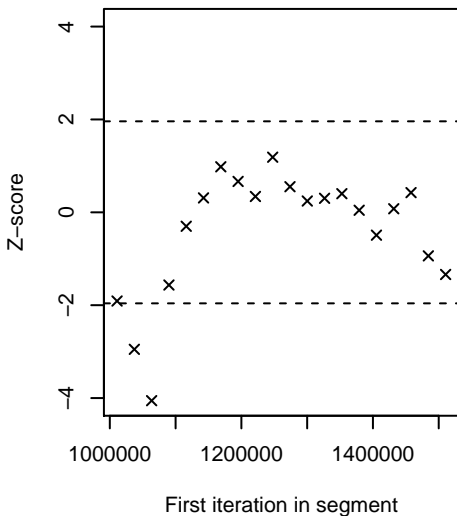
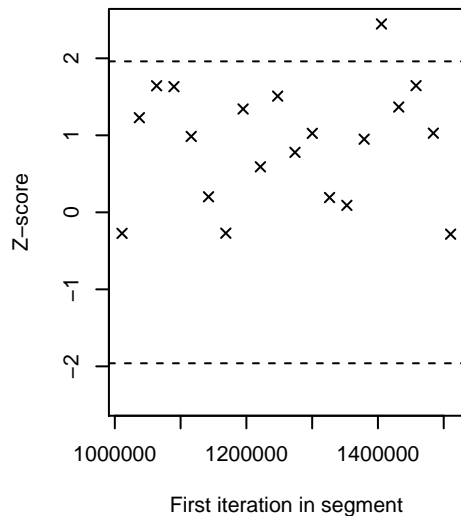
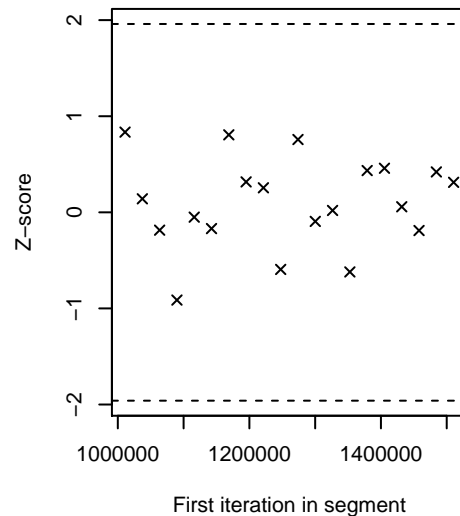
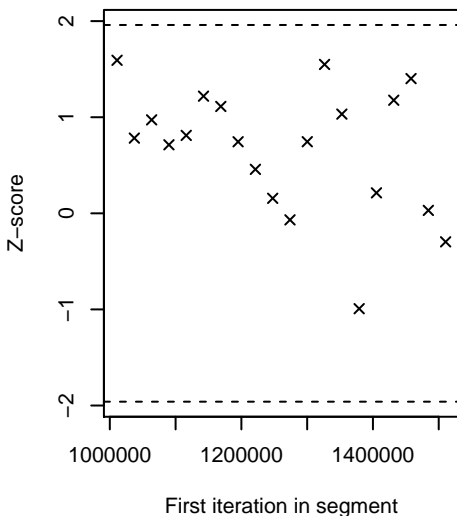
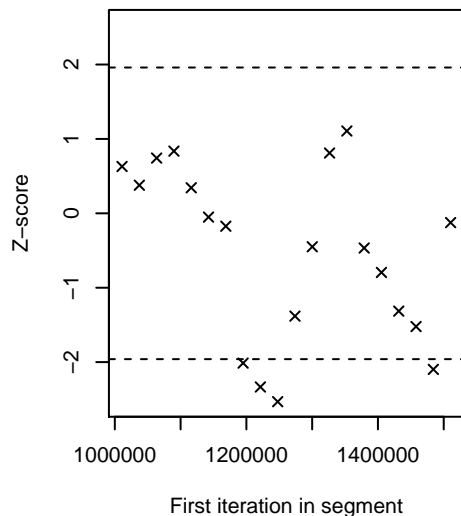
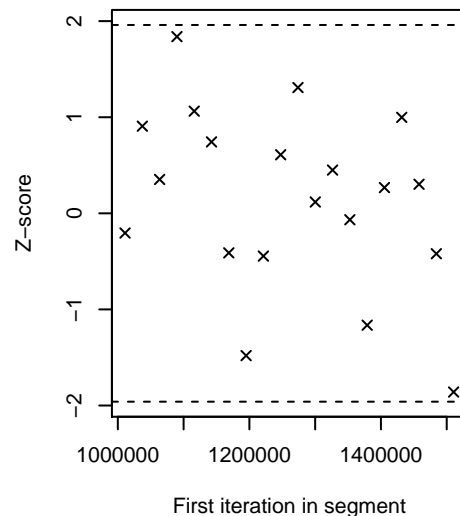
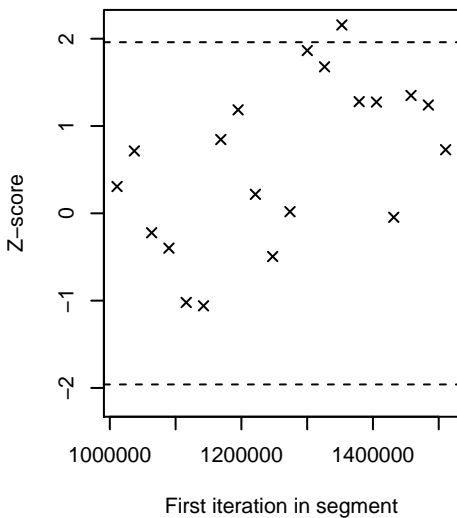
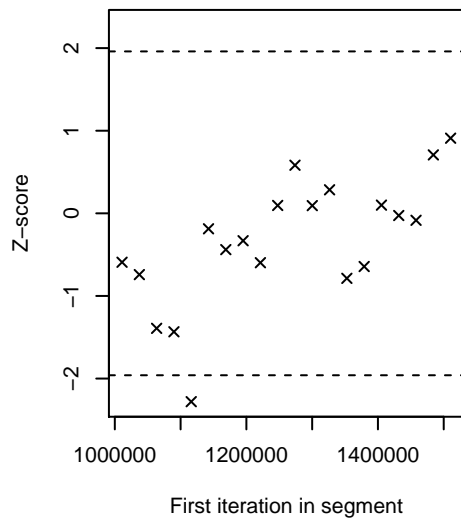
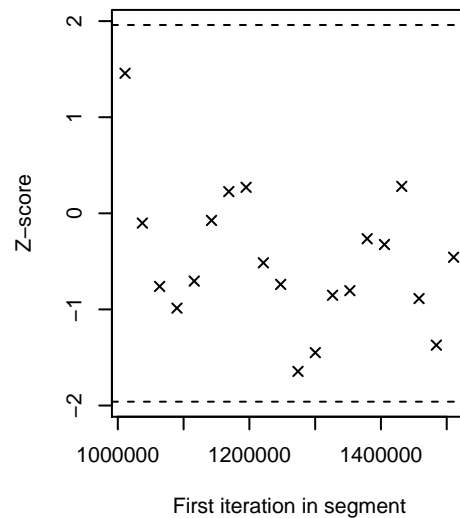
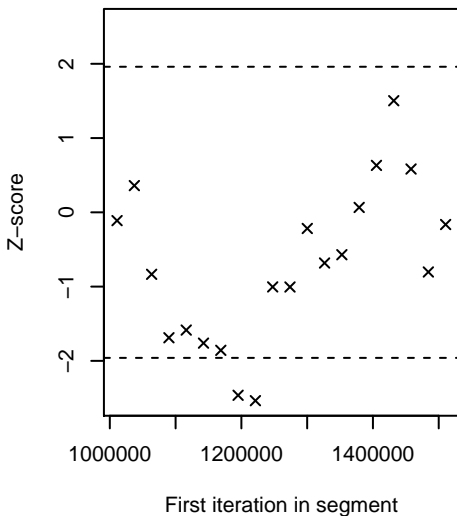
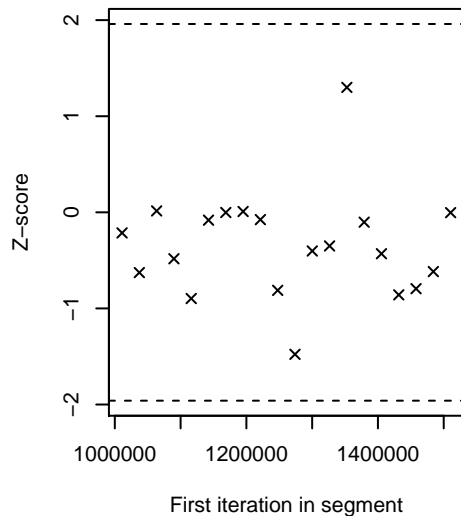
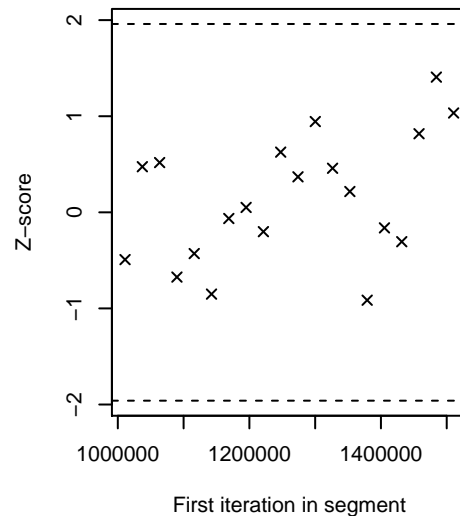
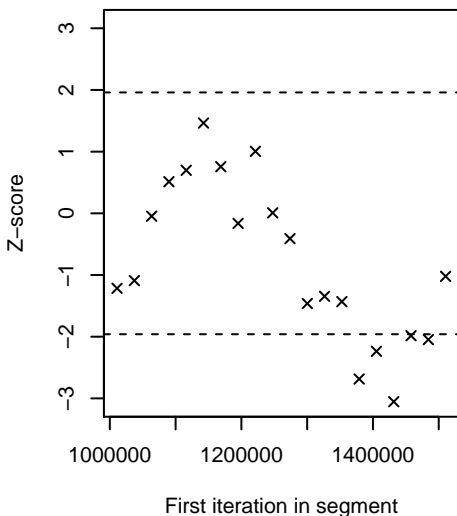
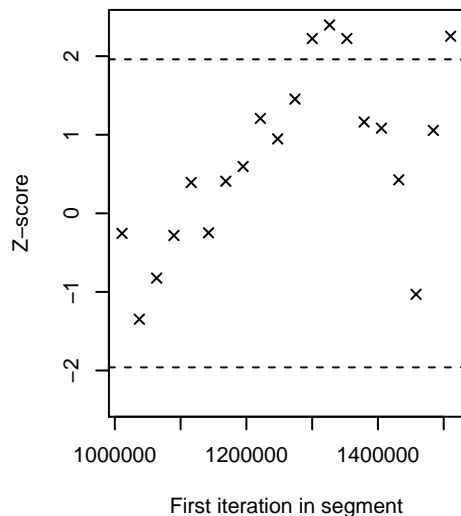
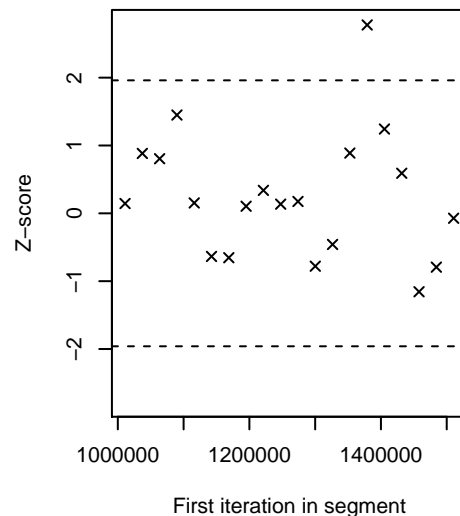
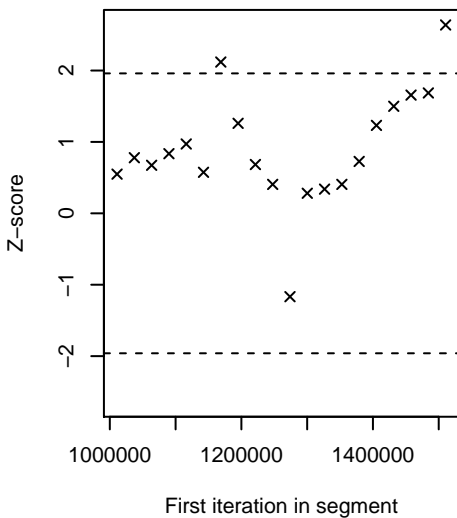
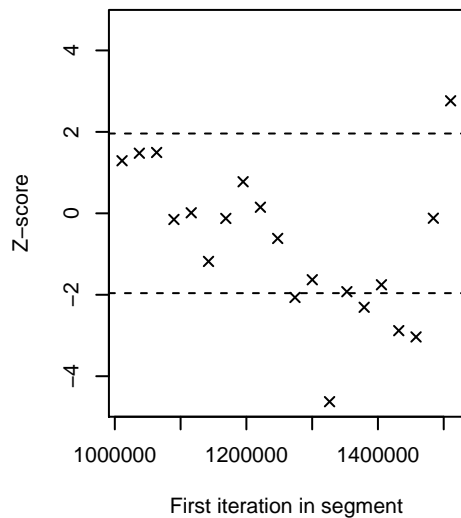
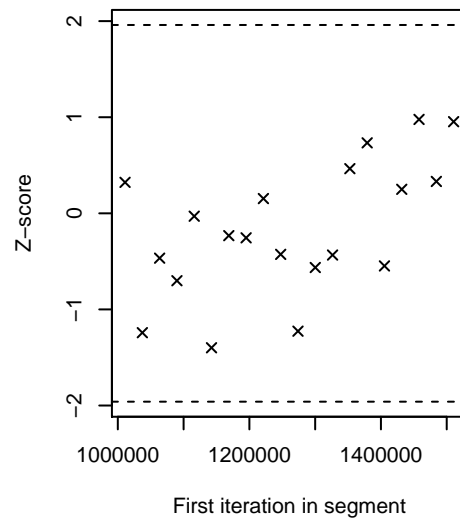
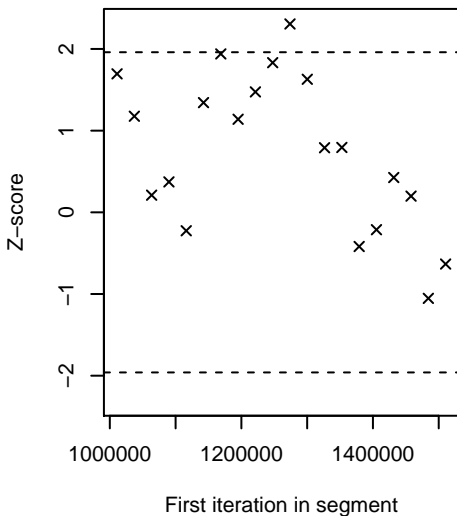
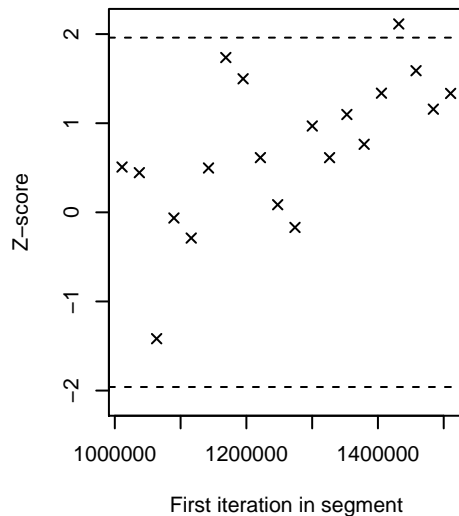
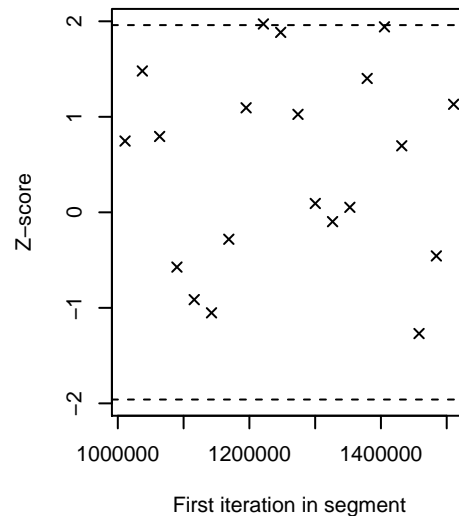
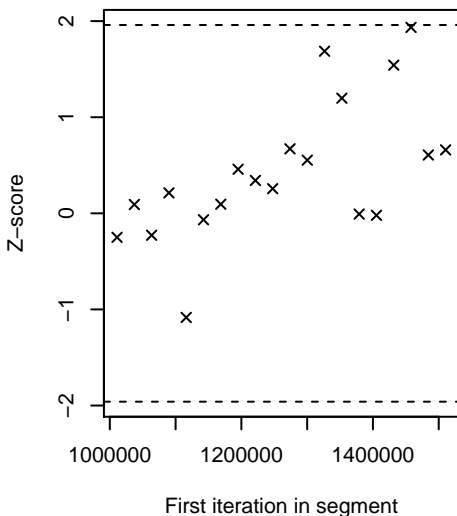
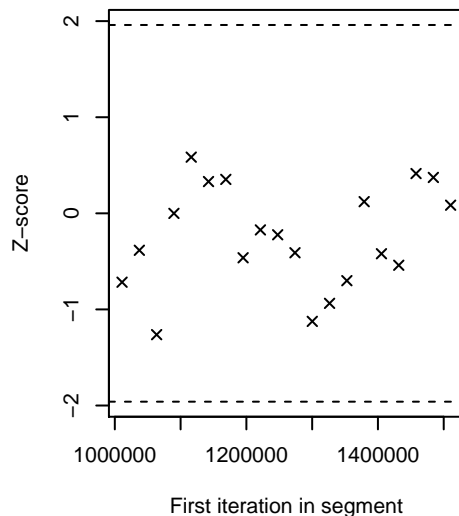
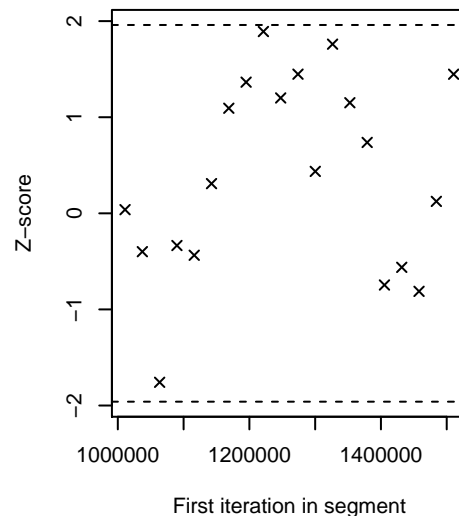
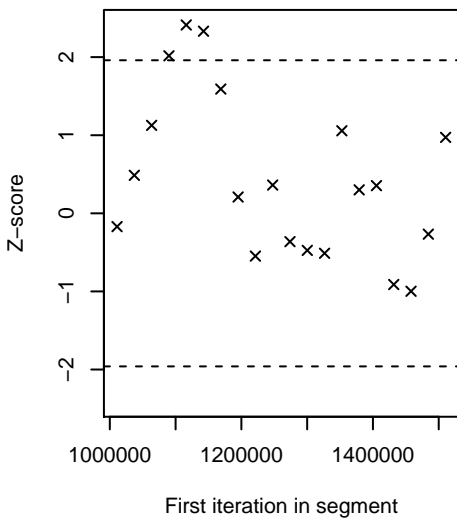
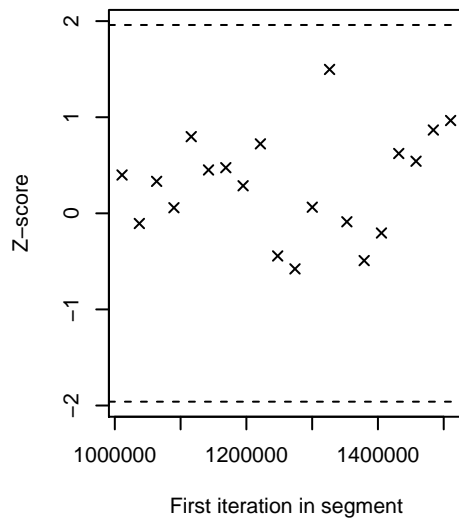
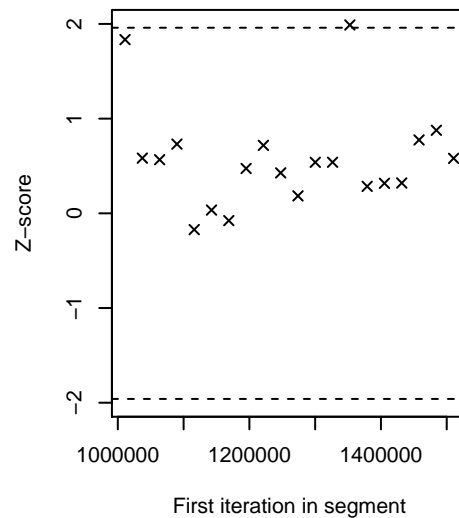


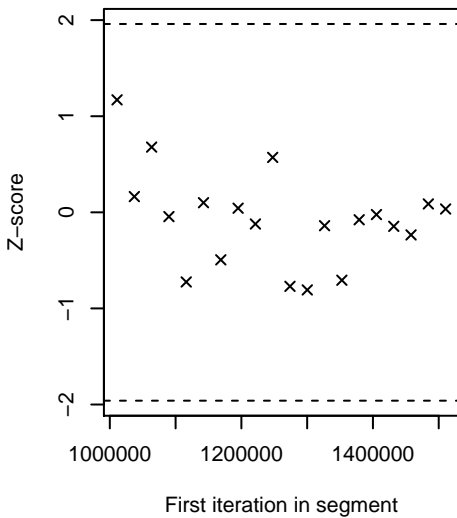
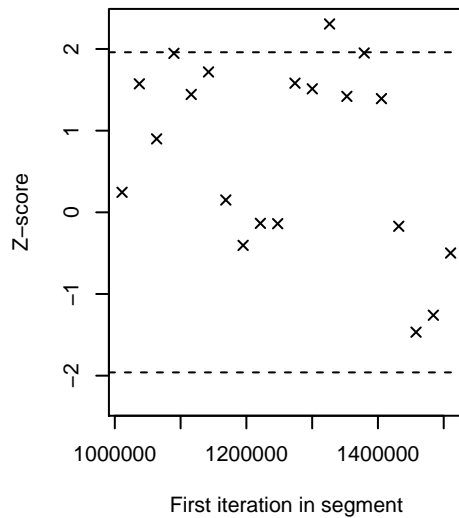
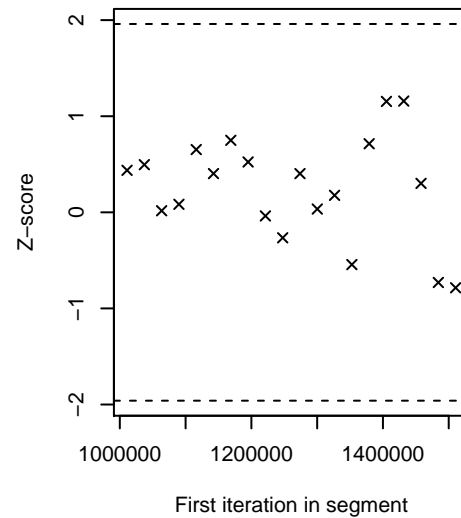
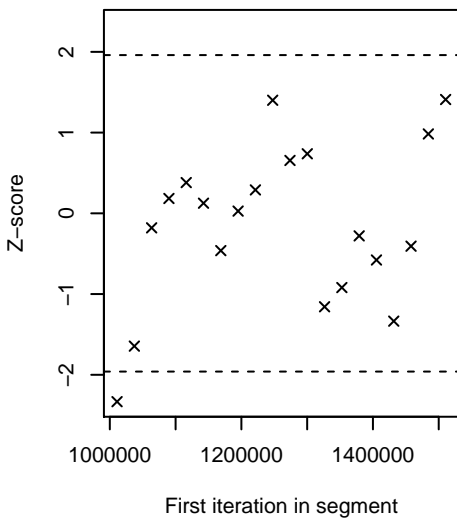
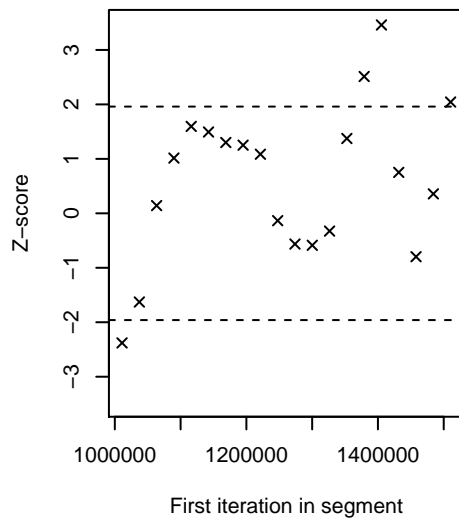
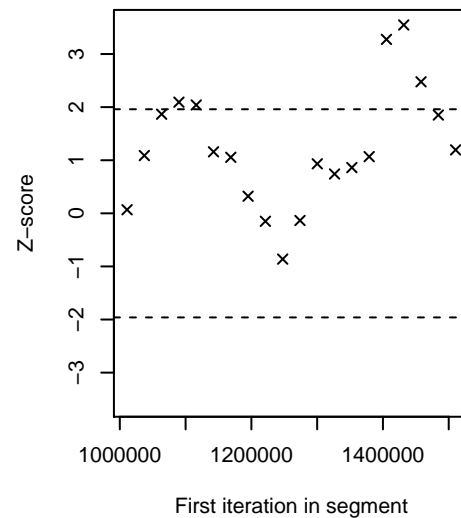
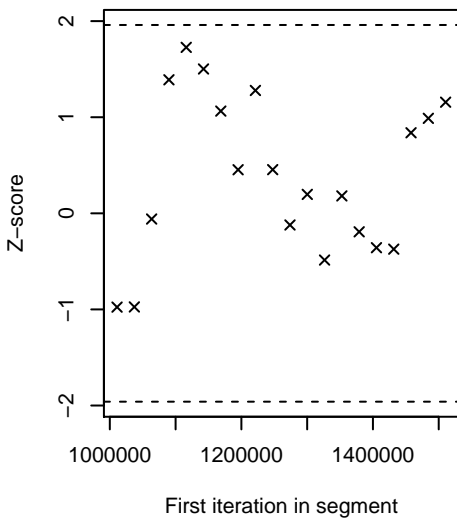
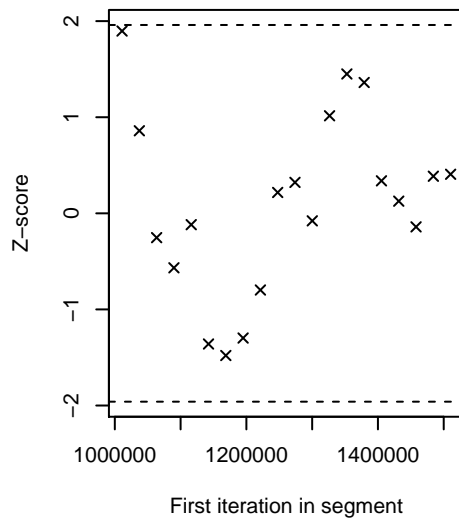
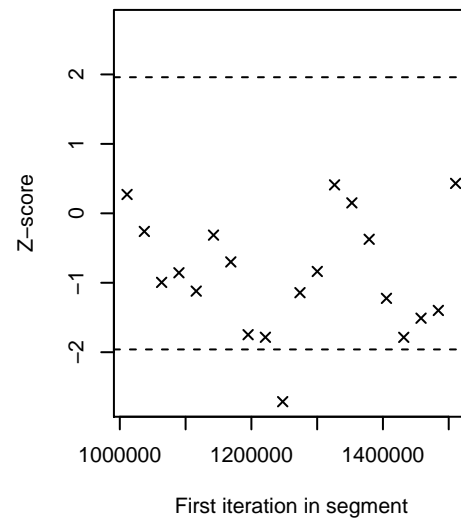
B.sum (chain1)**D.sum (chain1)****H.B[1] (chain1)****H.B[2] (chain1)****H.B[3] (chain1)****H.B[4] (chain1)****H.B[5] (chain1)****H.B[6] (chain1)****H.B[7] (chain1)**

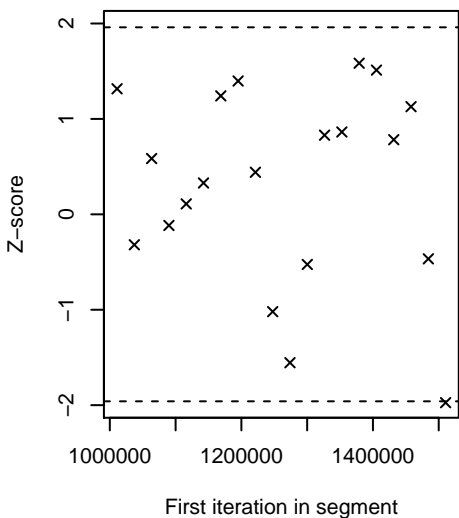
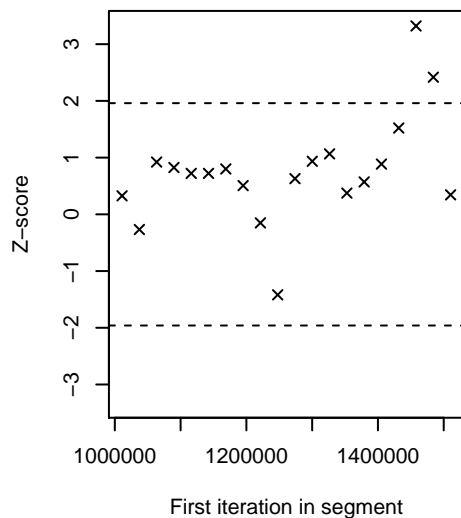
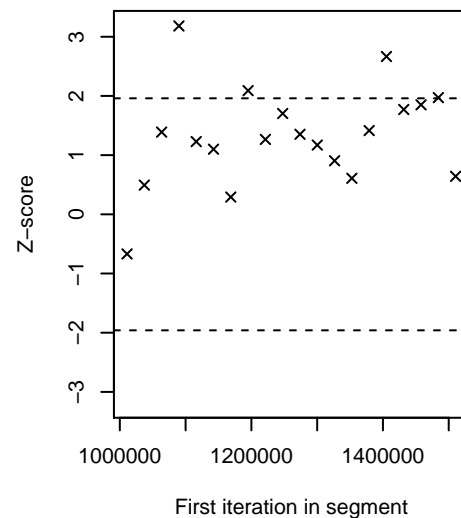
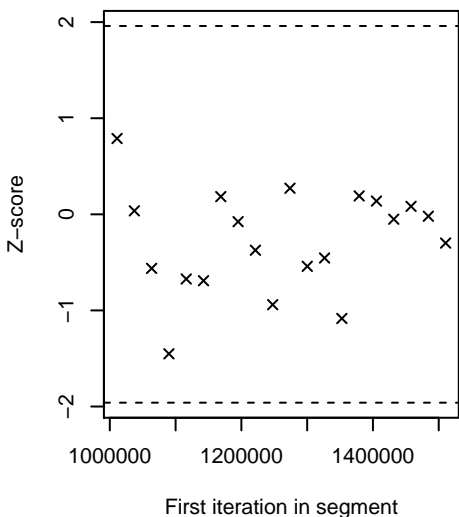
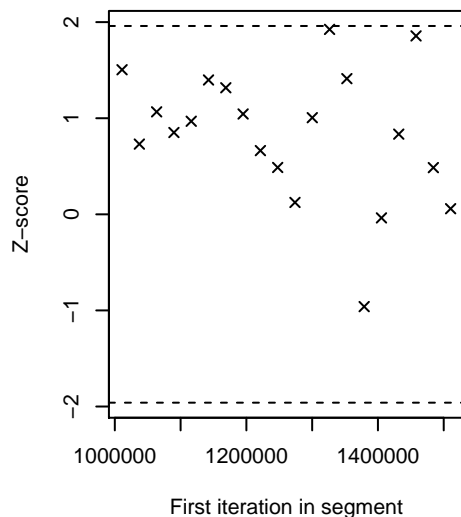
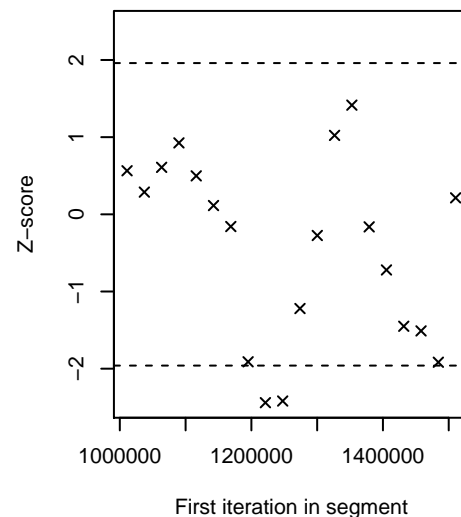
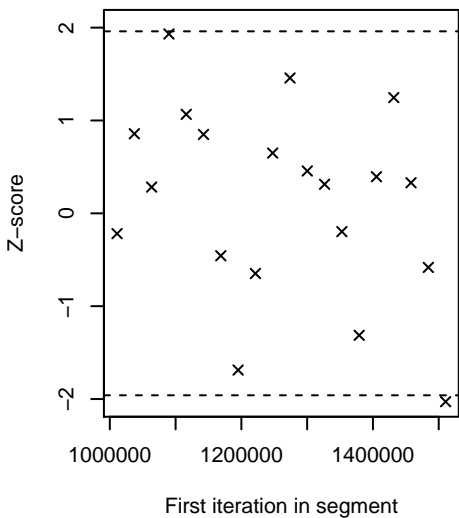
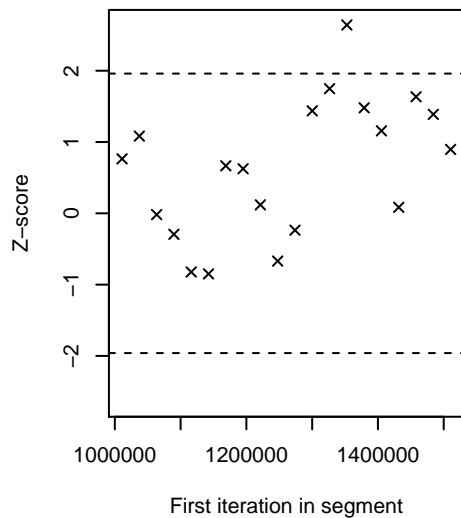
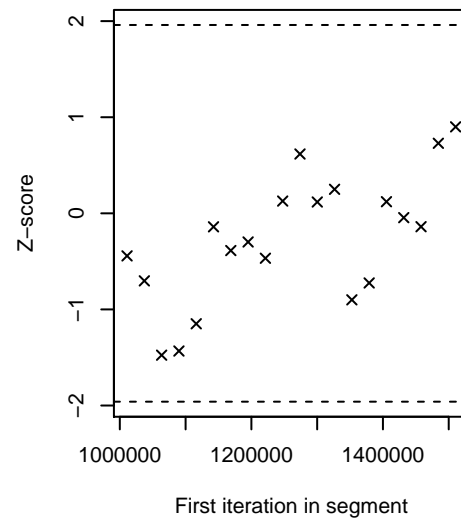
H.B[8] (chain1)**H.B[9] (chain1)****H.B[10] (chain1)****H.B[11] (chain1)****H.B[12] (chain1)****H.B[13] (chain1)****H.B[14] (chain1)****H.B[15] (chain1)****H.B[16] (chain1)**

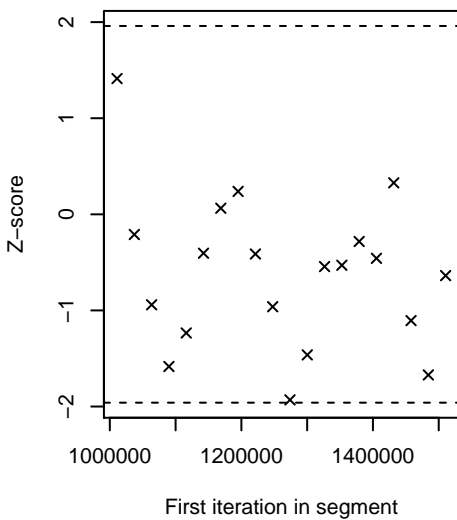
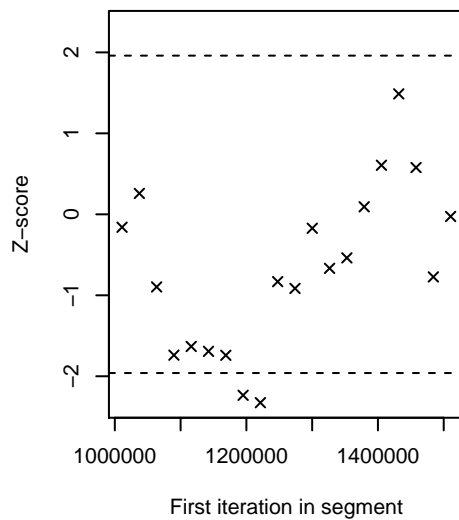
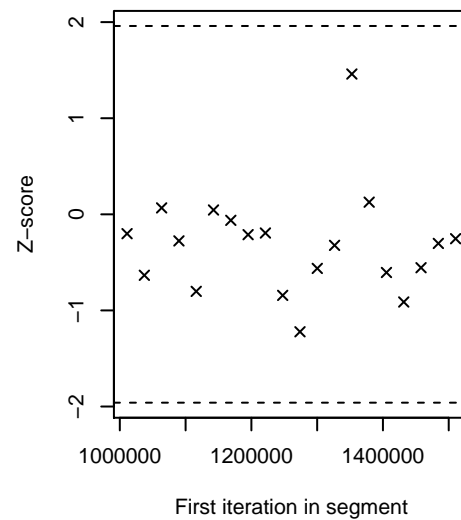
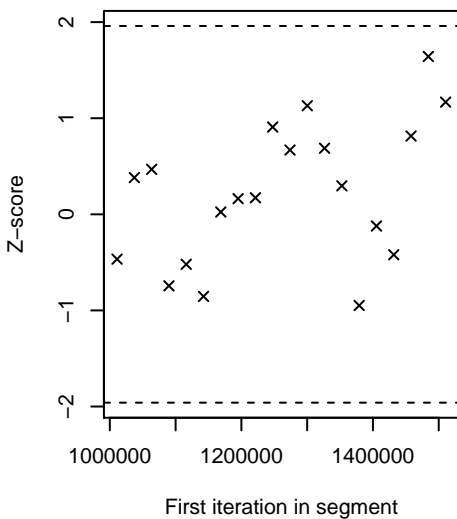
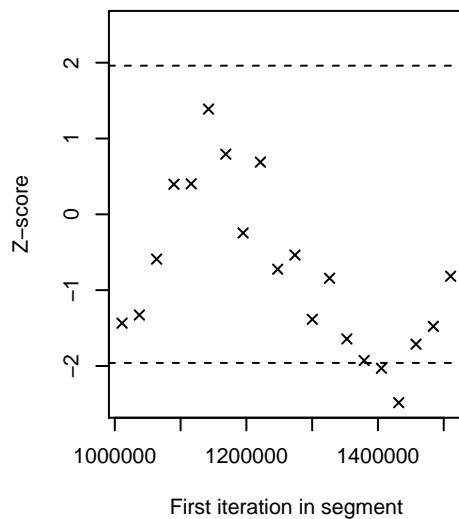
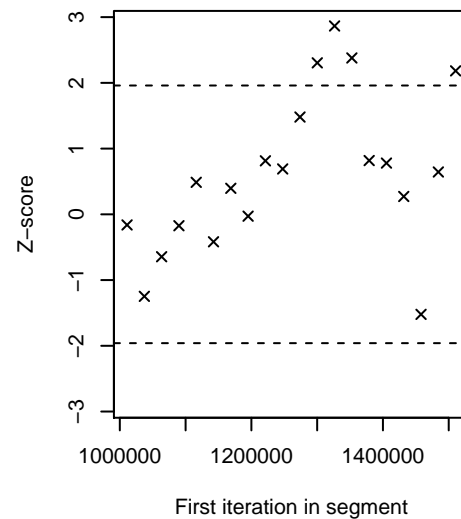
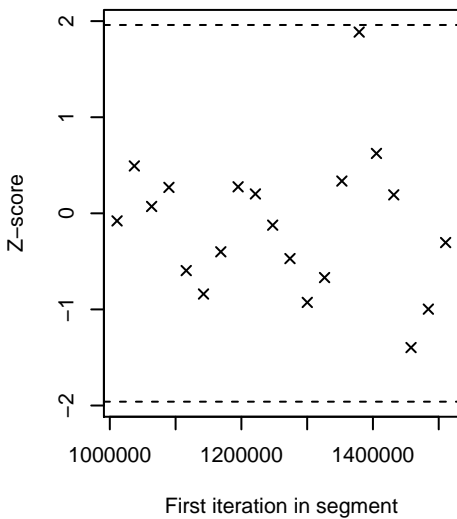
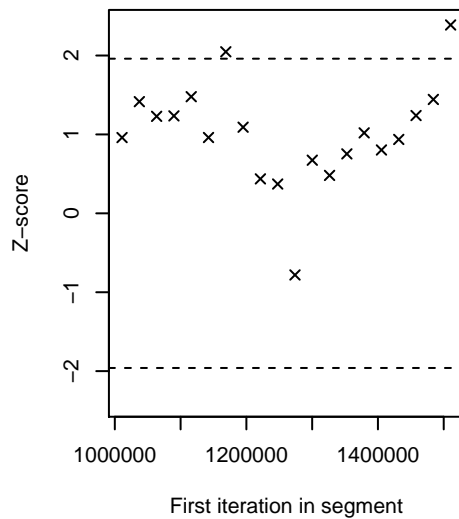
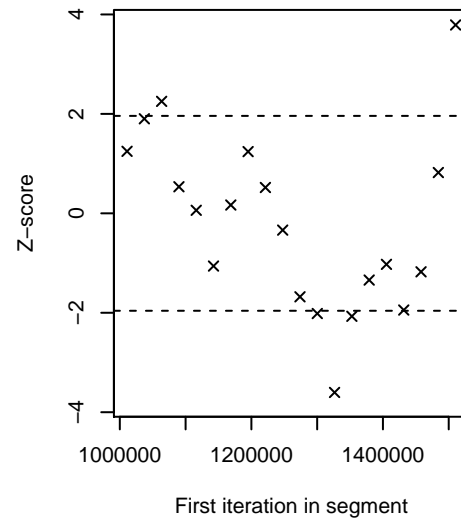
H.B[17] (chain1)**H.B[18] (chain1)****H.B[19] (chain1)****H.B[20] (chain1)****H.B[21] (chain1)****H.B[22] (chain1)****H.B[23] (chain1)****H.B[24] (chain1)****H.B[25] (chain1)**

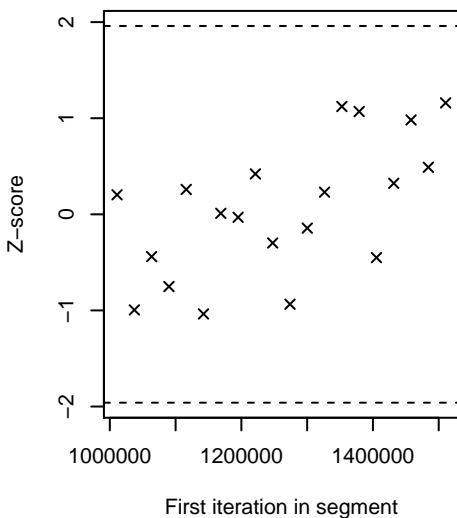
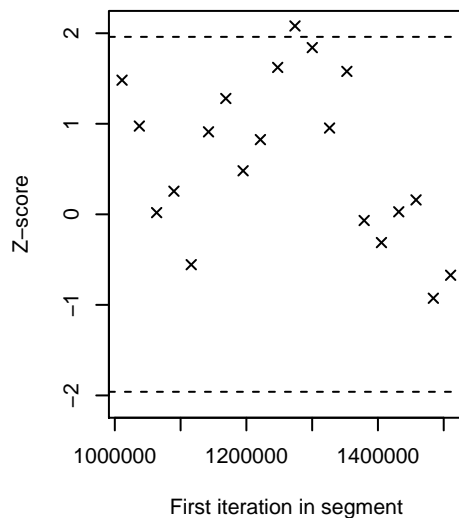
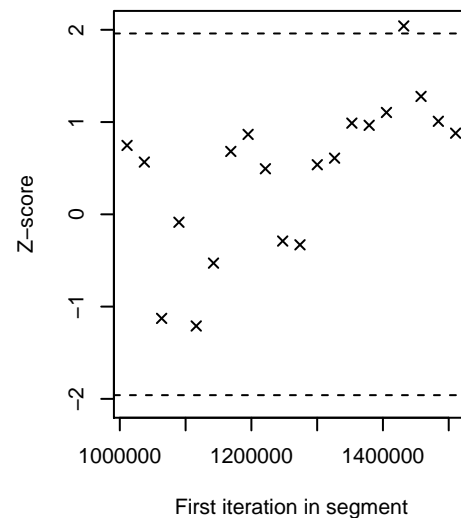
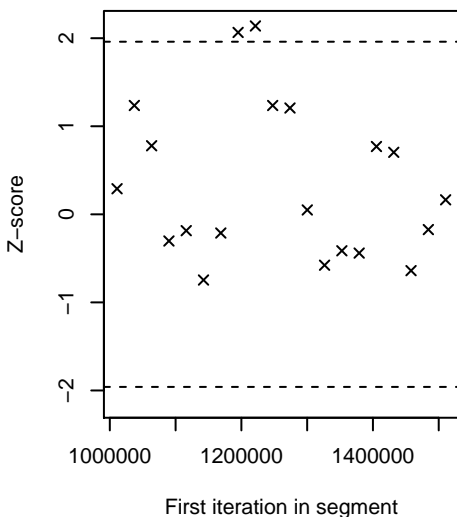
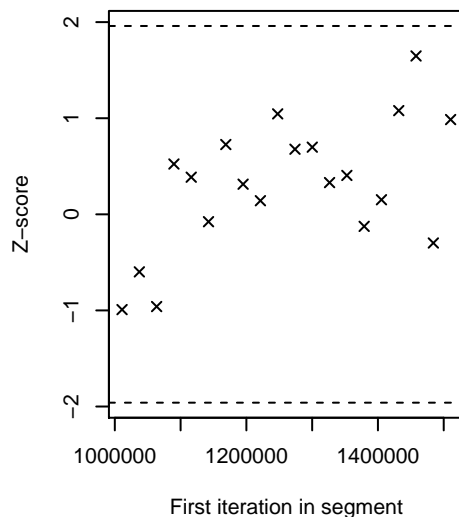
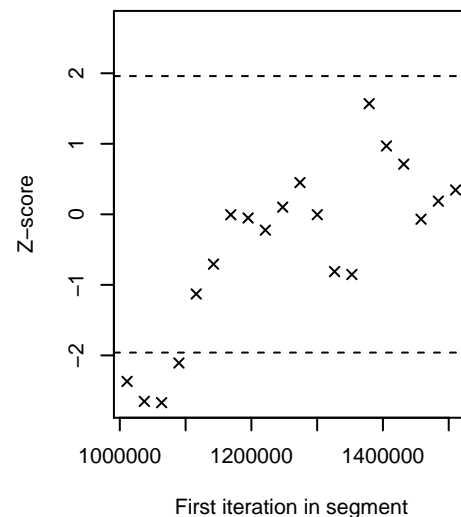
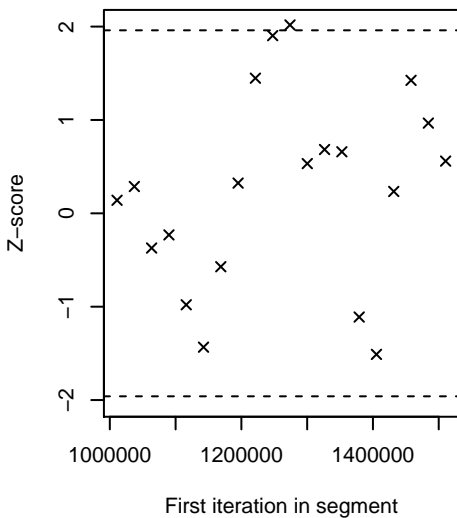
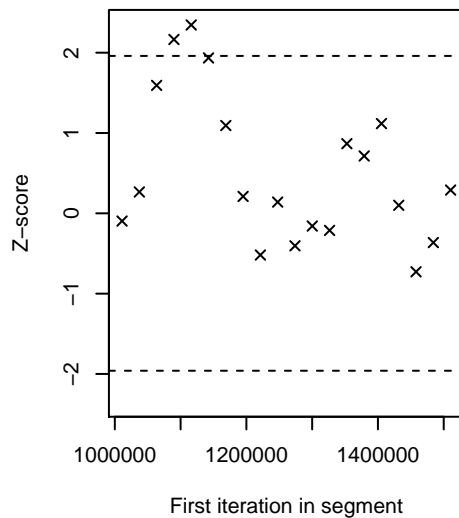
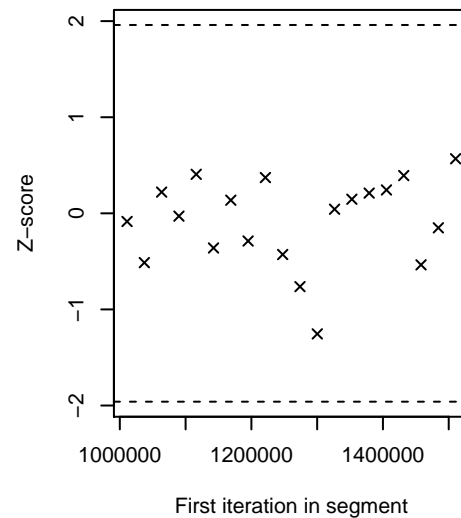
H.B[26] (chain1)**H.B[27] (chain1)****H.B[28] (chain1)****H.B[29] (chain1)****H.B[30] (chain1)****H.B[31] (chain1)****H.B[32] (chain1)****H.B[33] (chain1)****H.B[34] (chain1)**

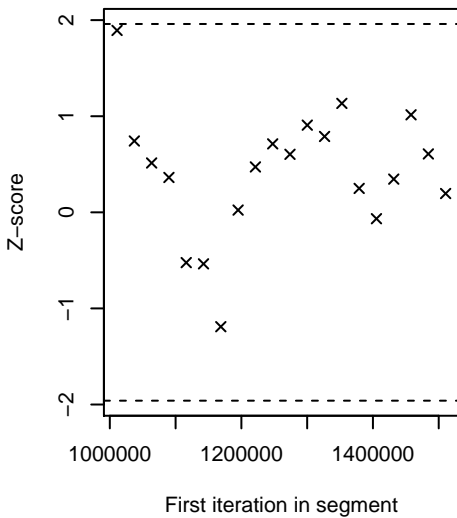
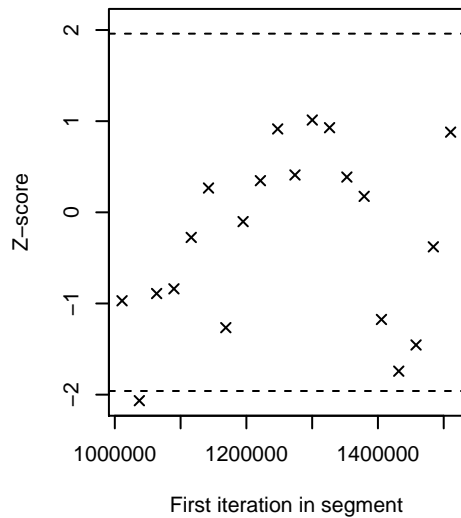
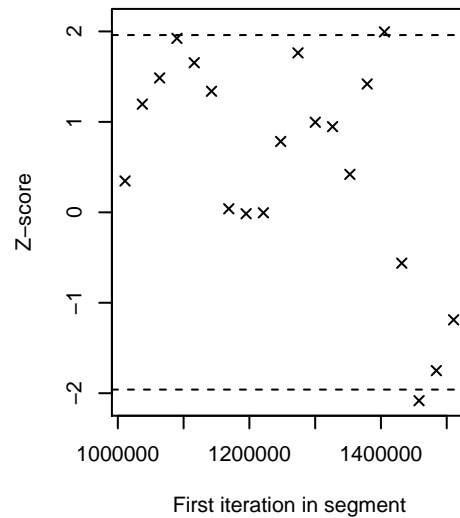
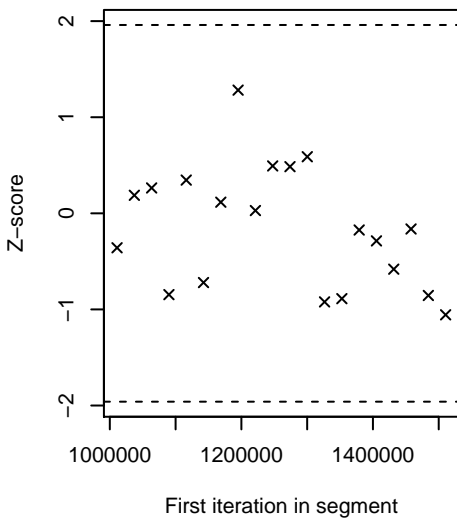
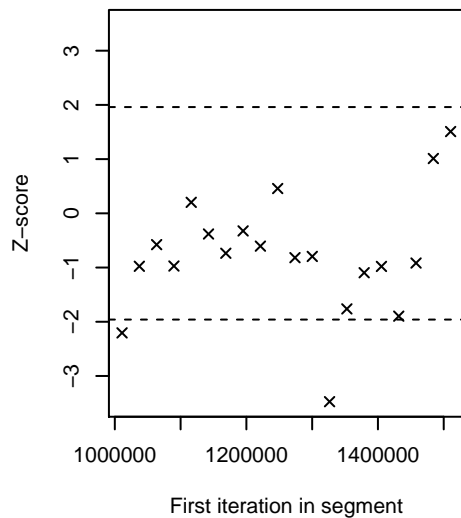
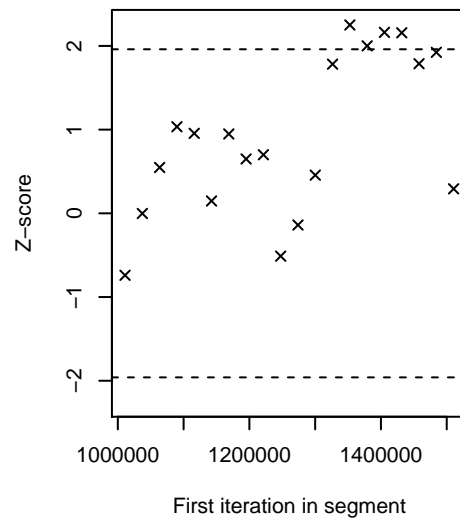
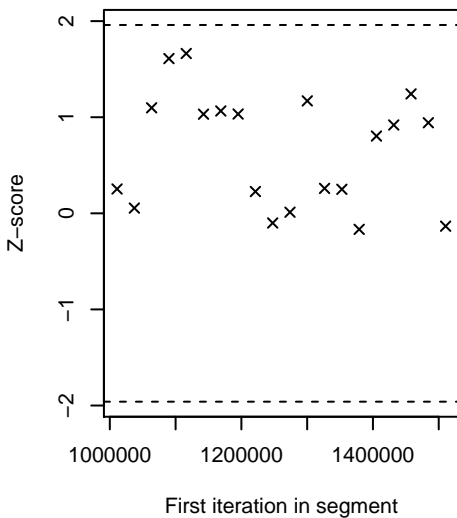
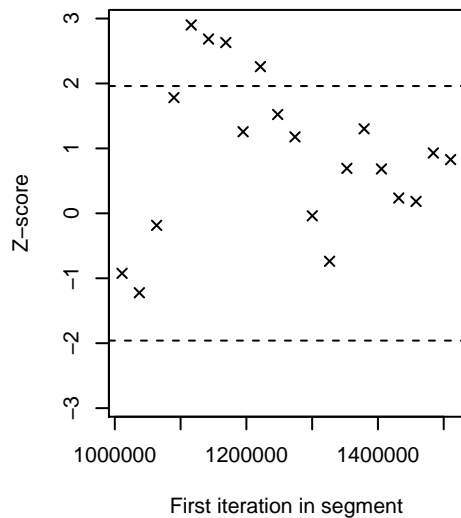
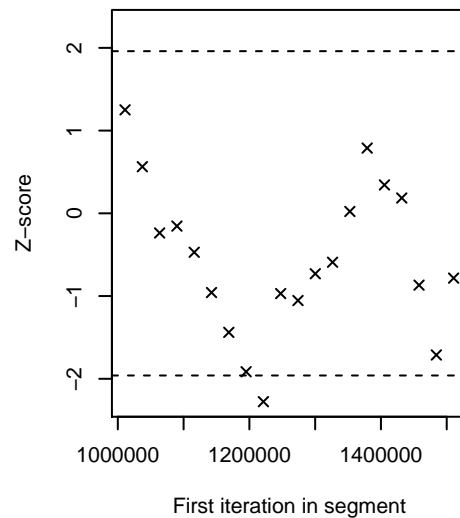
H.B[35] (chain1)**H.B[36] (chain1)****H.B[37] (chain1)****N[1] (chain1)****N[2] (chain1)****N[3] (chain1)****N[4] (chain1)****N[5] (chain1)****N[6] (chain1)**

N[7] (chain1)**N[8] (chain1)****N[9] (chain1)****N[10] (chain1)****N[11] (chain1)****N[12] (chain1)****N[13] (chain1)****N[14] (chain1)****N[15] (chain1)**

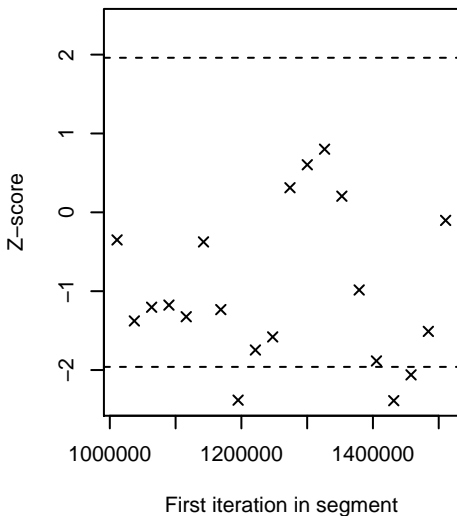
N[16] (chain1)**N[17] (chain1)****N[18] (chain1)****N[19] (chain1)****N[20] (chain1)****N[21] (chain1)****N[22] (chain1)****N[23] (chain1)****N[24] (chain1)**

N[25] (chain1)**N[26] (chain1)****N[27] (chain1)****N[28] (chain1)****N[29] (chain1)****N[30] (chain1)****N[31] (chain1)****N[32] (chain1)****N[33] (chain1)**

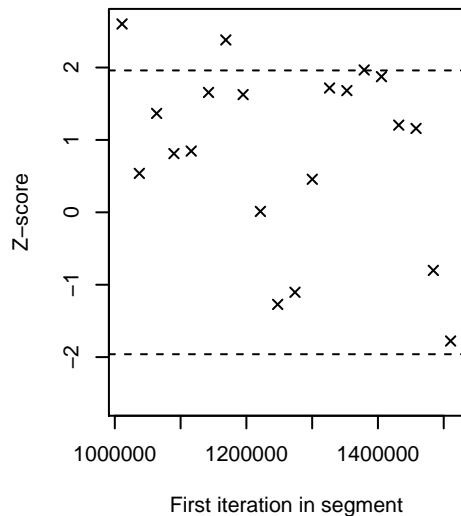
N[34] (chain1)**N[35] (chain1)****N[36] (chain1)****N[37] (chain1)****N.ya[1,1] (chain1)****N.ya[2,1] (chain1)****N.ya[3,1] (chain1)****N.ya[4,1] (chain1)****N.ya[5,1] (chain1)**

N.ya[6,1] (chain1)**N.ya[7,1] (chain1)****N.ya[8,1] (chain1)****N.ya[9,1] (chain1)****N.ya[10,1] (chain1)****N.ya[11,1] (chain1)****N.ya[12,1] (chain1)****N.ya[13,1] (chain1)****N.ya[14,1] (chain1)**

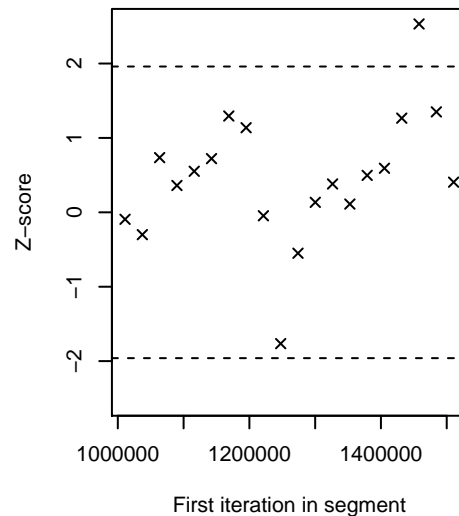
N.ya[15,1] (chain1)



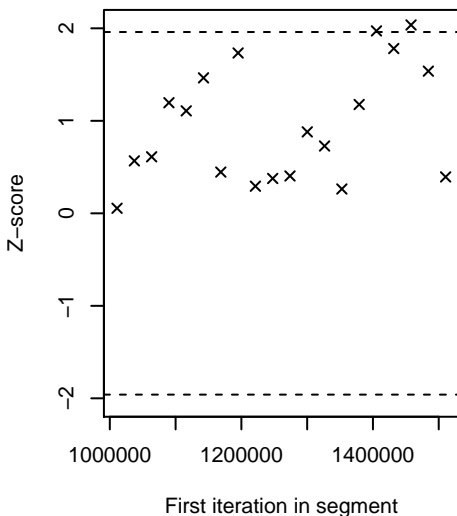
N.ya[16,1] (chain1)



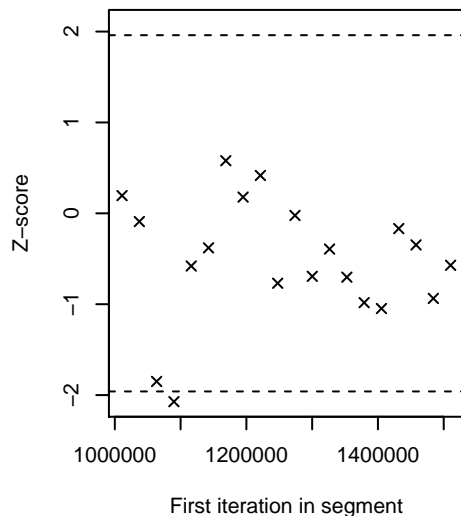
N.ya[17,1] (chain1)



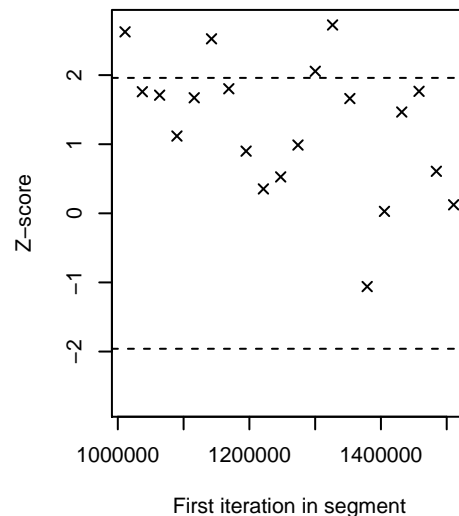
N.ya[18,1] (chain1)



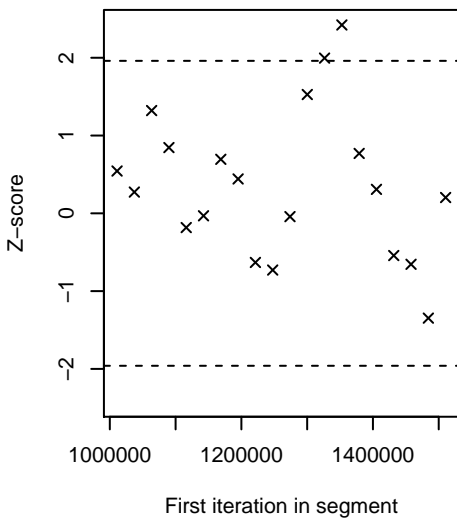
N.ya[19,1] (chain1)



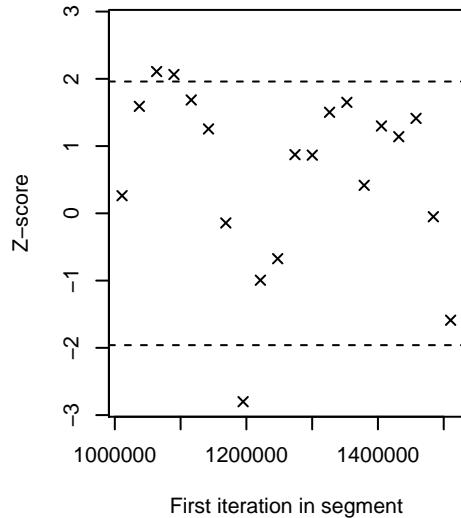
N.ya[20,1] (chain1)



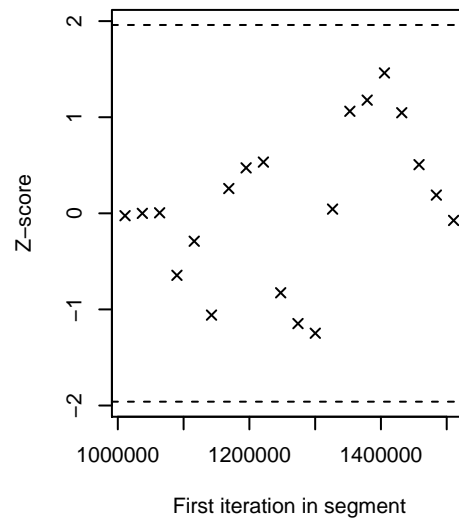
N.ya[21,1] (chain1)



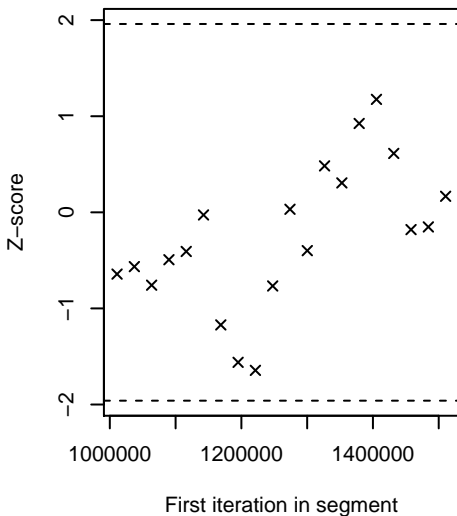
N.ya[22,1] (chain1)



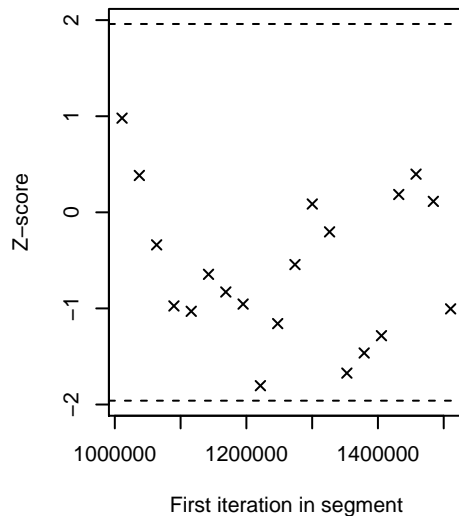
N.ya[23,1] (chain1)



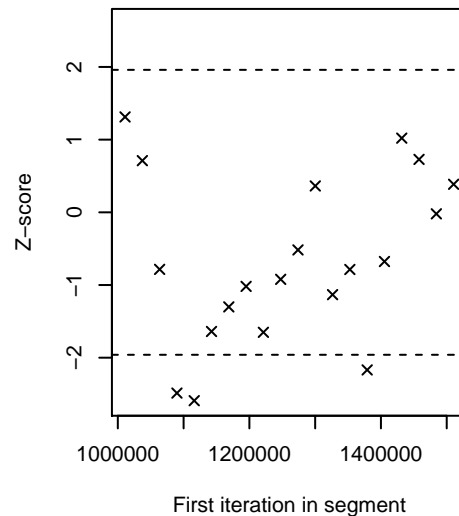
N.ya[24,1] (chain1)



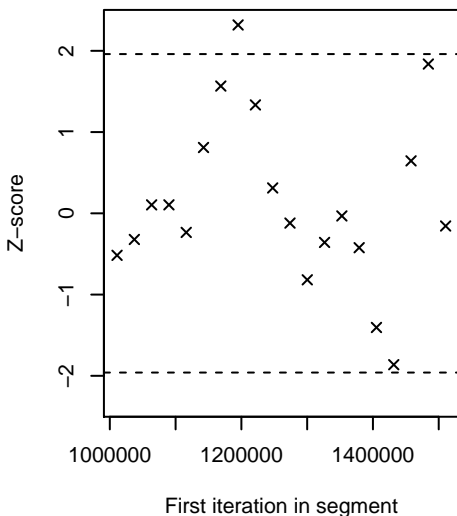
N.ya[25,1] (chain1)



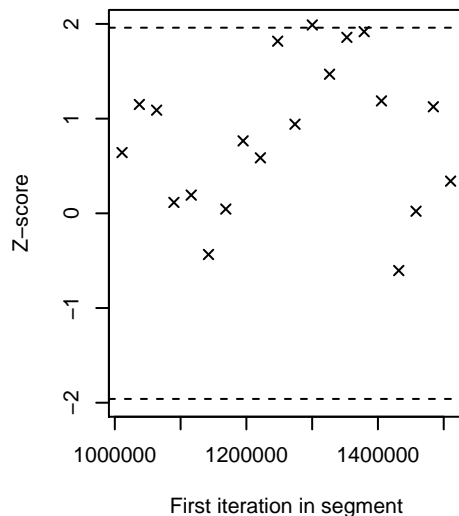
N.ya[26,1] (chain1)



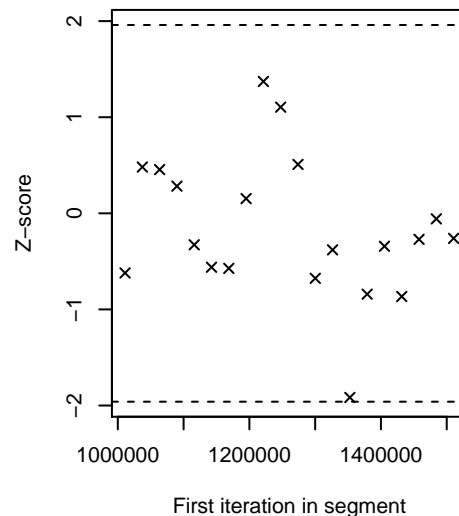
N.ya[27,1] (chain1)



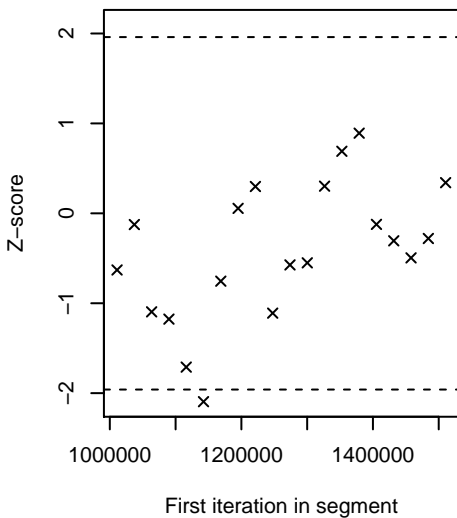
N.ya[28,1] (chain1)



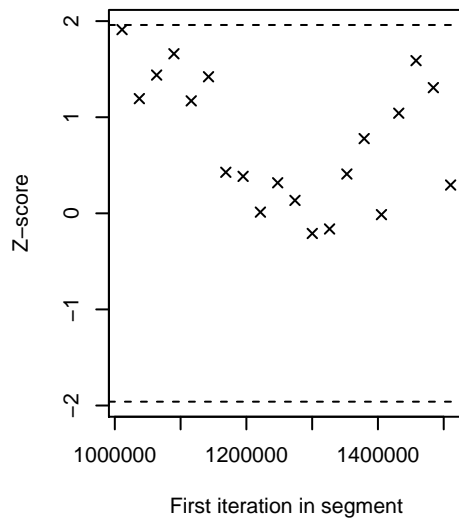
N.ya[29,1] (chain1)



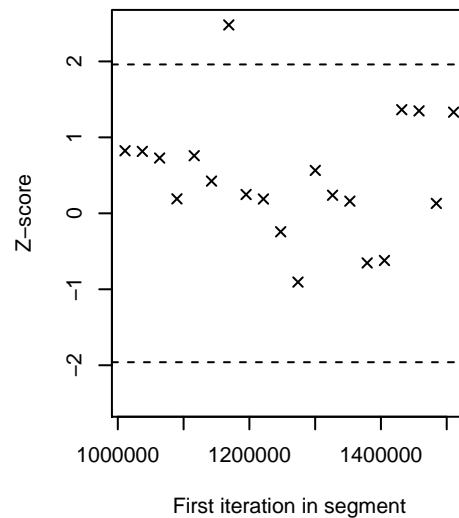
N.ya[30,1] (chain1)



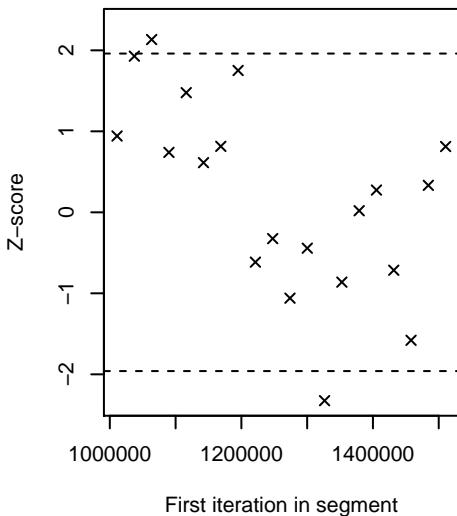
N.ya[31,1] (chain1)



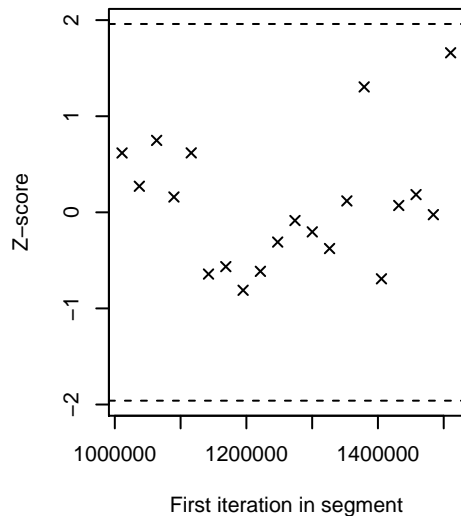
N.ya[32,1] (chain1)



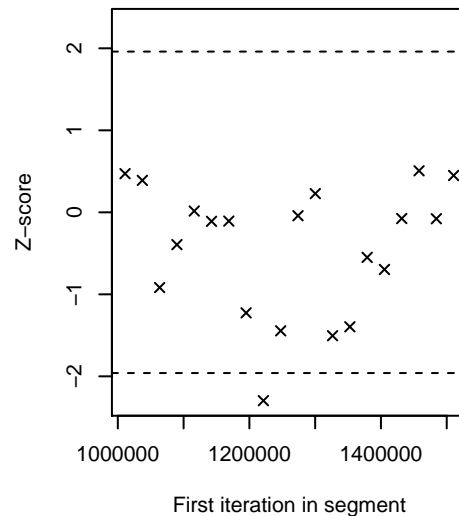
N.ya[33,1] (chain1)



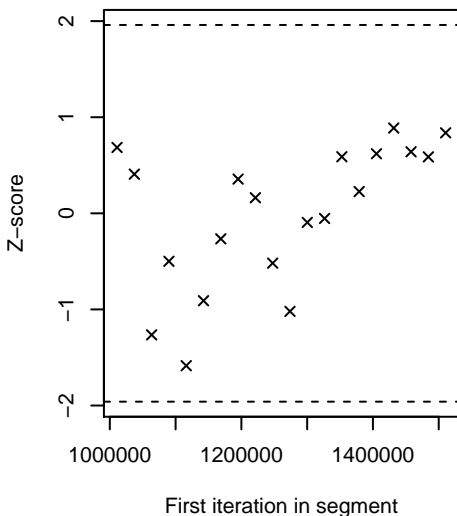
N.ya[34,1] (chain1)



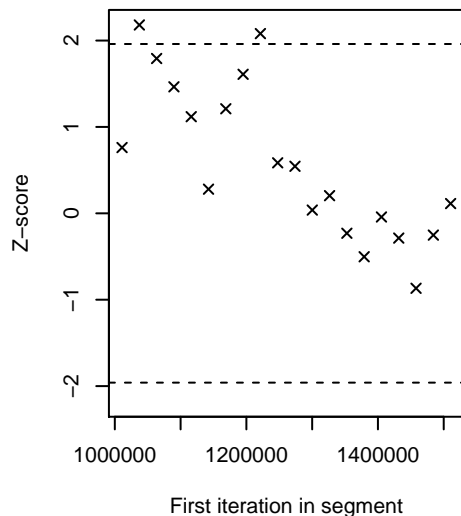
N.ya[35,1] (chain1)



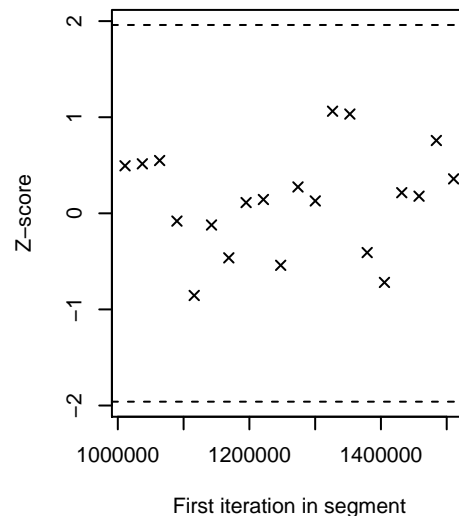
N.ya[36,1] (chain1)



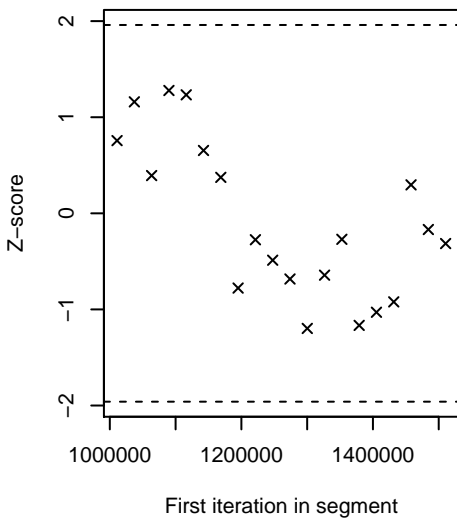
N.ya[37,1] (chain1)



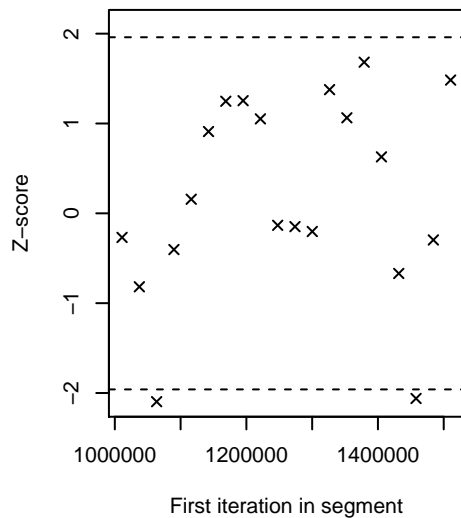
N.ya[1,2] (chain1)



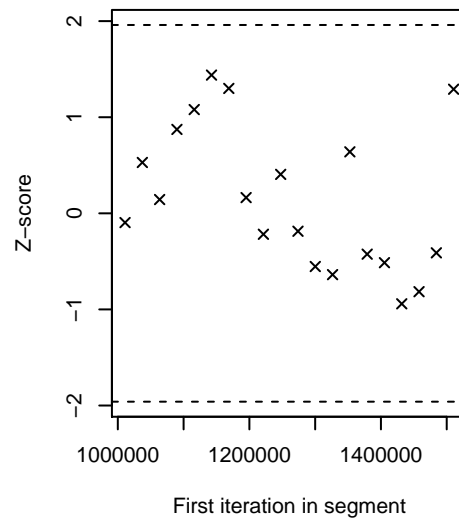
N.ya[2,2] (chain1)

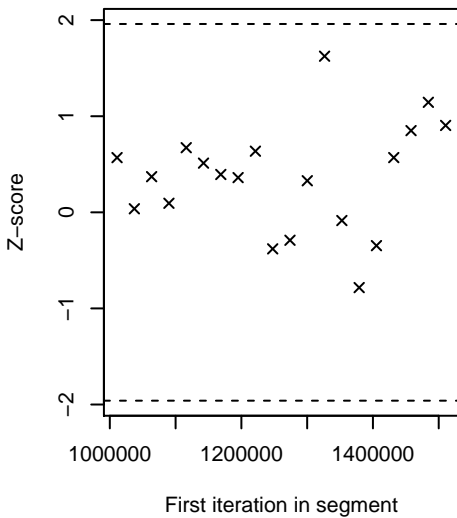
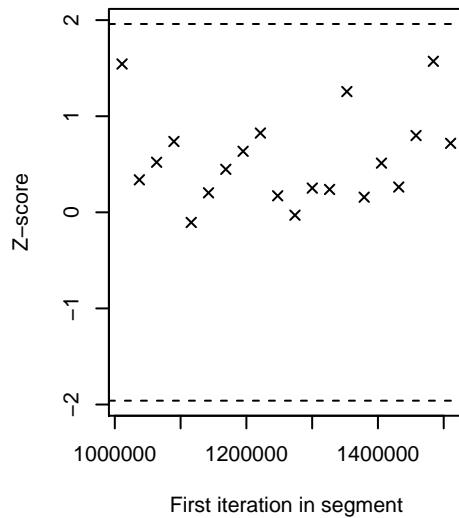
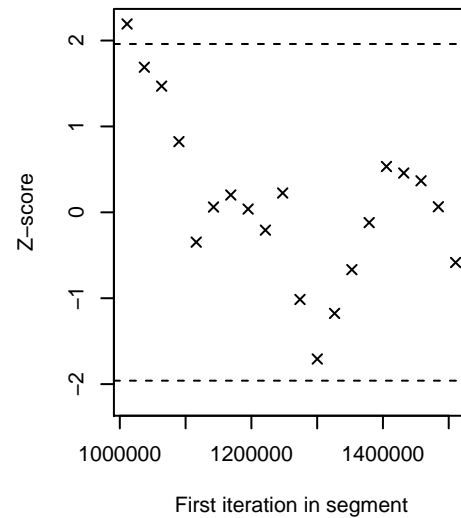
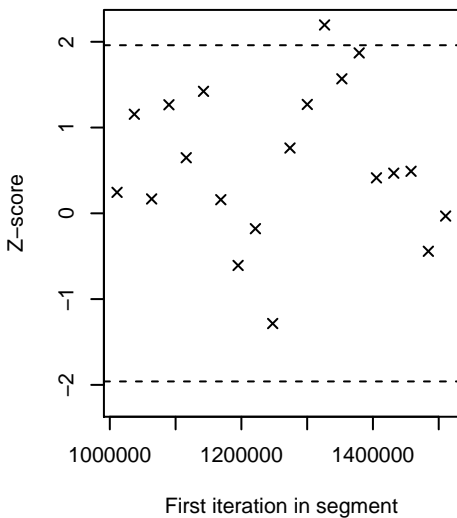
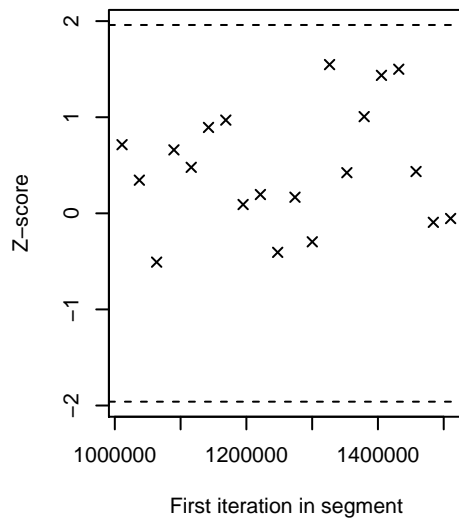
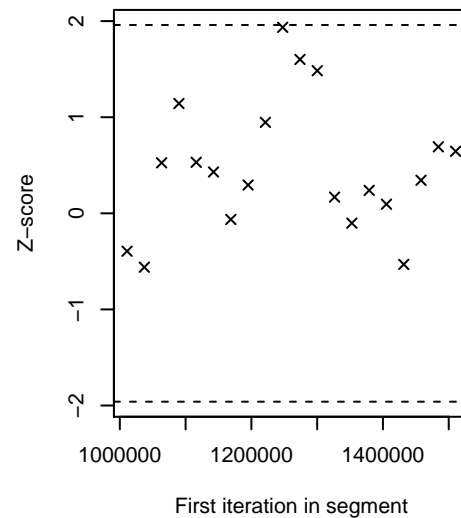
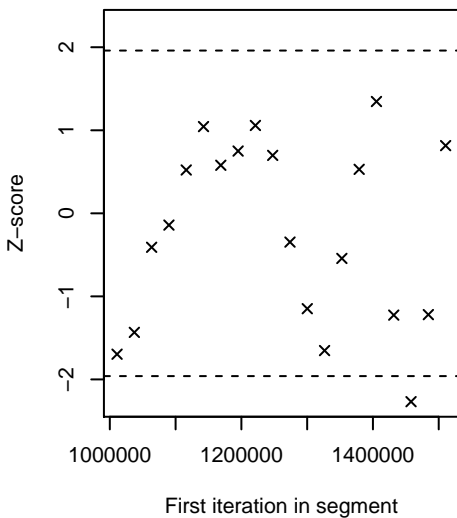
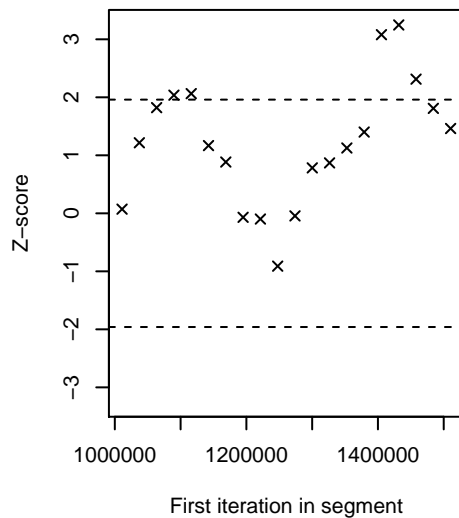
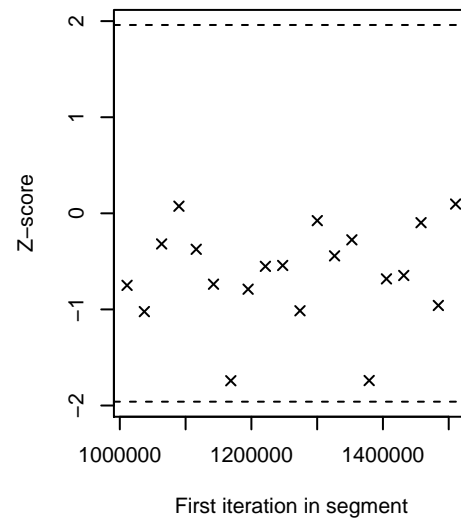


N.ya[3,2] (chain1)

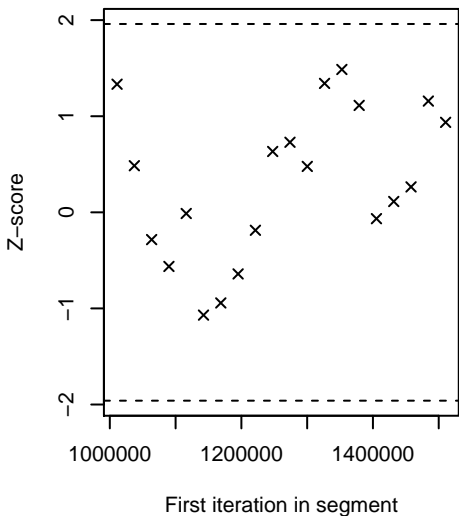


N.ya[4,2] (chain1)

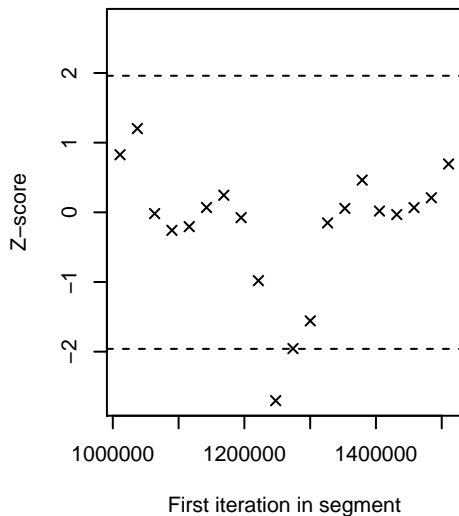


N.ya[5,2] (chain1)**N.ya[6,2] (chain1)****N.ya[7,2] (chain1)****N.ya[8,2] (chain1)****N.ya[9,2] (chain1)****N.ya[10,2] (chain1)****N.ya[11,2] (chain1)****N.ya[12,2] (chain1)****N.ya[13,2] (chain1)**

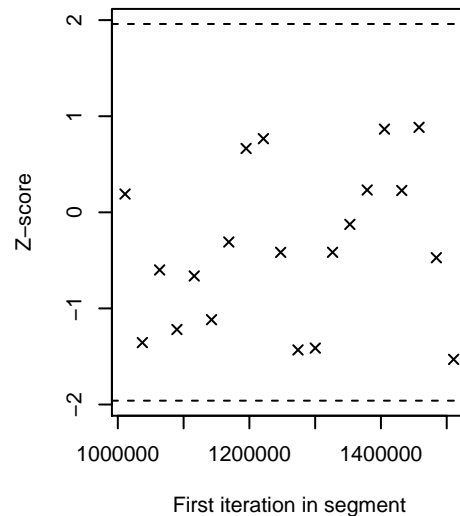
N.ya[14,2] (chain1)



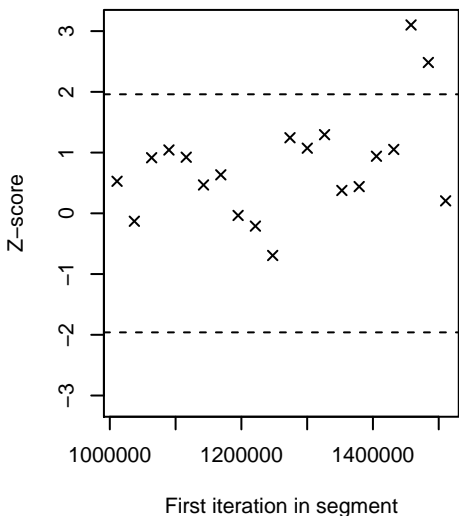
N.ya[15,2] (chain1)



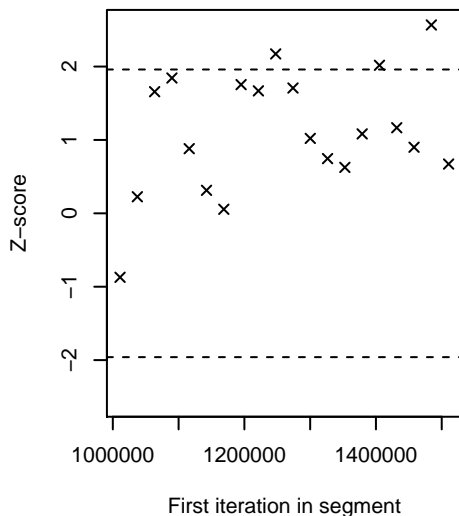
N.ya[16,2] (chain1)



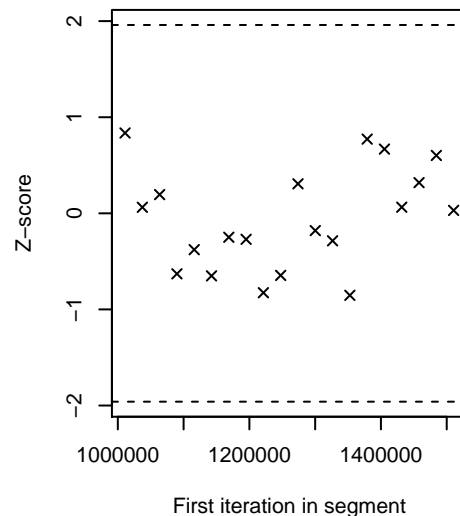
N.ya[17,2] (chain1)



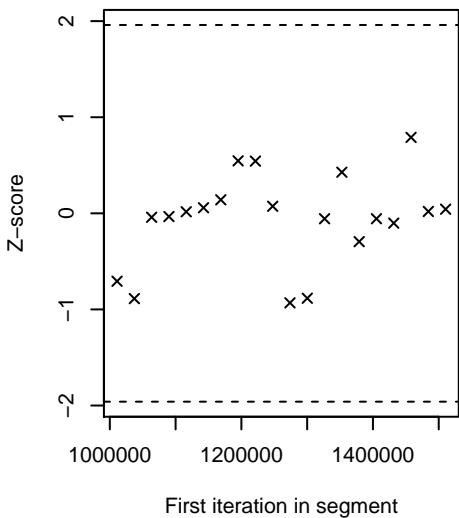
N.ya[18,2] (chain1)



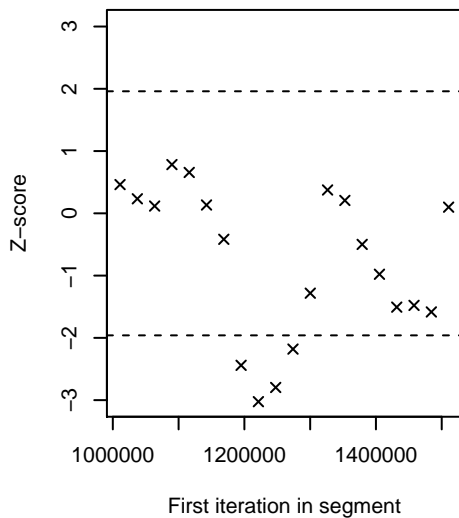
N.ya[19,2] (chain1)



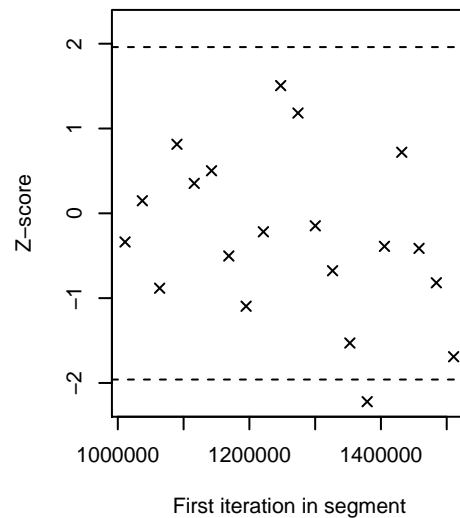
N.ya[20,2] (chain1)



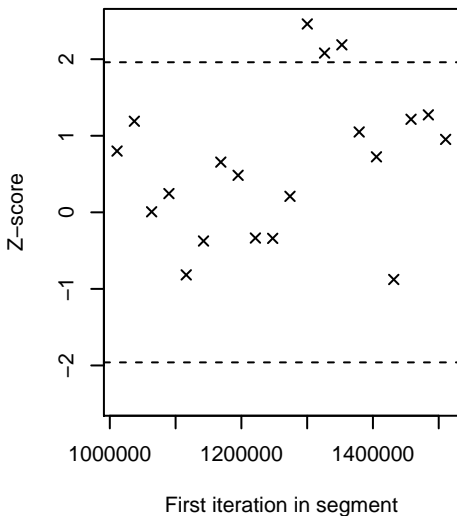
N.ya[21,2] (chain1)



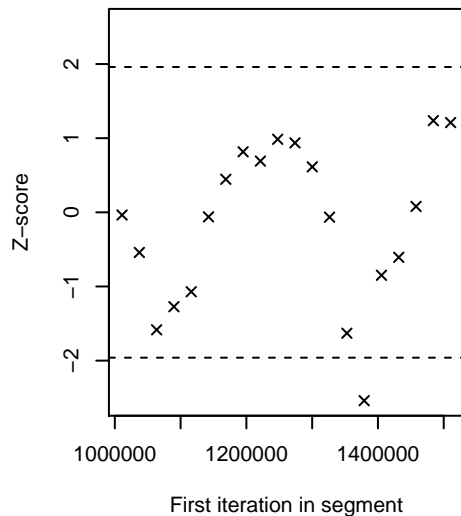
N.ya[22,2] (chain1)



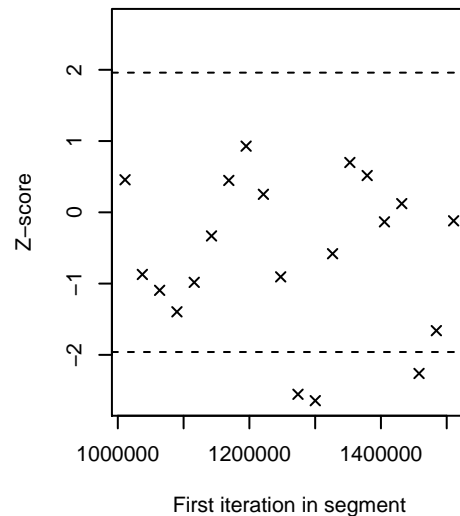
N.ya[23,2] (chain1)



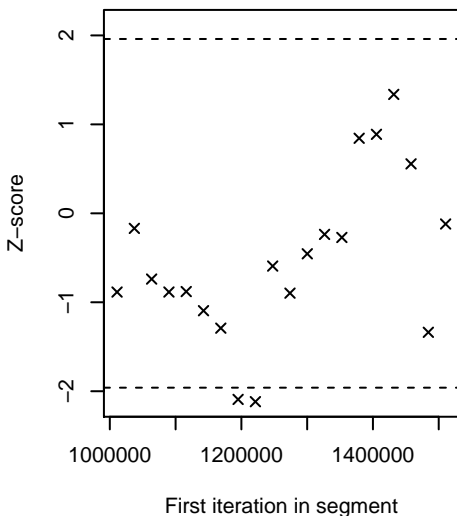
N.ya[24,2] (chain1)



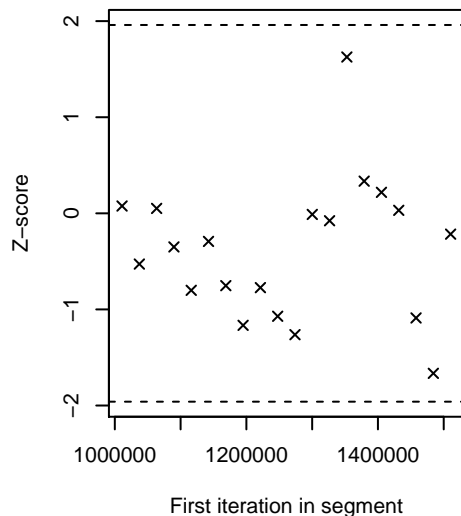
N.ya[25,2] (chain1)



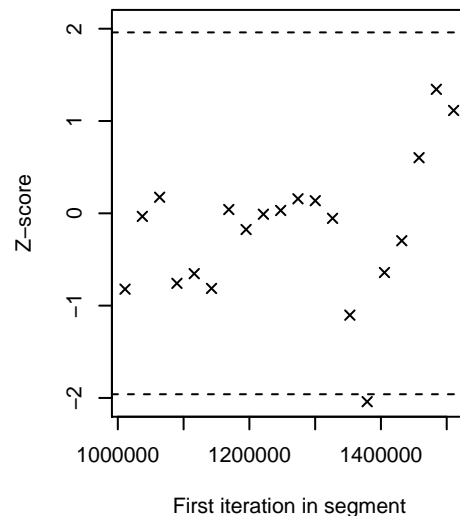
N.ya[26,2] (chain1)



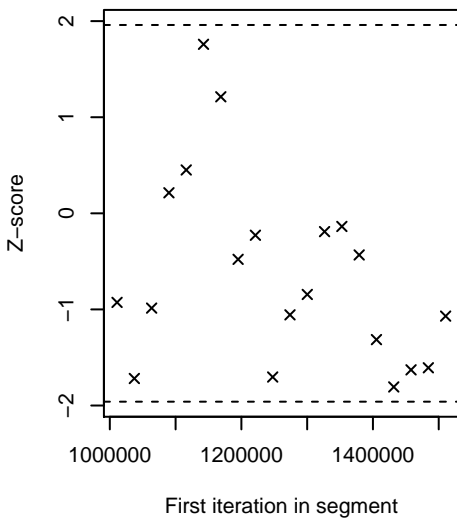
N.ya[27,2] (chain1)



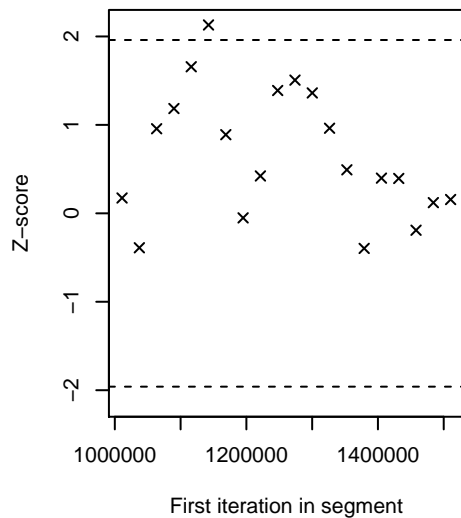
N.ya[28,2] (chain1)



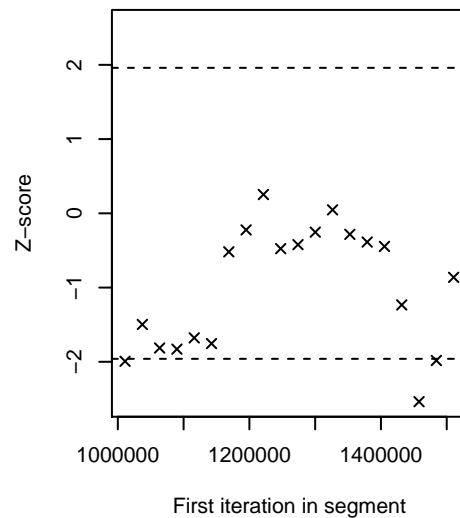
N.ya[29,2] (chain1)



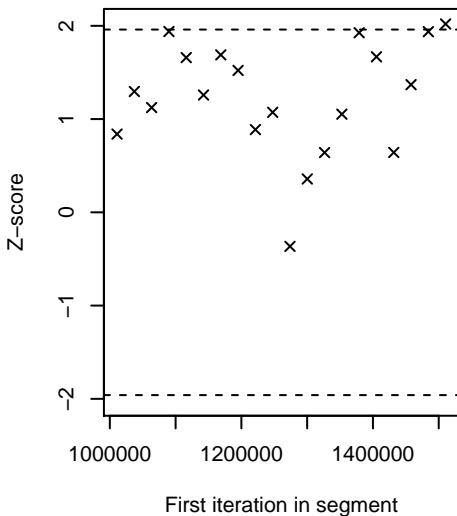
N.ya[30,2] (chain1)



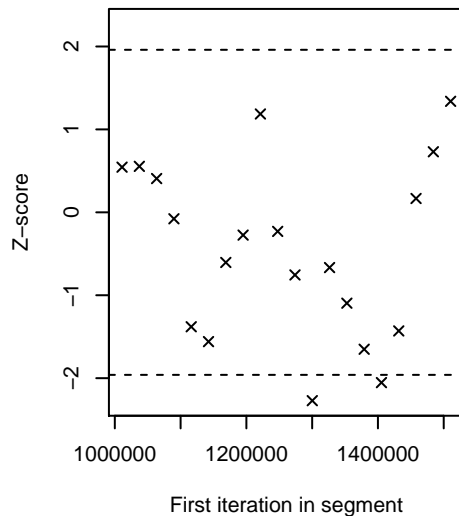
N.ya[31,2] (chain1)



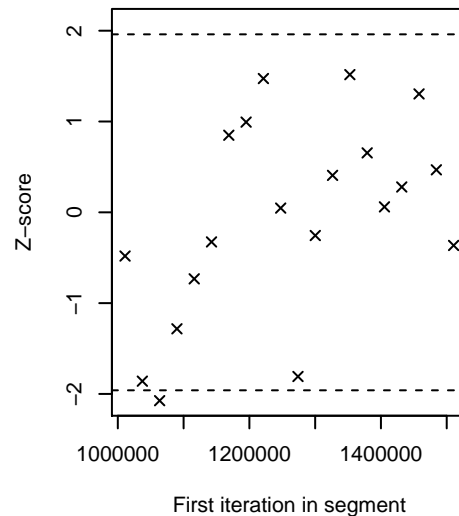
N.ya[32,2] (chain1)



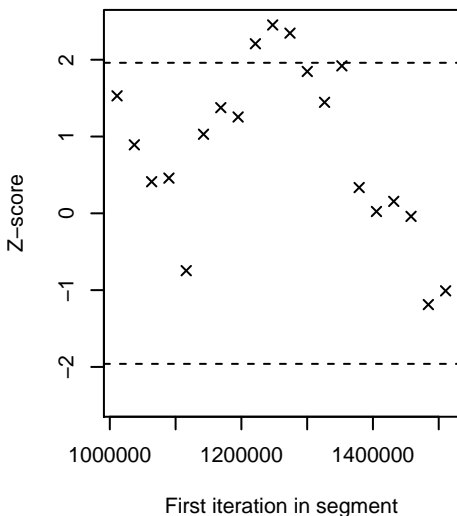
N.ya[33,2] (chain1)



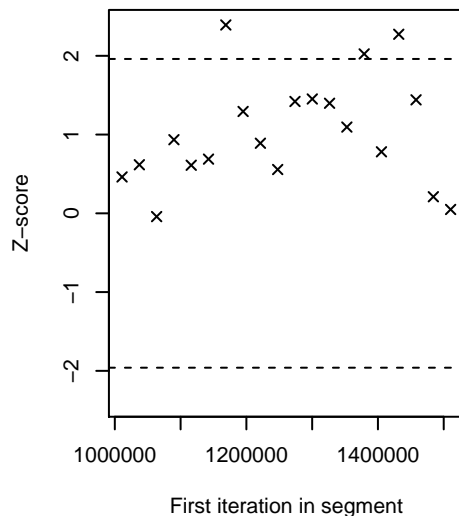
N.ya[34,2] (chain1)



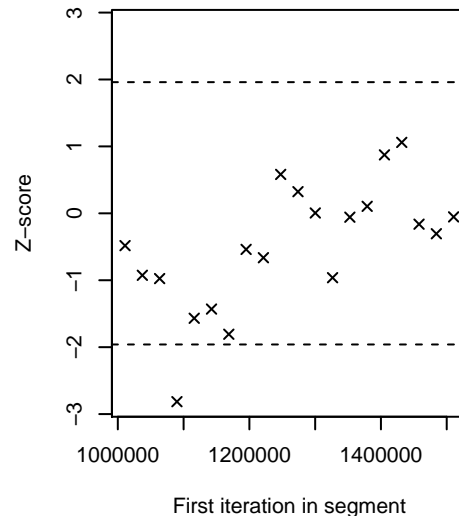
N.ya[35,2] (chain1)



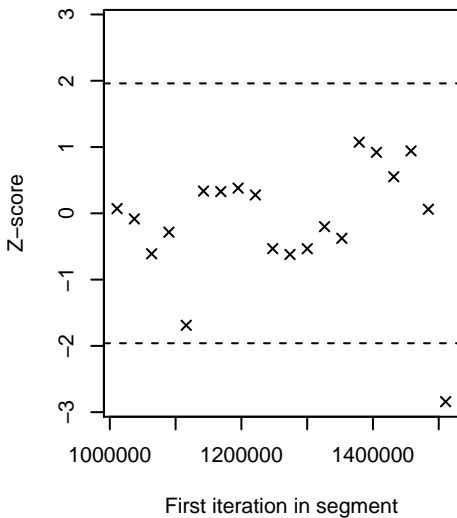
N.ya[36,2] (chain1)



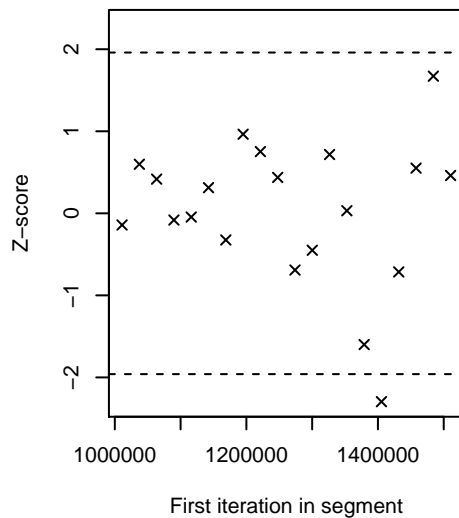
N.ya[37,2] (chain1)



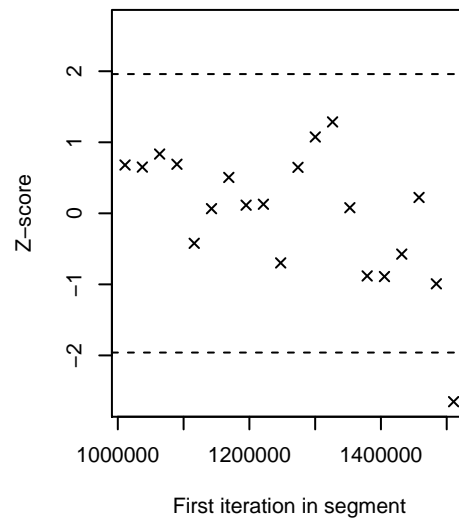
N.ya[1,3] (chain1)

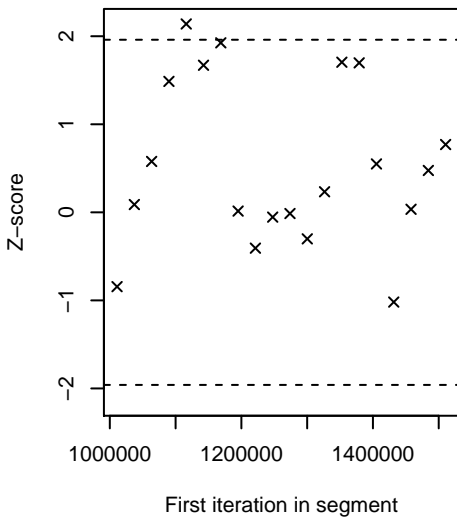
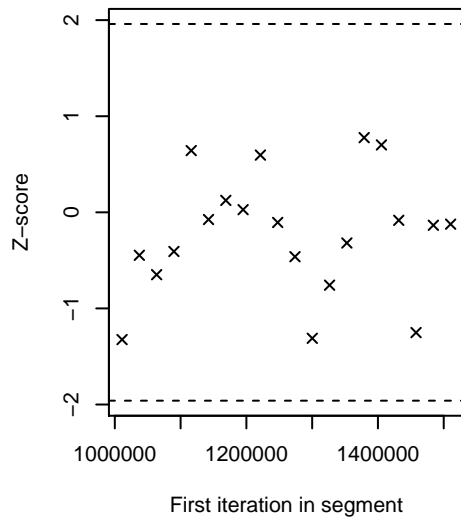
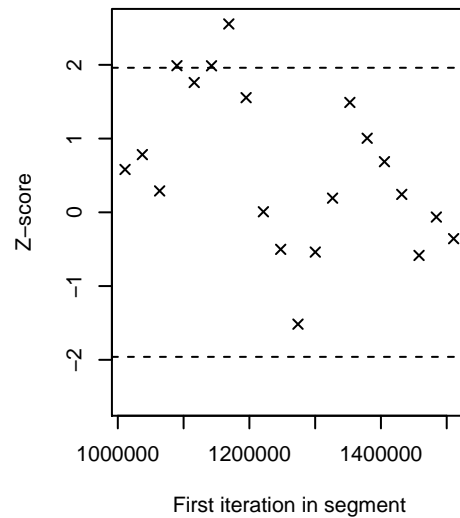
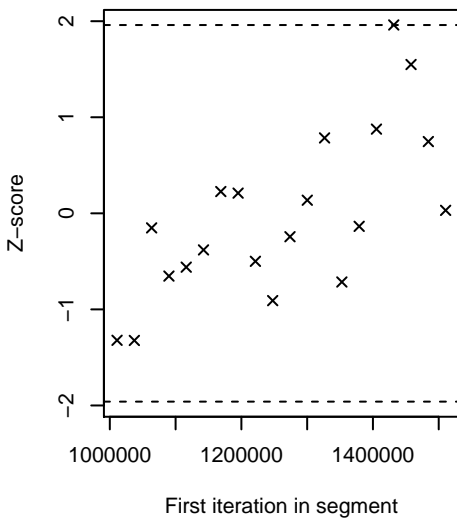
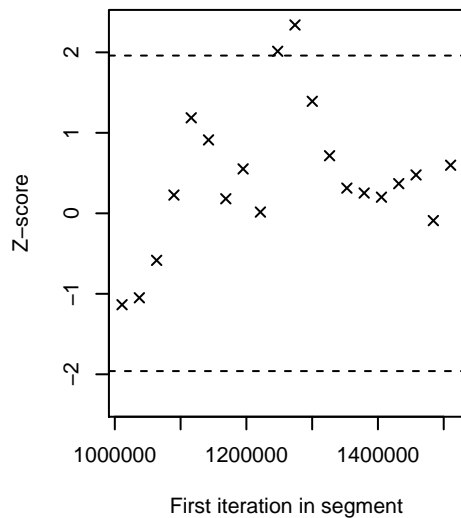
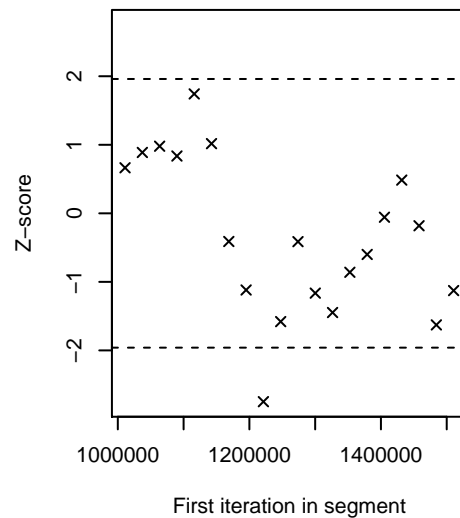
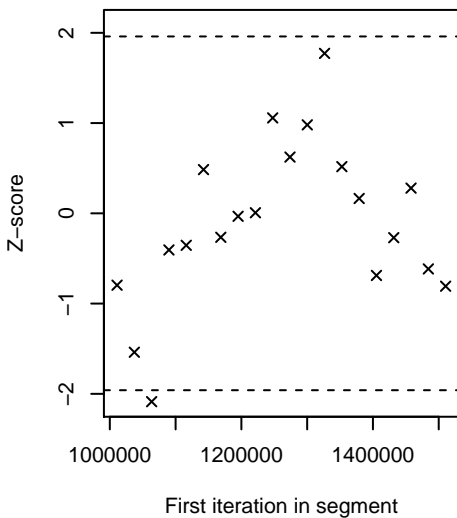
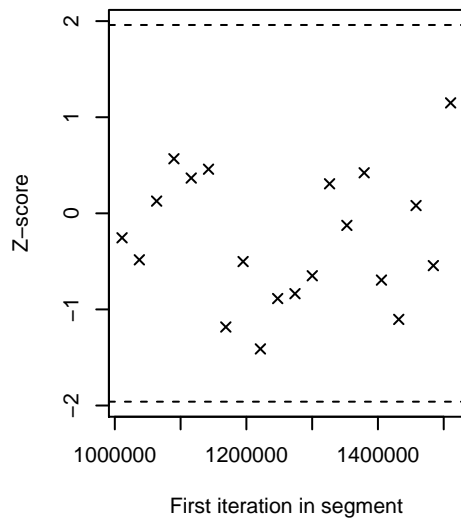
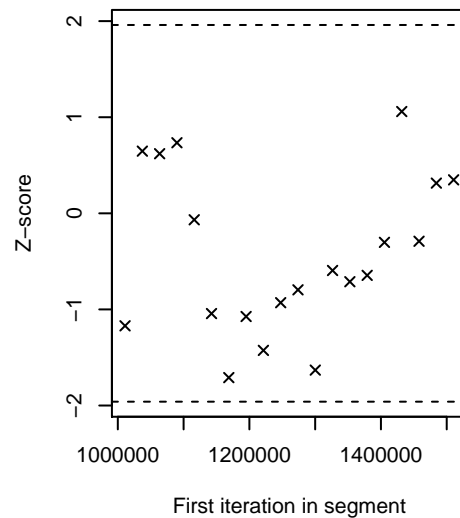


N.ya[2,3] (chain1)

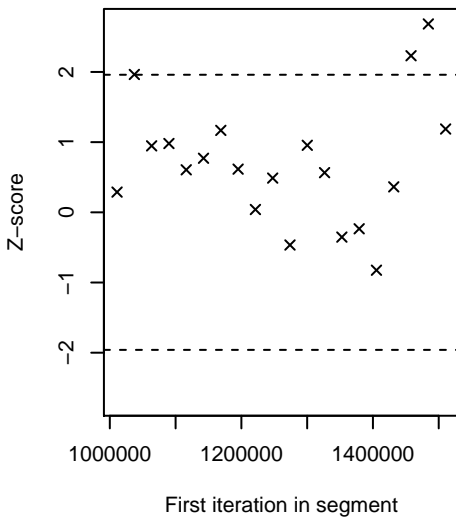


N.ya[3,3] (chain1)

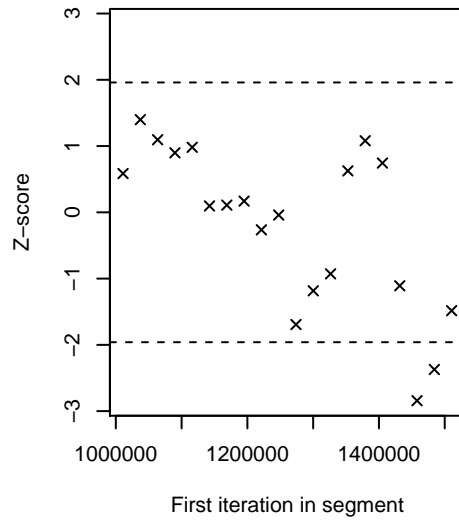


N.ya[4,3] (chain1)**N.ya[5,3] (chain1)****N.ya[6,3] (chain1)****N.ya[7,3] (chain1)****N.ya[8,3] (chain1)****N.ya[9,3] (chain1)****N.ya[10,3] (chain1)****N.ya[11,3] (chain1)****N.ya[12,3] (chain1)**

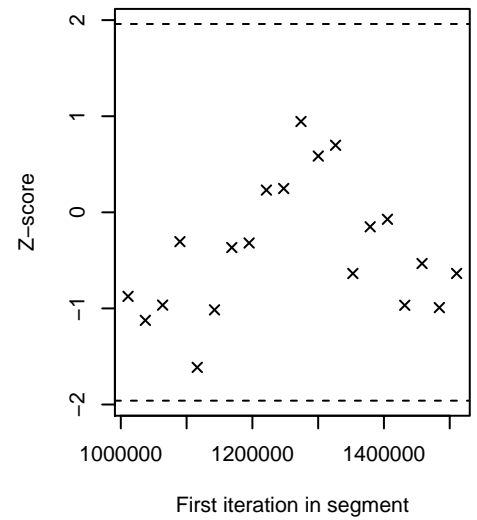
N.ya[13,3] (chain1)



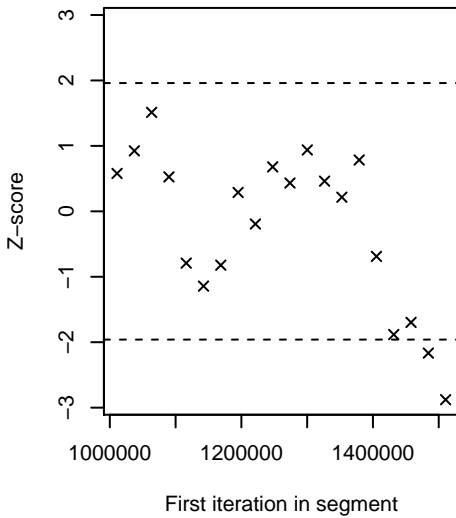
N.ya[14,3] (chain1)



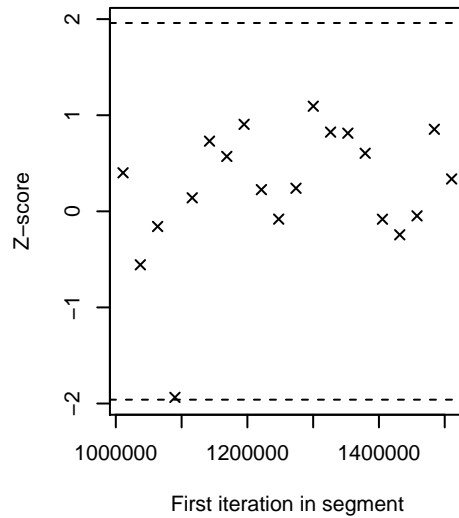
N.ya[15,3] (chain1)



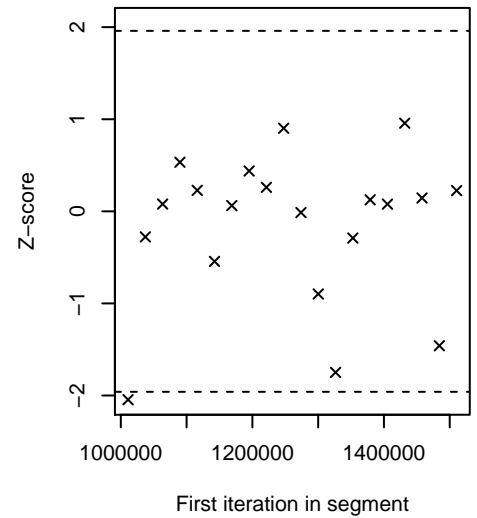
N.ya[16,3] (chain1)



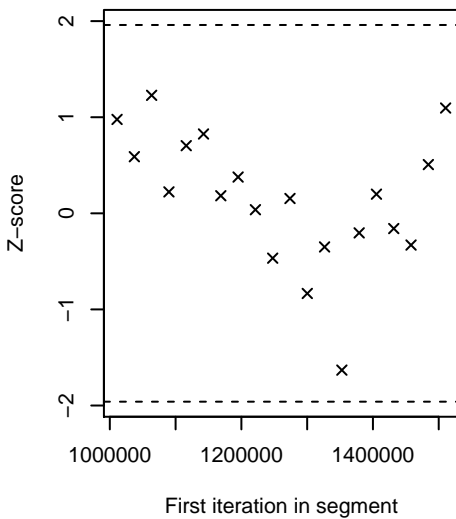
N.ya[17,3] (chain1)



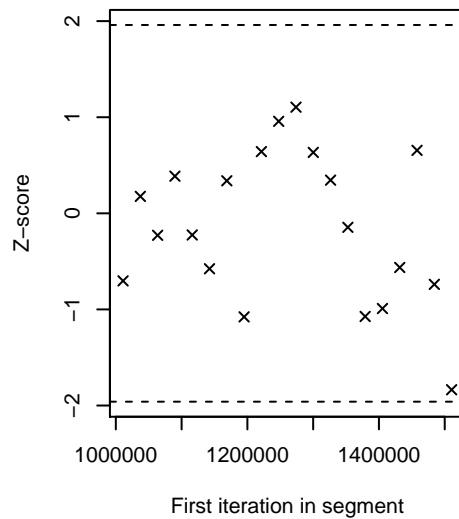
N.ya[18,3] (chain1)



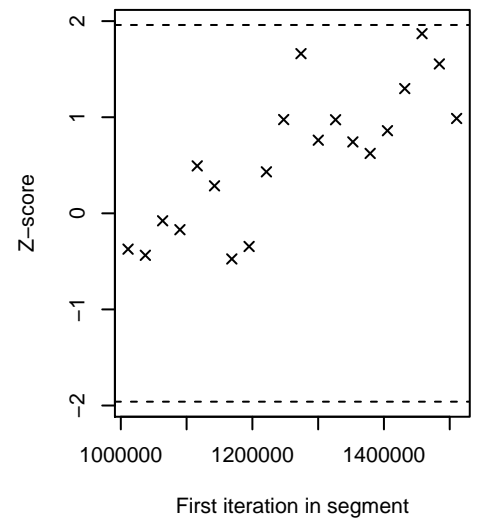
N.ya[19,3] (chain1)



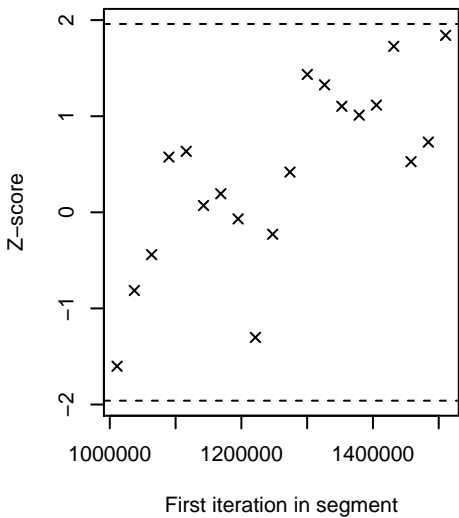
N.ya[20,3] (chain1)



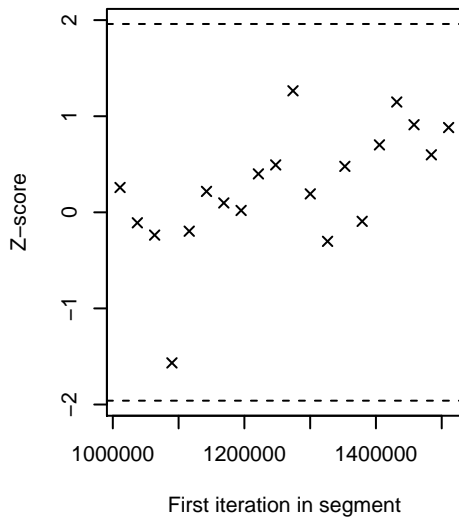
N.ya[21,3] (chain1)



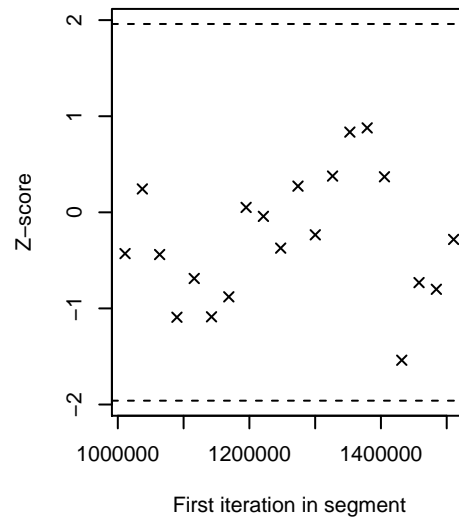
N.ya[22,3] (chain1)



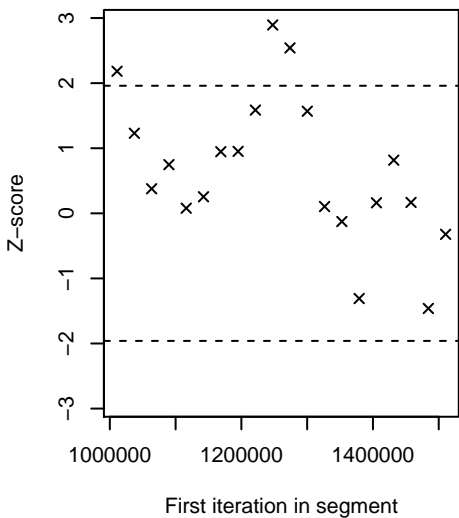
N.ya[23,3] (chain1)



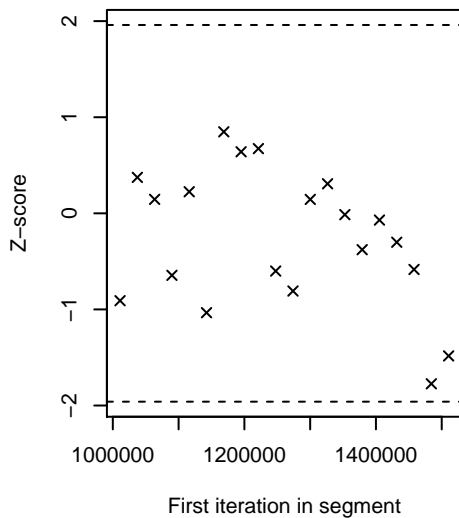
N.ya[24,3] (chain1)



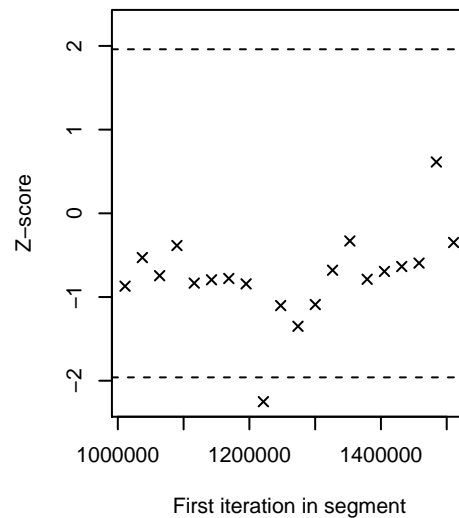
N.ya[25,3] (chain1)



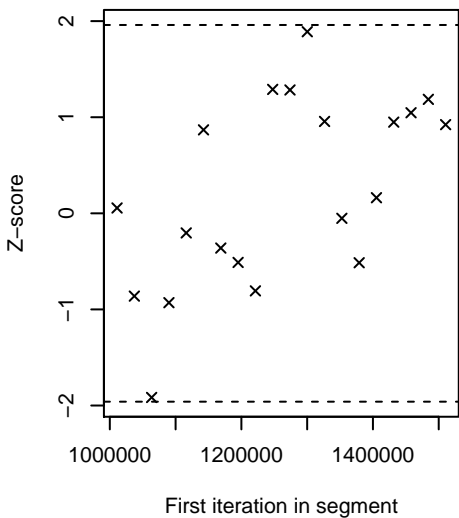
N.ya[26,3] (chain1)



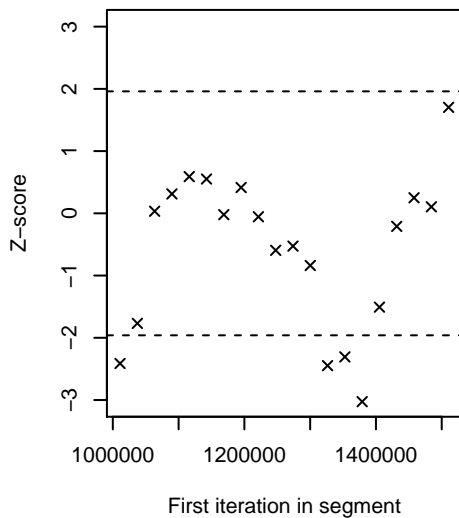
N.ya[27,3] (chain1)



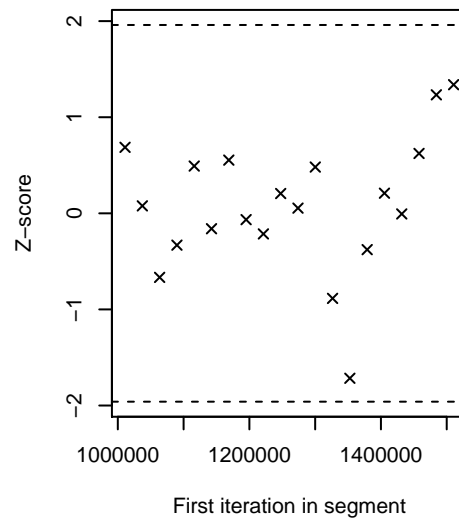
N.ya[28,3] (chain1)



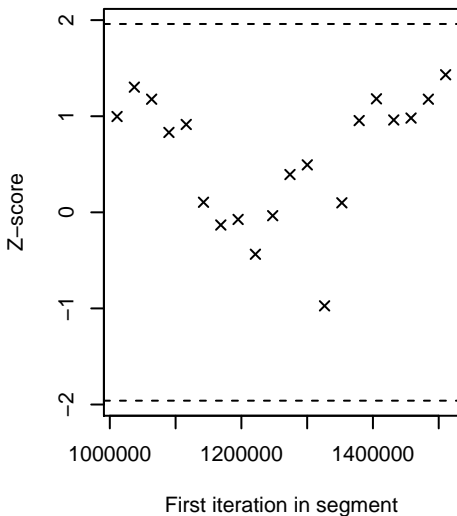
N.ya[29,3] (chain1)



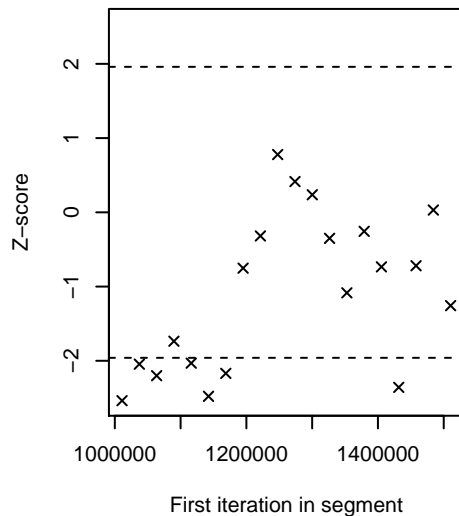
N.ya[30,3] (chain1)



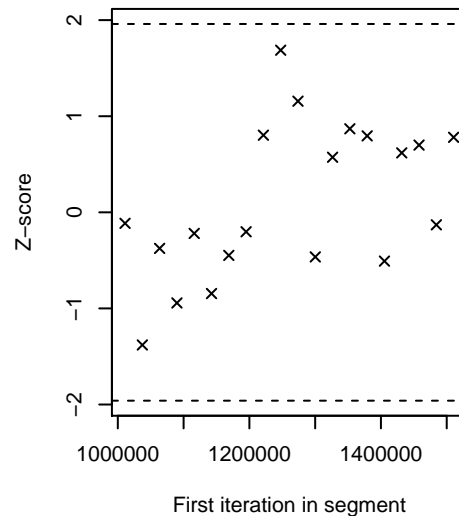
N.ya[31,3] (chain1)



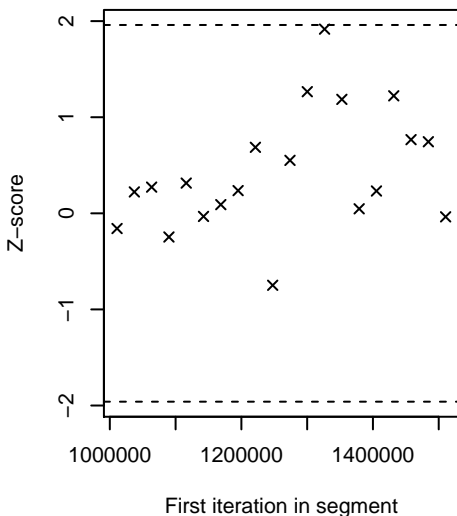
N.ya[32,3] (chain1)



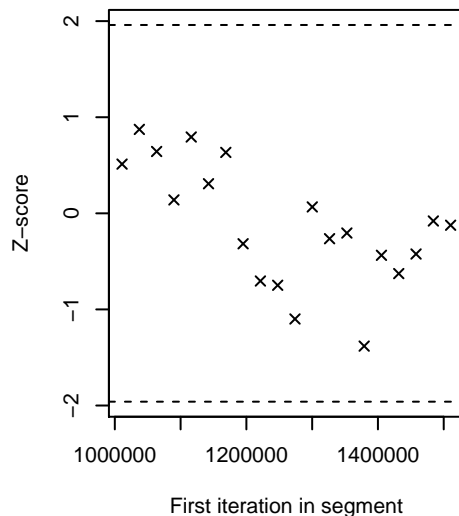
N.ya[33,3] (chain1)



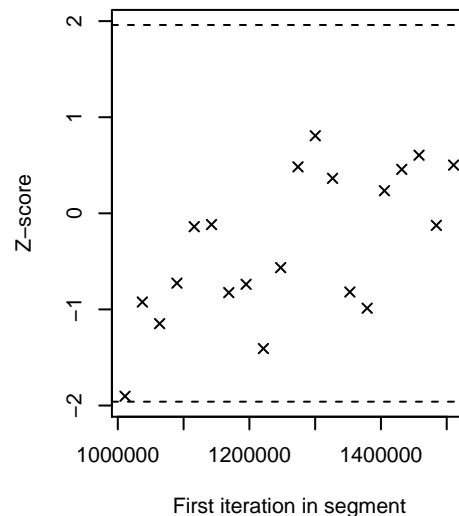
N.ya[34,3] (chain1)



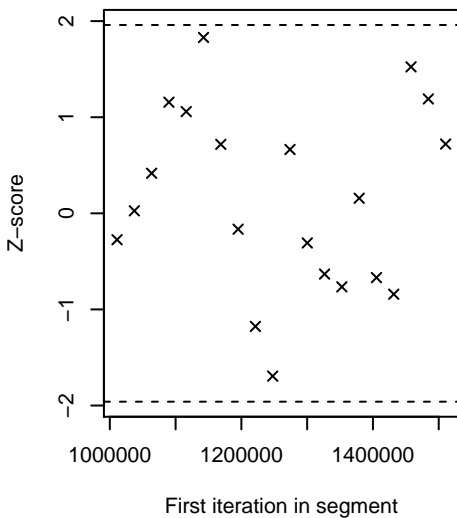
N.ya[35,3] (chain1)



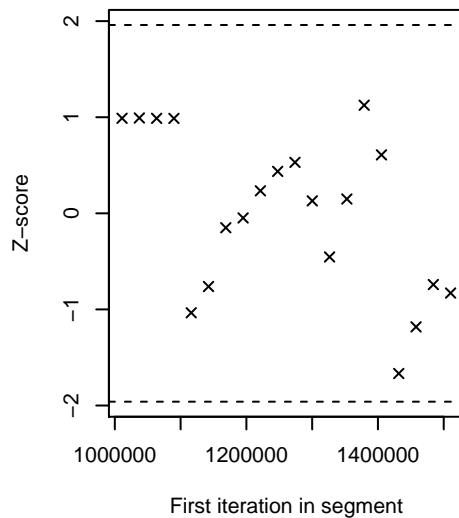
N.ya[36,3] (chain1)



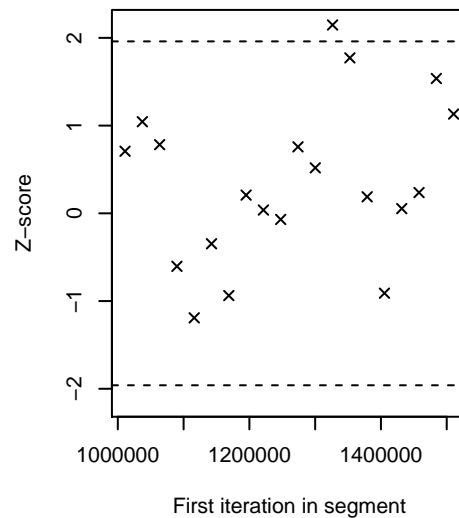
N.ya[37,3] (chain1)

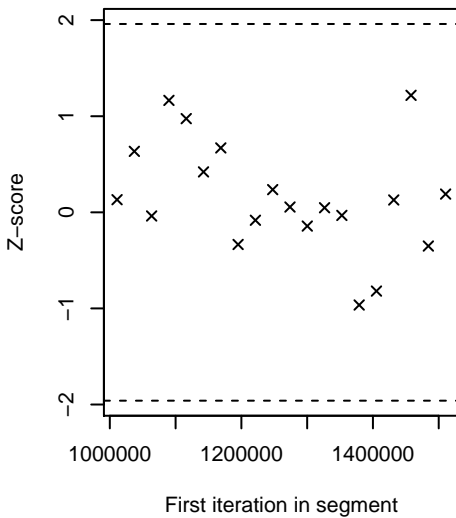
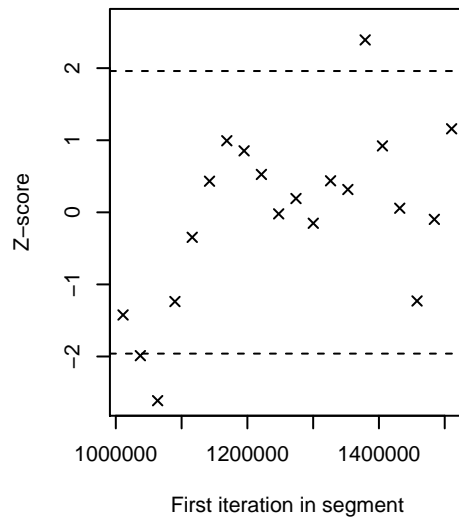
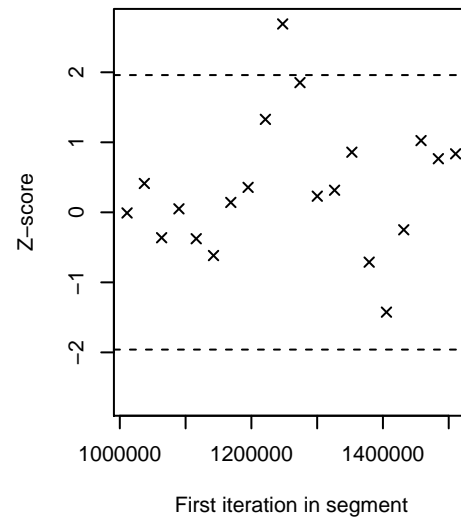
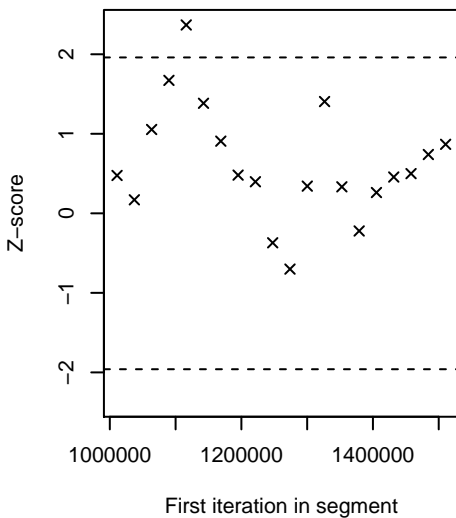
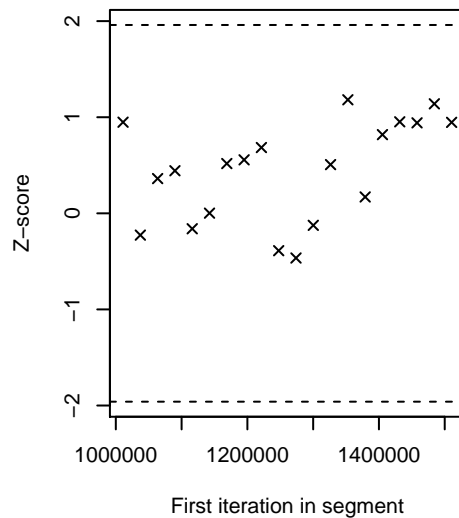
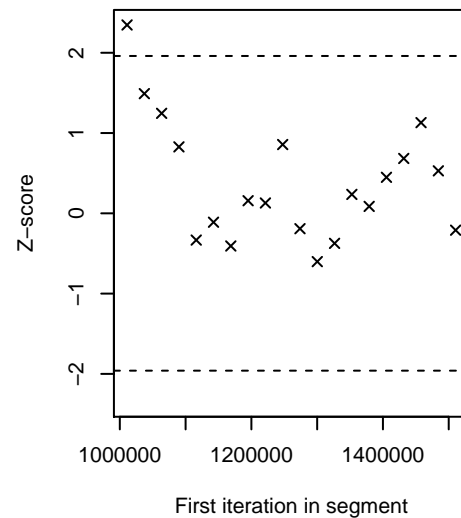
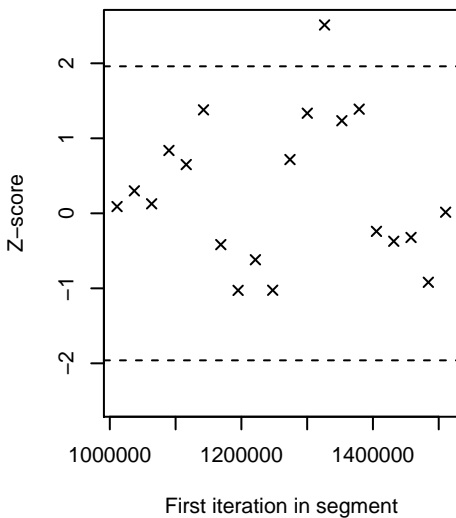
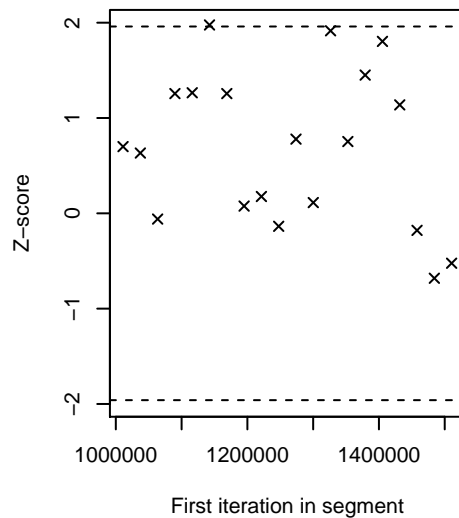
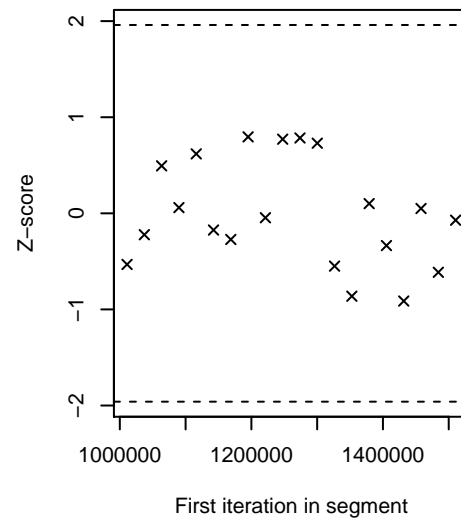


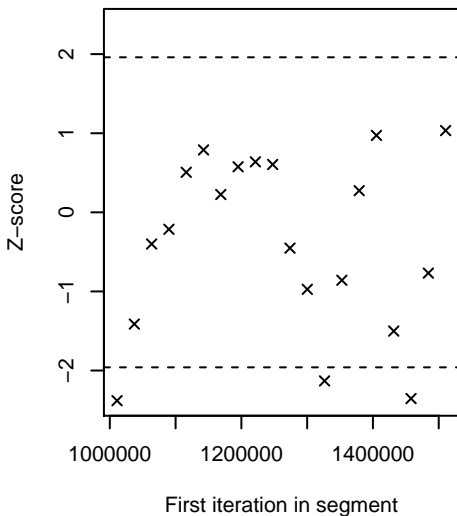
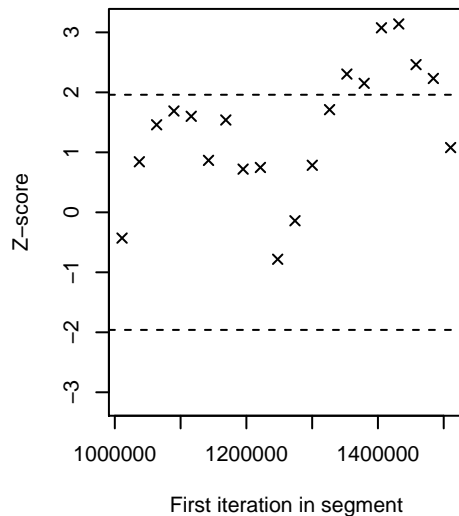
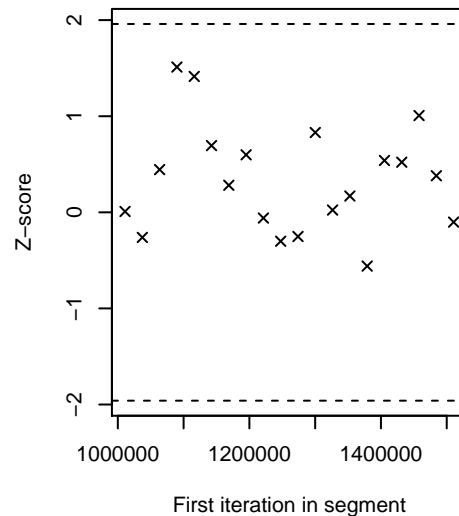
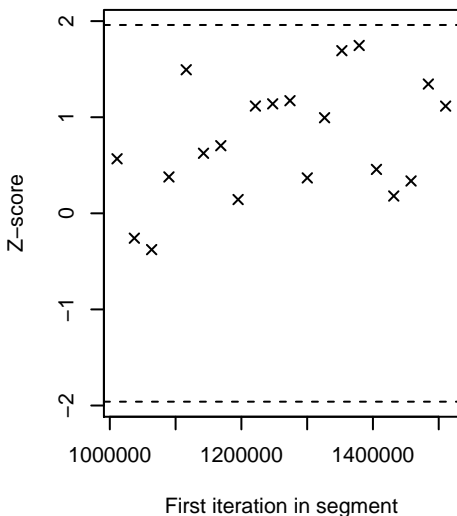
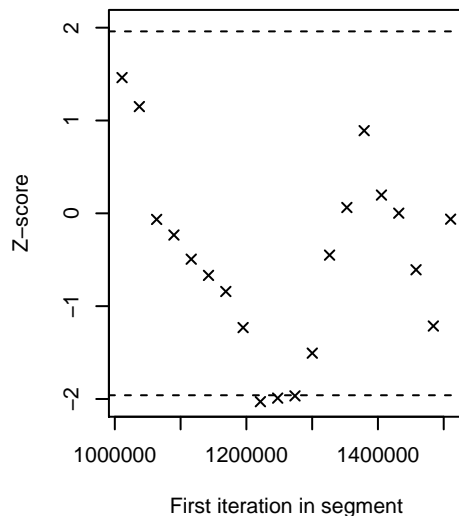
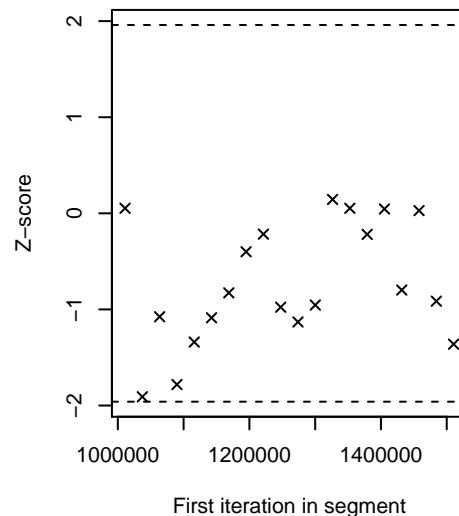
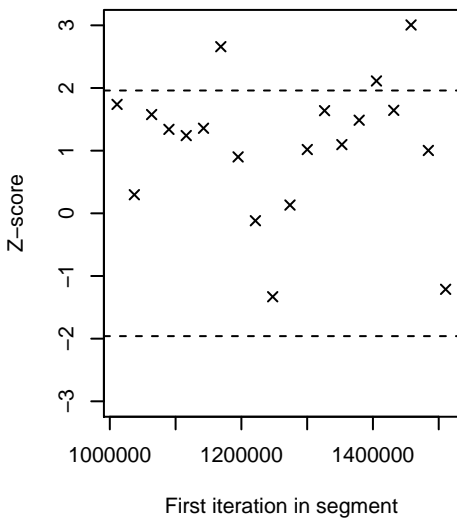
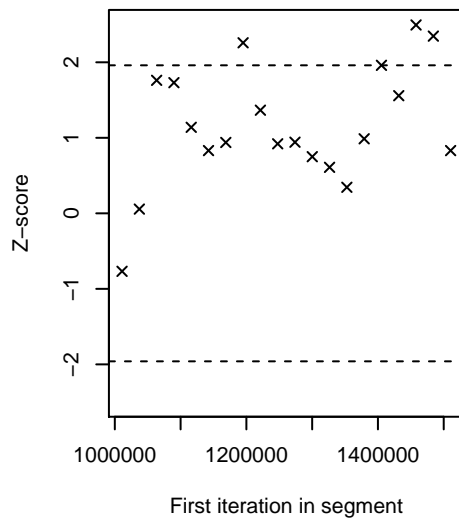
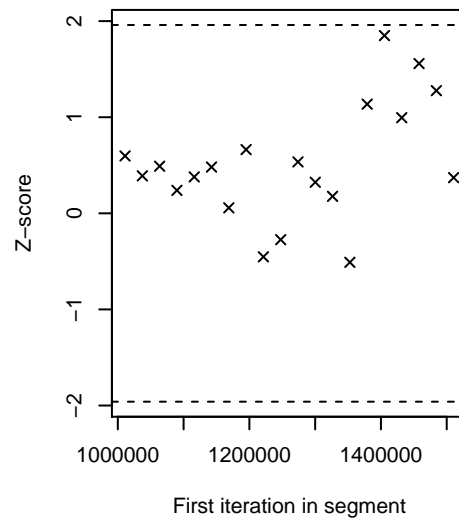
R[1] (chain1)

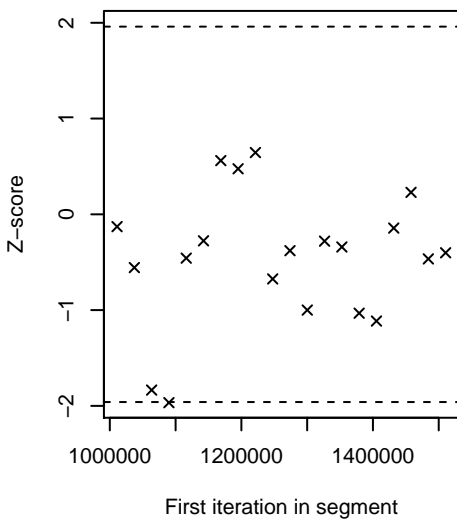
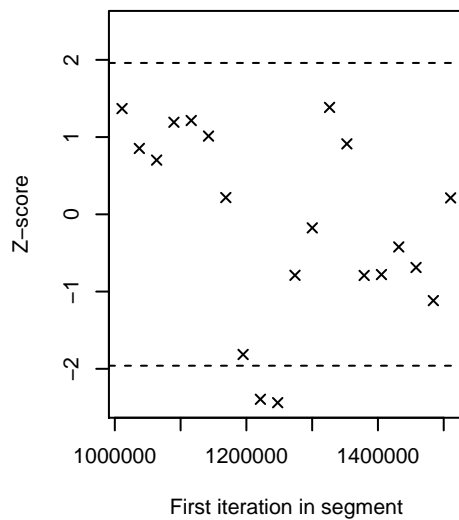
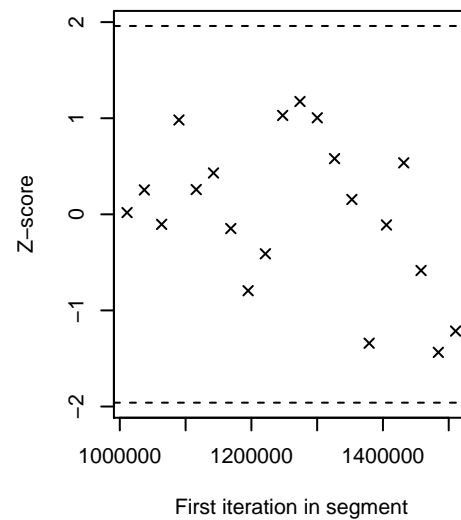
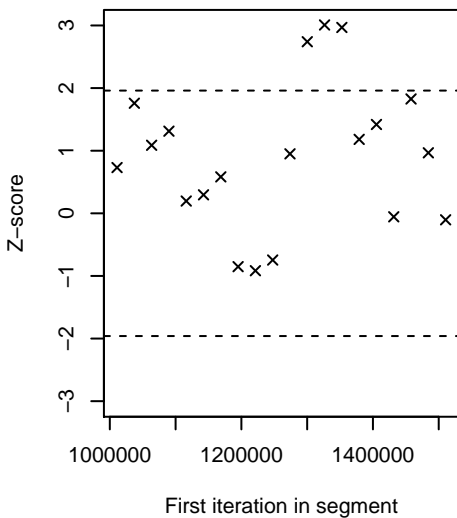
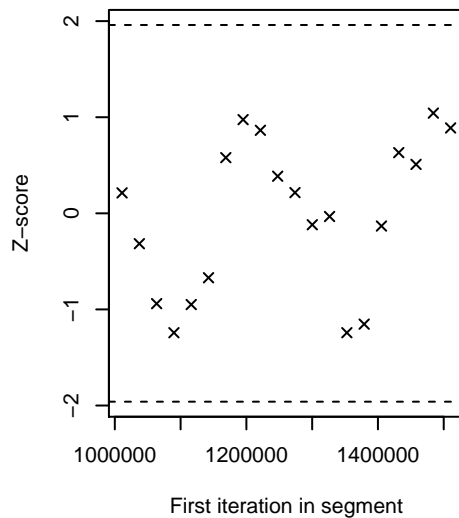
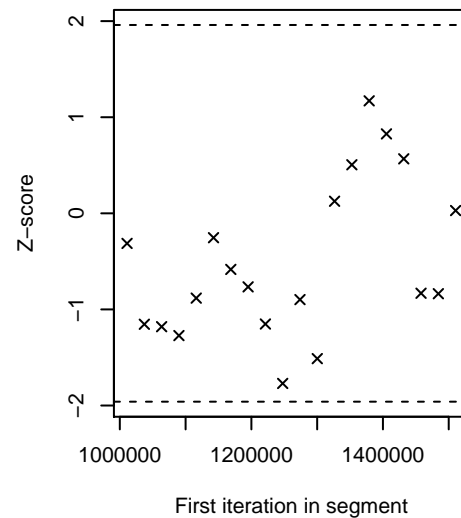
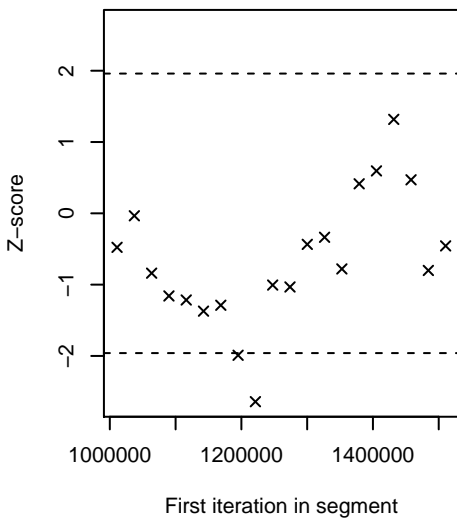
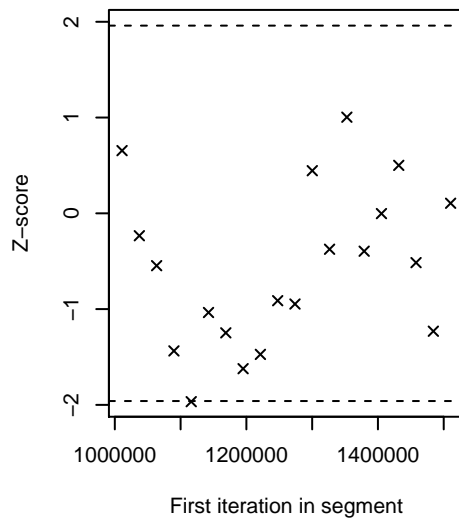
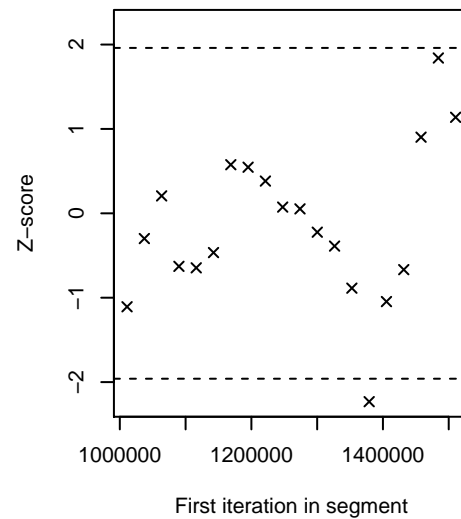


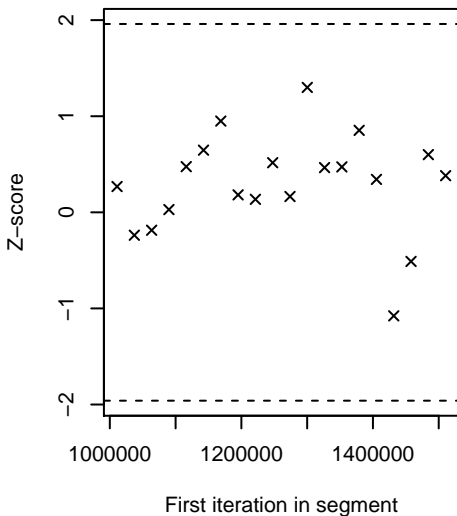
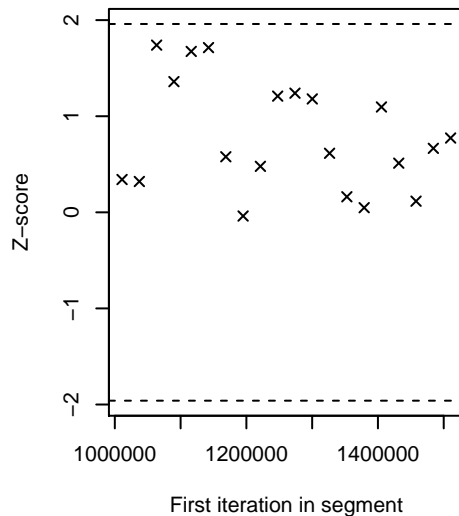
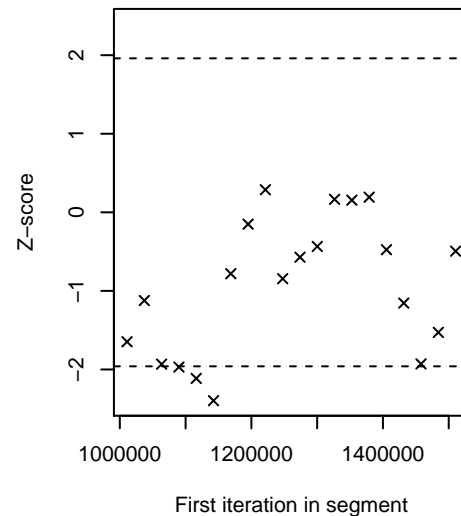
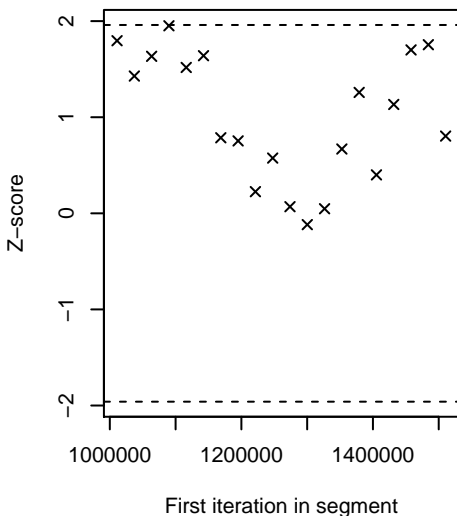
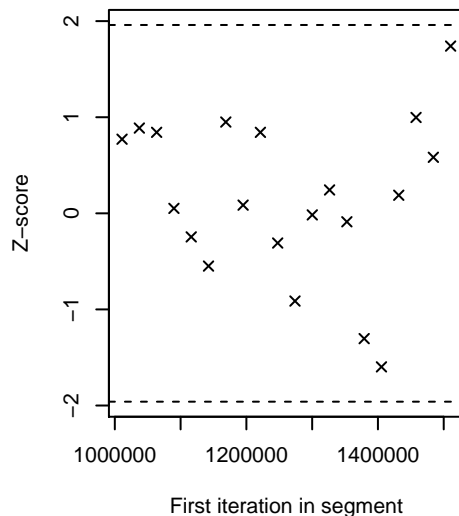
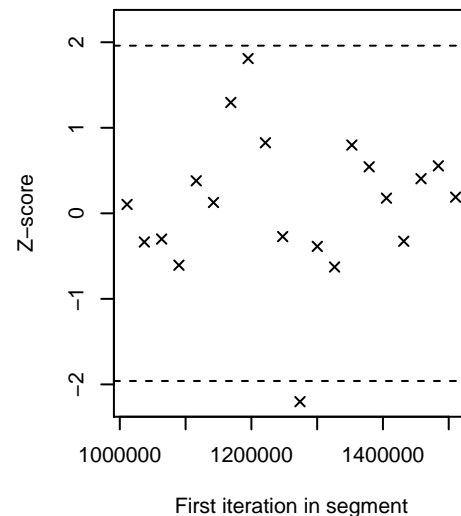
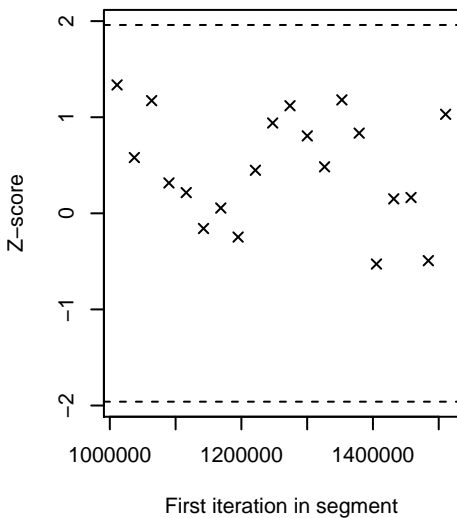
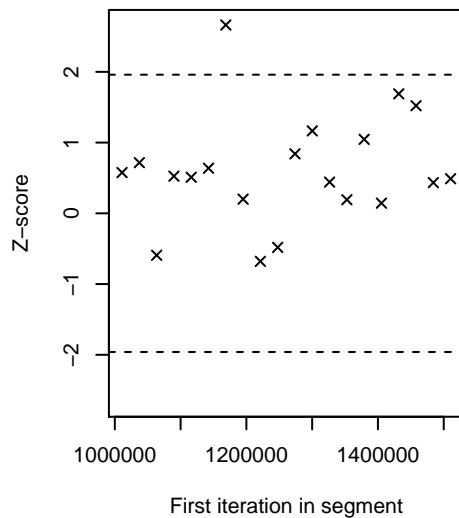
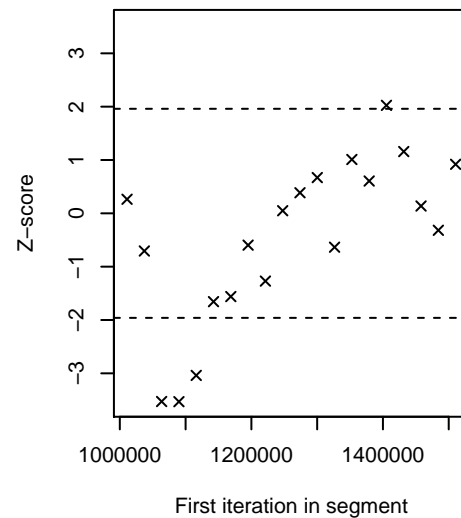
R[2] (chain1)

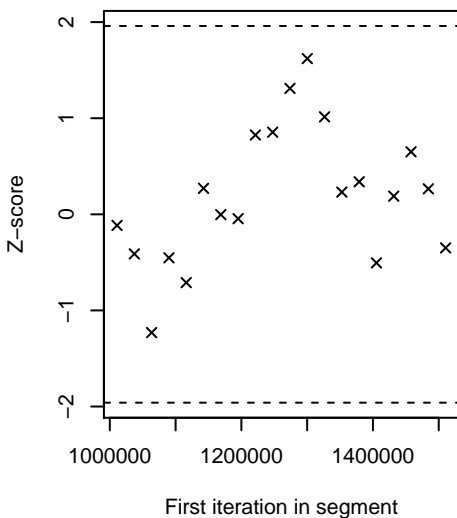
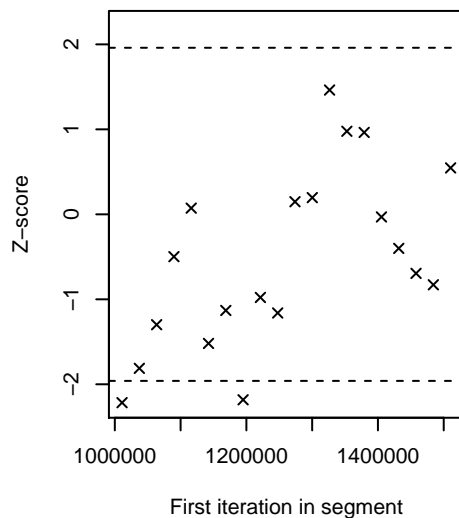
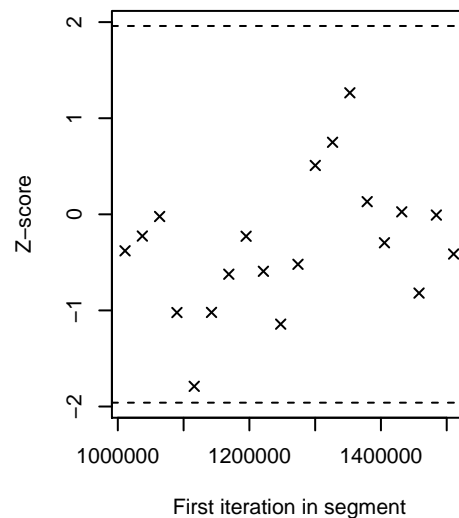
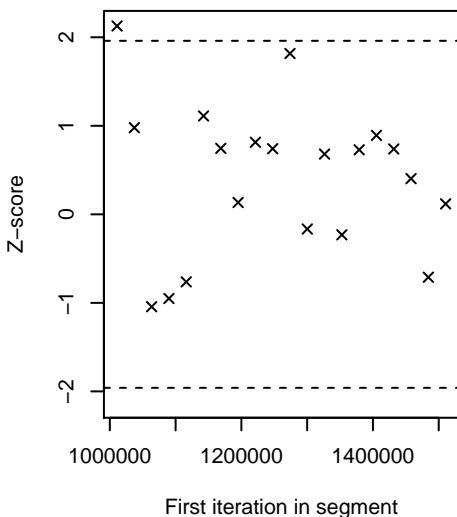
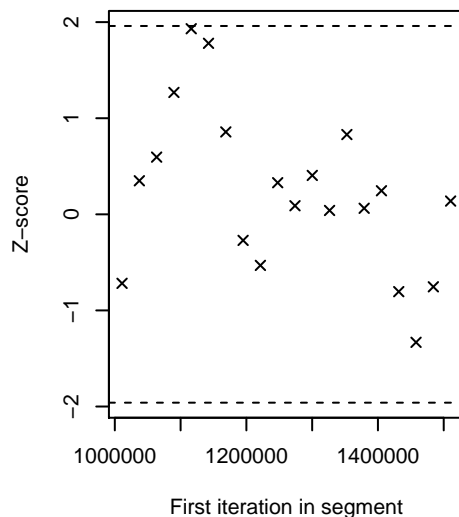
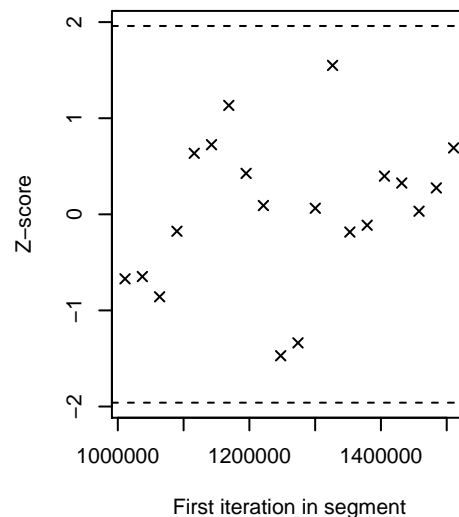
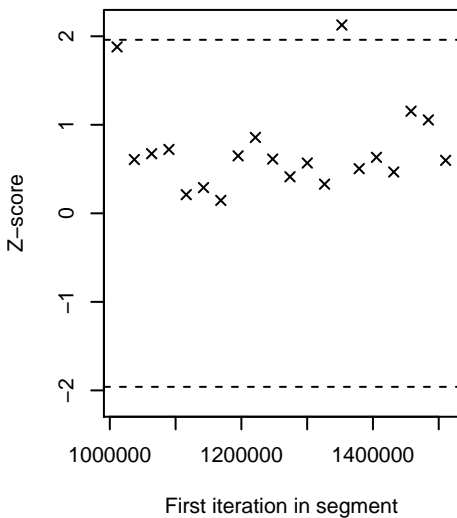
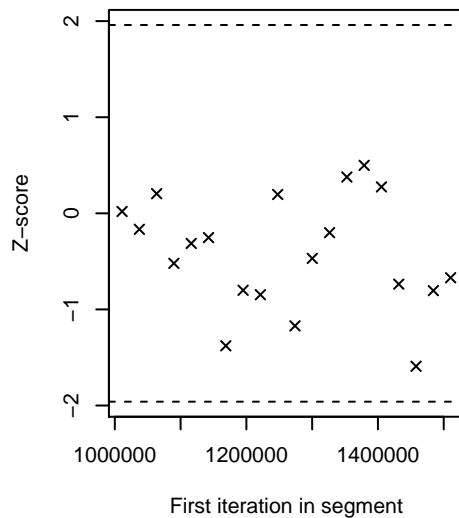
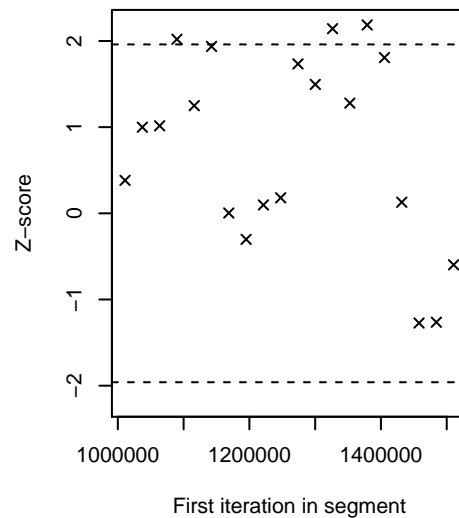


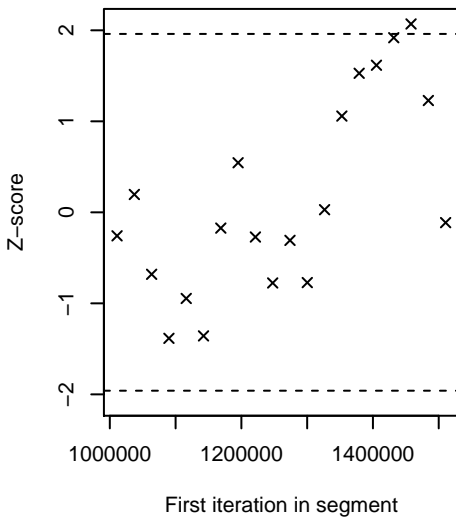
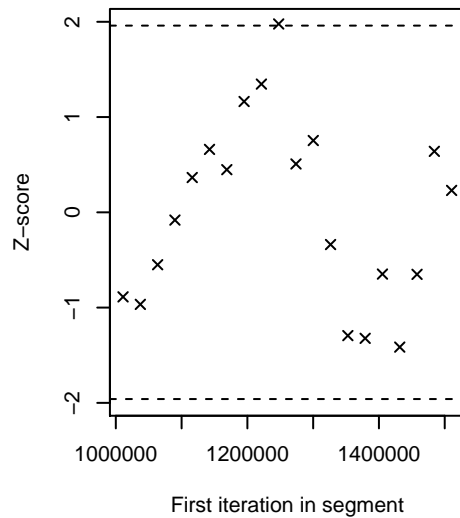
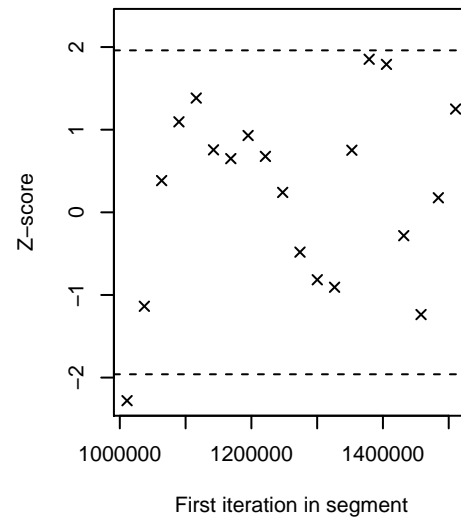
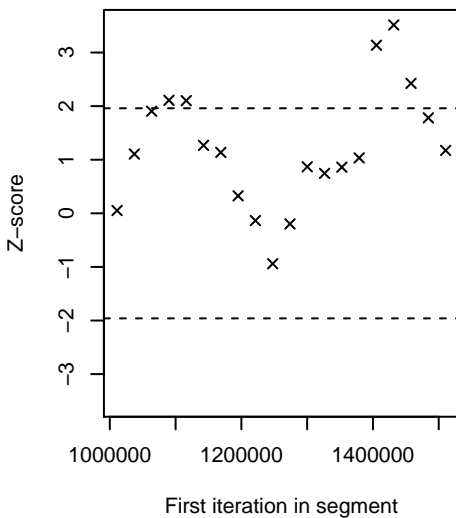
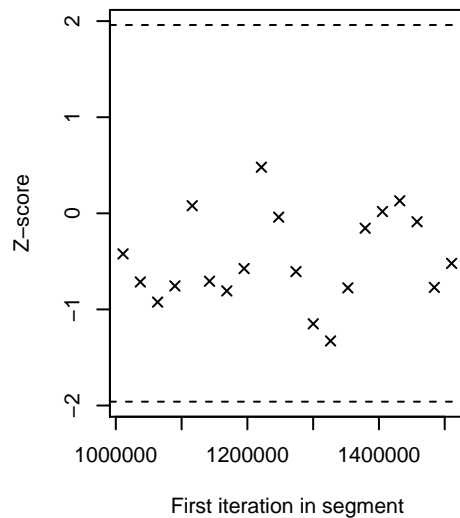
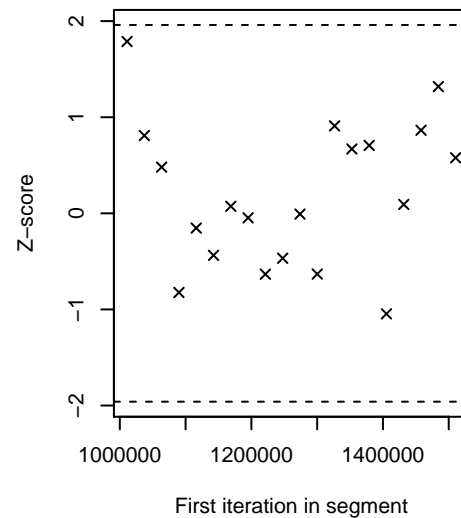
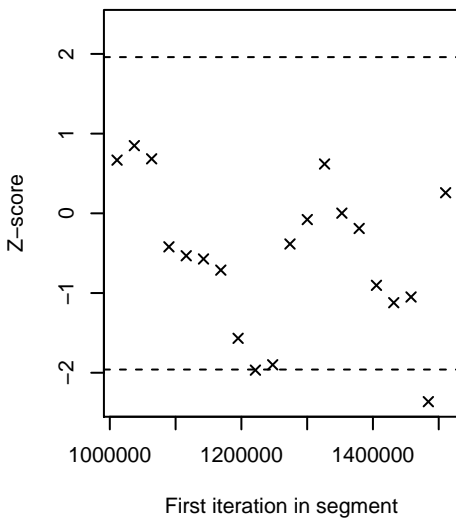
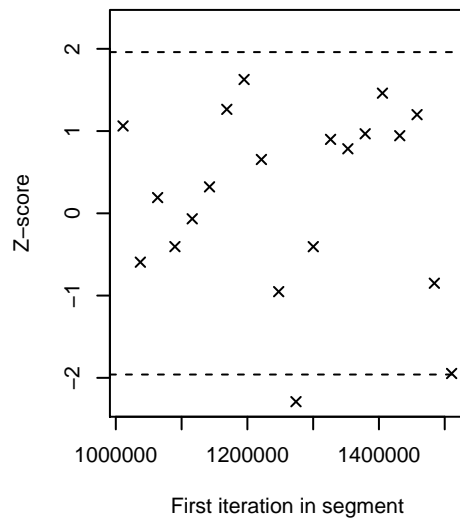
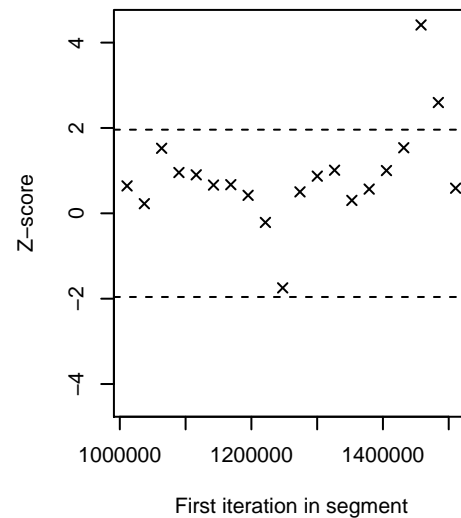
R[3] (chain1)**R[4] (chain1)****R[5] (chain1)****R[6] (chain1)****R[7] (chain1)****R[8] (chain1)****R[9] (chain1)****R[10] (chain1)****R[11] (chain1)**

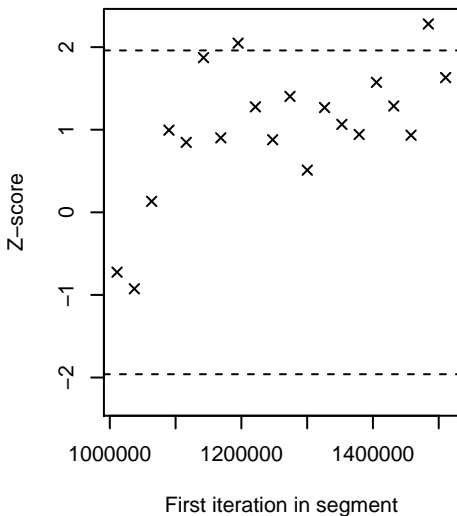
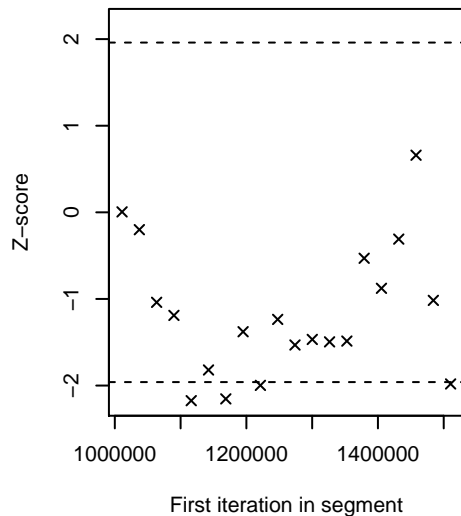
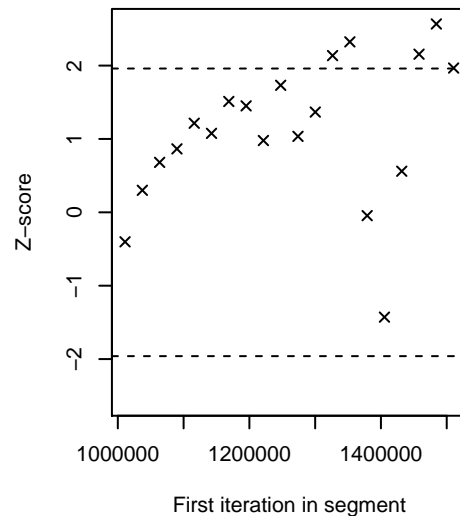
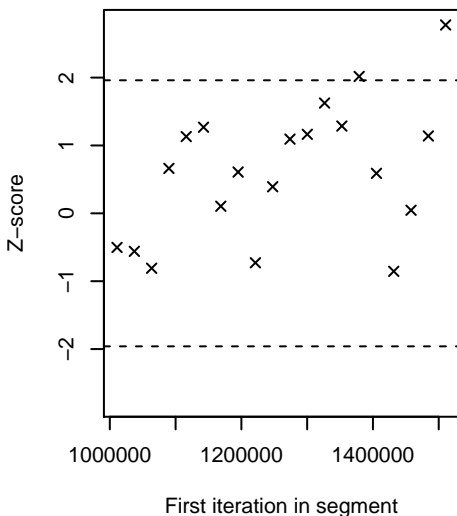
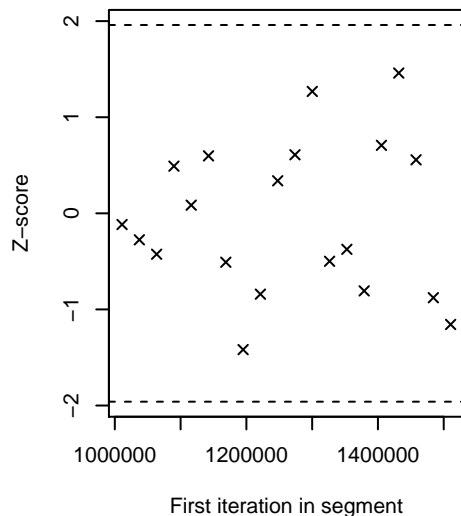
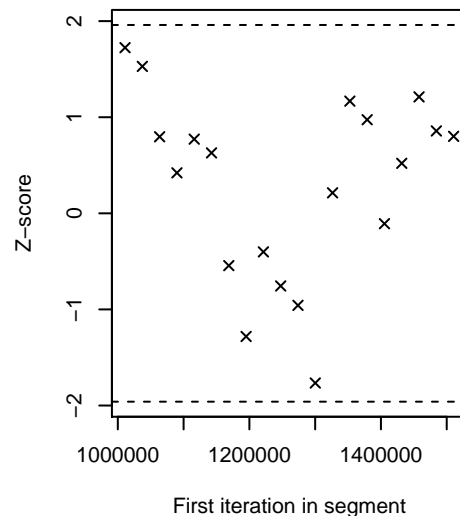
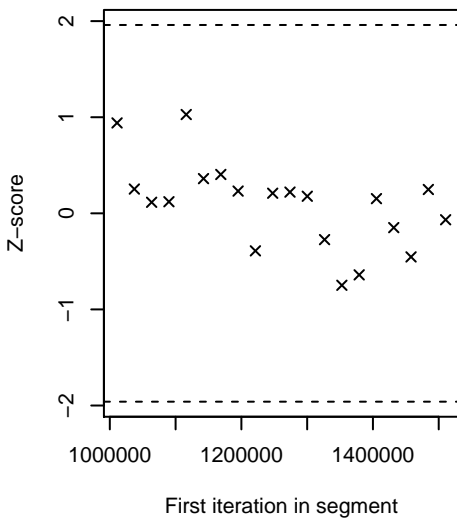
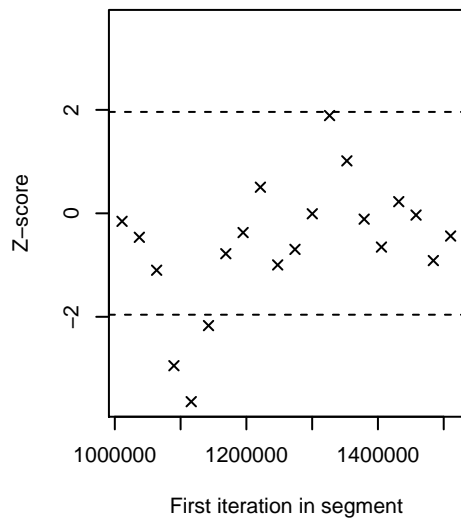
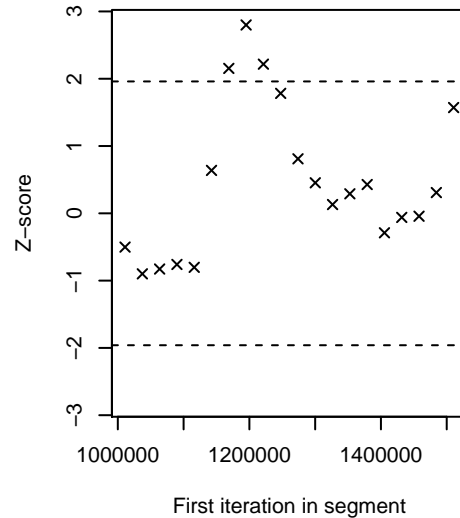
R[12] (chain1)**R[13] (chain1)****R[14] (chain1)****R[15] (chain1)****R[16] (chain1)****R[17] (chain1)****R[18] (chain1)****R[19] (chain1)****R[20] (chain1)**

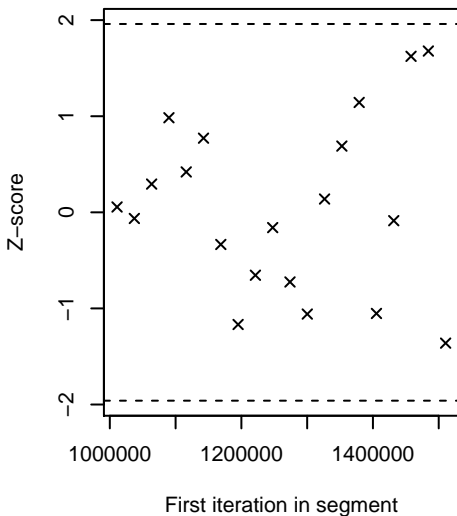
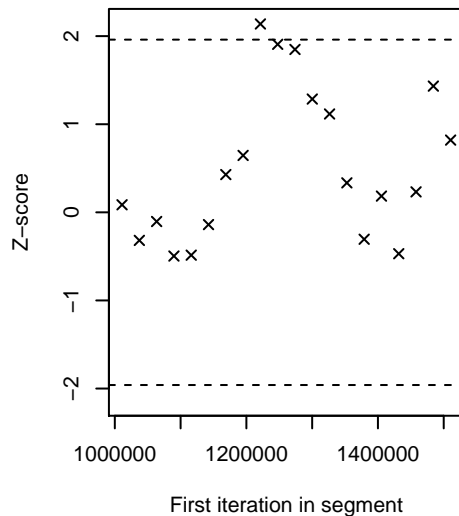
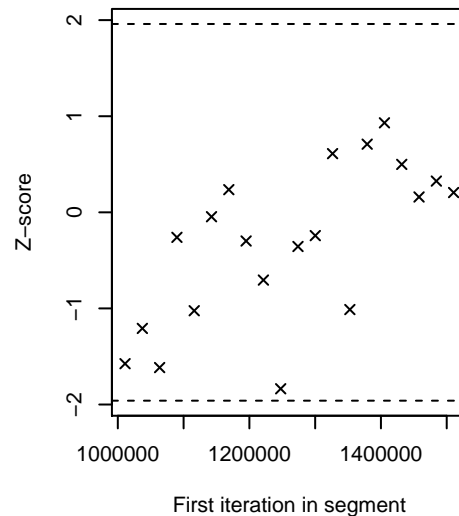
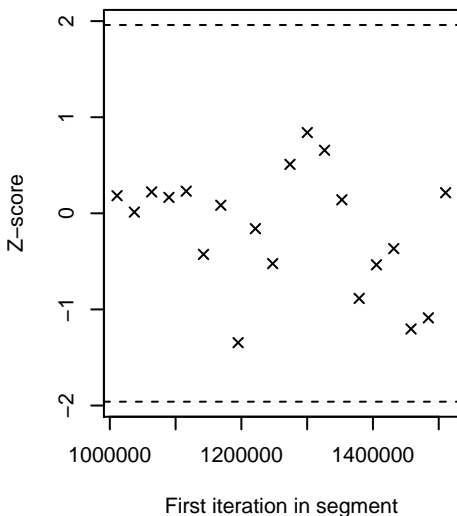
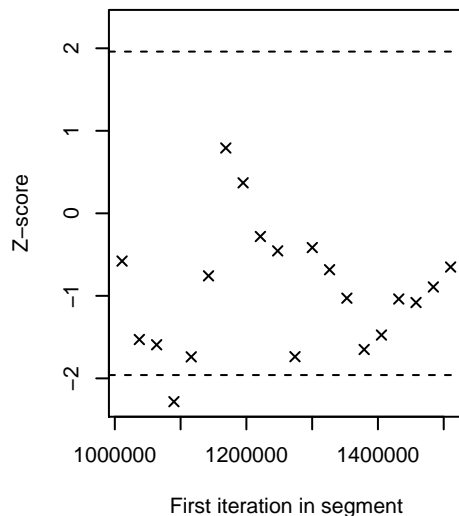
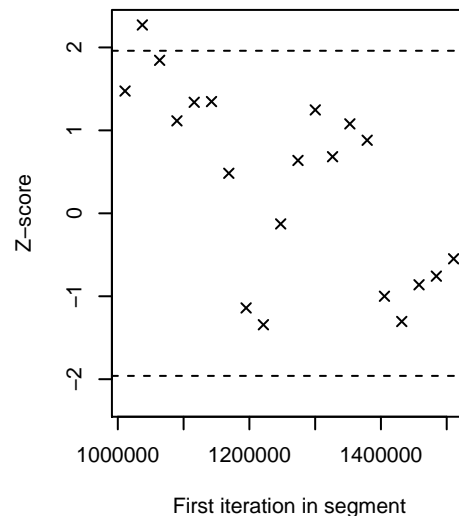
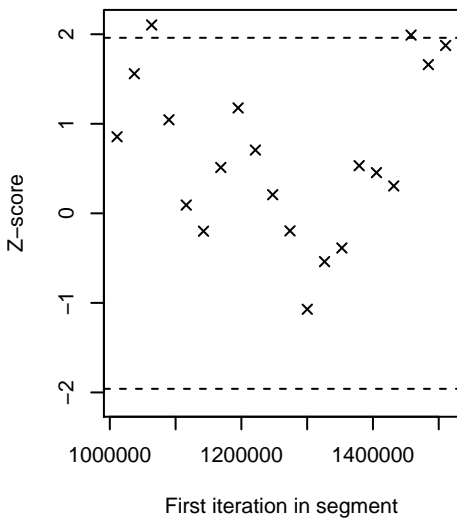
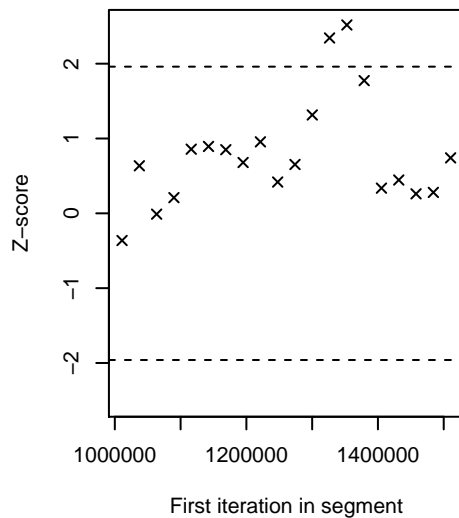
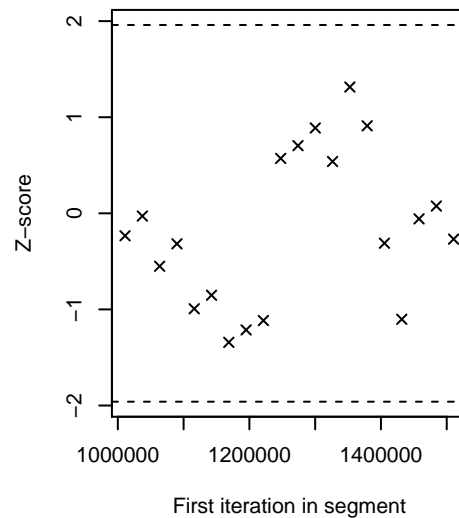
R[21] (chain1)**R[22] (chain1)****R[23] (chain1)****R[24] (chain1)****R[25] (chain1)****R[26] (chain1)****R[27] (chain1)****R[28] (chain1)****R[29] (chain1)**

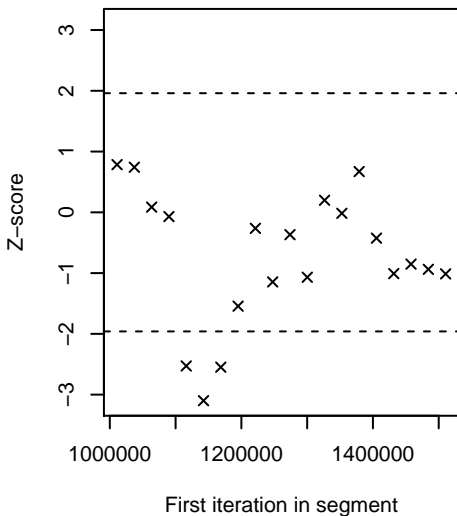
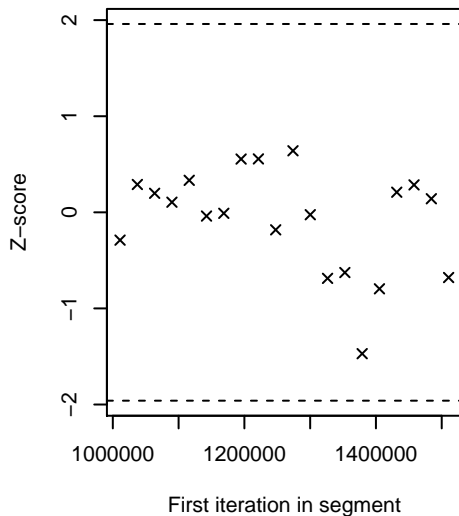
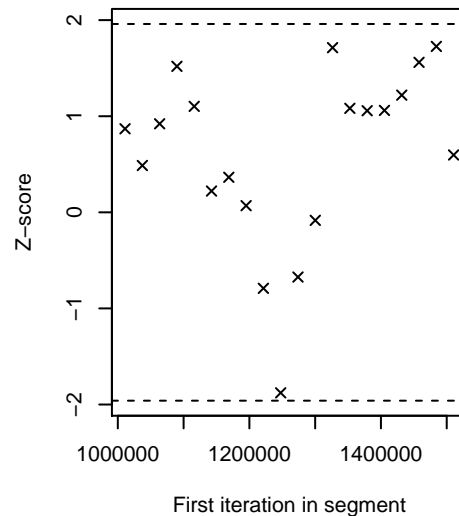
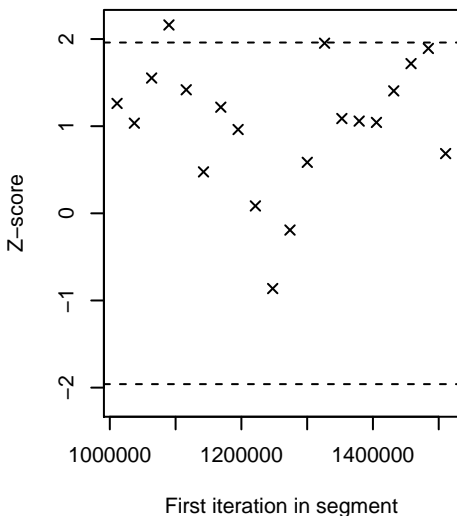
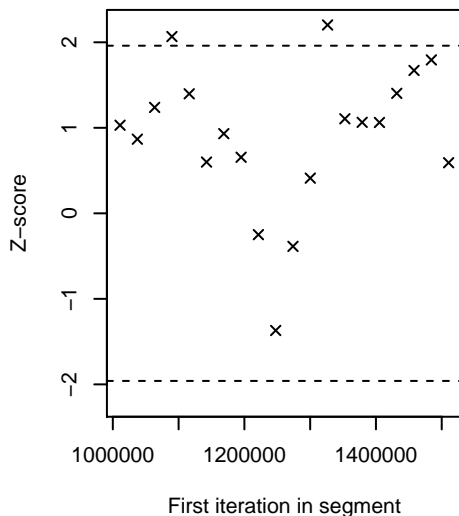
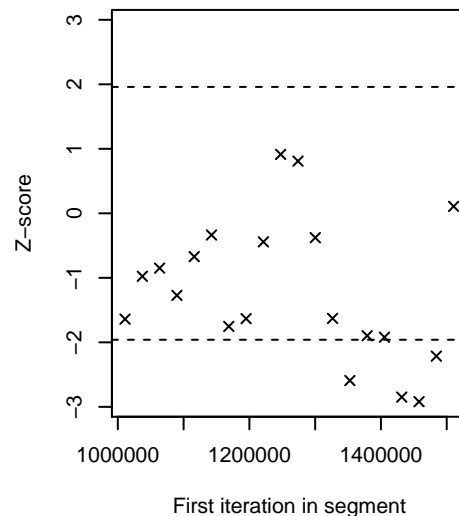
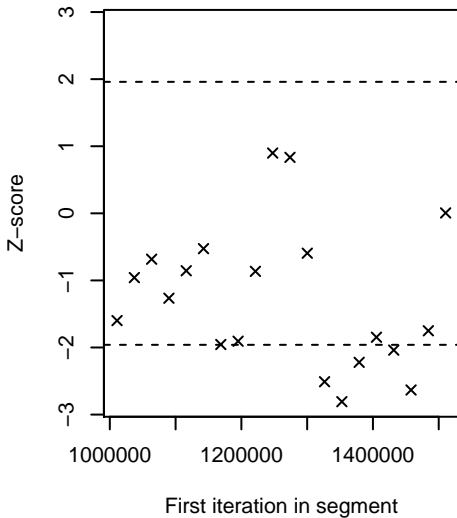
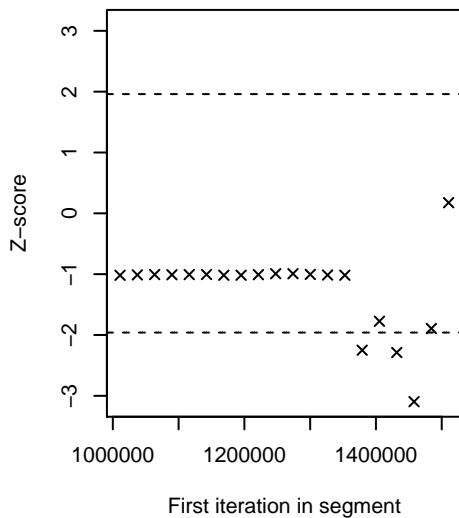
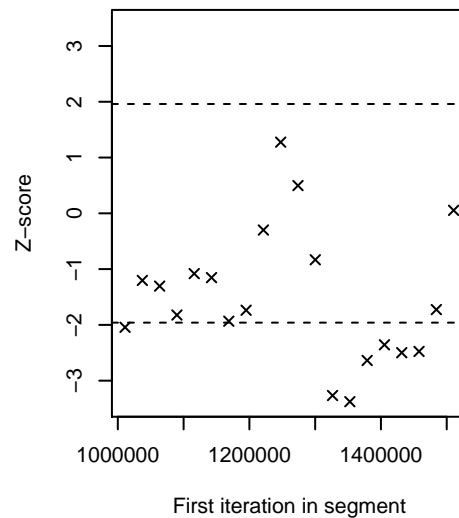
R[30] (chain1)**R[31] (chain1)****R[32] (chain1)****R[33] (chain1)****R[34] (chain1)****R[35] (chain1)****R[36] (chain1)****R[37] (chain1)****R[38] (chain1)**

R[39] (chain1)**S[1] (chain1)****S[2] (chain1)****S[3] (chain1)****S[4] (chain1)****S[5] (chain1)****S[6] (chain1)****S[7] (chain1)****S[8] (chain1)**

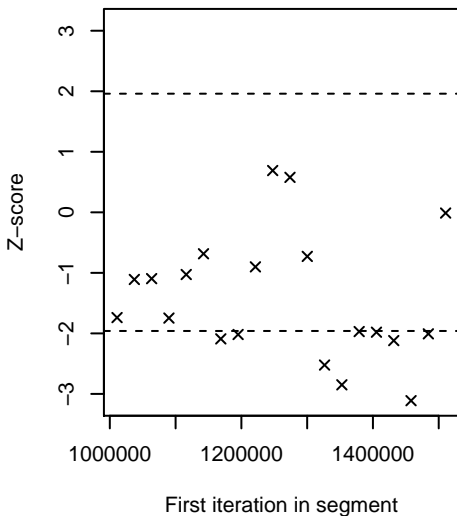
S[9] (chain1)**S[10] (chain1)****S[11] (chain1)****S[12] (chain1)****S[13] (chain1)****S[14] (chain1)****S[15] (chain1)****S[16] (chain1)****S[17] (chain1)**

S[18] (chain1)**S[19] (chain1)****S[20] (chain1)****S[21] (chain1)****S[22] (chain1)****S[23] (chain1)****S[24] (chain1)****S[25] (chain1)****S[26] (chain1)**

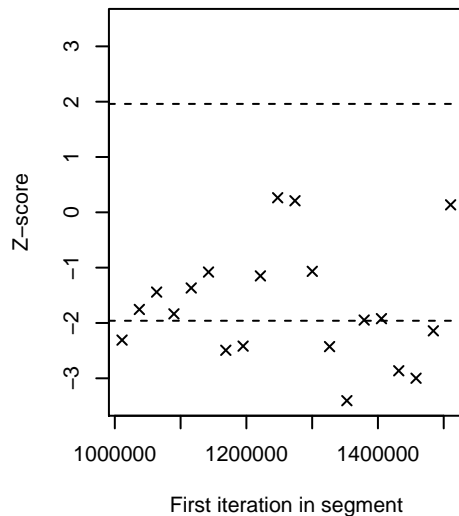
S[27] (chain1)**S[28] (chain1)****S[29] (chain1)****S[30] (chain1)****S[31] (chain1)****S[32] (chain1)****S[33] (chain1)****S[34] (chain1)****S[35] (chain1)**

S[36] (chain1)**S[37] (chain1)****S.eq.c (chain1)****S.max (chain1)****S.msy.c (chain1)****U.msy.c (chain1)****alpha (chain1)****alpha.c (chain1)****beta (chain1)**

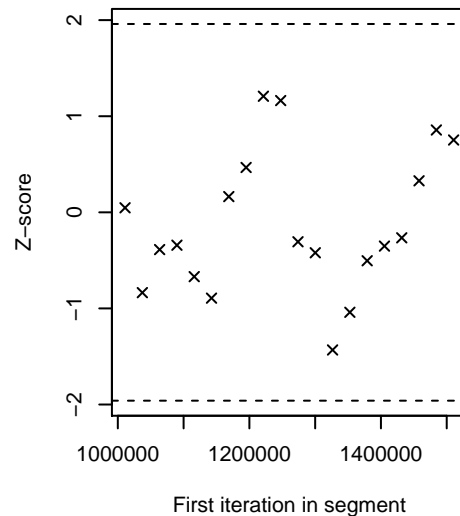
Inalpha (chain1)



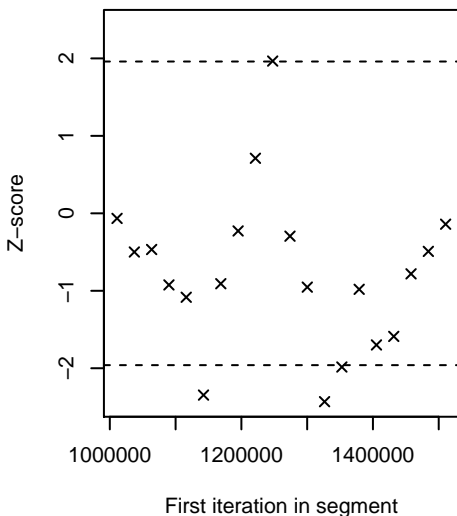
Inalpha.c (chain1)



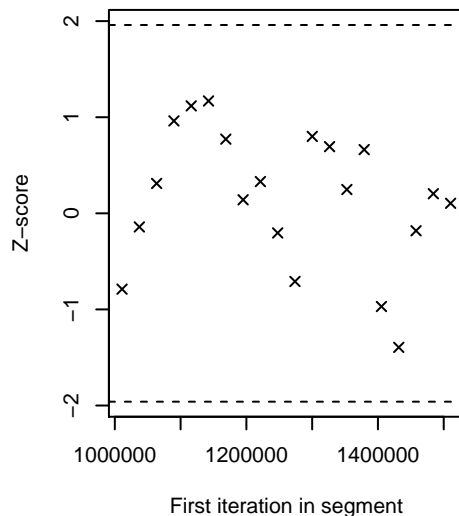
log.resid[7] (chain1)



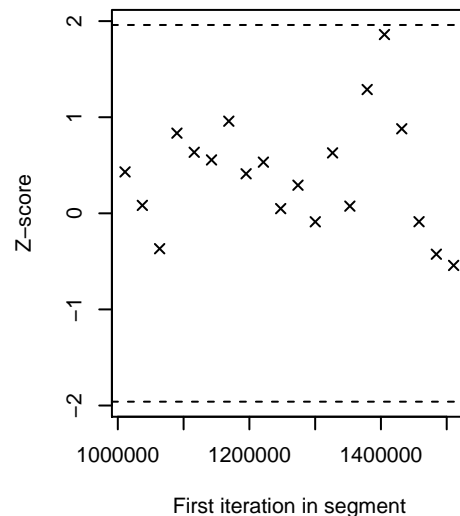
log.resid[8] (chain1)



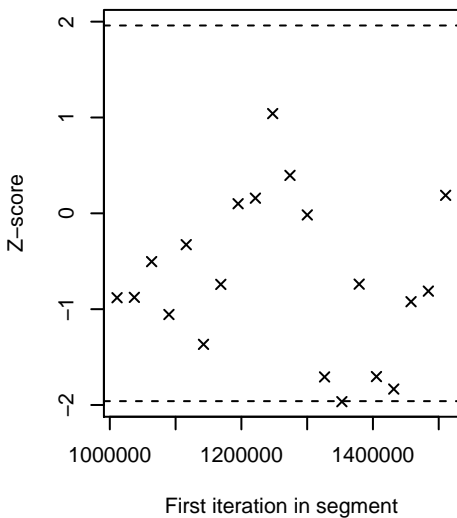
log.resid[9] (chain1)



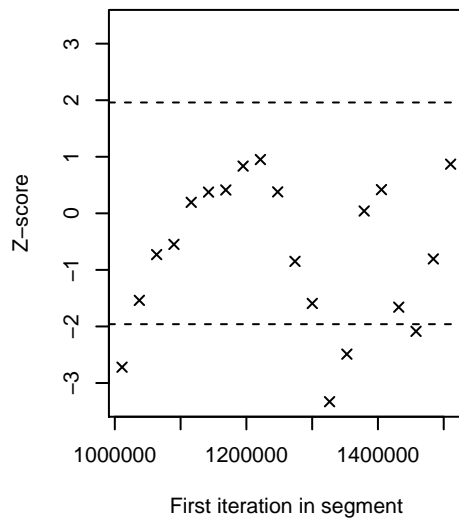
log.resid[10] (chain1)



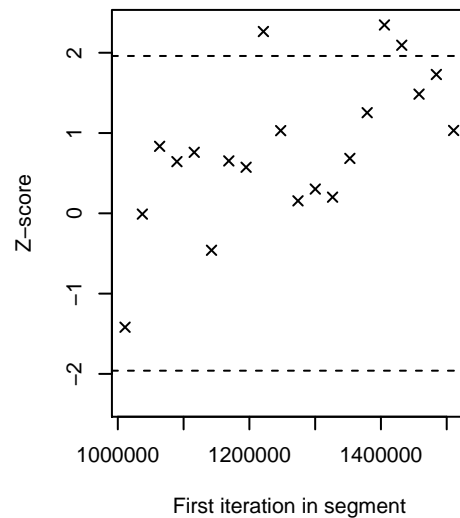
log.resid[11] (chain1)



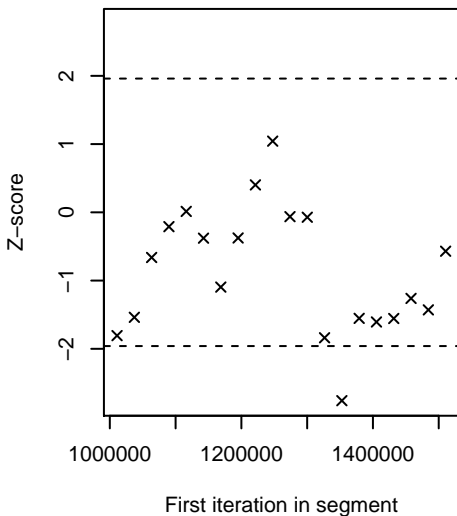
log.resid[12] (chain1)



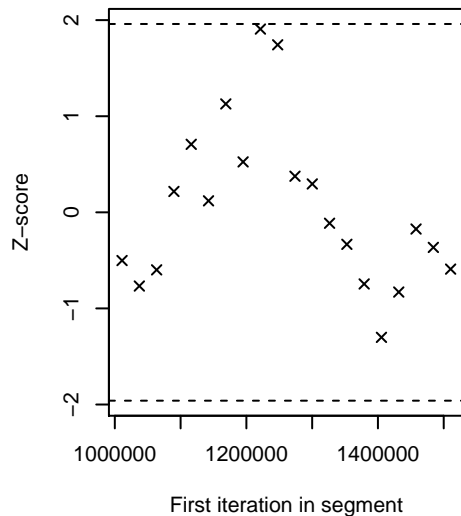
log.resid[13] (chain1)



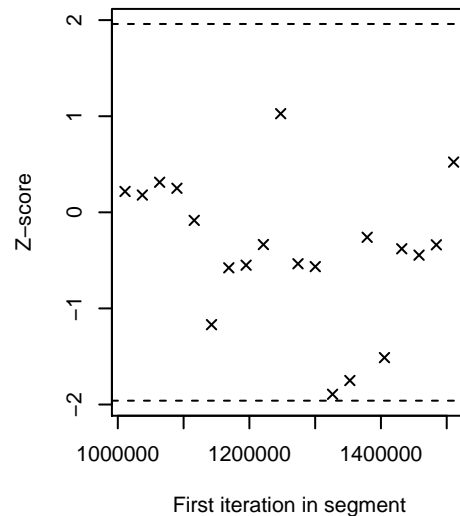
log.resid[14] (chain1)



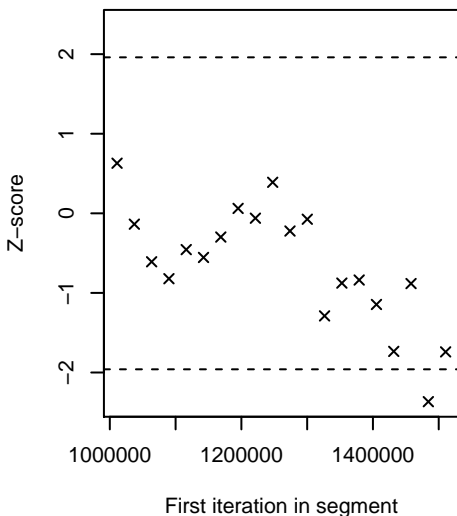
log.resid[15] (chain1)



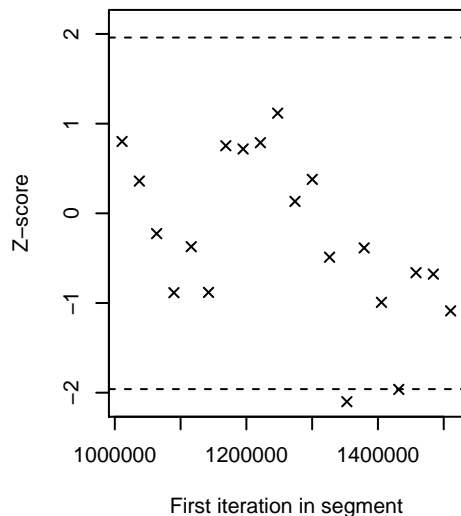
log.resid[16] (chain1)



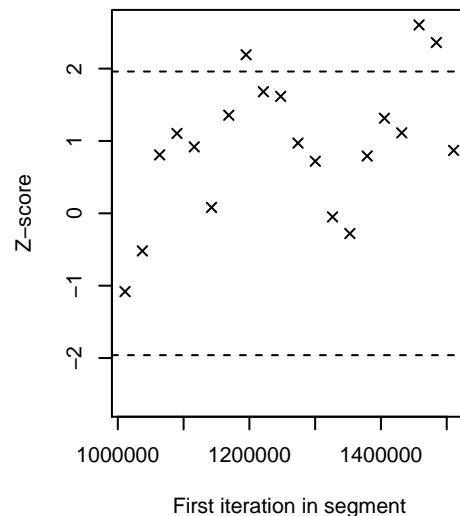
log.resid[17] (chain1)



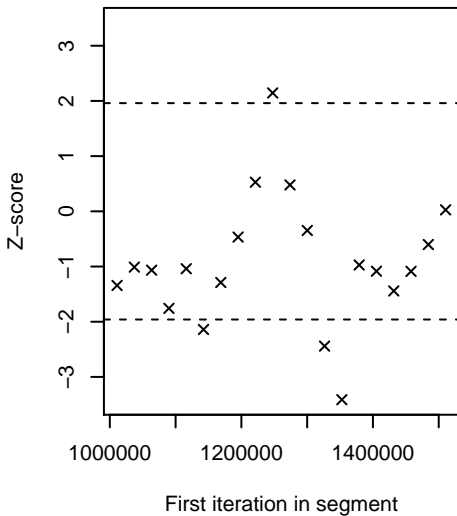
log.resid[18] (chain1)



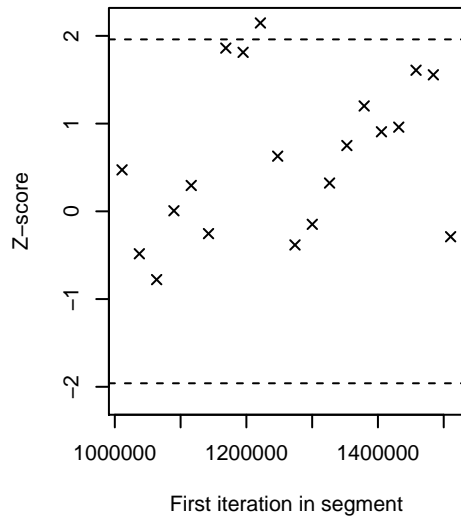
log.resid[19] (chain1)



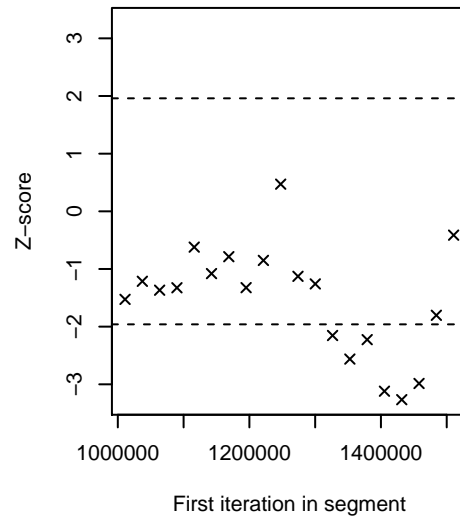
log.resid[20] (chain1)



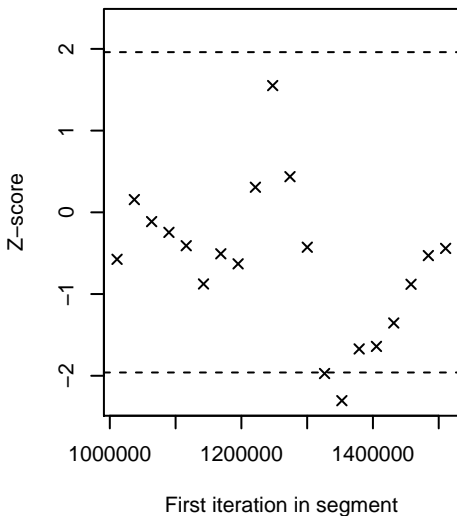
log.resid[21] (chain1)



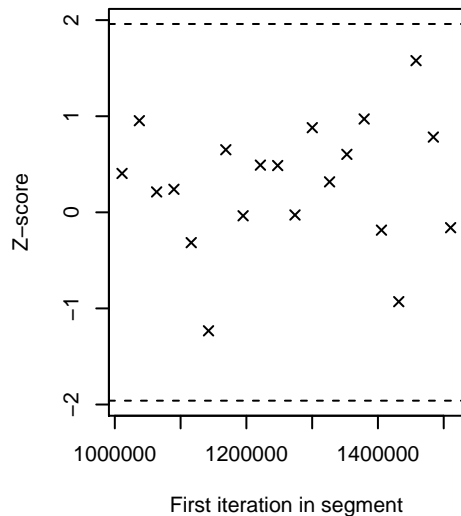
log.resid[22] (chain1)



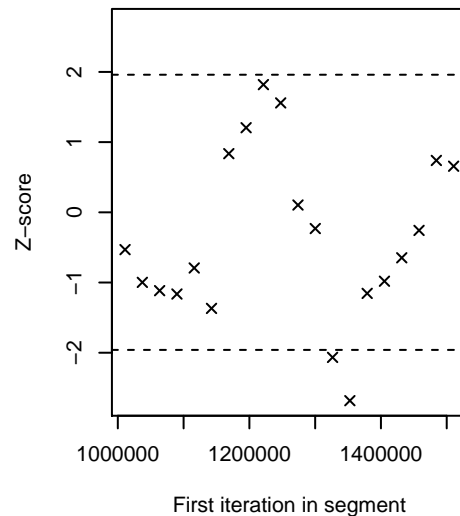
log.resid[23] (chain1)



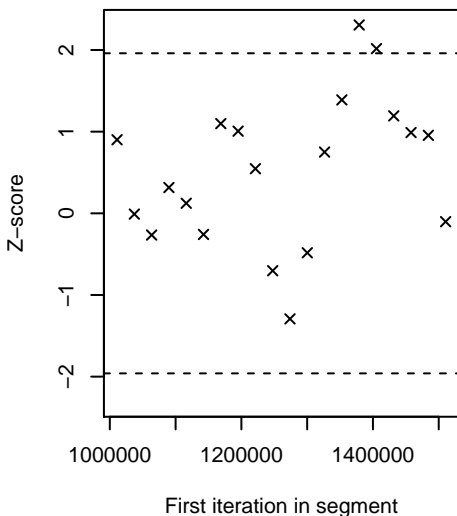
log.resid[24] (chain1)



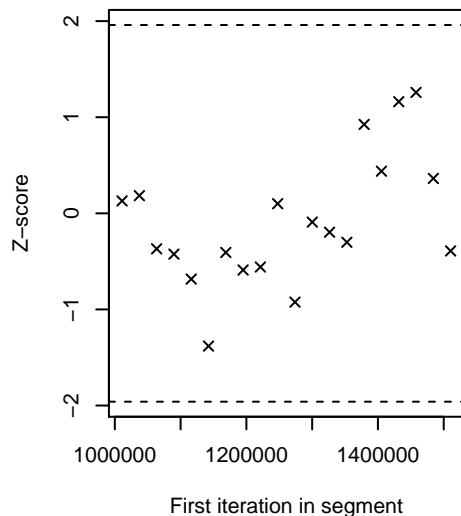
log.resid[25] (chain1)



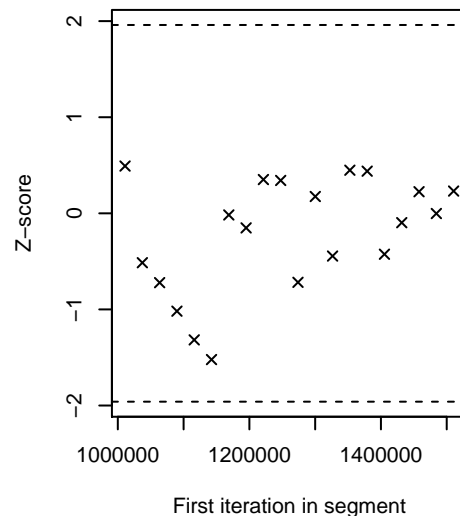
log.resid[26] (chain1)



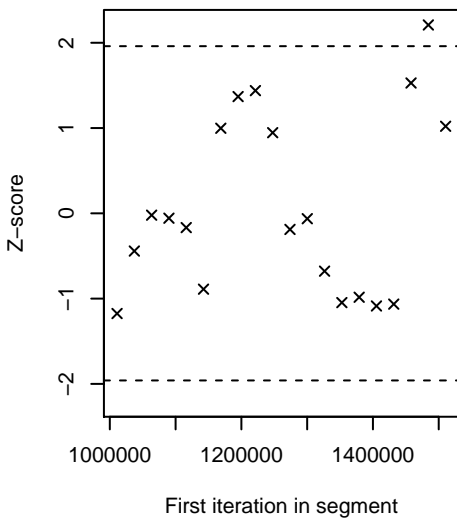
log.resid[27] (chain1)



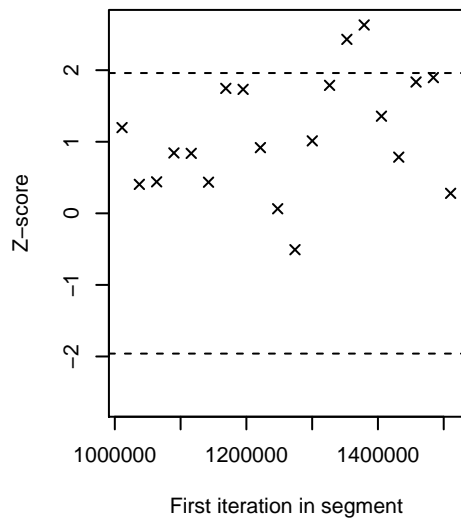
log.resid[28] (chain1)



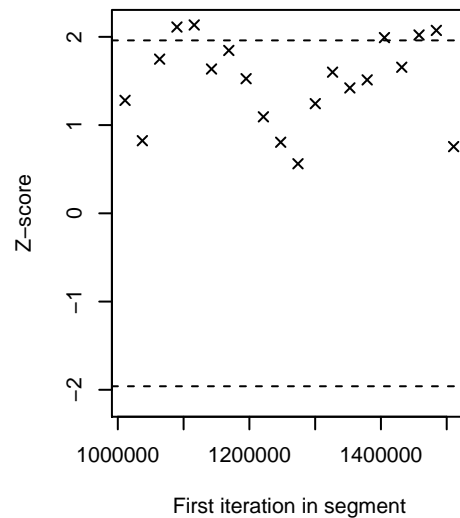
log.resid[29] (chain1)



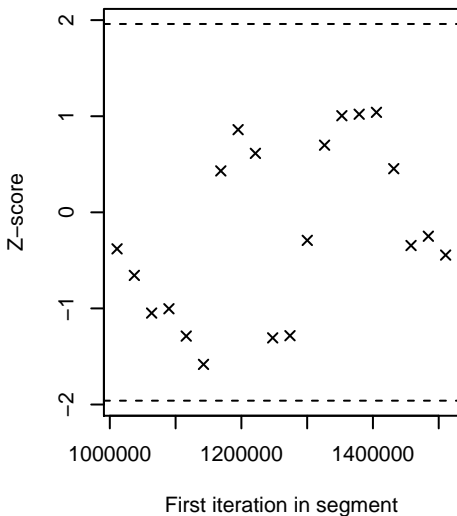
log.resid[30] (chain1)



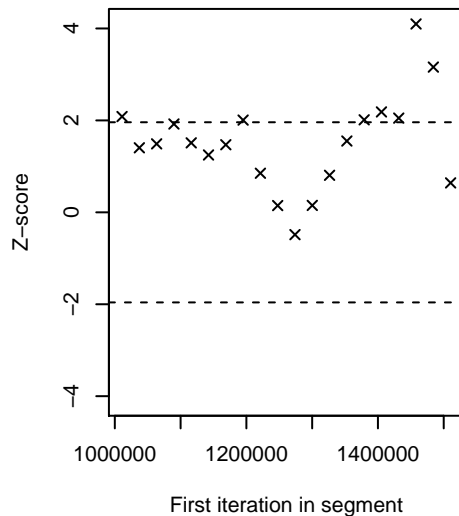
log.resid[31] (chain1)



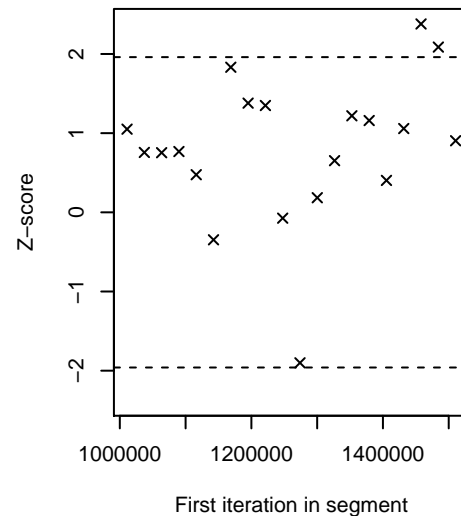
log.resid[32] (chain1)



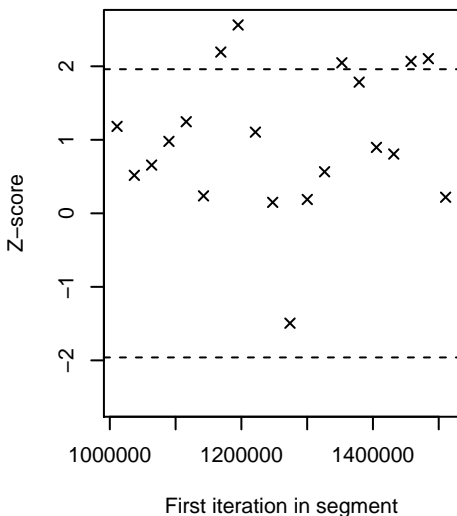
log.resid[33] (chain1)



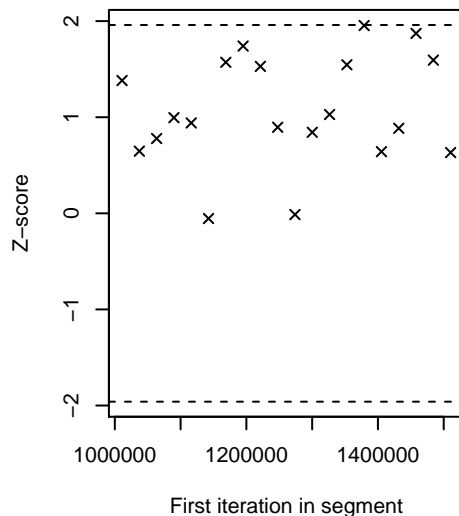
log.resid[34] (chain1)



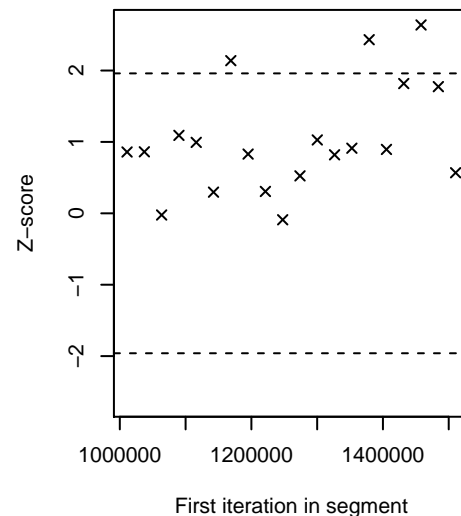
log.resid[35] (chain1)



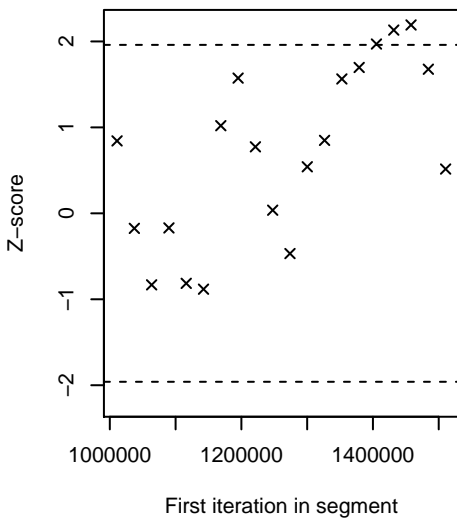
log.resid[36] (chain1)



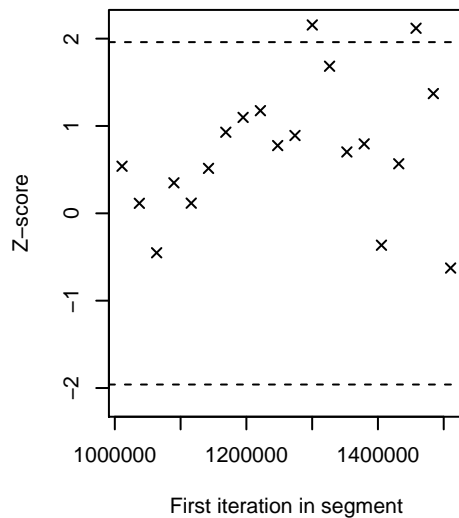
log.resid[37] (chain1)



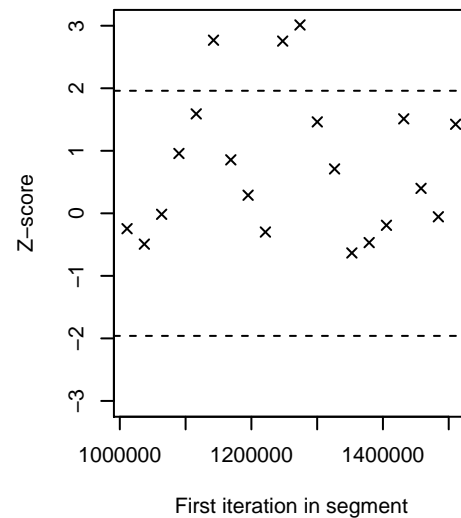
log.resid[38] (chain1)



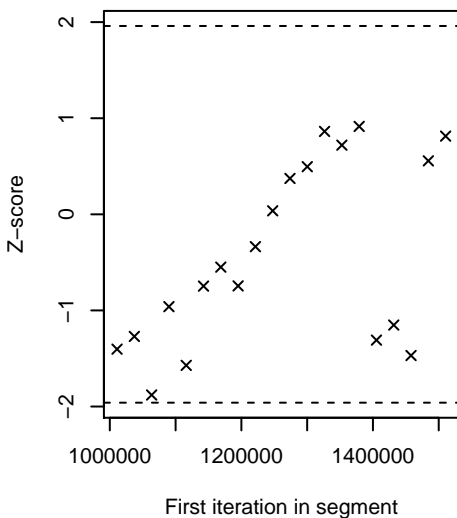
log.resid[39] (chain1)



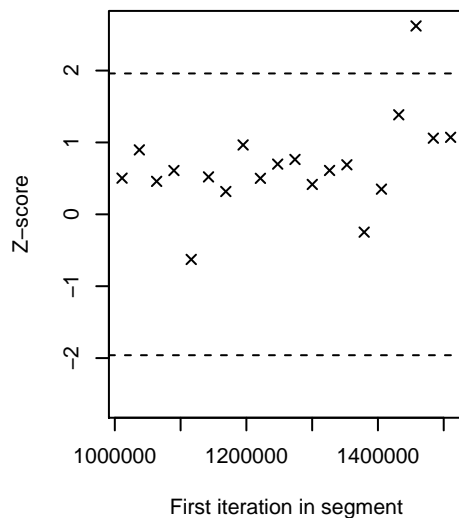
log.resid.0 (chain1)



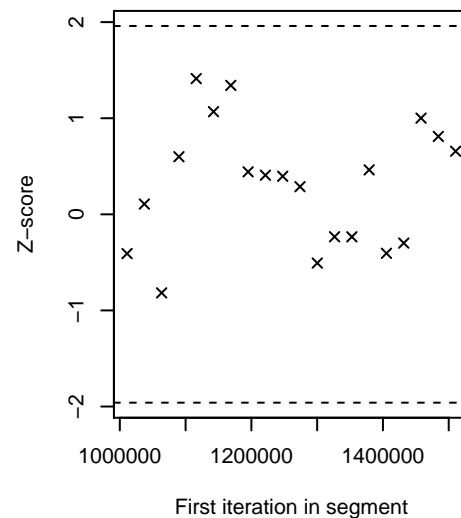
mean.log.R0 (chain1)



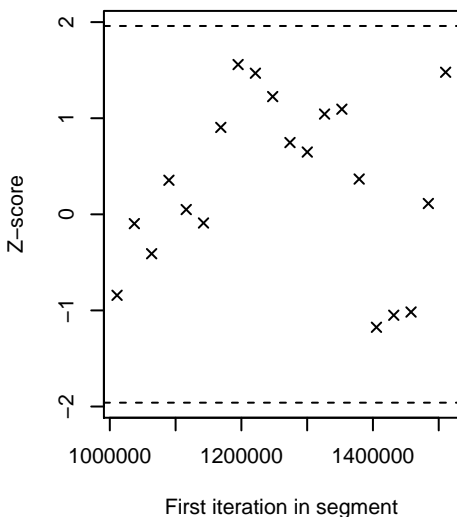
mu.HB[1] (chain1)



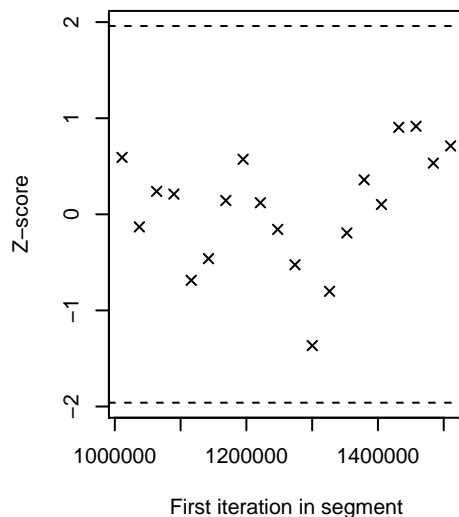
mu.HB[2] (chain1)



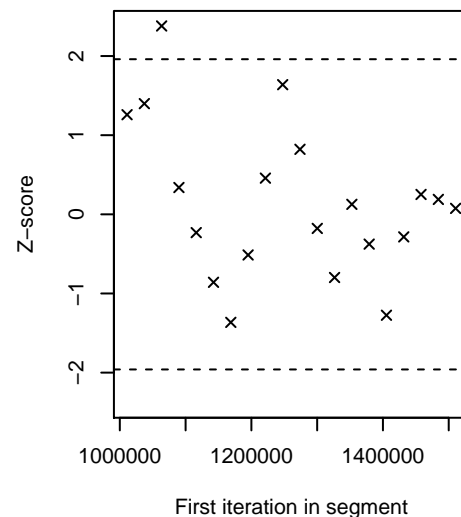
mu.HB[3] (chain1)



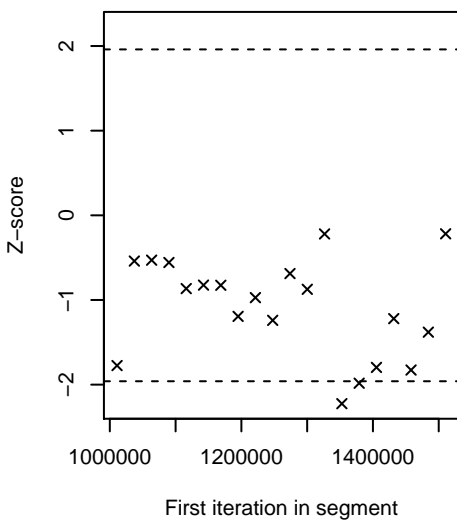
mu.HB[4] (chain1)



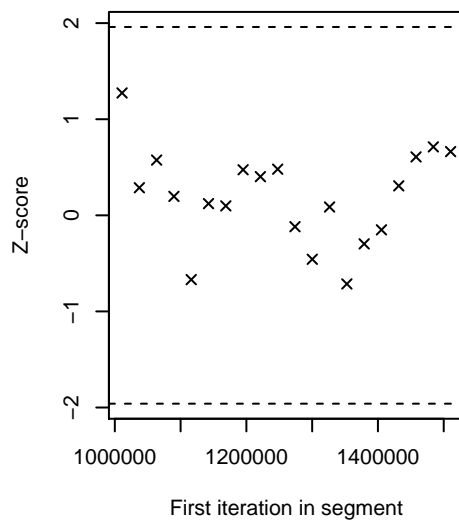
mu.HB[5] (chain1)



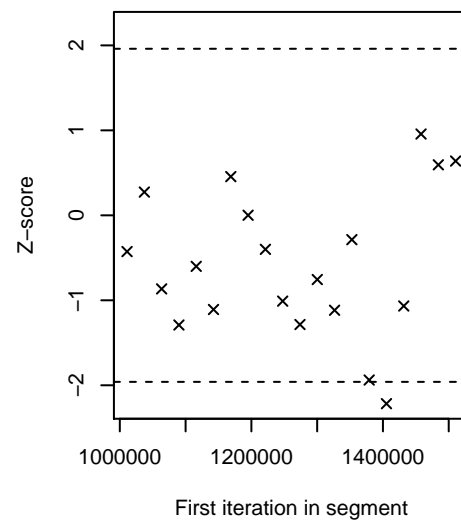
mu.HB[6] (chain1)



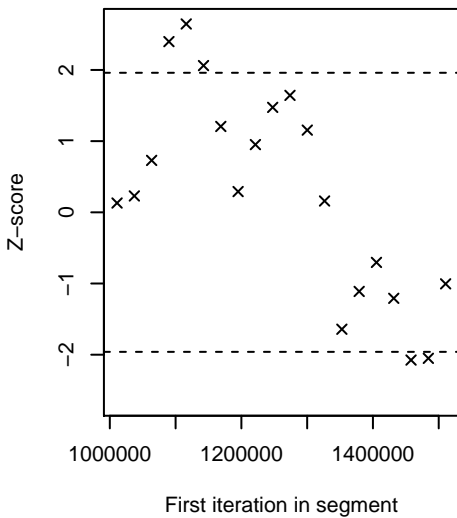
mu.HB[7] (chain1)



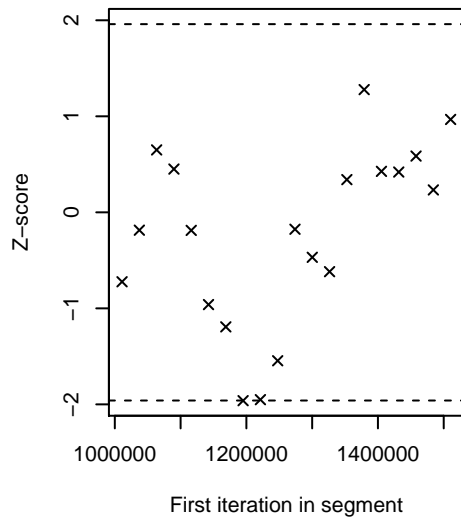
mu.HB[8] (chain1)



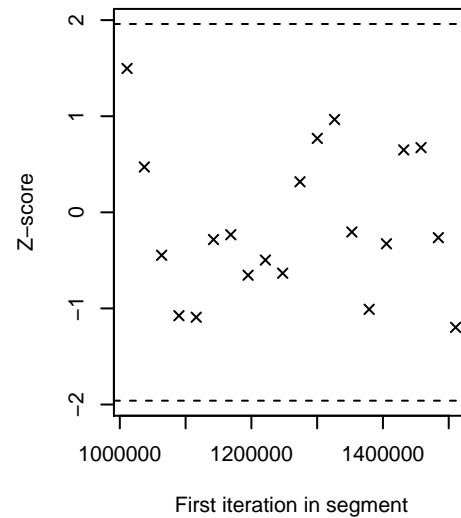
mu.HB[9] (chain1)



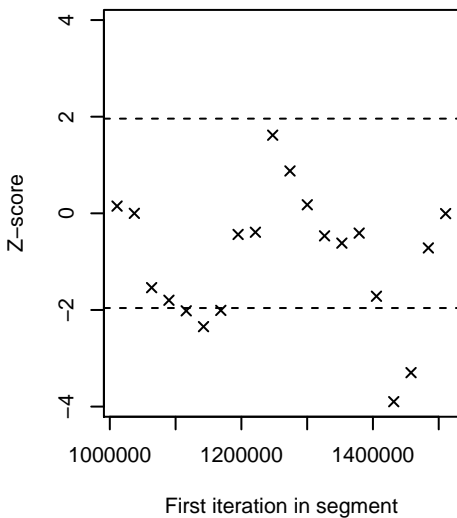
mu.HB[10] (chain1)



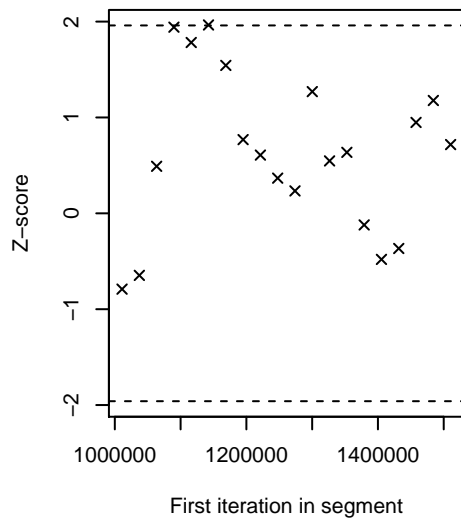
mu.HB[11] (chain1)



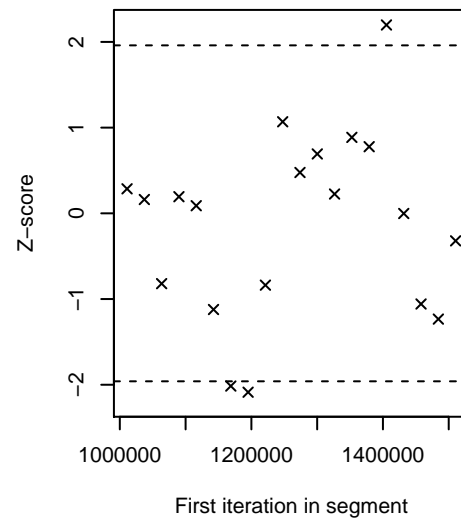
mu.HB[12] (chain1)



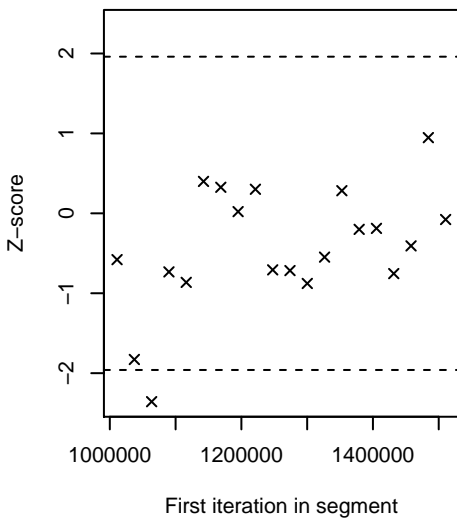
mu.HB[13] (chain1)



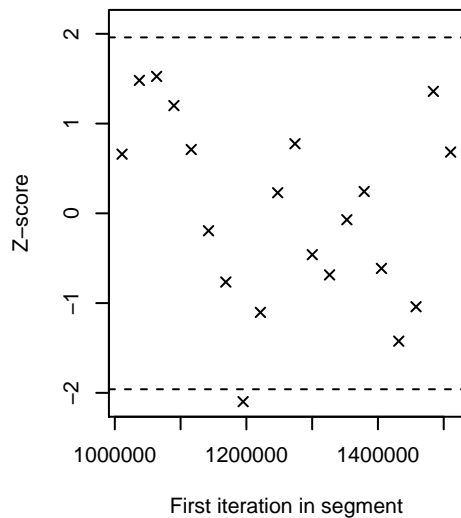
mu.HB[14] (chain1)



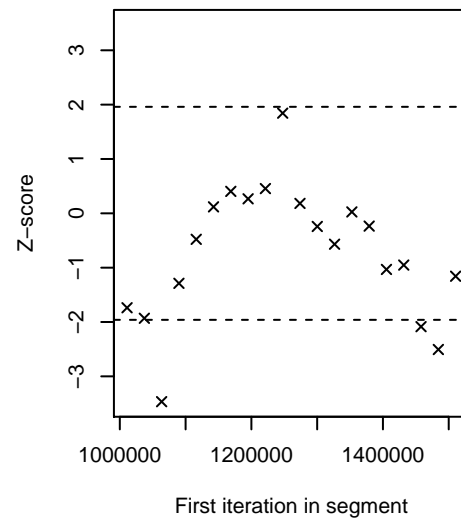
mu.HB[15] (chain1)



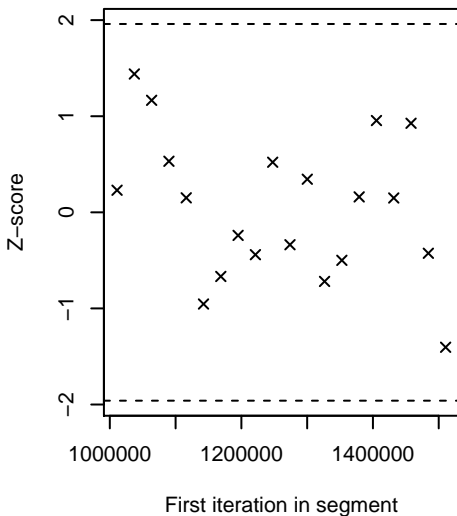
mu.HB[16] (chain1)



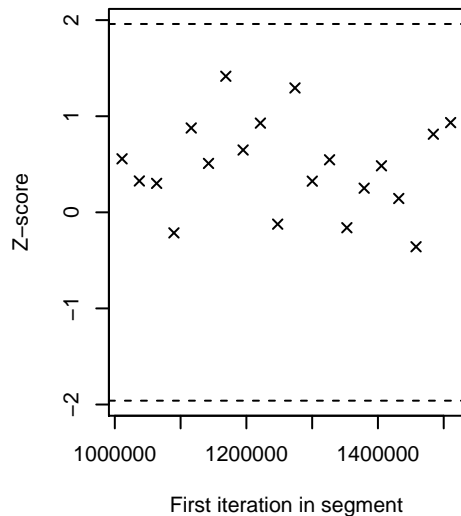
mu.HB[17] (chain1)



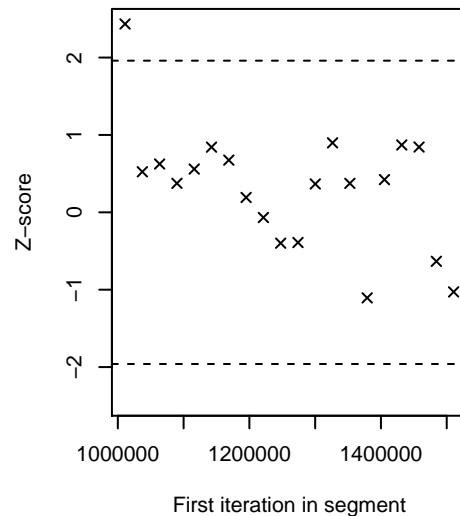
mu.HB[18] (chain1)



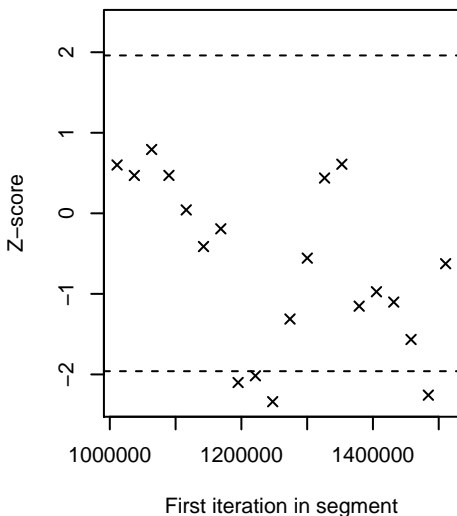
mu.HB[19] (chain1)



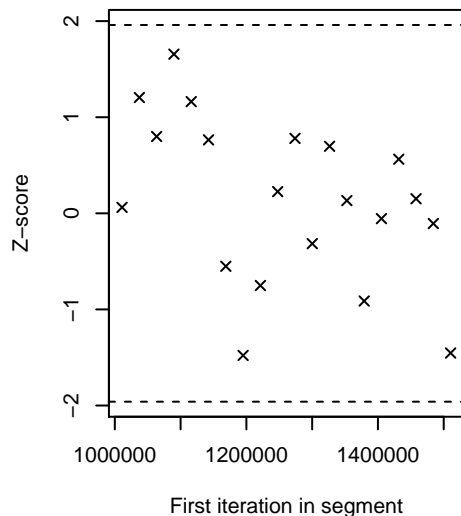
mu.HB[20] (chain1)



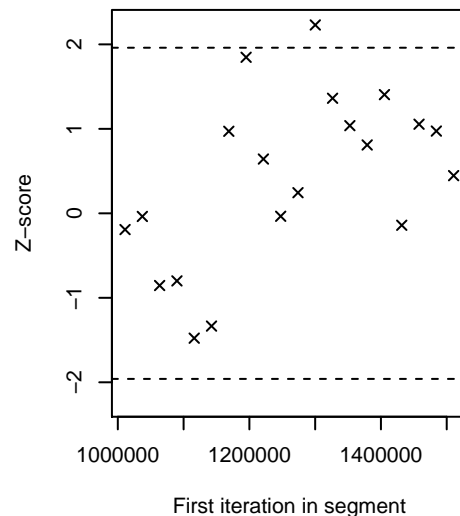
mu.HB[21] (chain1)



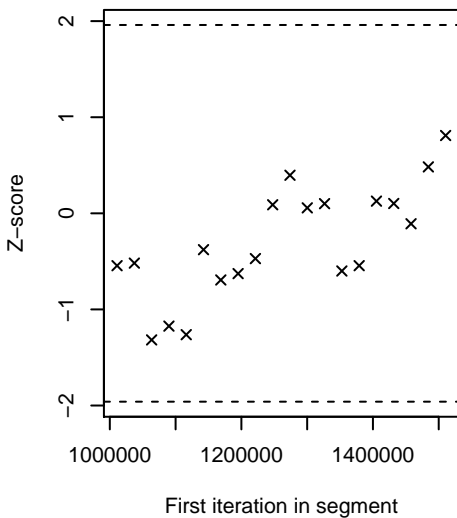
mu.HB[22] (chain1)



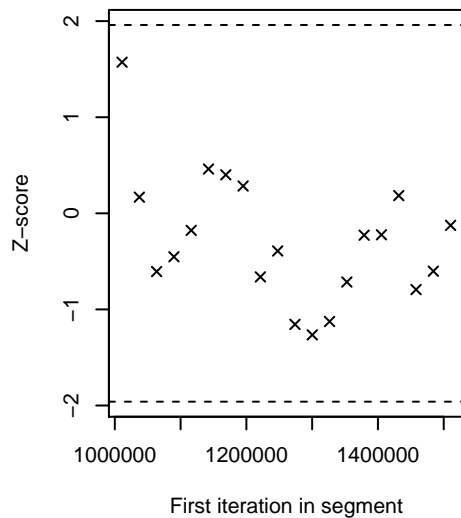
mu.HB[23] (chain1)



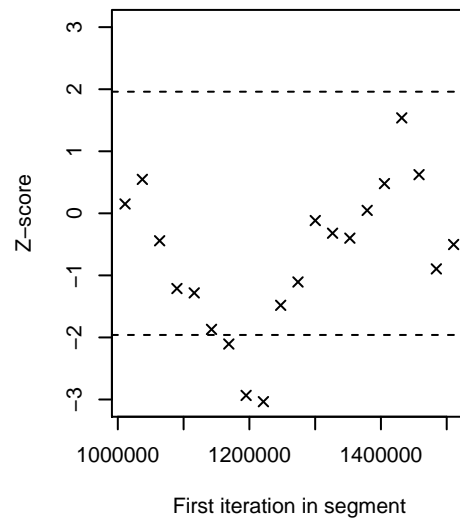
mu.HB[24] (chain1)



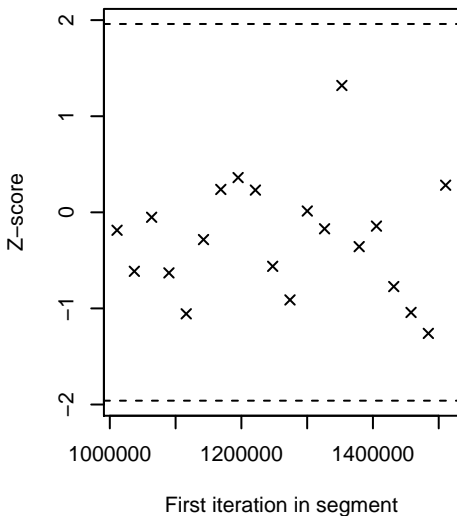
mu.HB[25] (chain1)



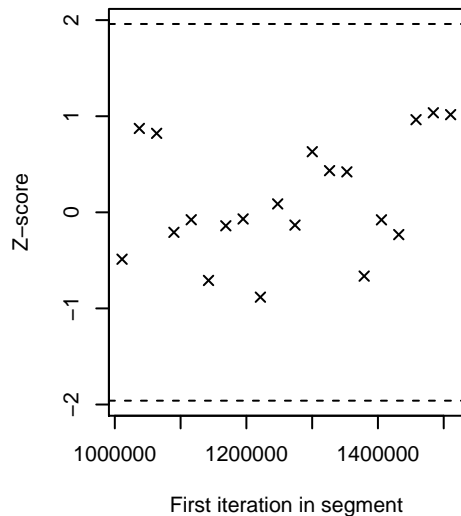
mu.HB[26] (chain1)



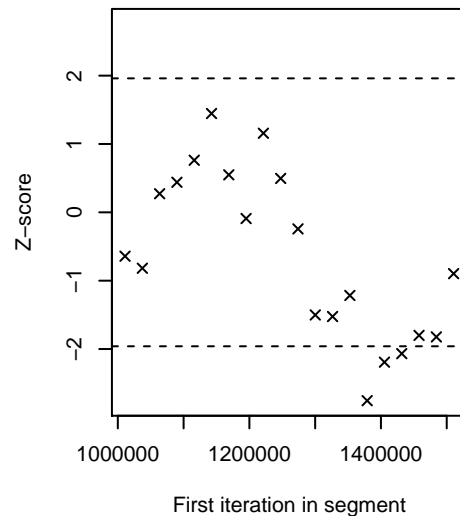
mu.HB[27] (chain1)



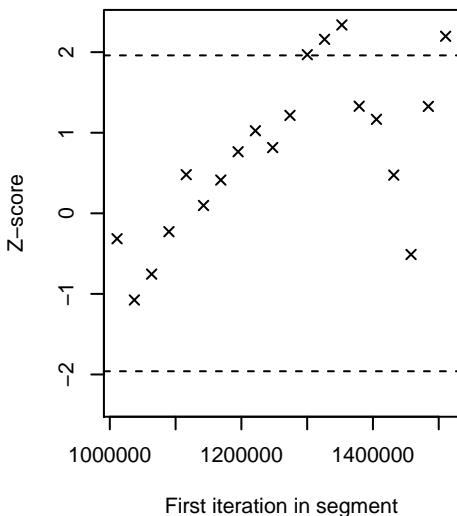
mu.HB[28] (chain1)



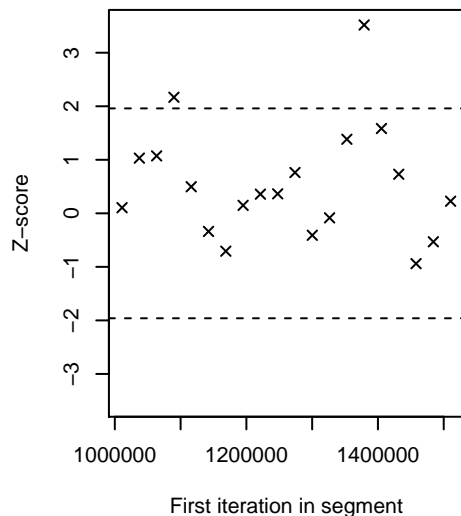
mu.HB[29] (chain1)



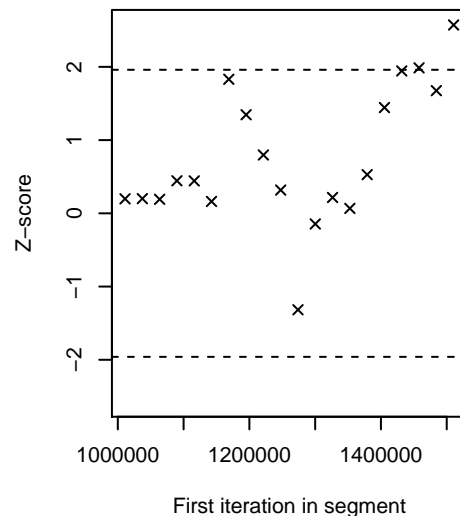
mu.HB[30] (chain1)



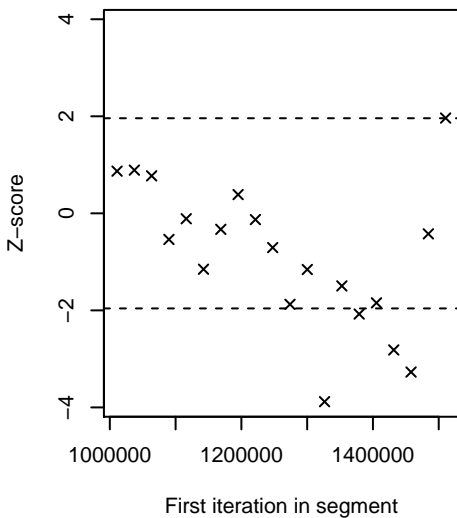
mu.HB[31] (chain1)



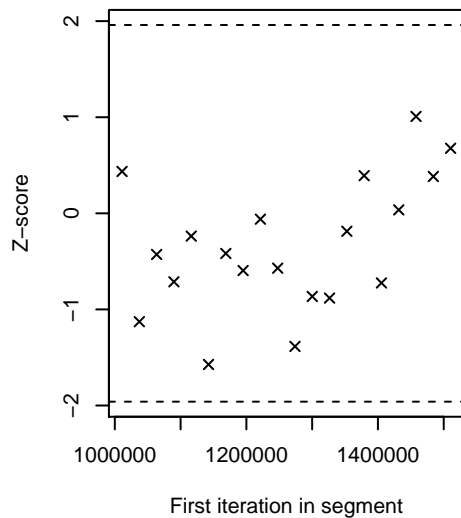
mu.HB[32] (chain1)



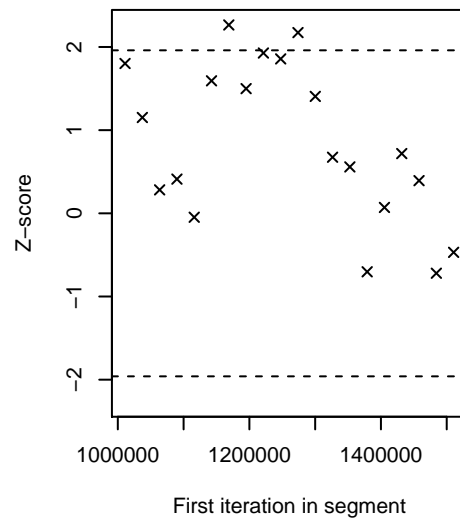
mu.HB[33] (chain1)



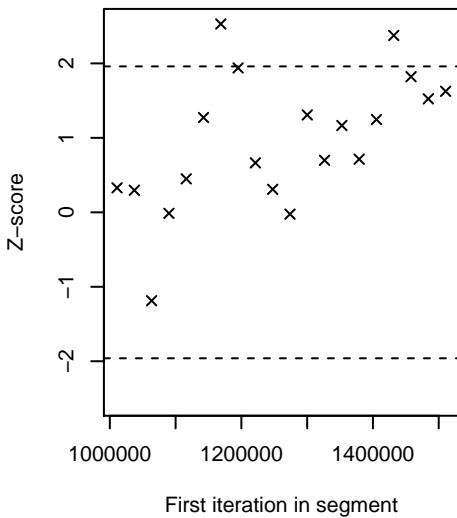
mu.HB[34] (chain1)



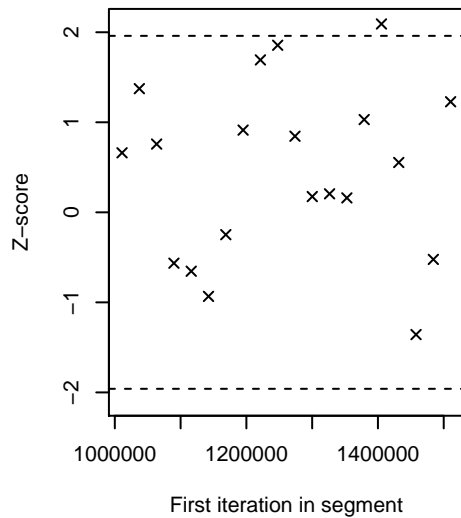
mu.HB[35] (chain1)



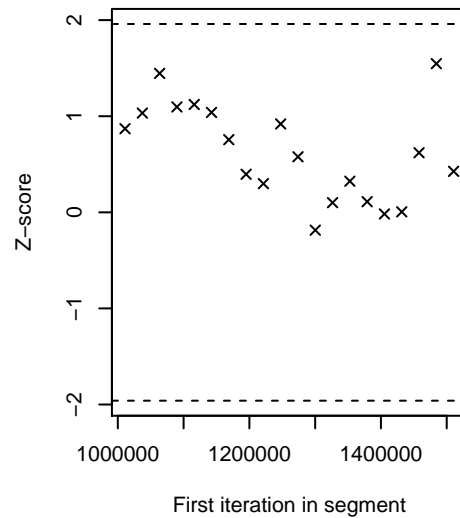
mu.HB[36] (chain1)



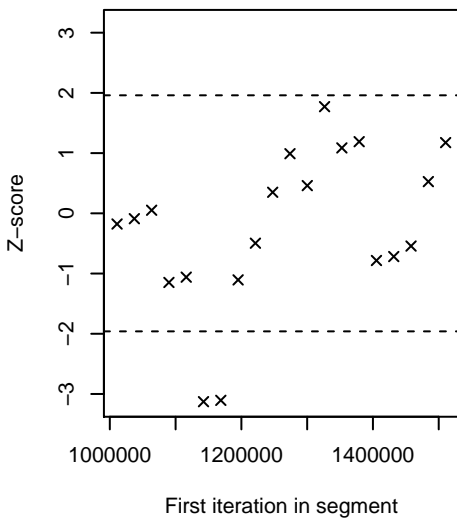
mu.HB[37] (chain1)



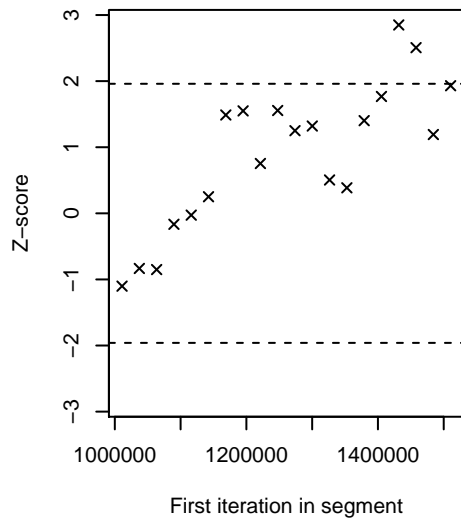
p[1,1] (chain1)



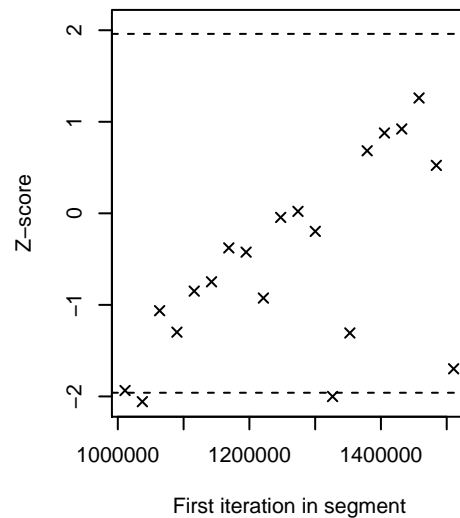
p[2,1] (chain1)



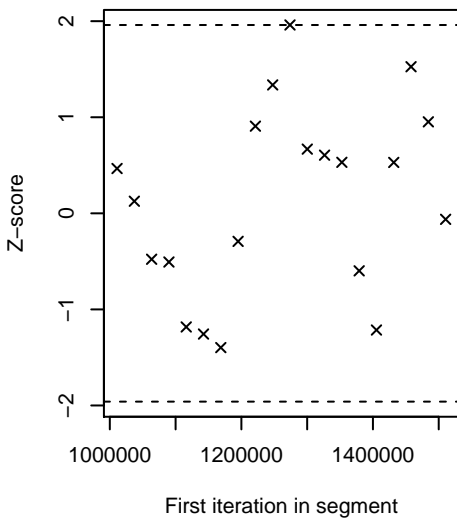
p[3,1] (chain1)



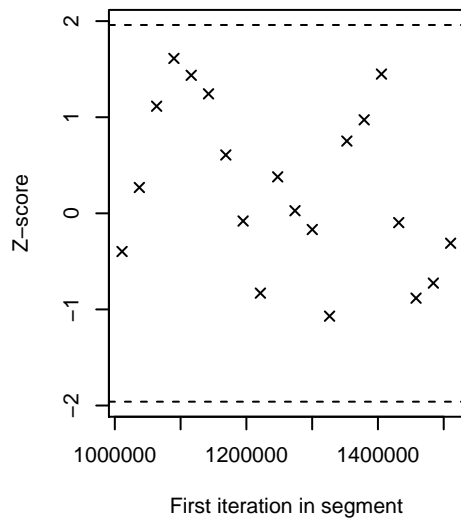
p[4,1] (chain1)



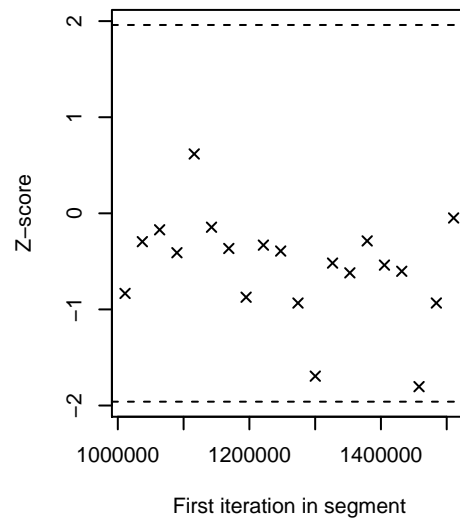
p[5,1] (chain1)



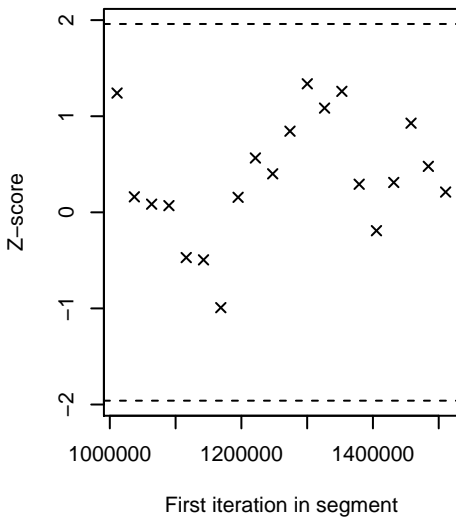
p[6,1] (chain1)



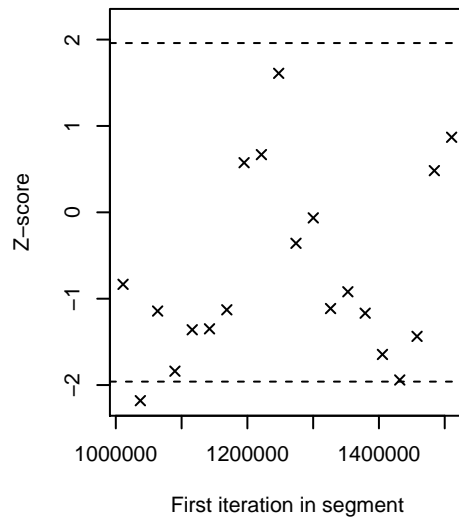
p[7,1] (chain1)



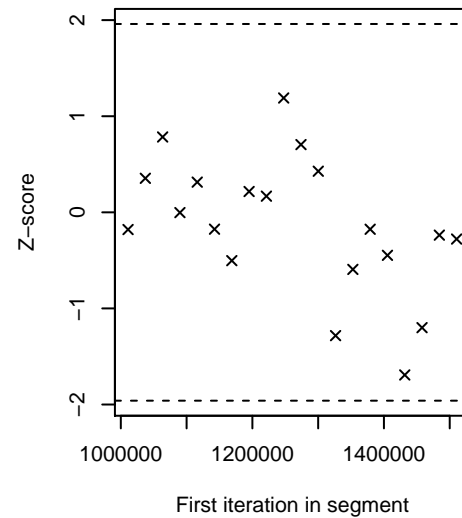
p[8,1] (chain1)



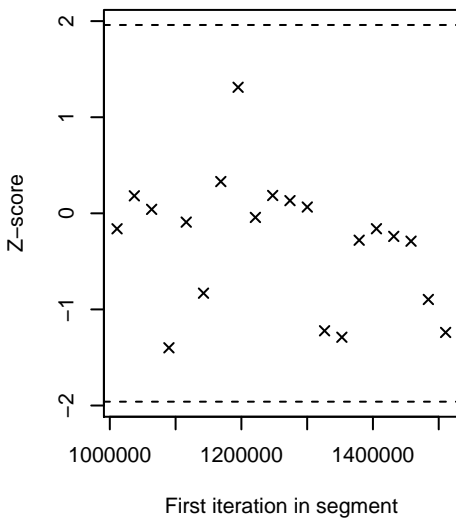
p[9,1] (chain1)



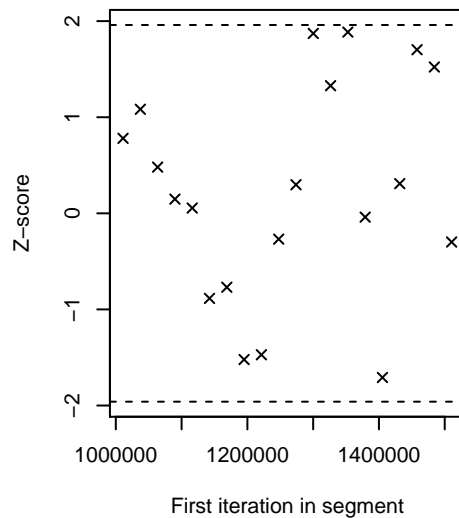
p[10,1] (chain1)



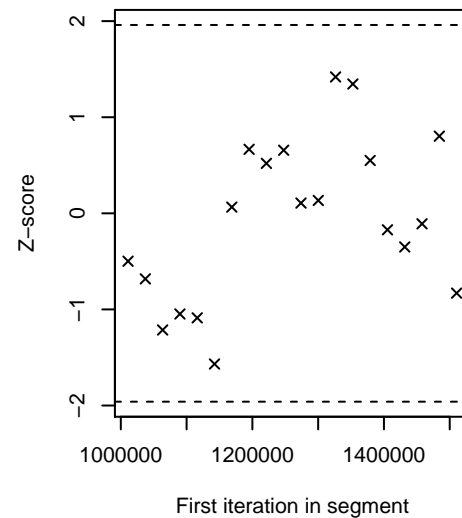
p[11,1] (chain1)



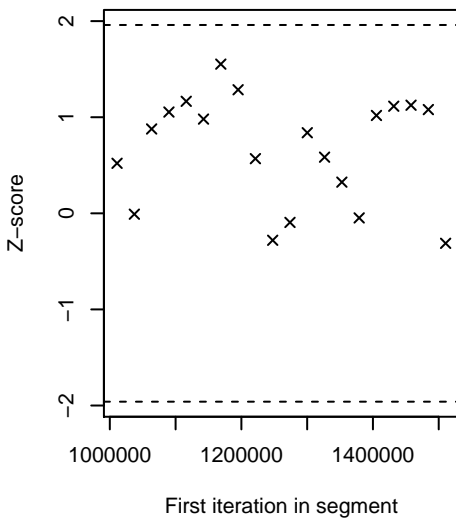
p[12,1] (chain1)



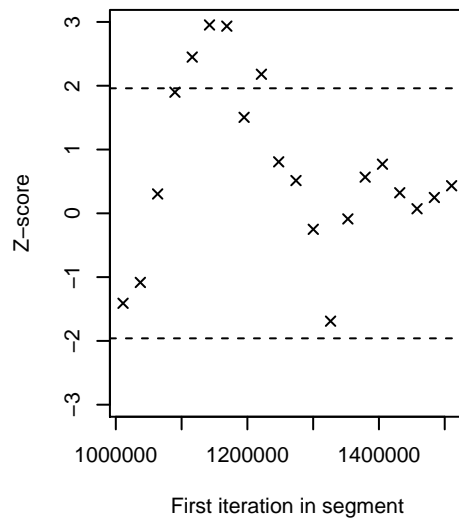
p[13,1] (chain1)



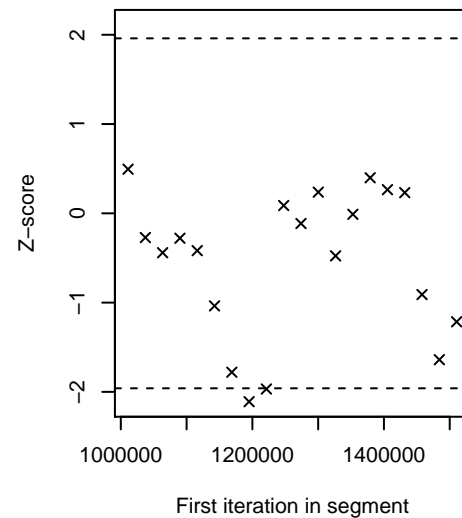
p[14,1] (chain1)



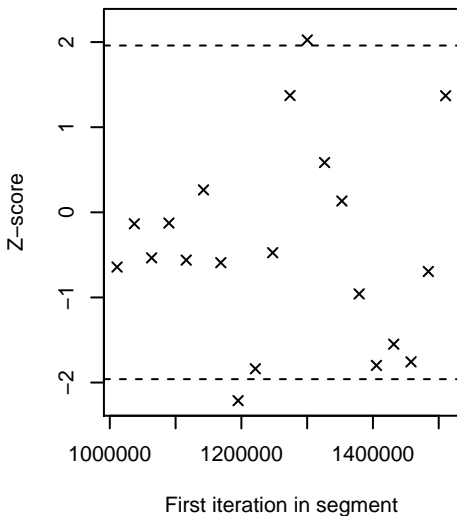
p[15,1] (chain1)



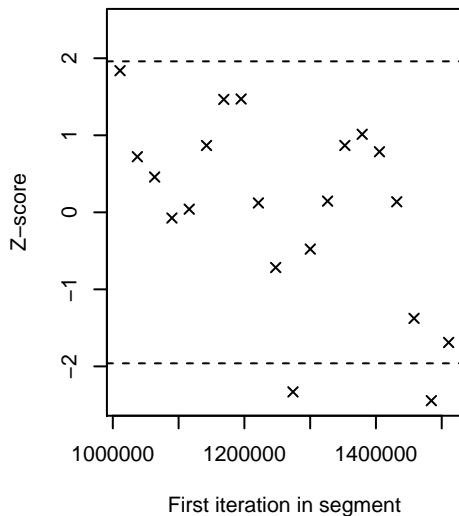
p[16,1] (chain1)



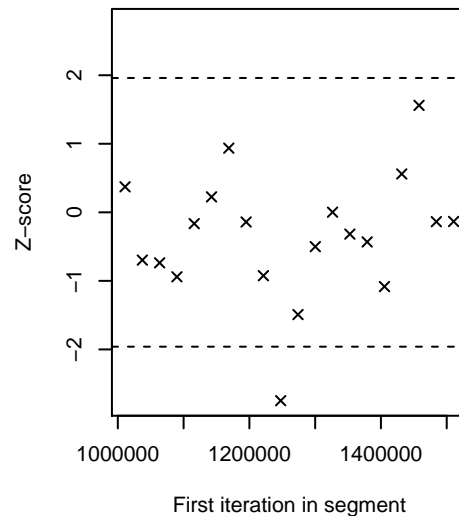
p[17,1] (chain1)



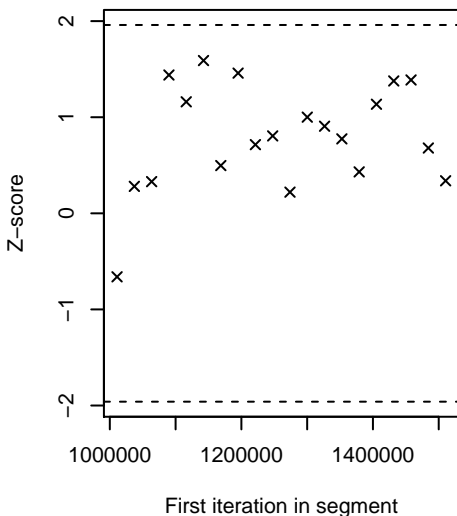
p[18,1] (chain1)



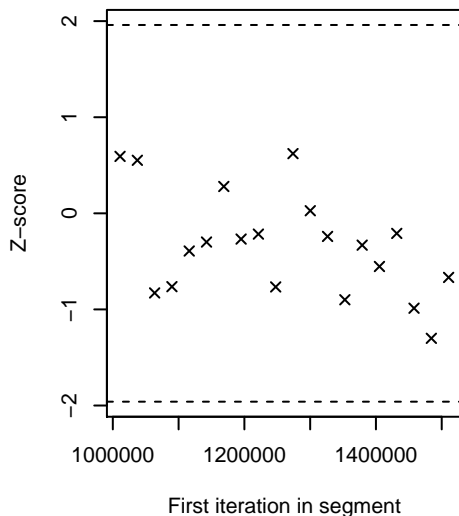
p[19,1] (chain1)



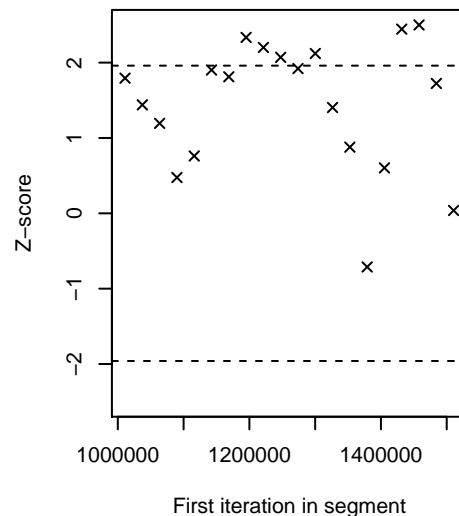
p[20,1] (chain1)



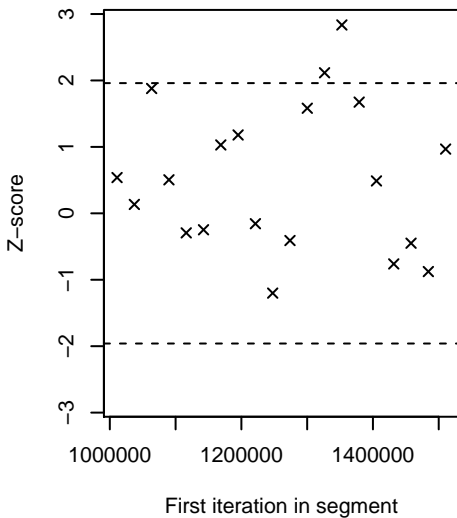
p[21,1] (chain1)



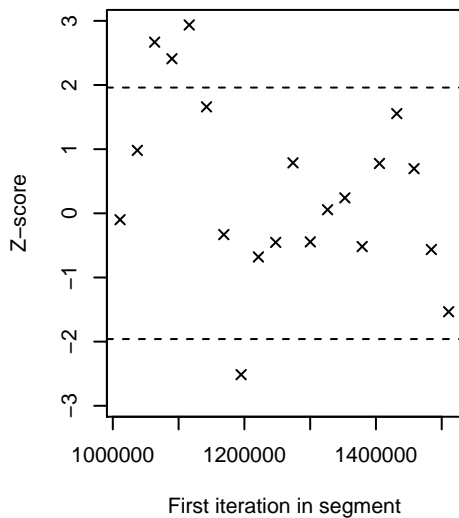
p[22,1] (chain1)



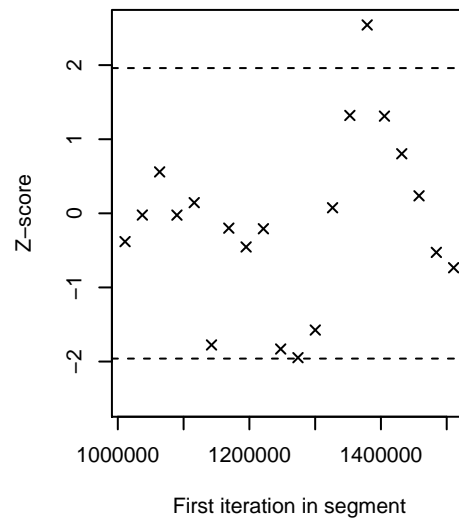
p[23,1] (chain1)



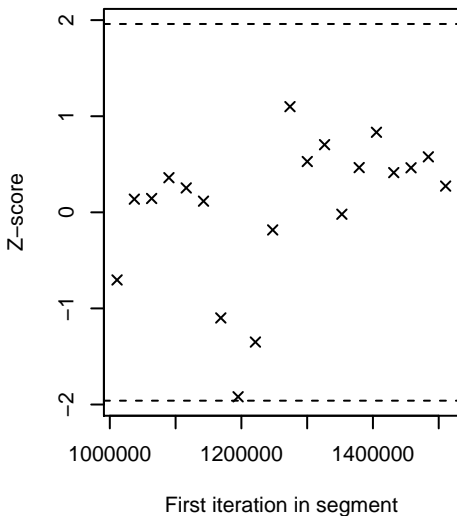
p[24,1] (chain1)



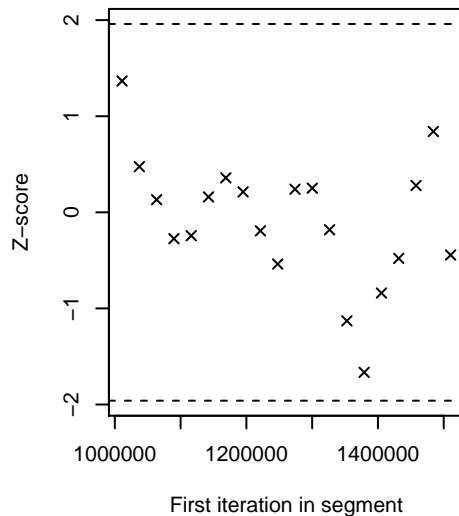
p[25,1] (chain1)



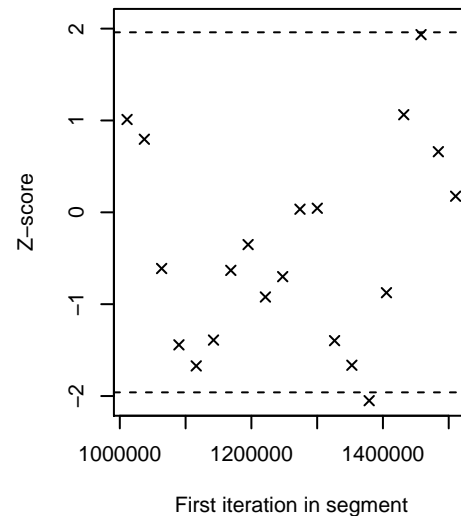
p[26,1] (chain1)



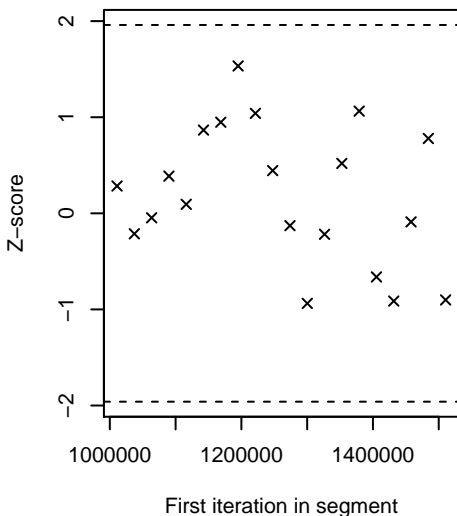
p[27,1] (chain1)



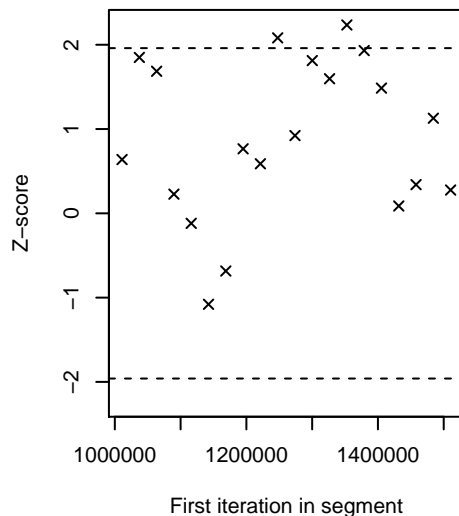
p[28,1] (chain1)



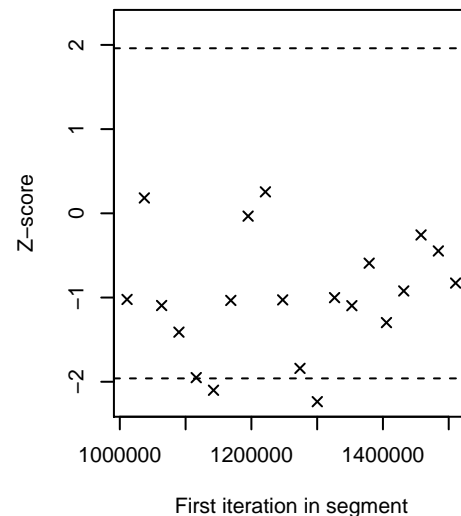
p[29,1] (chain1)



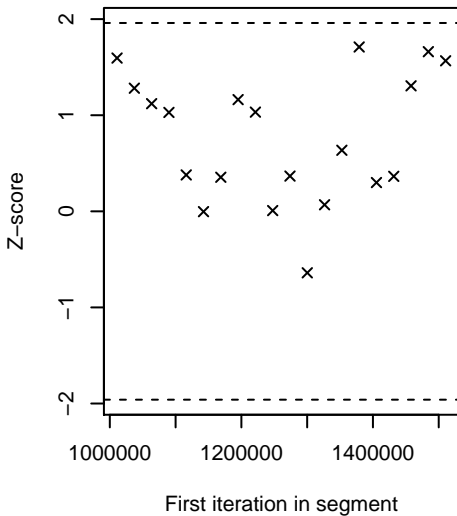
p[30,1] (chain1)



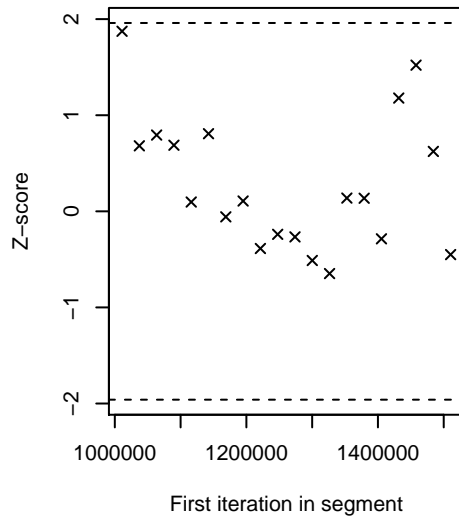
p[31,1] (chain1)



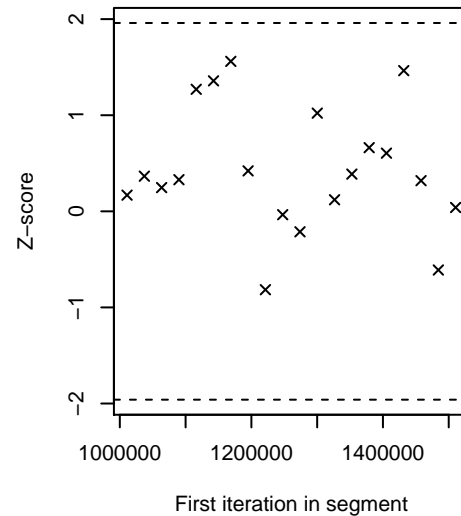
p[32,1] (chain1)



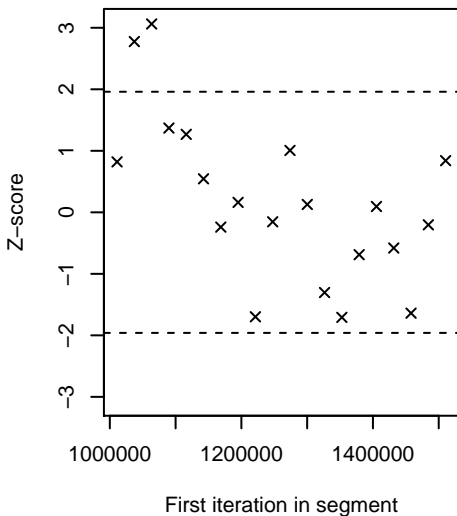
p[33,1] (chain1)



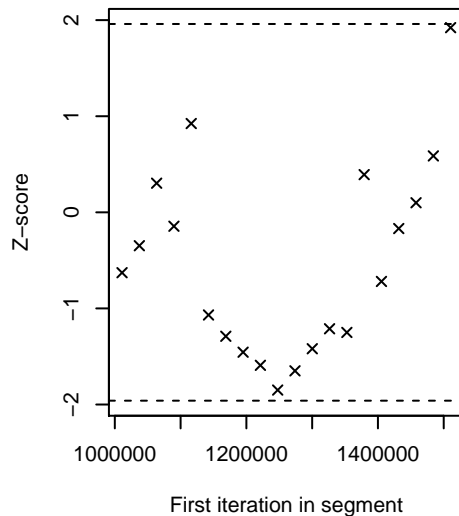
p[34,1] (chain1)



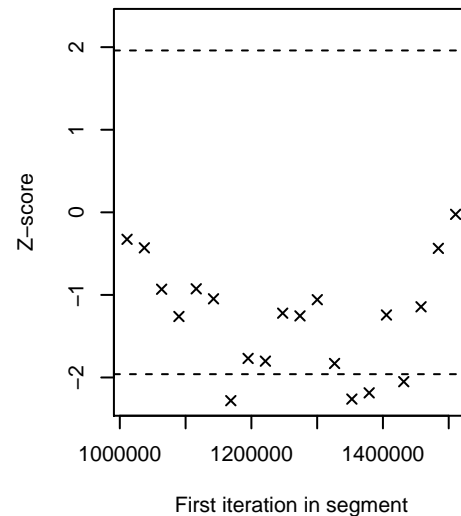
p[35,1] (chain1)



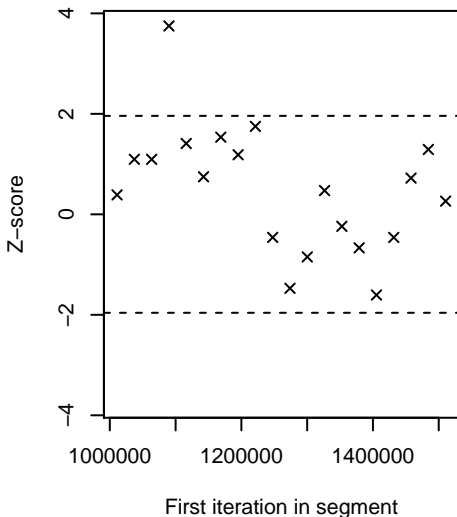
p[36,1] (chain1)



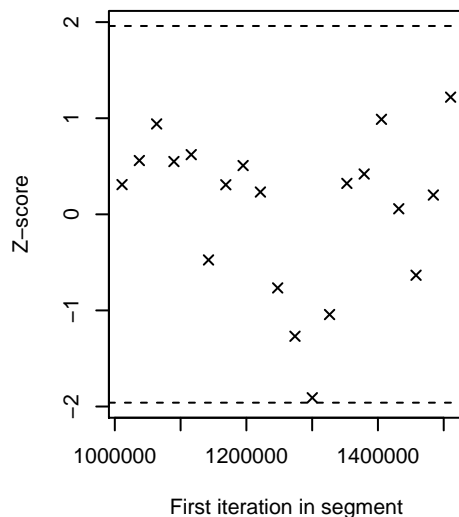
p[37,1] (chain1)



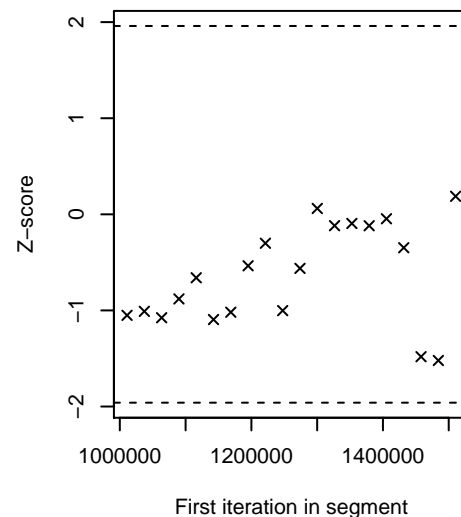
p[38,1] (chain1)



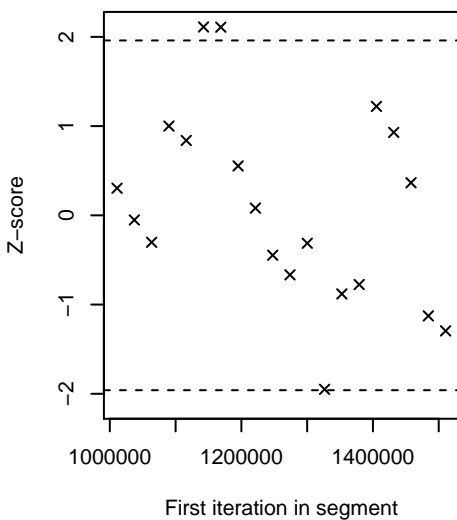
p[39,1] (chain1)



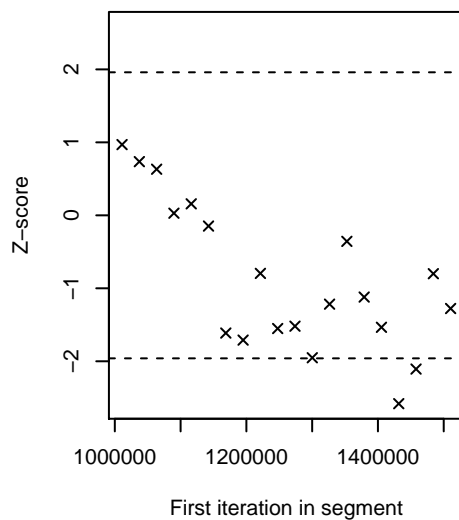
p[1,2] (chain1)



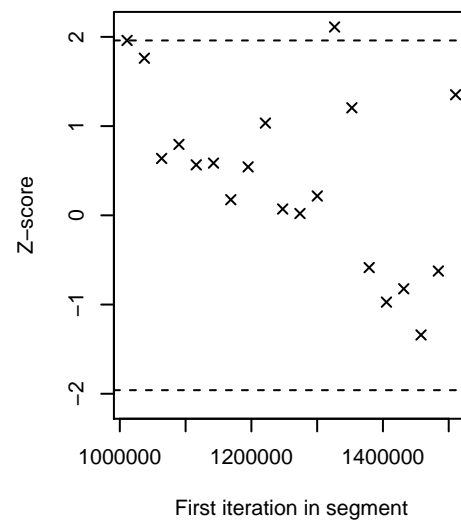
p[2,2] (chain1)



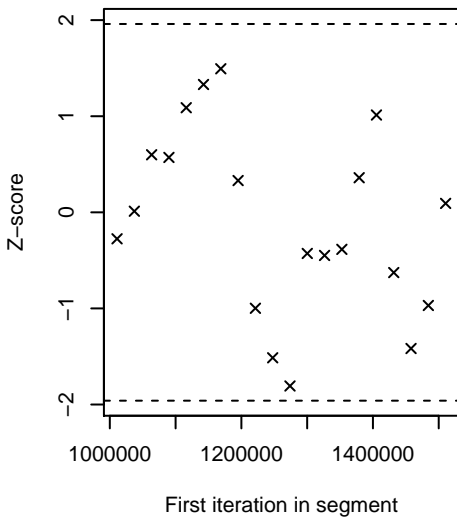
p[3,2] (chain1)



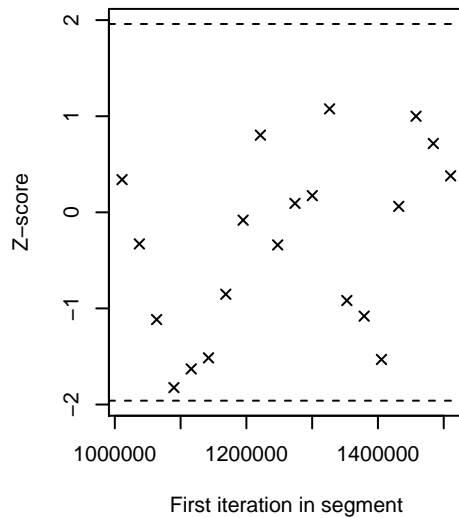
p[4,2] (chain1)



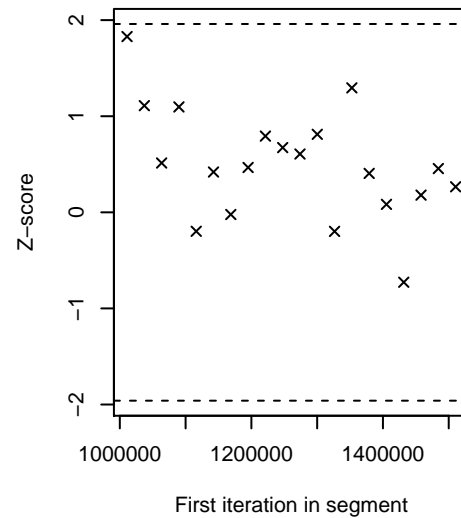
p[5,2] (chain1)



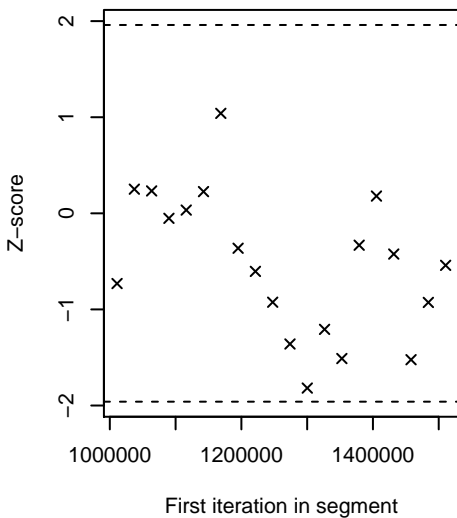
p[6,2] (chain1)



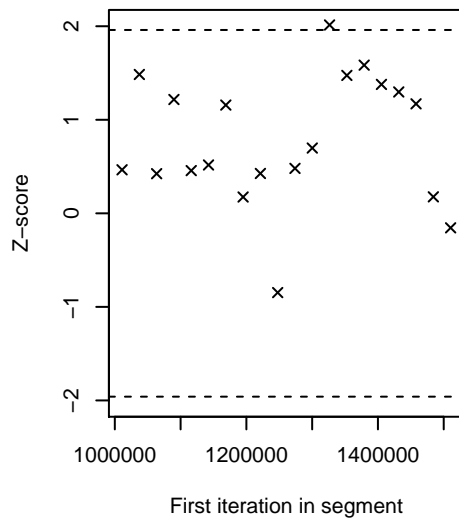
p[7,2] (chain1)



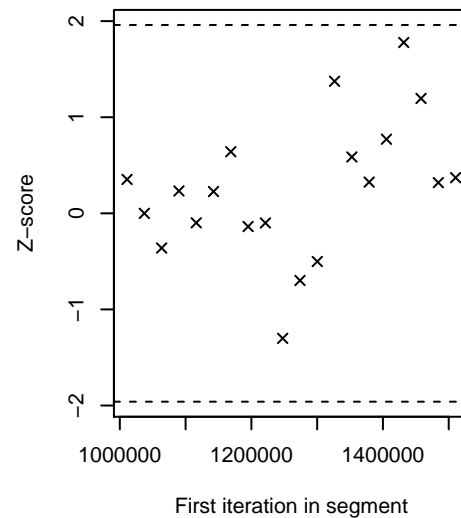
p[8,2] (chain1)



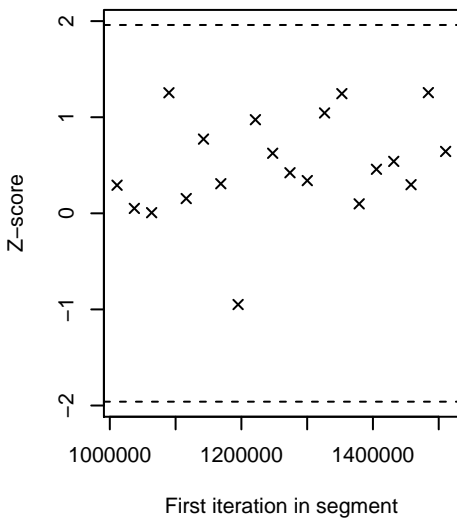
p[9,2] (chain1)



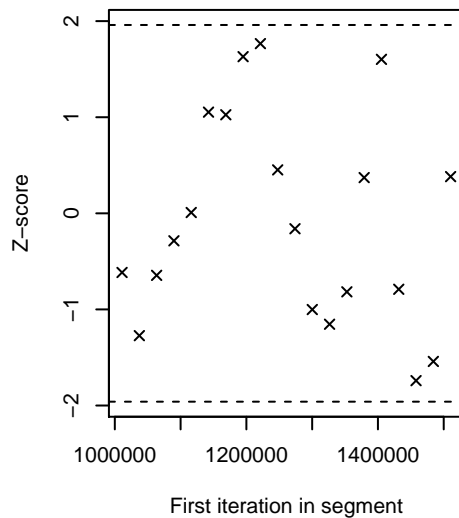
p[10,2] (chain1)



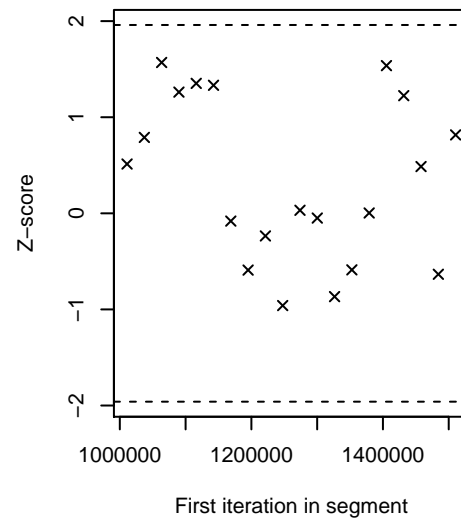
p[11,2] (chain1)



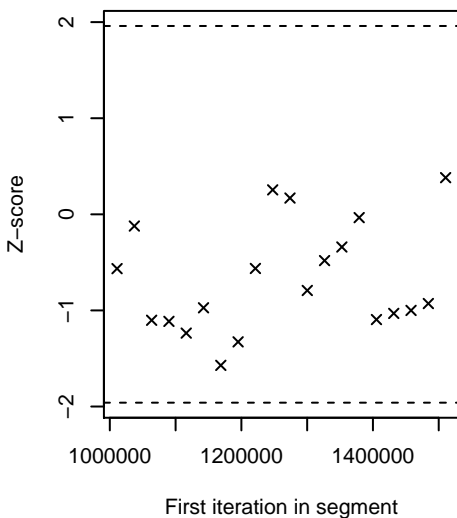
p[12,2] (chain1)



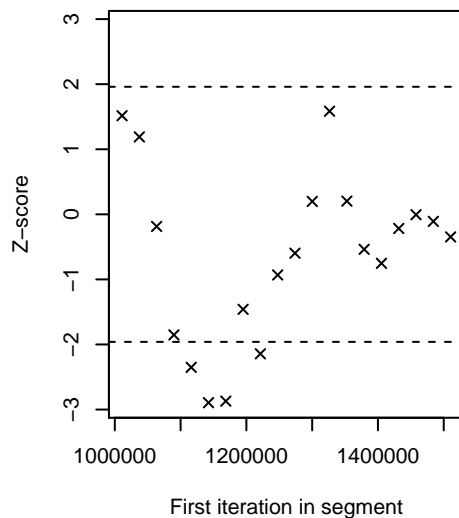
p[13,2] (chain1)



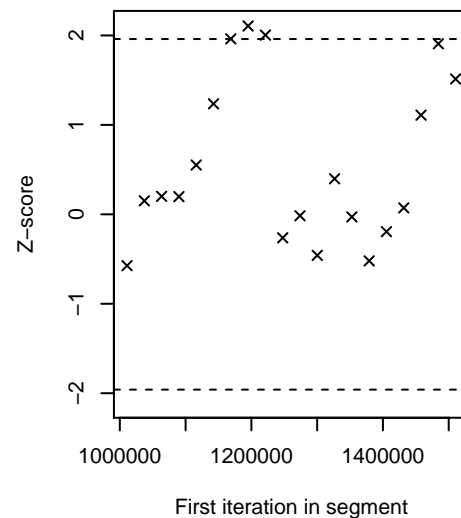
p[14,2] (chain1)



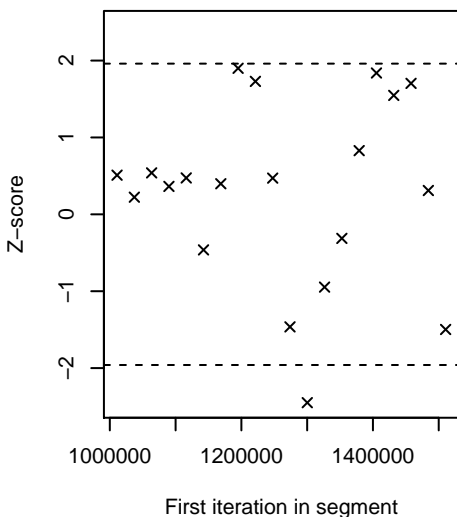
p[15,2] (chain1)



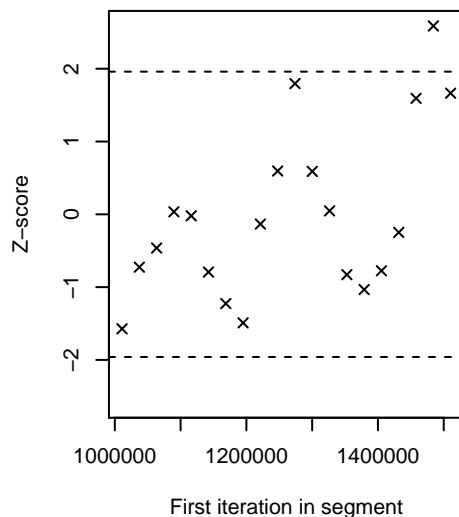
p[16,2] (chain1)



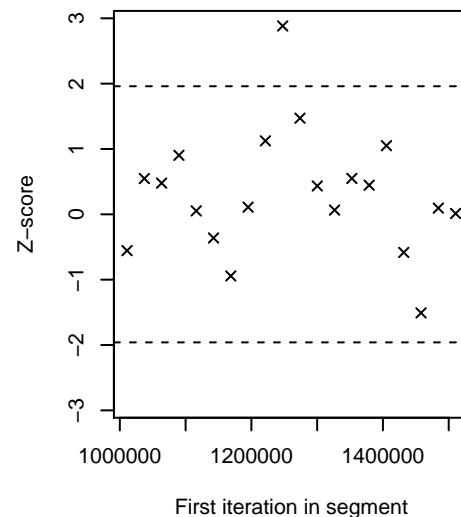
p[17,2] (chain1)



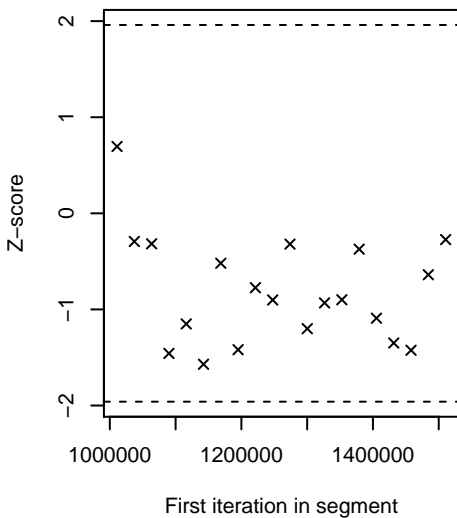
p[18,2] (chain1)



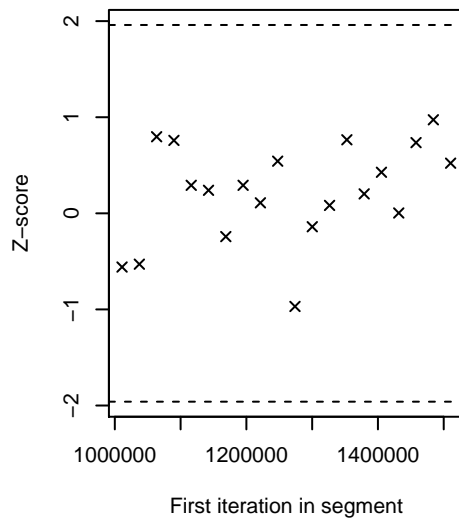
p[19,2] (chain1)



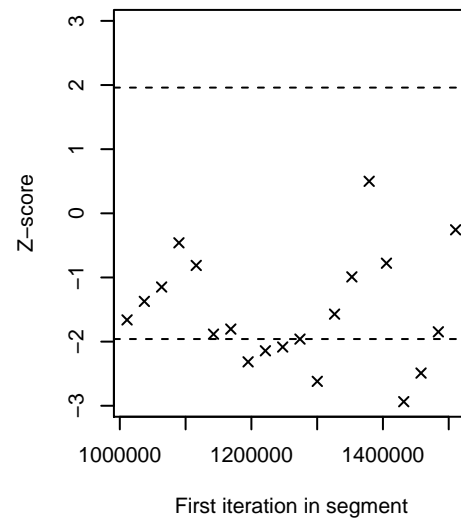
p[20,2] (chain1)



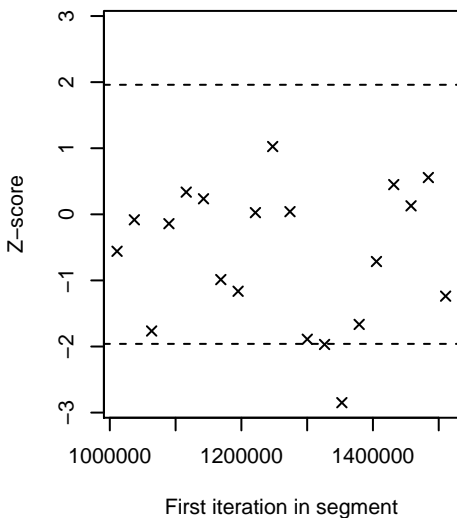
p[21,2] (chain1)



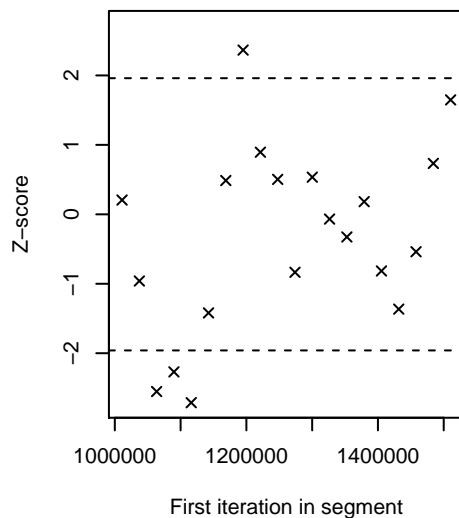
p[22,2] (chain1)



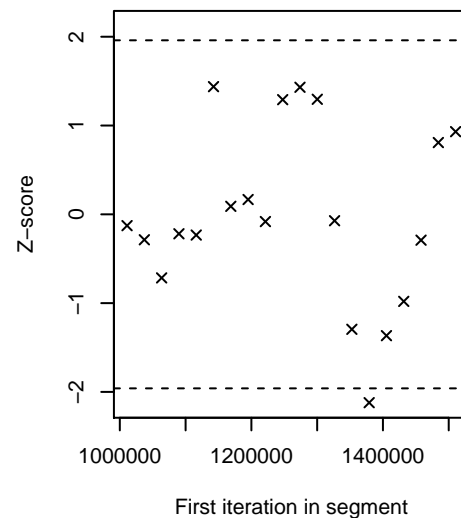
p[23,2] (chain1)



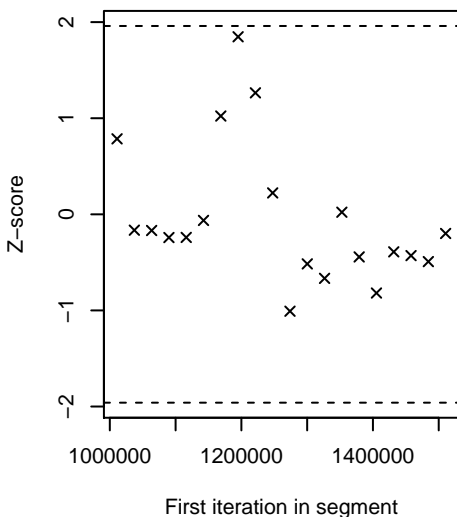
p[24,2] (chain1)



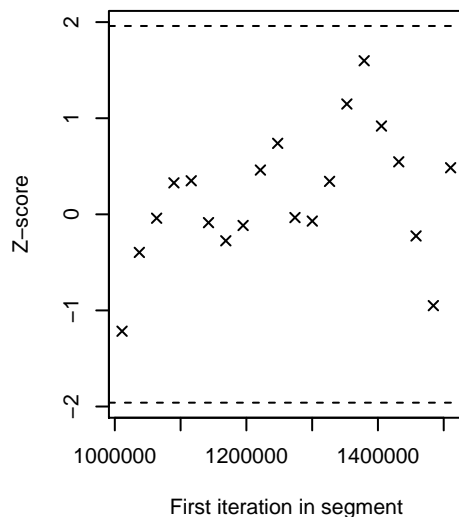
p[25,2] (chain1)



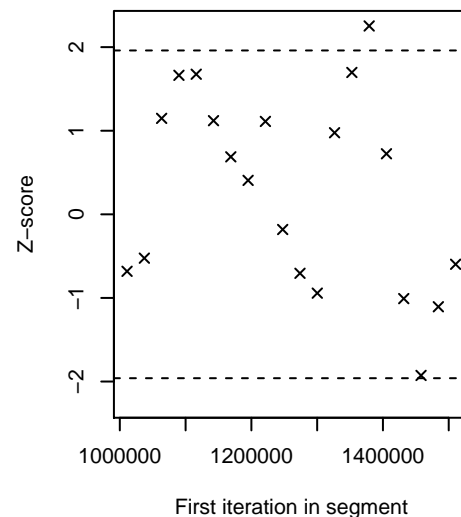
p[26,2] (chain1)



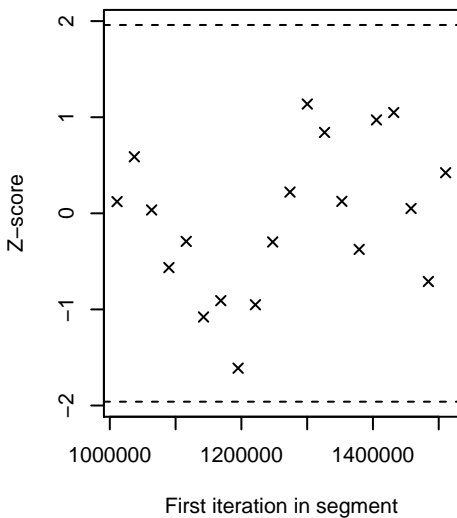
p[27,2] (chain1)



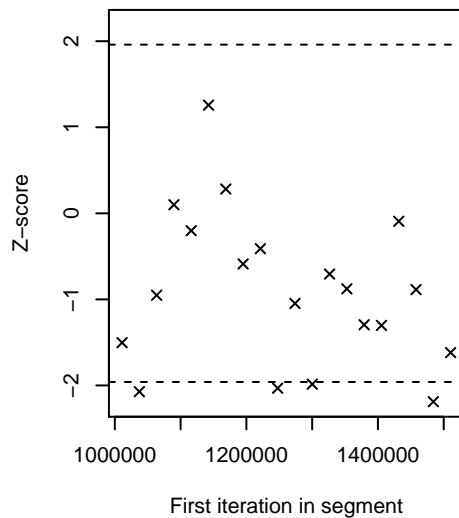
p[28,2] (chain1)



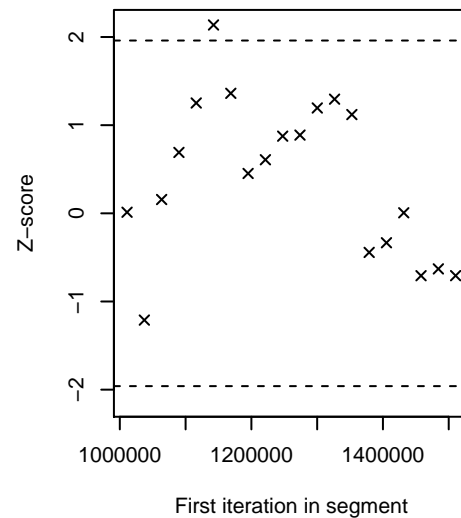
p[29,2] (chain1)



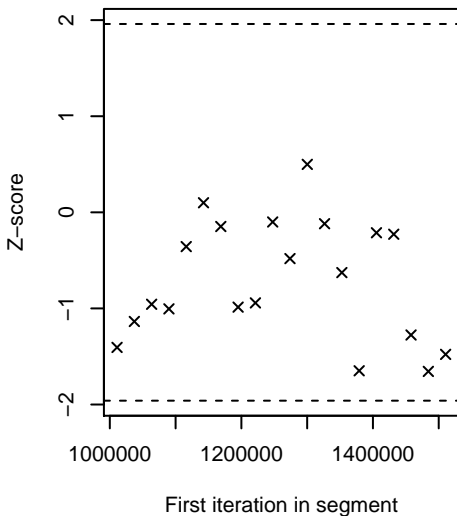
p[30,2] (chain1)



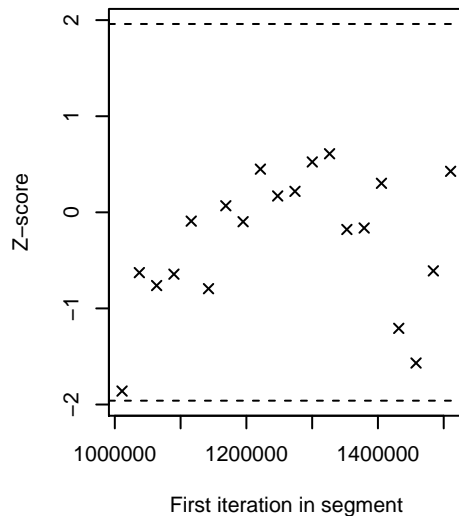
p[31,2] (chain1)



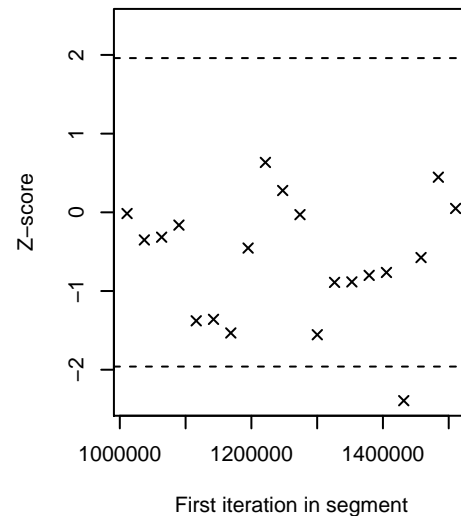
p[32,2] (chain1)



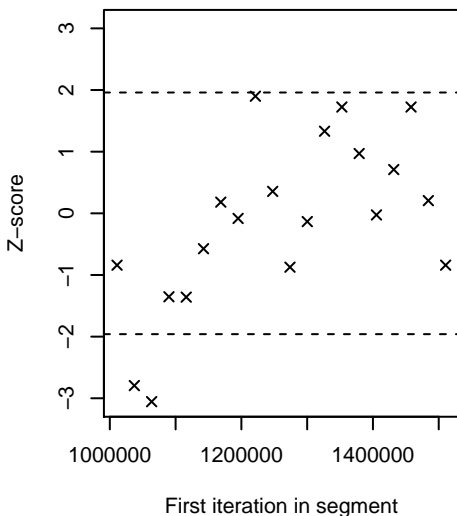
p[33,2] (chain1)



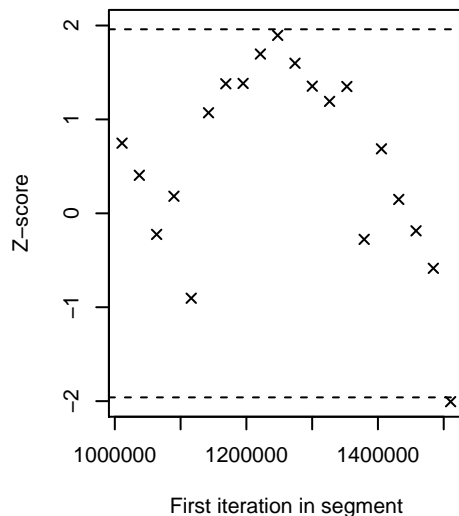
p[34,2] (chain1)



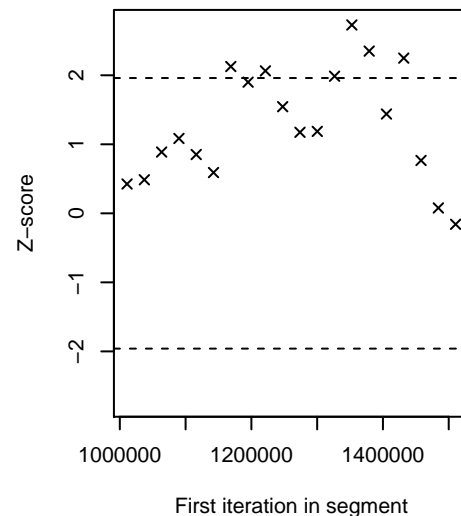
p[35,2] (chain1)



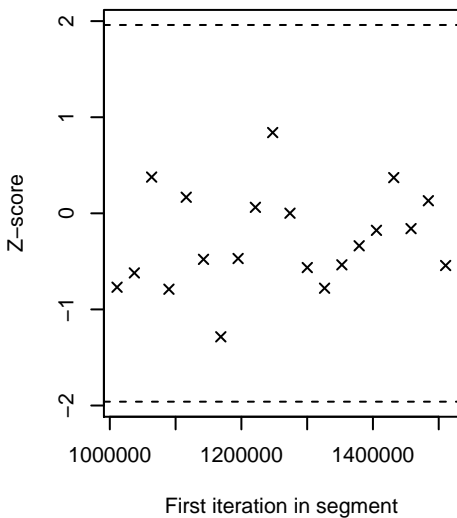
p[36,2] (chain1)



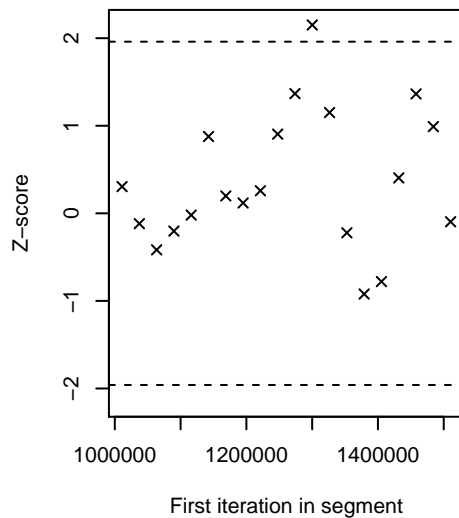
p[37,2] (chain1)



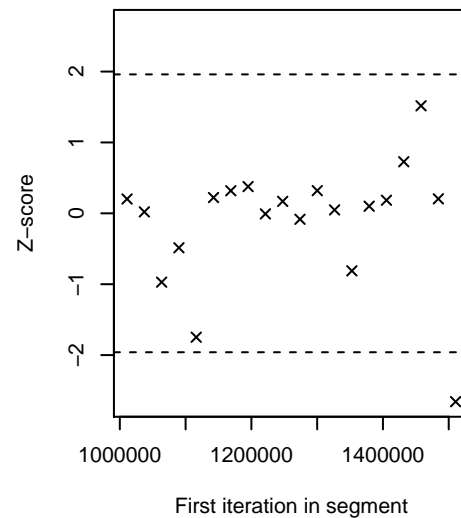
p[38,2] (chain1)



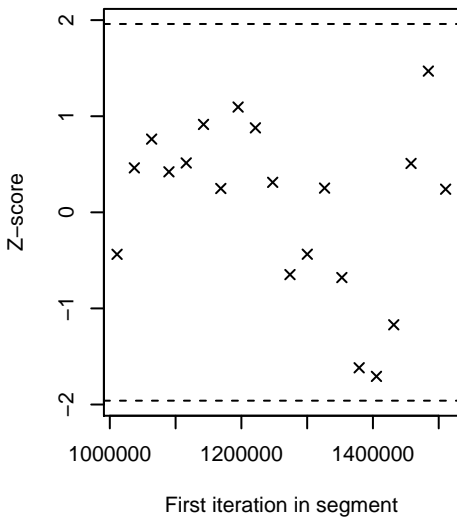
p[39,2] (chain1)



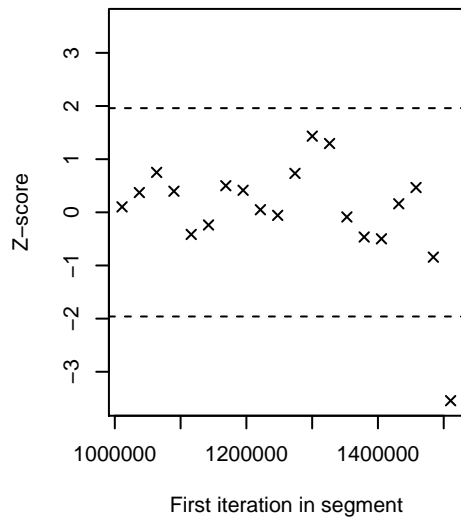
p[1,3] (chain1)



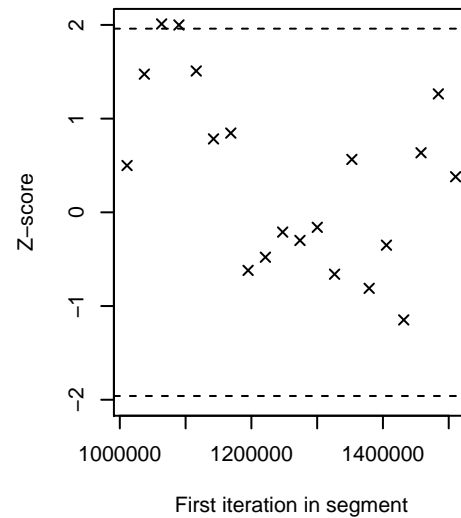
p[2,3] (chain1)



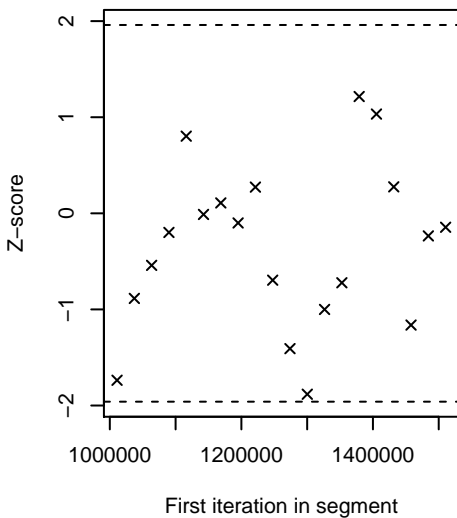
p[3,3] (chain1)



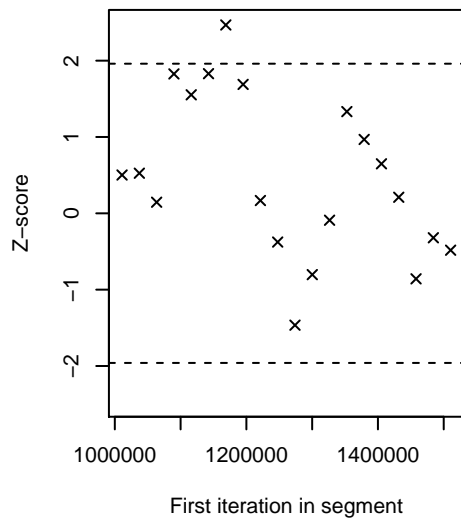
p[4,3] (chain1)



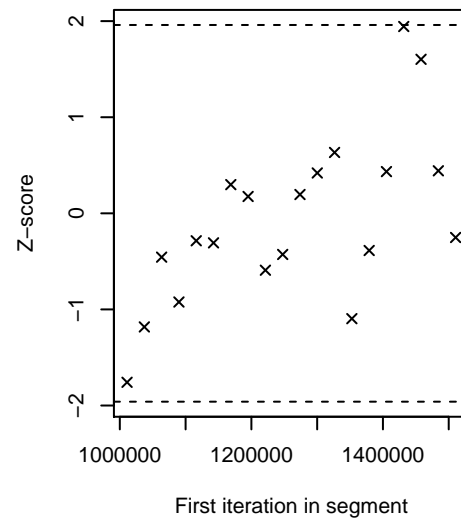
p[5,3] (chain1)



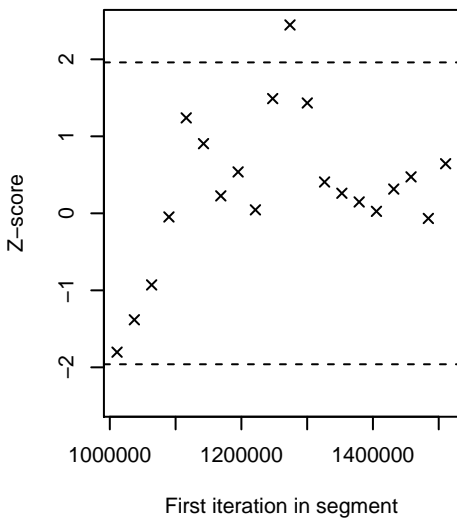
p[6,3] (chain1)



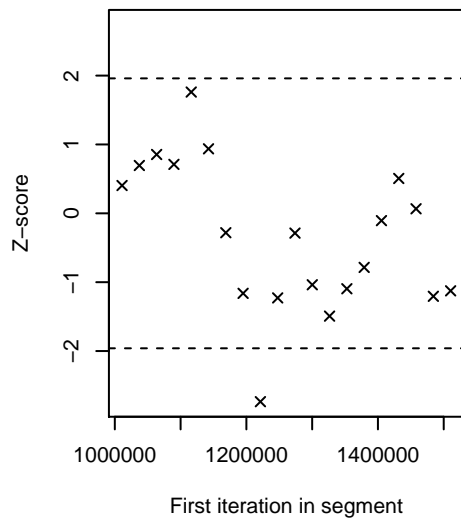
p[7,3] (chain1)



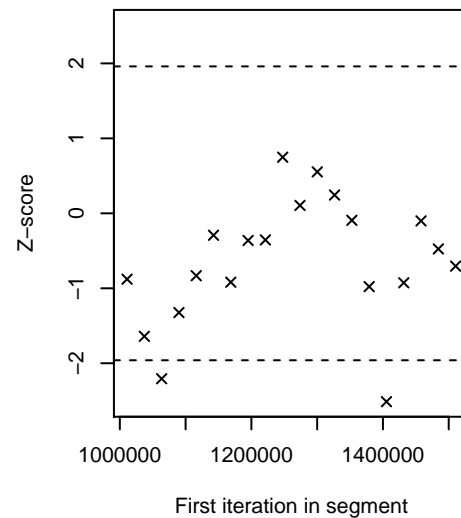
p[8,3] (chain1)



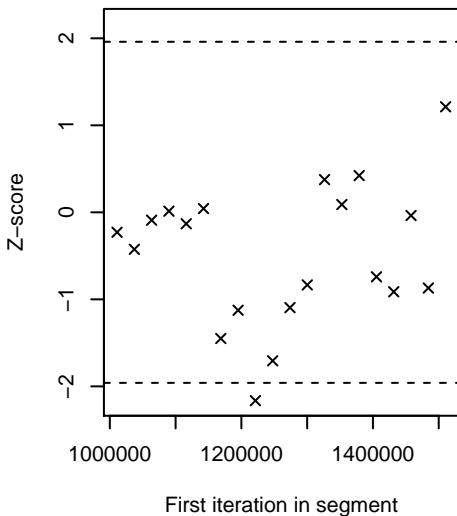
p[9,3] (chain1)



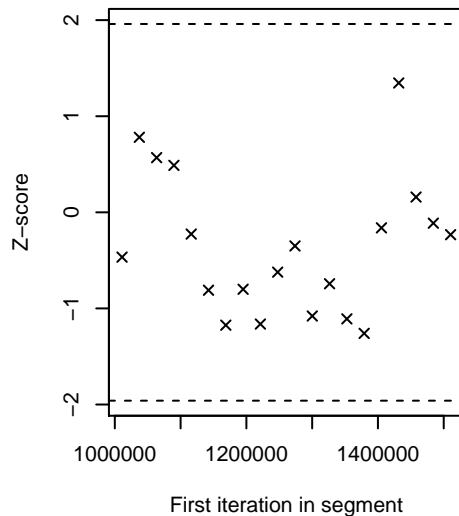
p[10,3] (chain1)



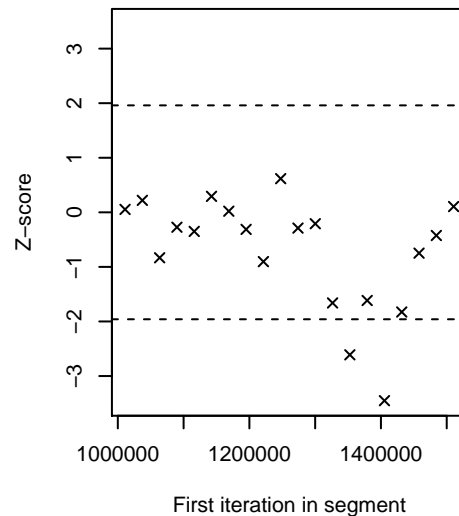
p[11,3] (chain1)



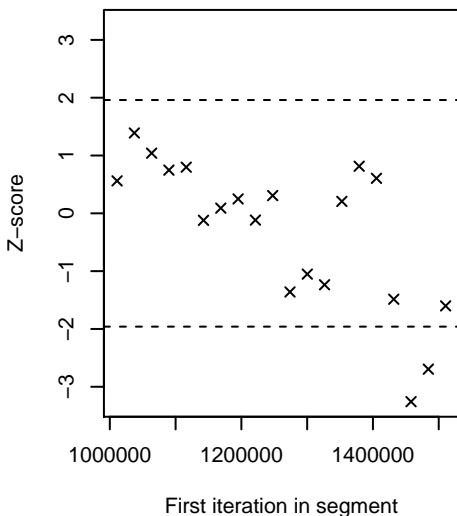
p[12,3] (chain1)



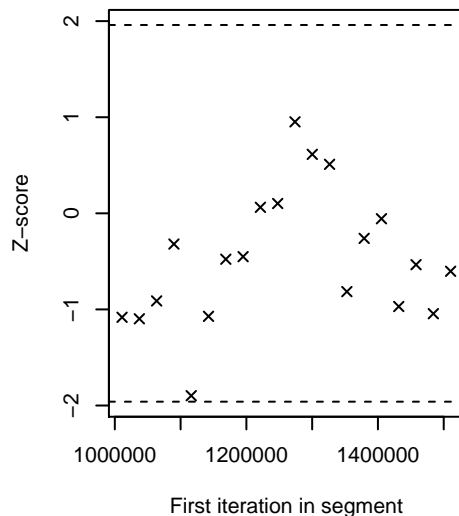
p[13,3] (chain1)



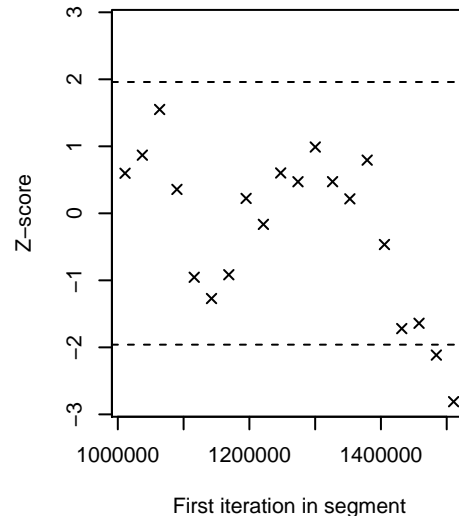
p[14,3] (chain1)



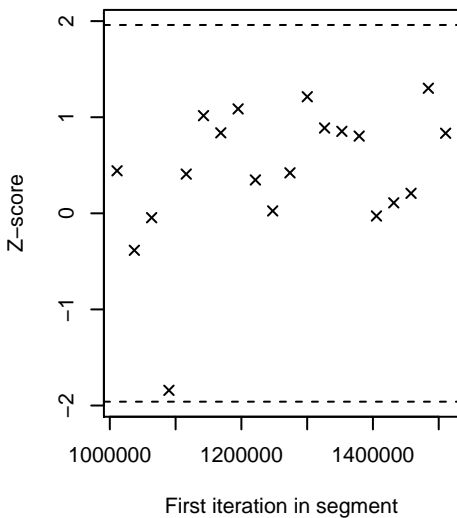
p[15,3] (chain1)



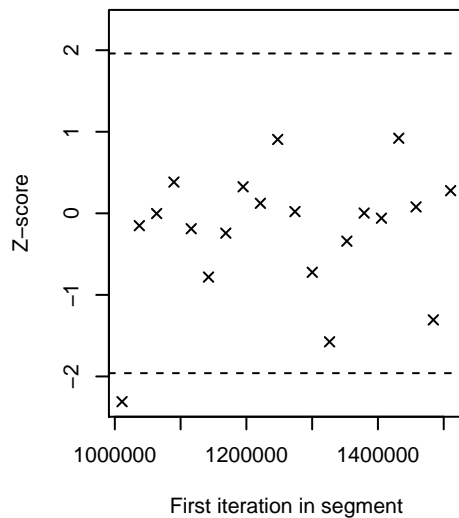
p[16,3] (chain1)



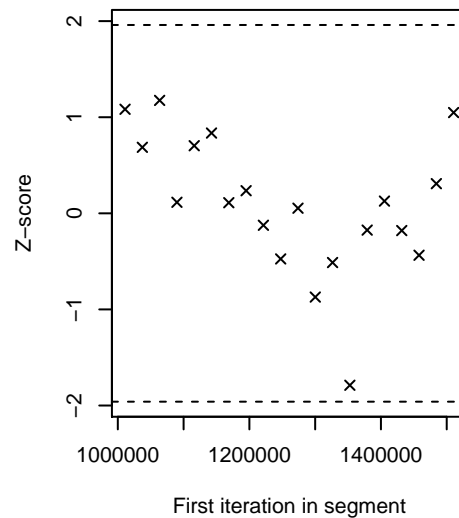
p[17,3] (chain1)



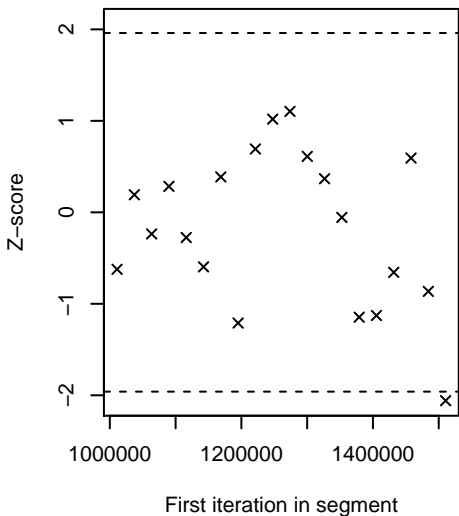
p[18,3] (chain1)



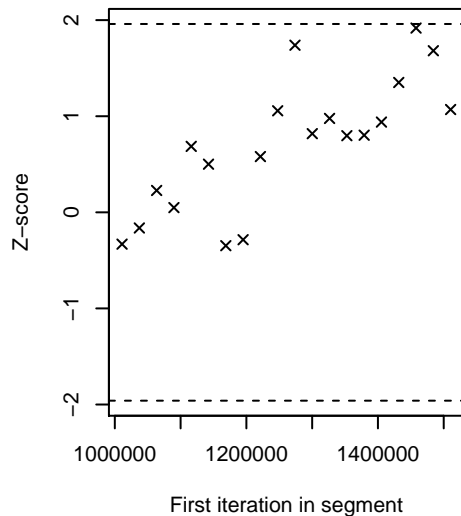
p[19,3] (chain1)



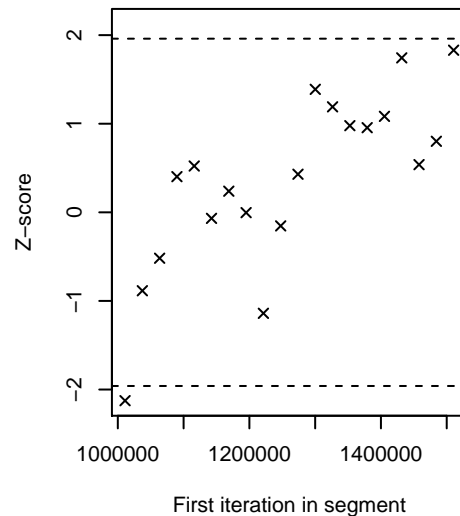
p[20,3] (chain1)



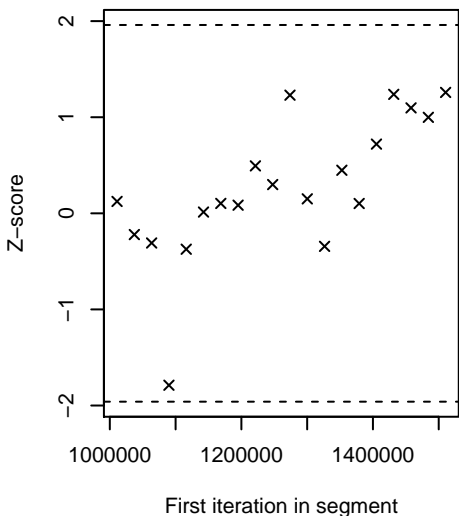
p[21,3] (chain1)



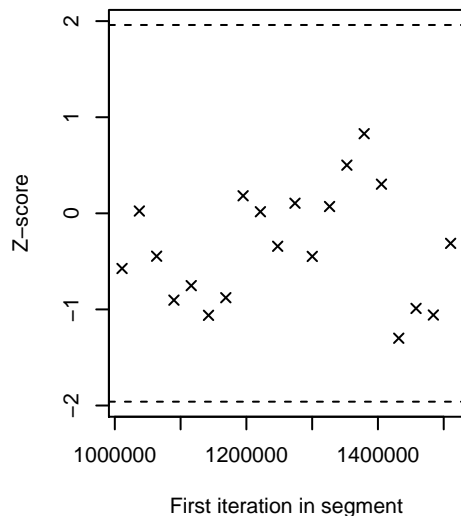
p[22,3] (chain1)



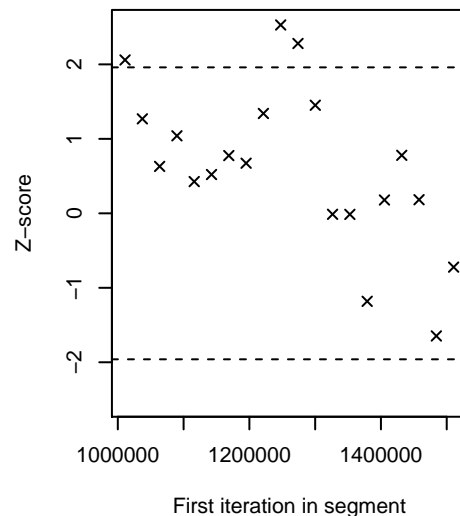
p[23,3] (chain1)



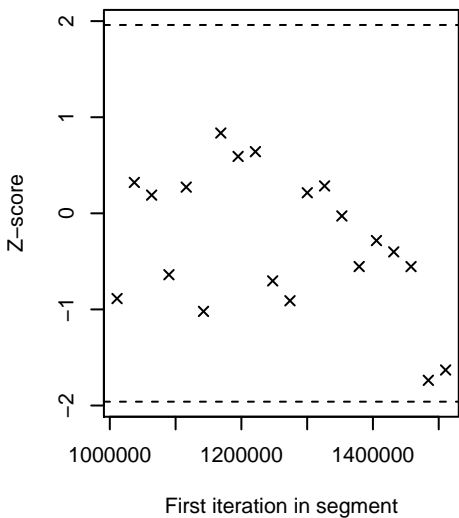
p[24,3] (chain1)



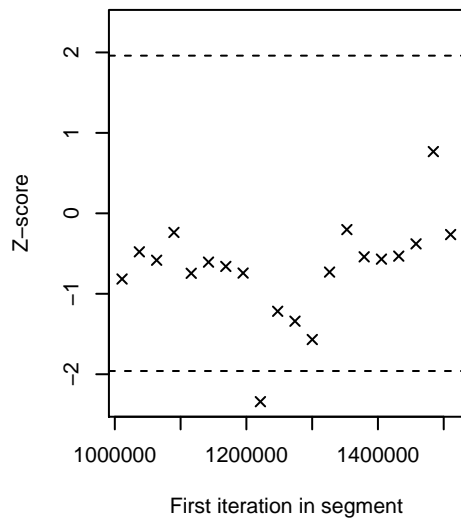
p[25,3] (chain1)



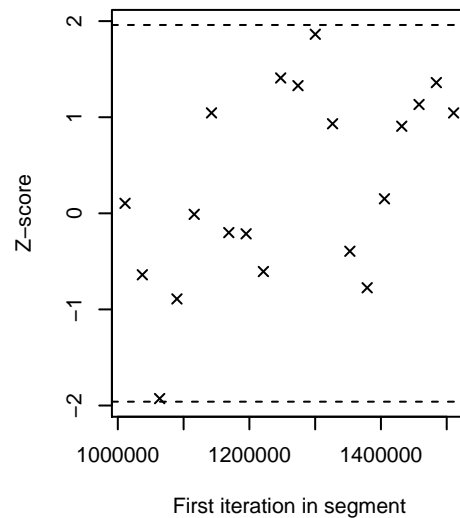
p[26,3] (chain1)



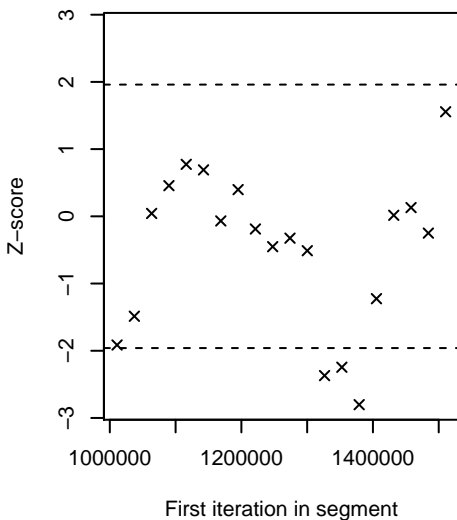
p[27,3] (chain1)



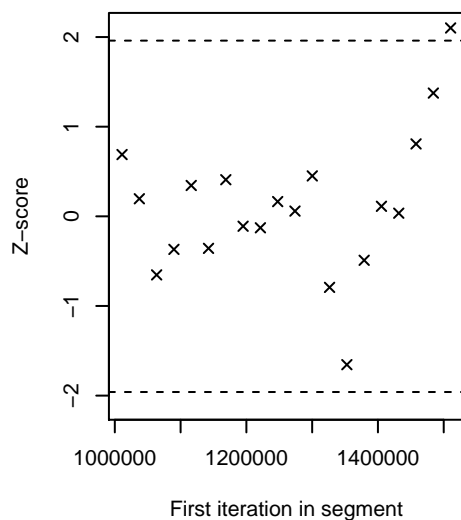
p[28,3] (chain1)



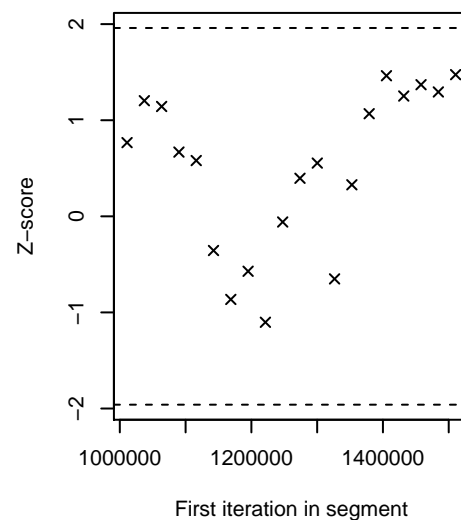
p[29,3] (chain1)



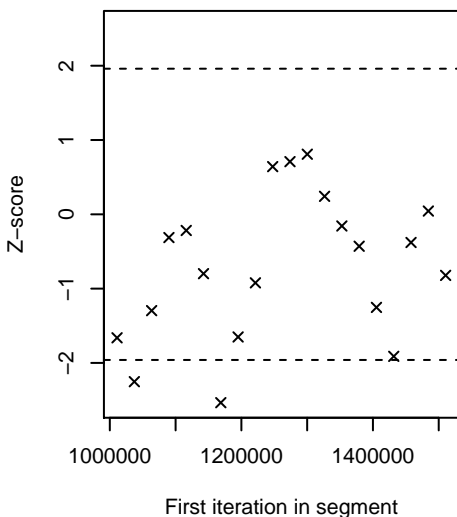
p[30,3] (chain1)



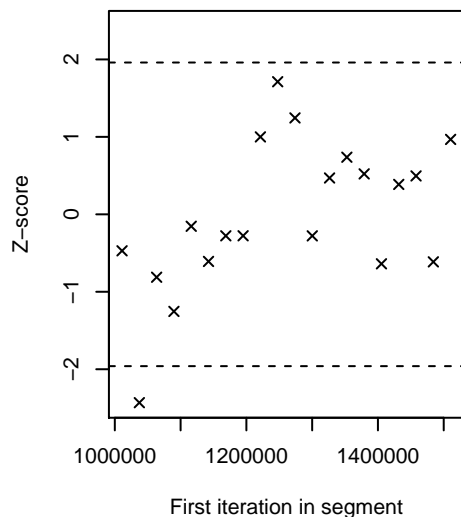
p[31,3] (chain1)



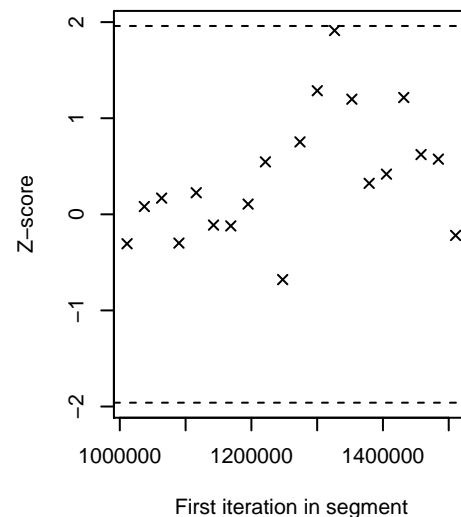
p[32,3] (chain1)



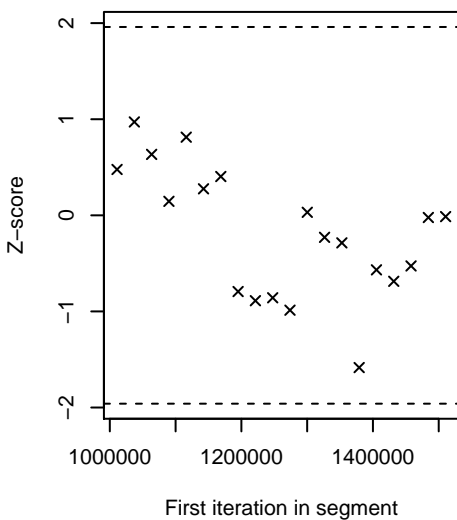
p[33,3] (chain1)



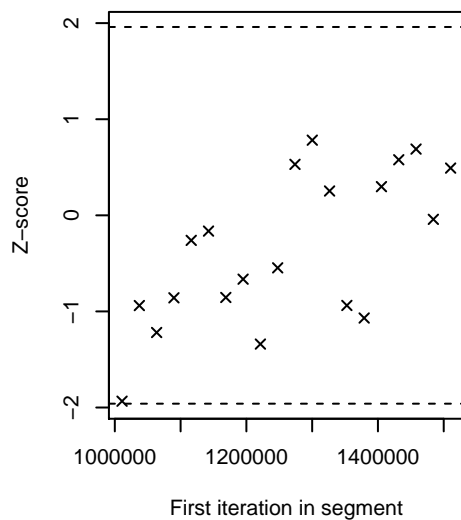
p[34,3] (chain1)



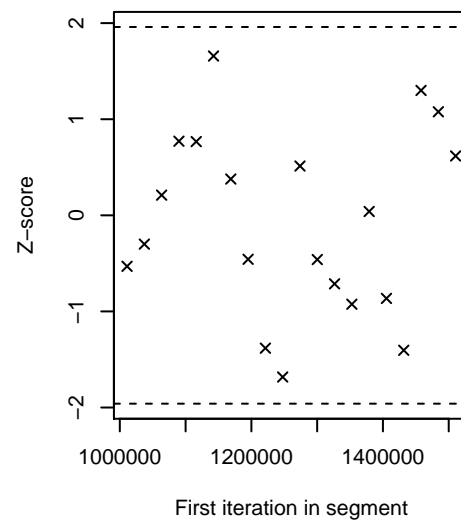
p[35,3] (chain1)



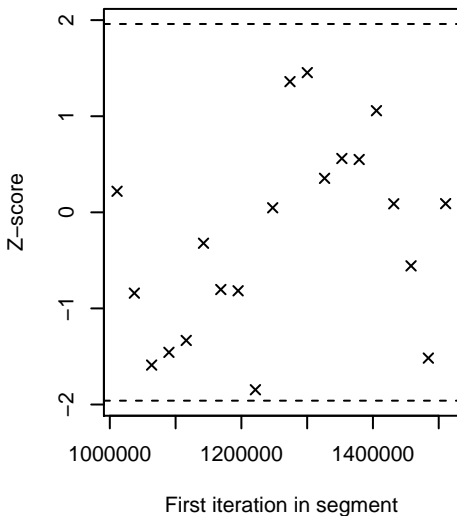
p[36,3] (chain1)



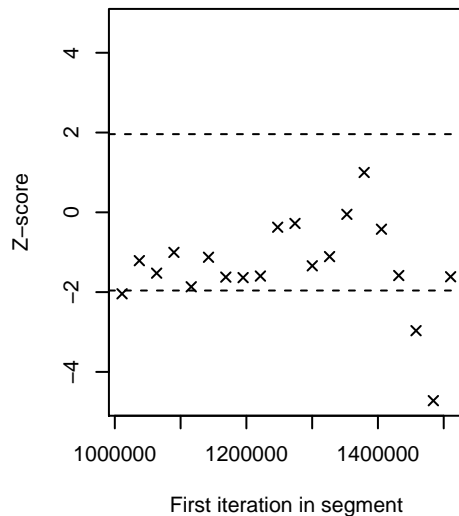
p[37,3] (chain1)



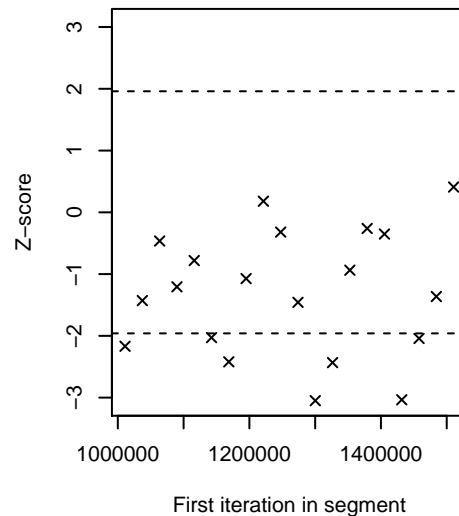
p[38,3] (chain1)



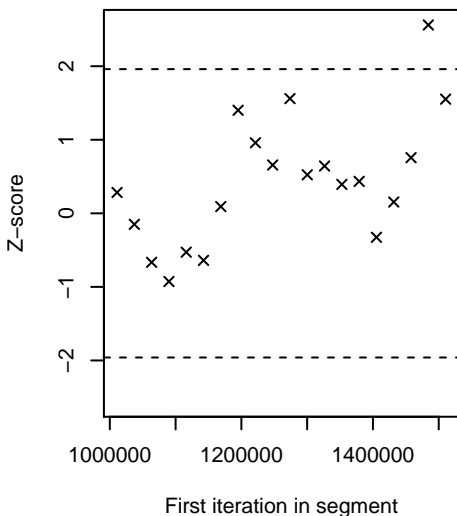
p[39,3] (chain1)



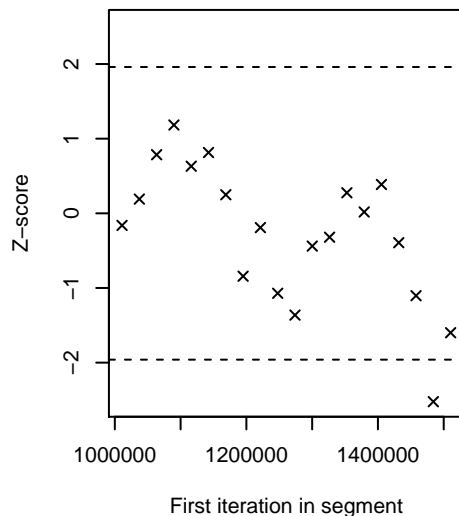
phi (chain1)



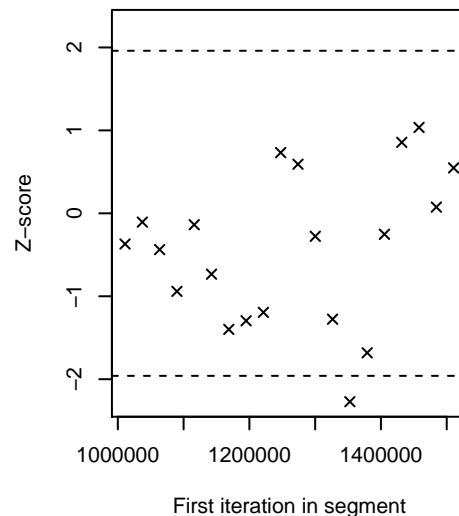
pi[1] (chain1)



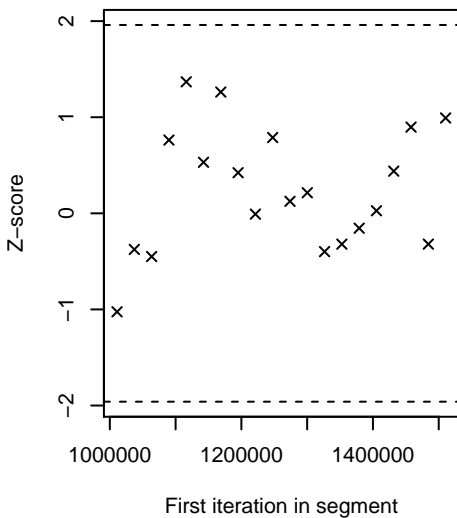
pi[2] (chain1)



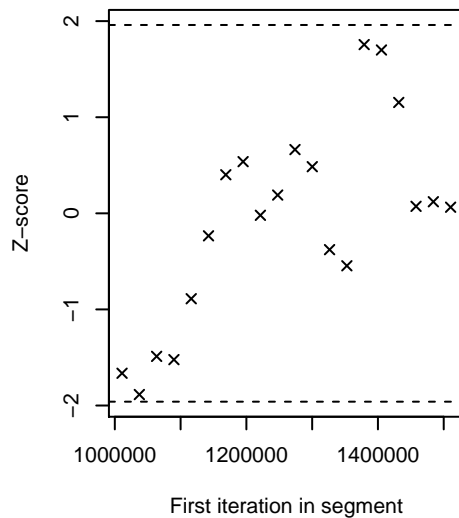
pi[3] (chain1)



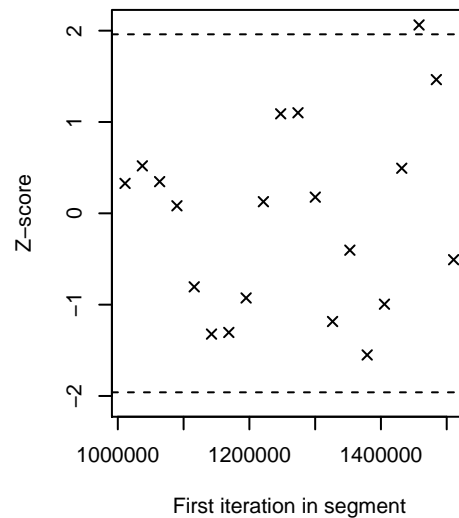
q[1,1] (chain1)



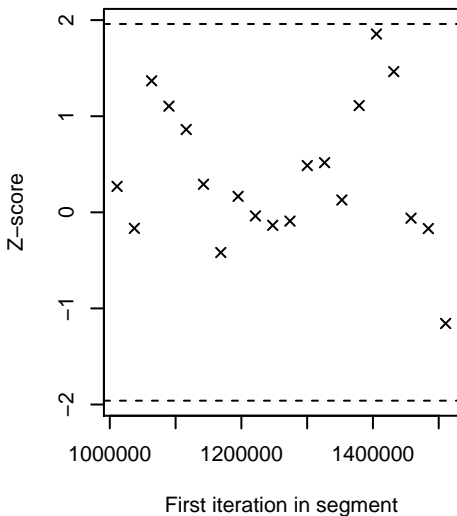
q[2,1] (chain1)



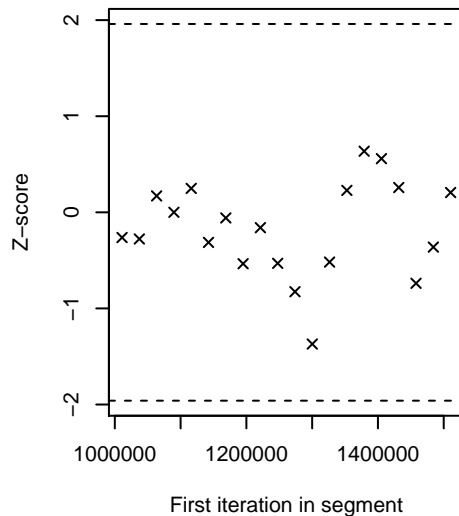
q[3,1] (chain1)



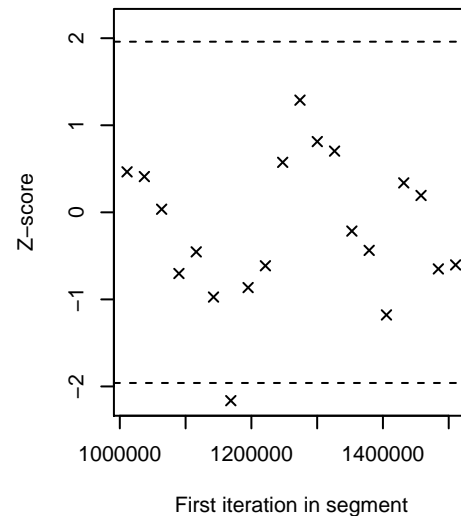
q[4,1] (chain1)



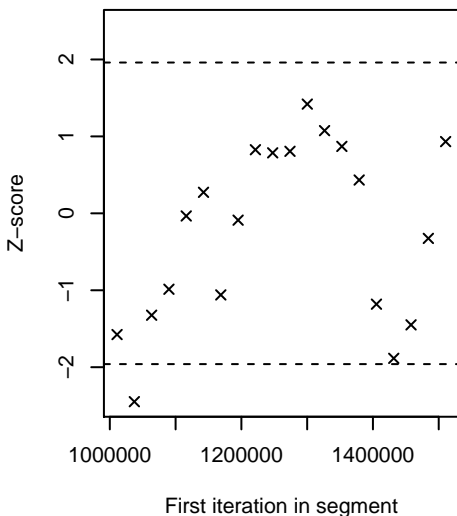
q[5,1] (chain1)



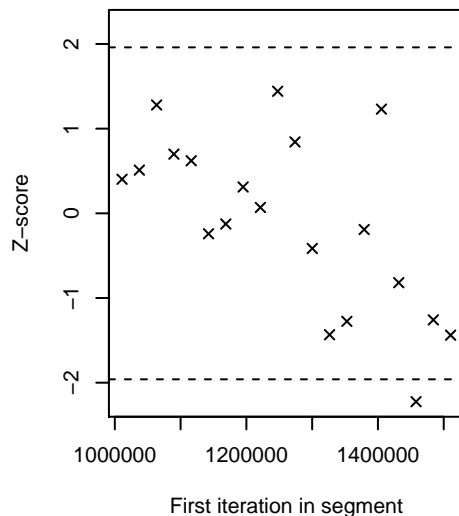
q[6,1] (chain1)



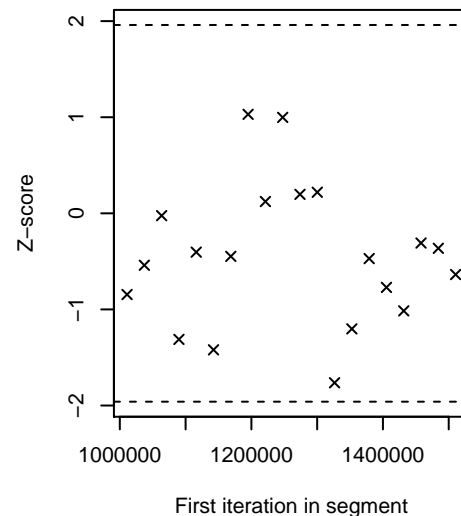
q[7,1] (chain1)



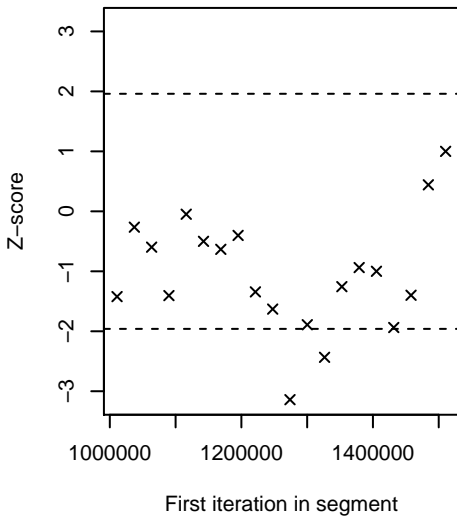
q[8,1] (chain1)



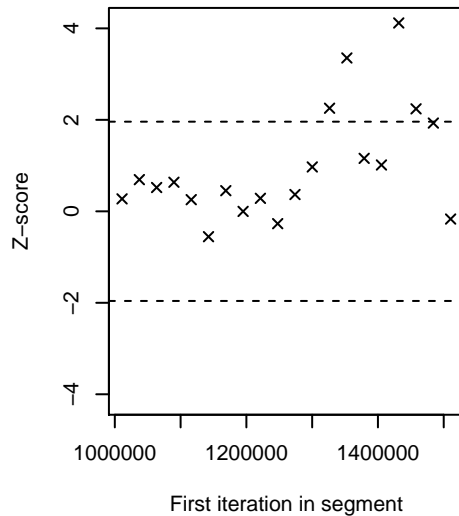
q[9,1] (chain1)



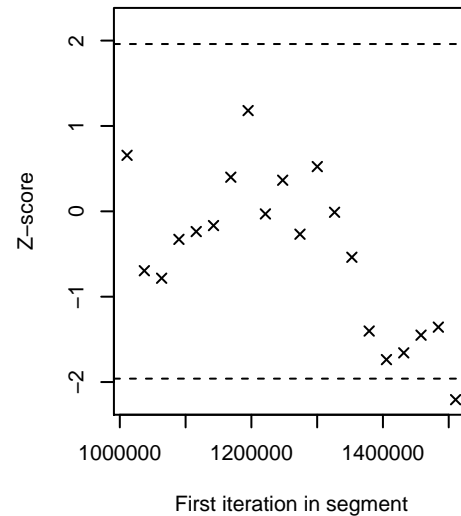
q[10,1] (chain1)



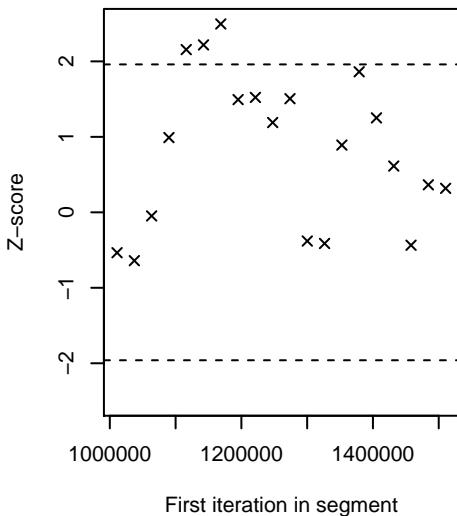
q[11,1] (chain1)



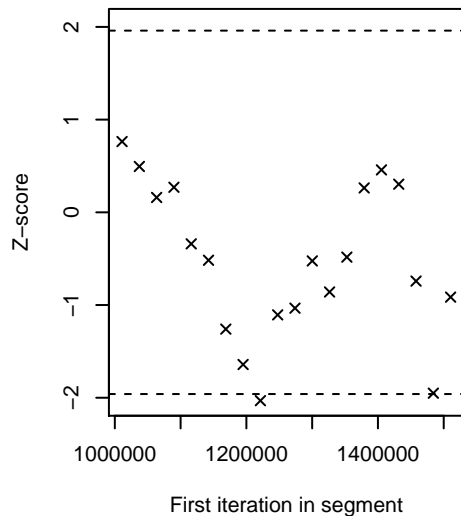
q[12,1] (chain1)



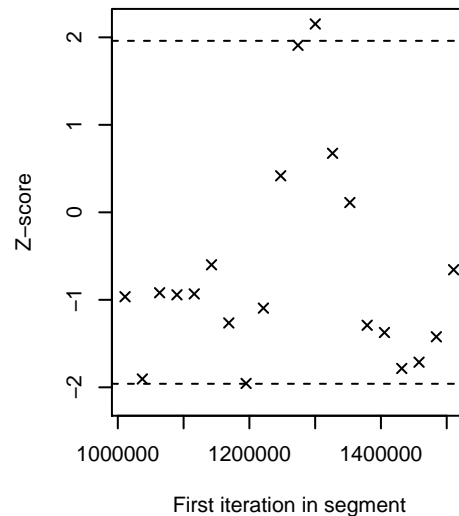
q[13,1] (chain1)



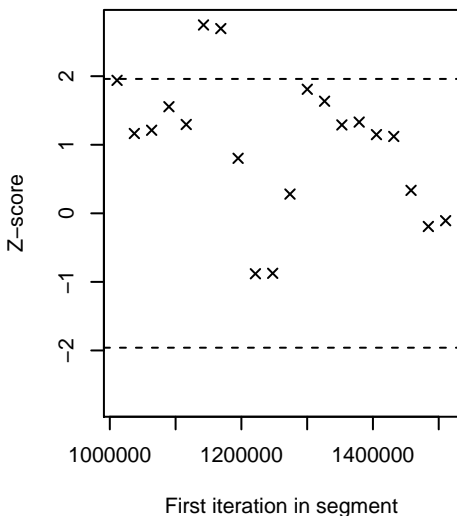
q[14,1] (chain1)



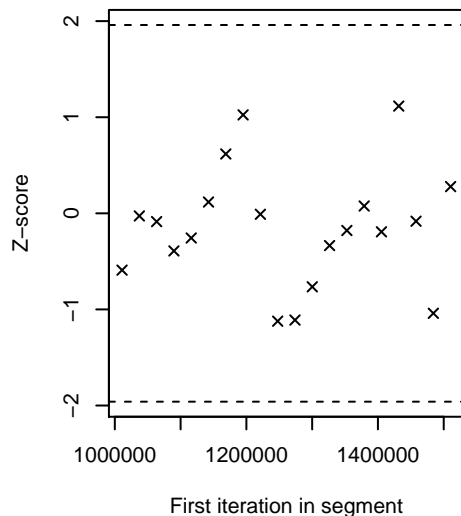
q[15,1] (chain1)



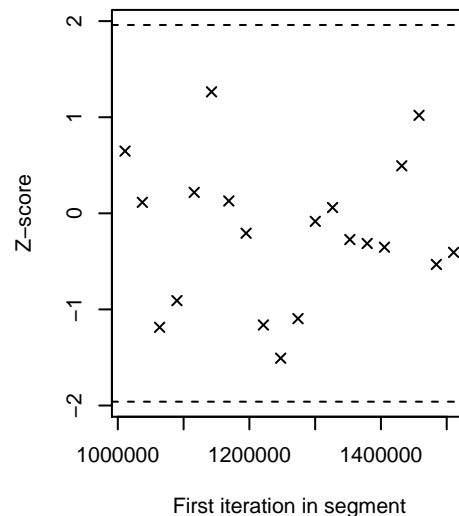
q[16,1] (chain1)



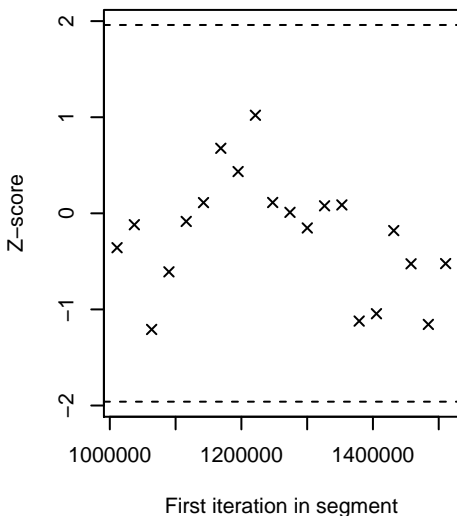
q[17,1] (chain1)



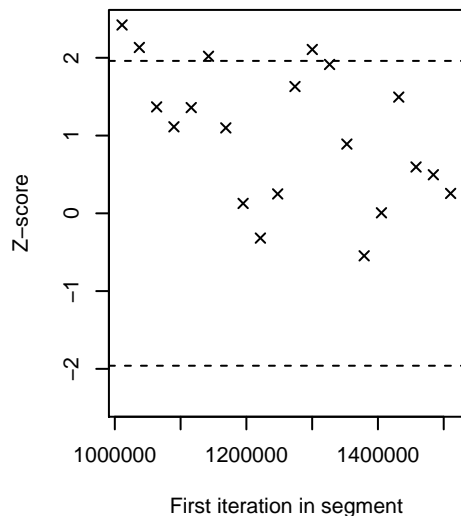
q[18,1] (chain1)



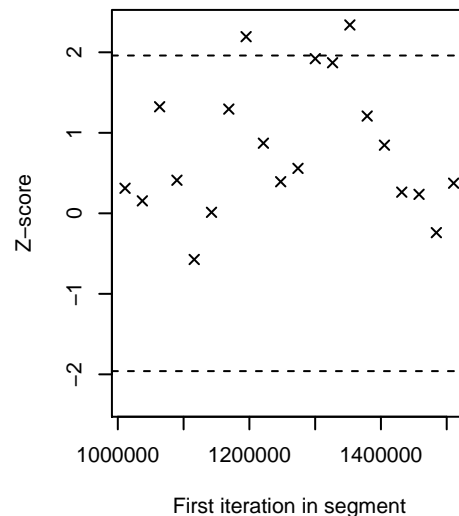
q[19,1] (chain1)



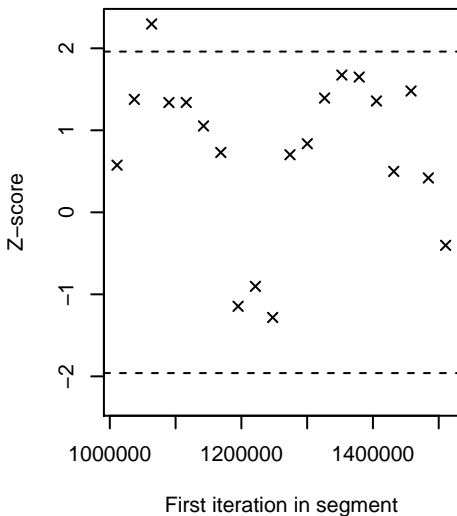
q[20,1] (chain1)



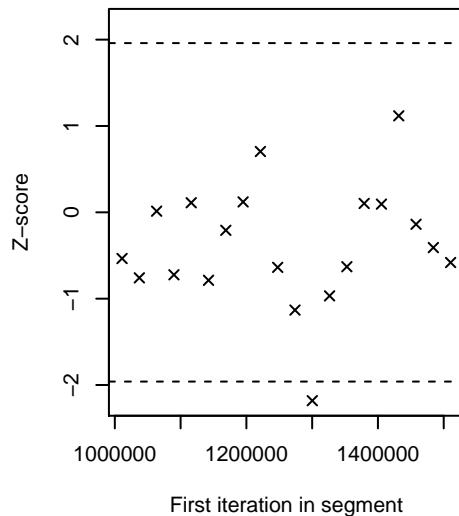
q[21,1] (chain1)



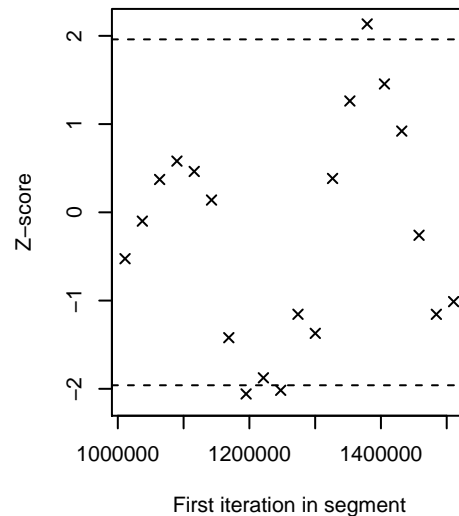
q[22,1] (chain1)



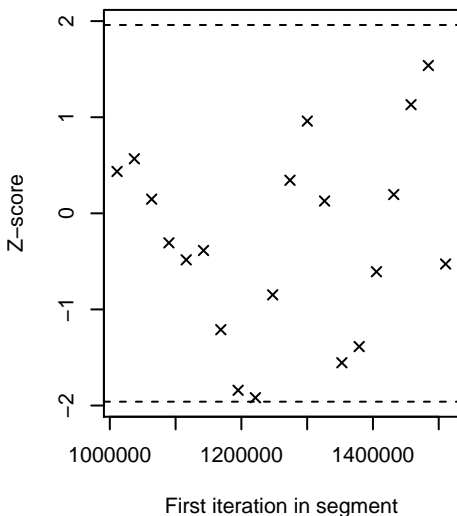
q[23,1] (chain1)



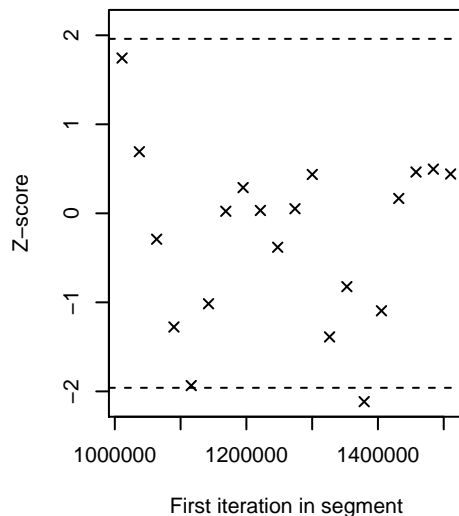
q[24,1] (chain1)



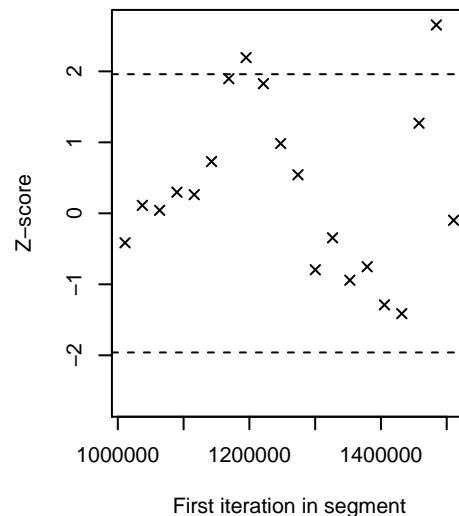
q[25,1] (chain1)



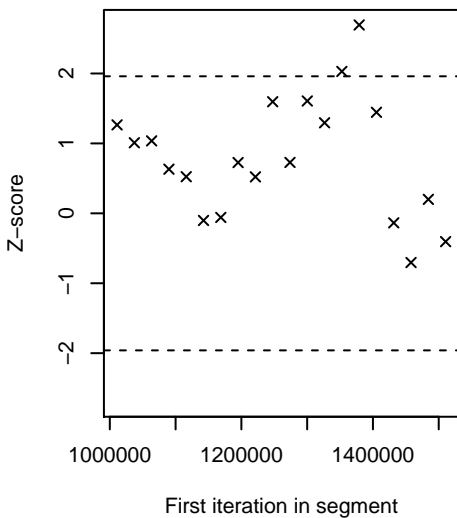
q[26,1] (chain1)



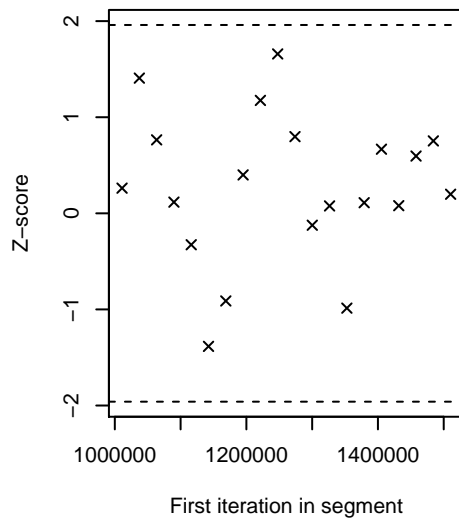
q[27,1] (chain1)



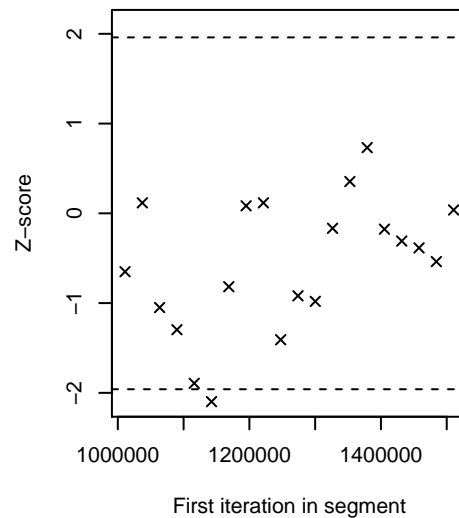
q[28,1] (chain1)



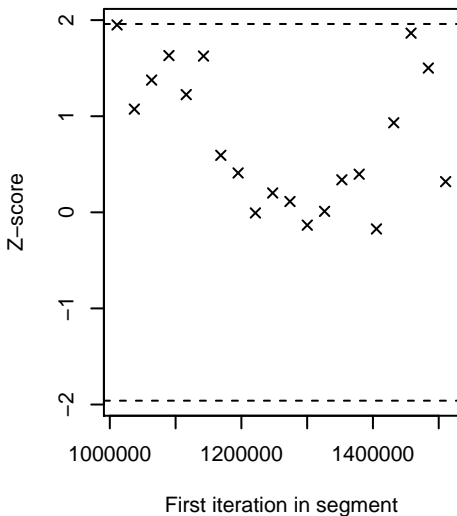
q[29,1] (chain1)



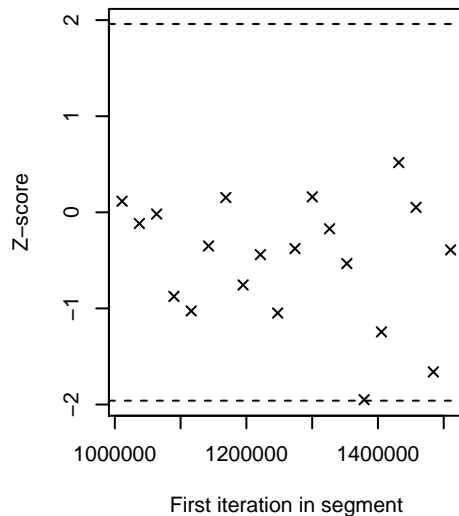
q[30,1] (chain1)



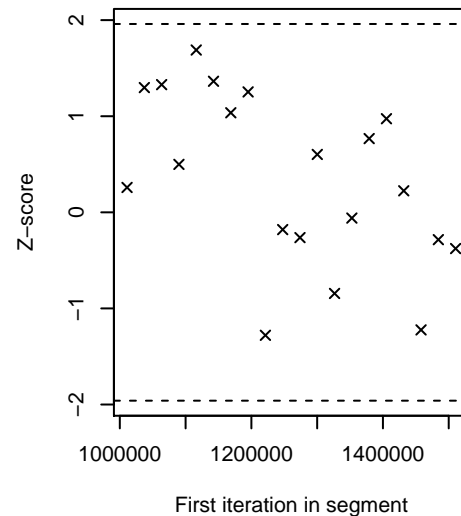
q[31,1] (chain1)



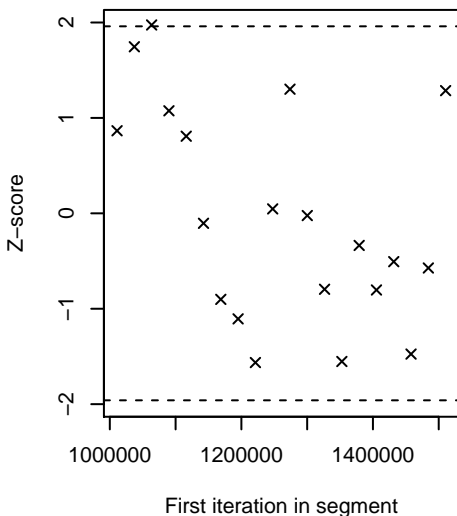
q[32,1] (chain1)



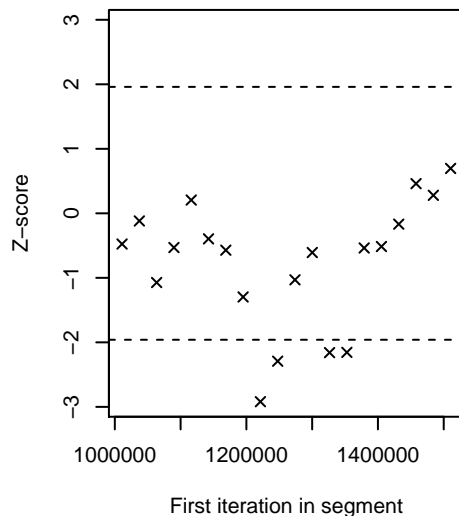
q[33,1] (chain1)



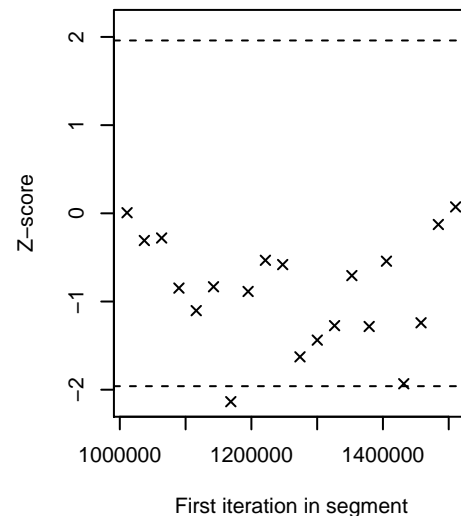
q[34,1] (chain1)



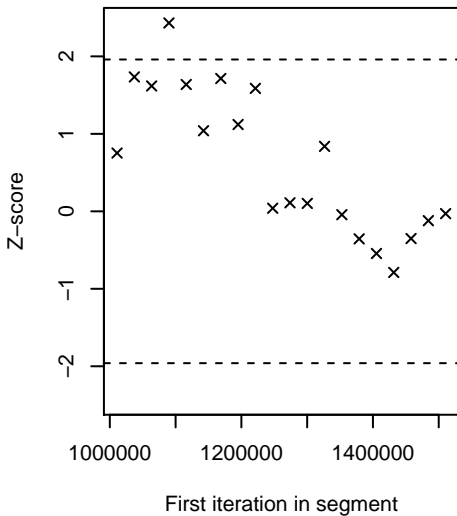
q[35,1] (chain1)



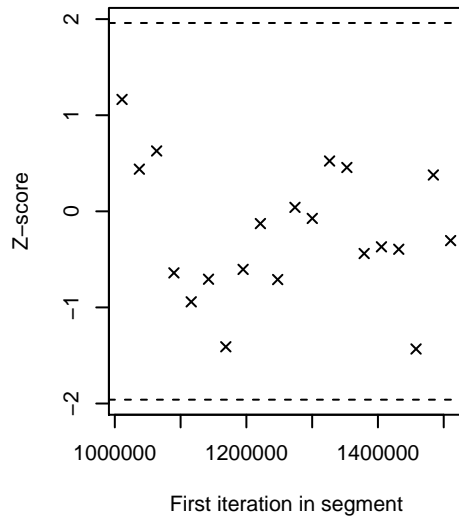
q[36,1] (chain1)



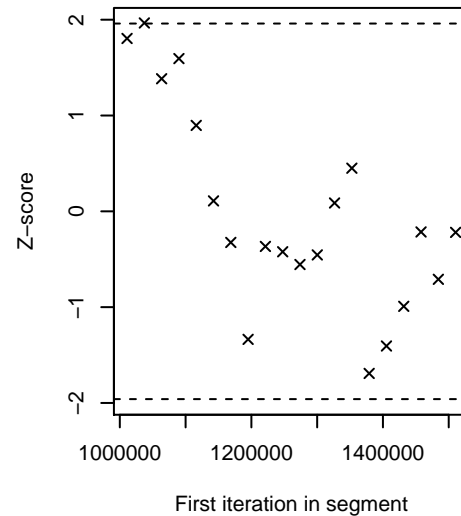
q[37,1] (chain1)



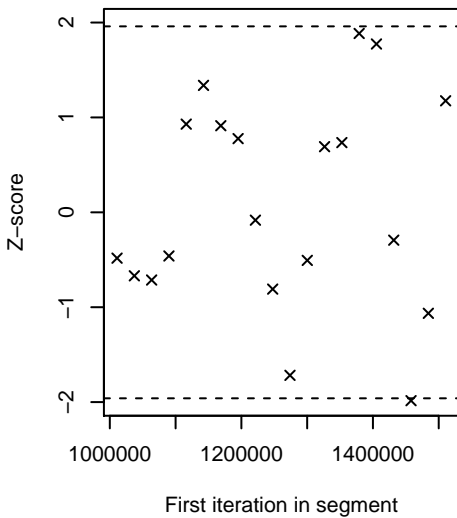
q[1,2] (chain1)



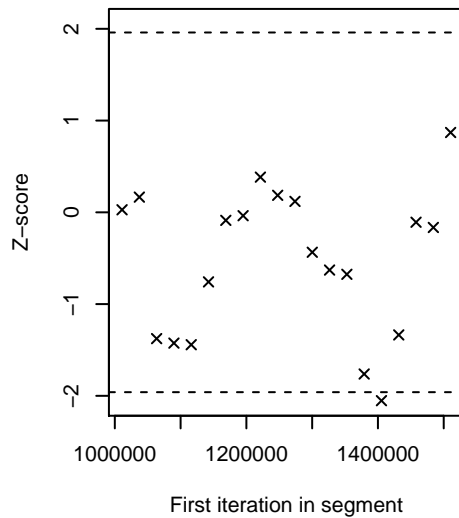
q[2,2] (chain1)



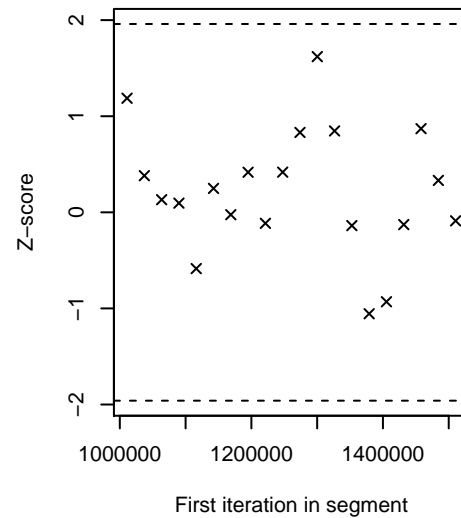
q[3,2] (chain1)



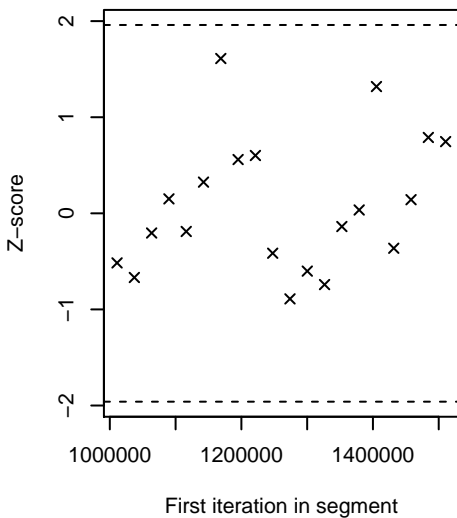
q[4,2] (chain1)



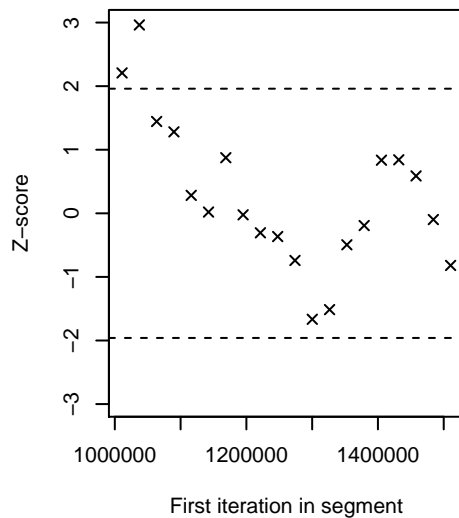
q[5,2] (chain1)



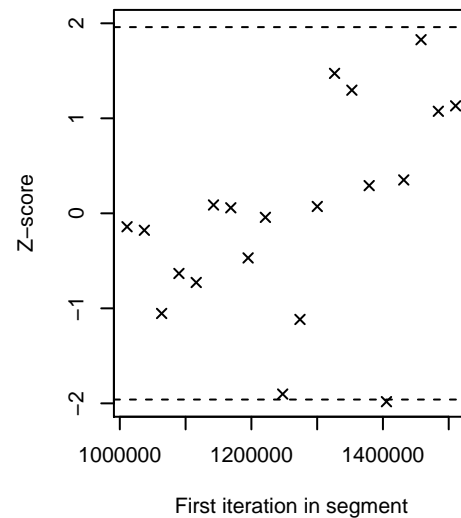
q[6,2] (chain1)



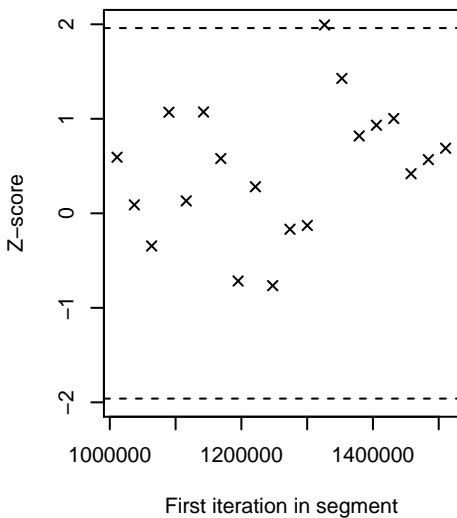
q[7,2] (chain1)



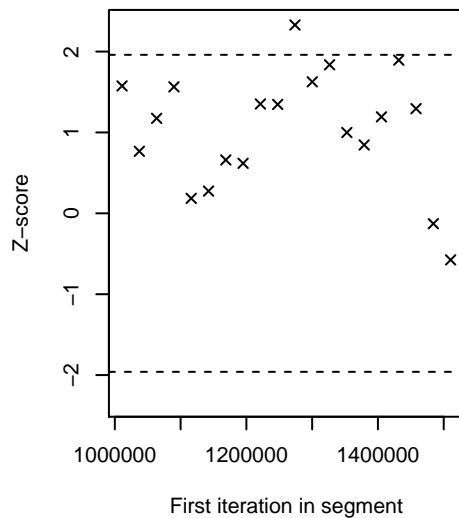
q[8,2] (chain1)



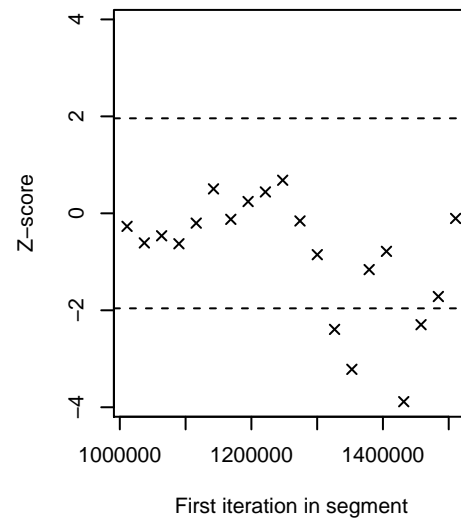
q[9,2] (chain1)



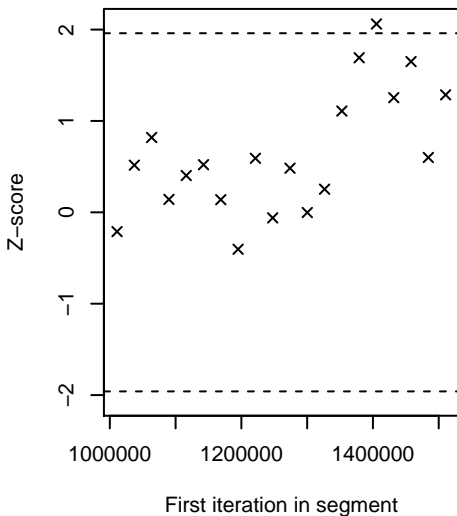
q[10,2] (chain1)



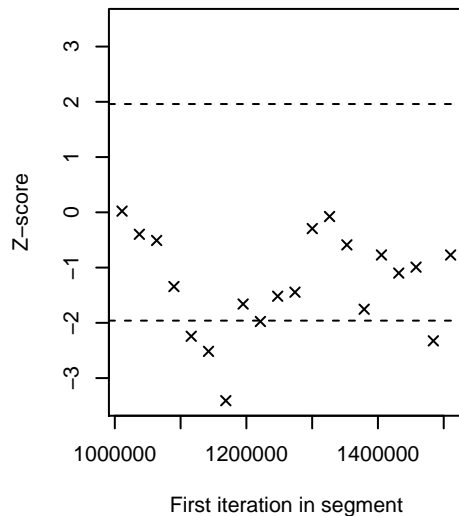
q[11,2] (chain1)



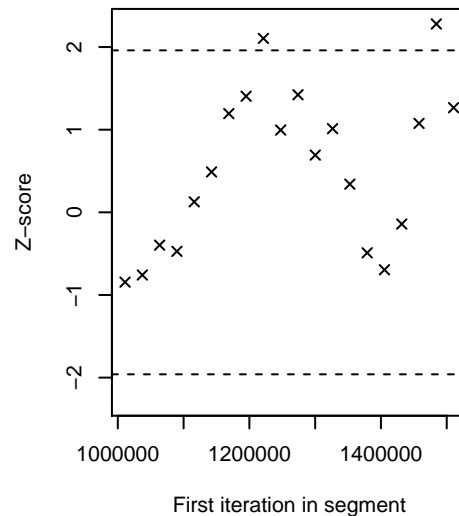
q[12,2] (chain1)



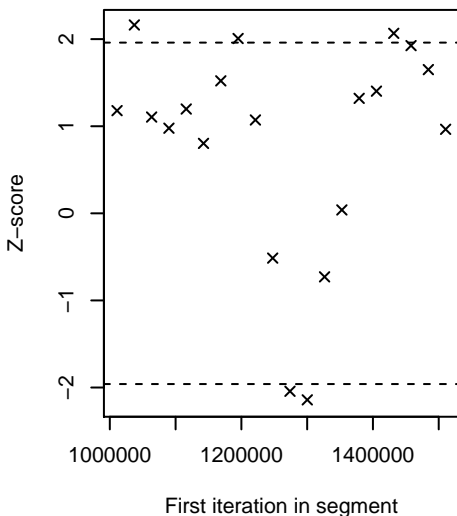
q[13,2] (chain1)



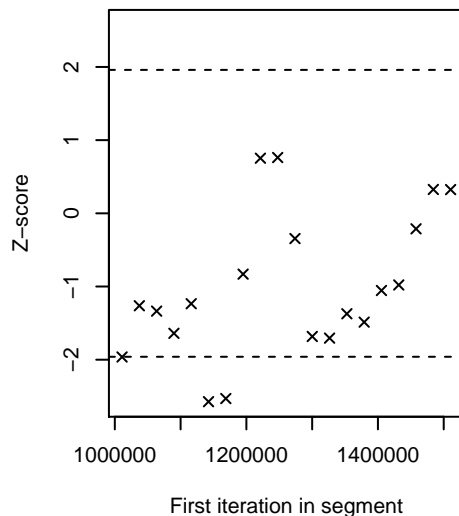
q[14,2] (chain1)



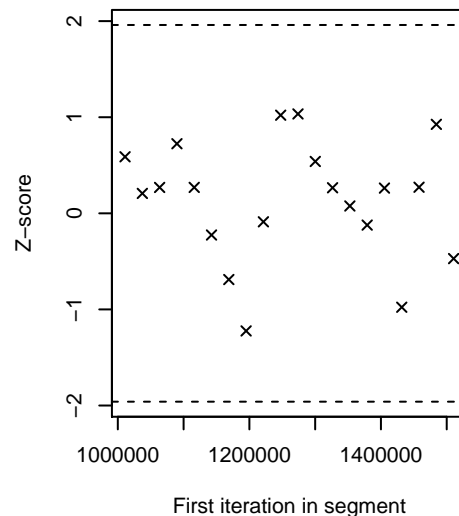
q[15,2] (chain1)



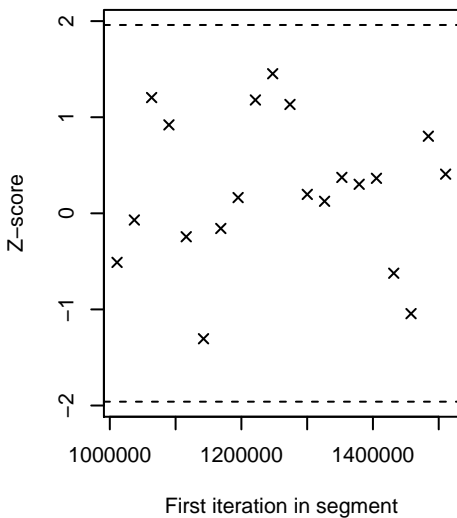
q[16,2] (chain1)



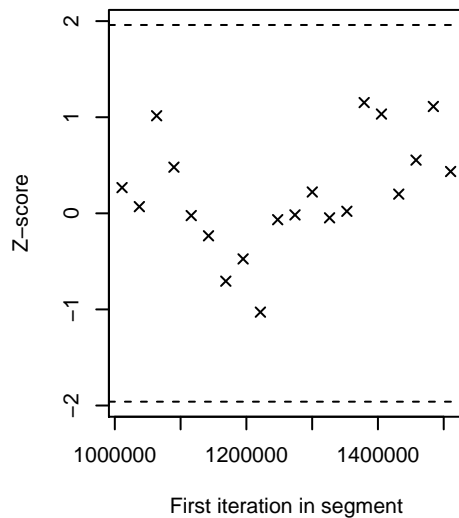
q[17,2] (chain1)



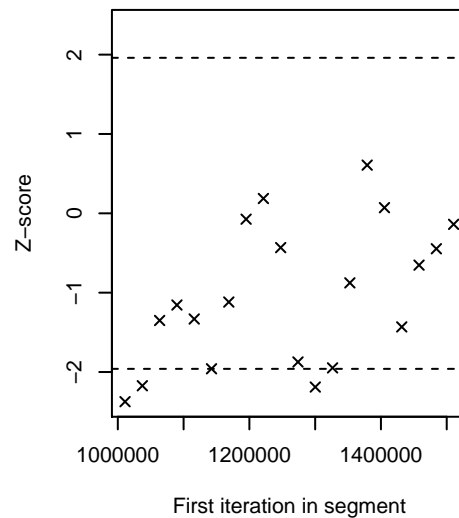
q[18,2] (chain1)



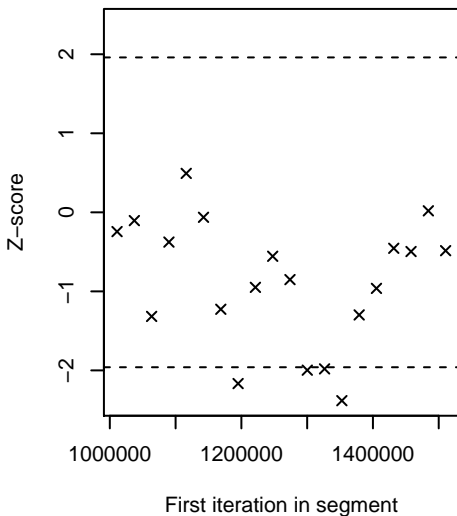
q[19,2] (chain1)



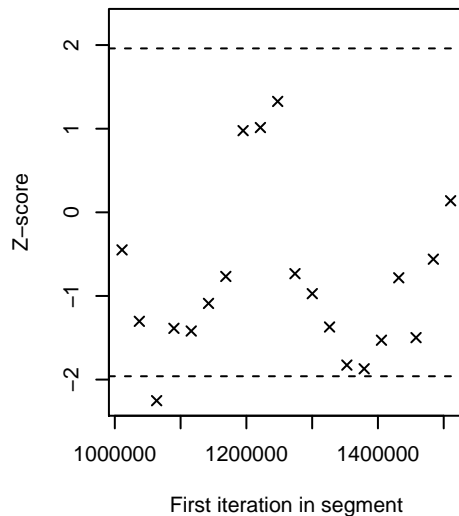
q[20,2] (chain1)



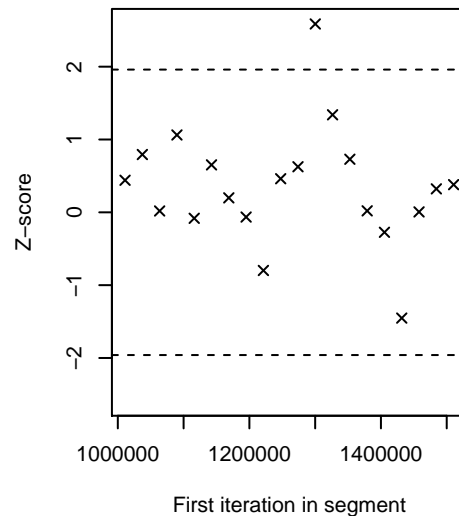
q[21,2] (chain1)



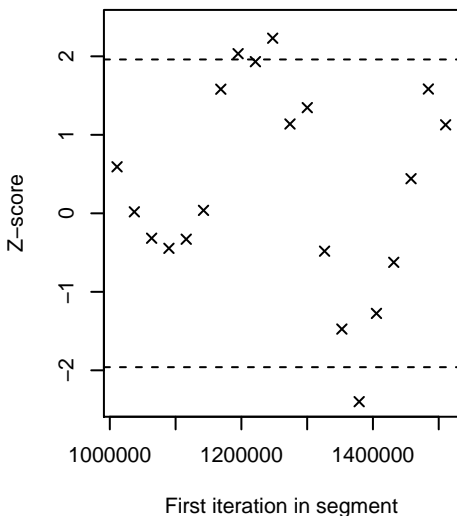
q[22,2] (chain1)



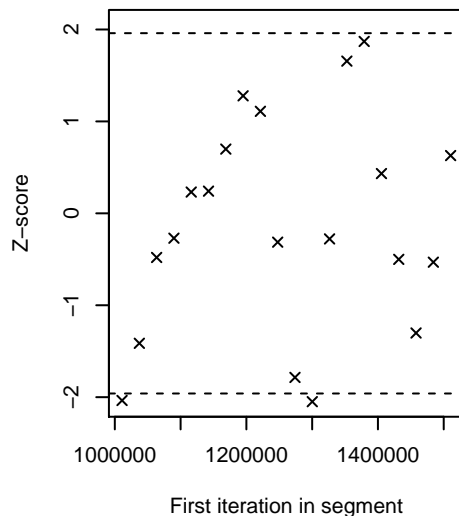
q[23,2] (chain1)



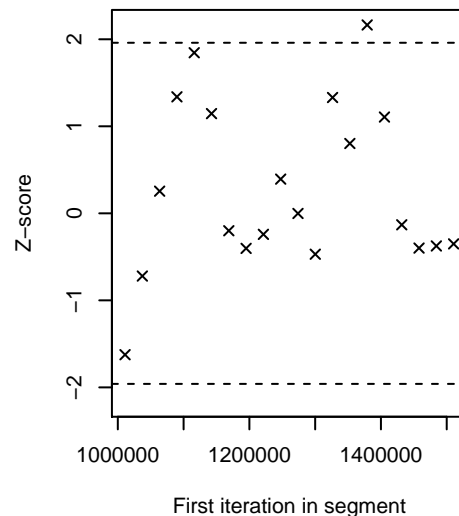
q[24,2] (chain1)



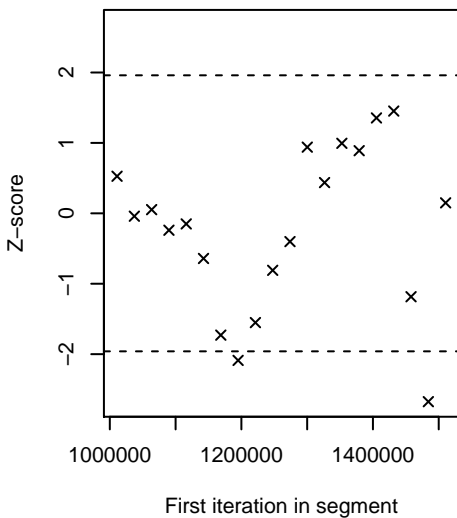
q[25,2] (chain1)



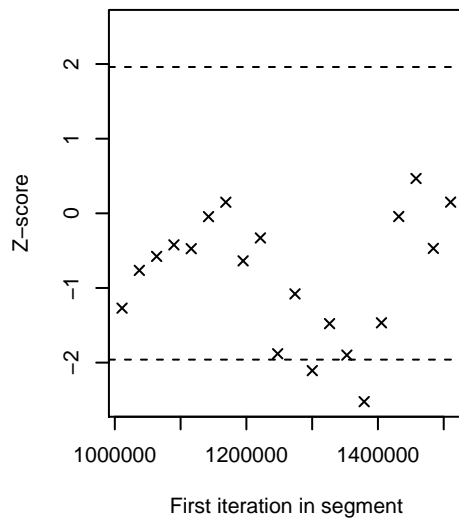
q[26,2] (chain1)



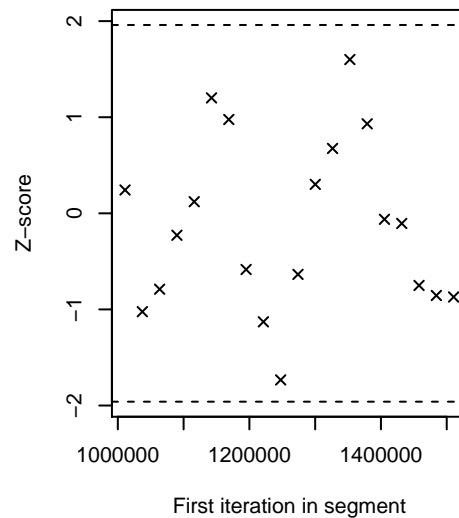
q[27,2] (chain1)



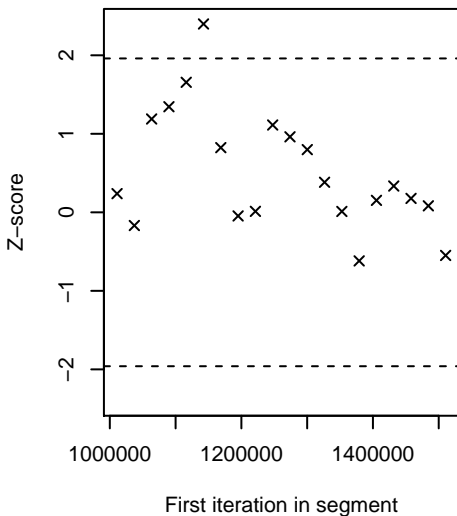
q[28,2] (chain1)



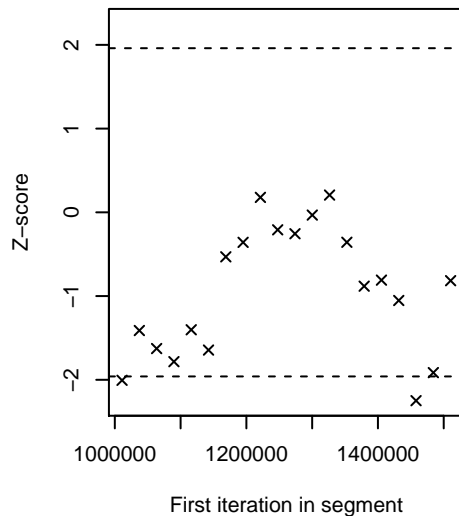
q[29,2] (chain1)



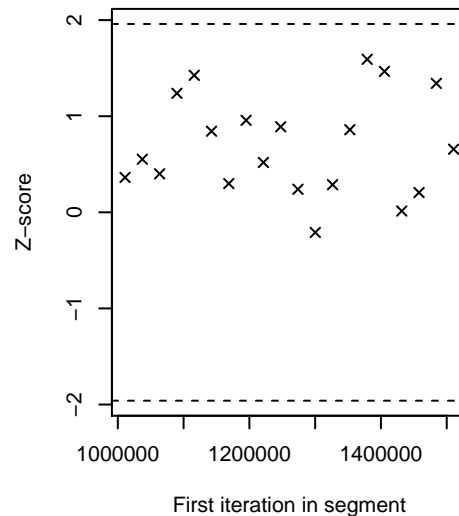
q[30,2] (chain1)



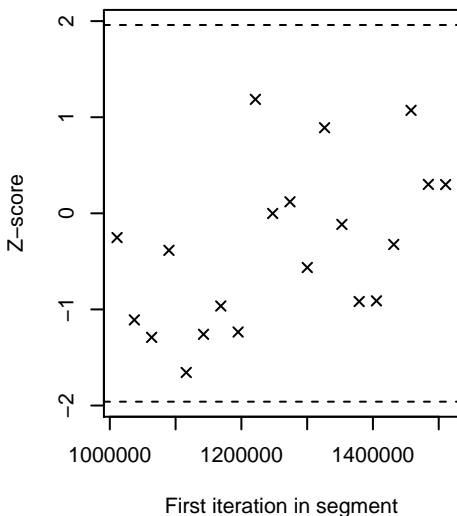
q[31,2] (chain1)



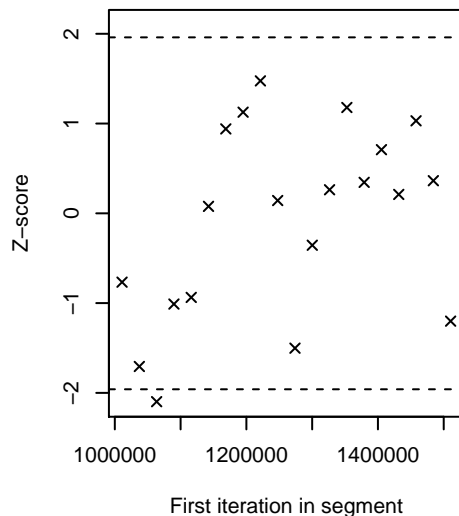
q[32,2] (chain1)



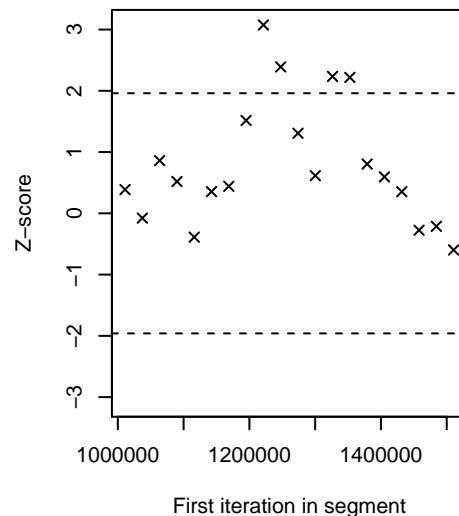
q[33,2] (chain1)



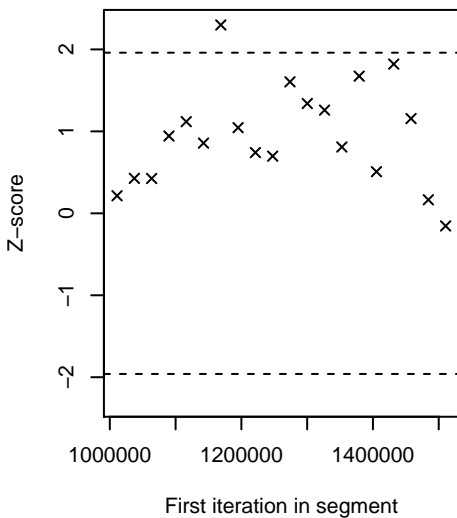
q[34,2] (chain1)



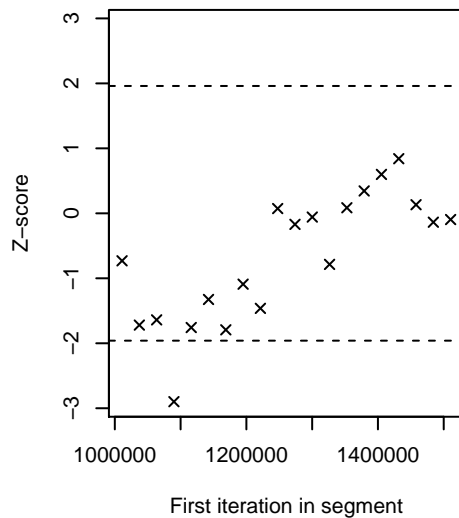
q[35,2] (chain1)



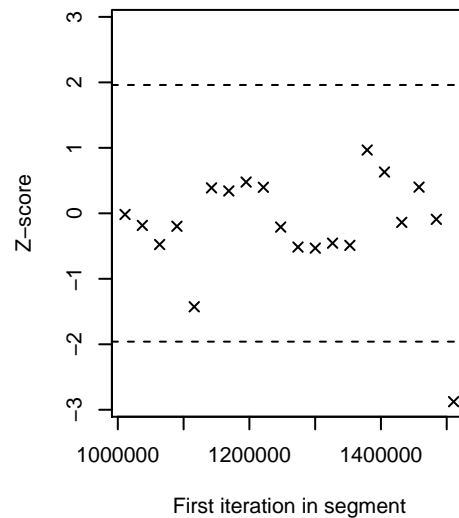
q[36,2] (chain1)



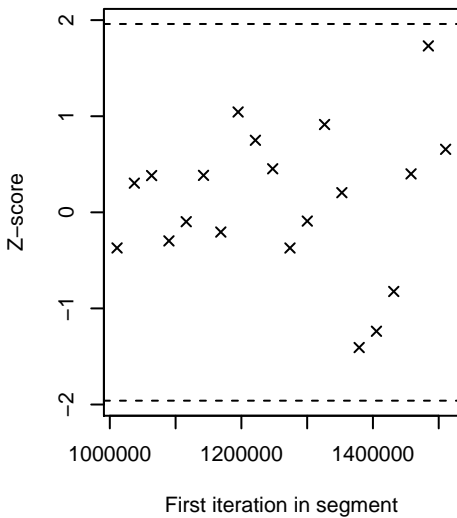
q[37,2] (chain1)



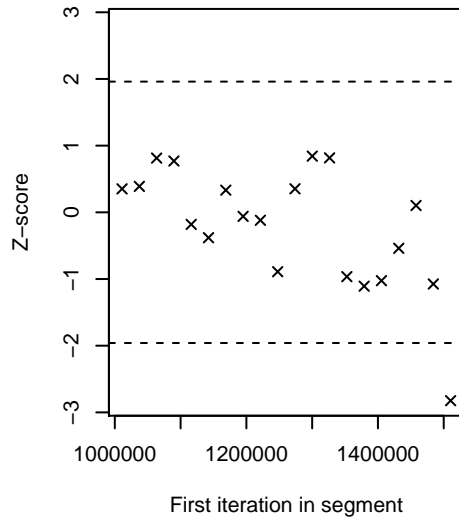
q[1,3] (chain1)



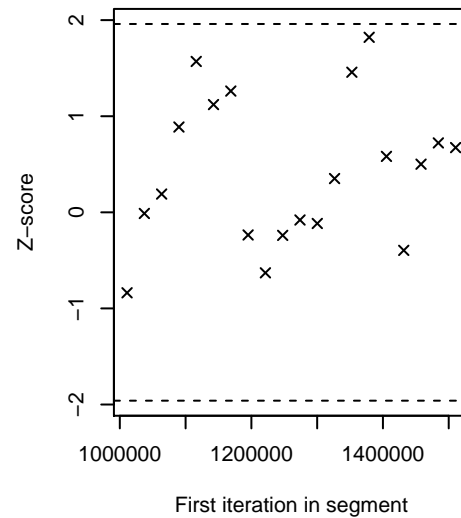
q[2,3] (chain1)



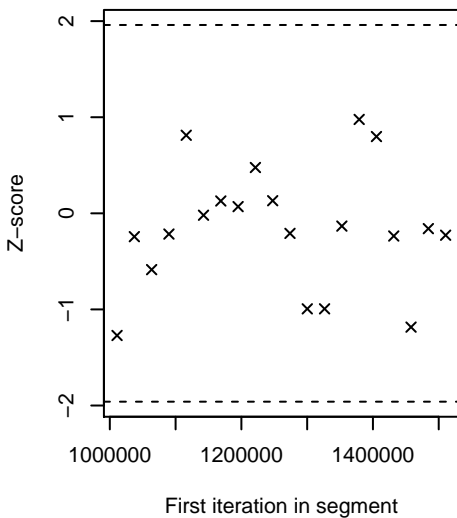
q[3,3] (chain1)



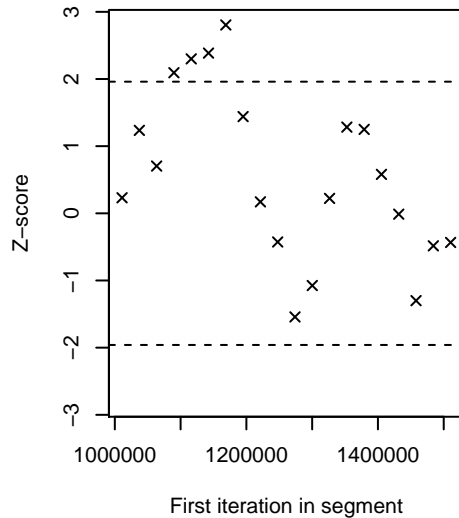
q[4,3] (chain1)



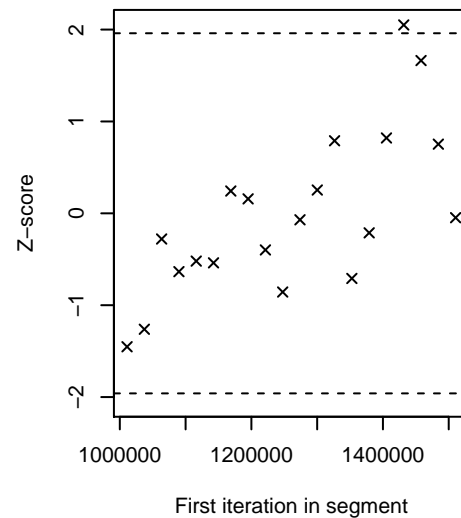
q[5,3] (chain1)



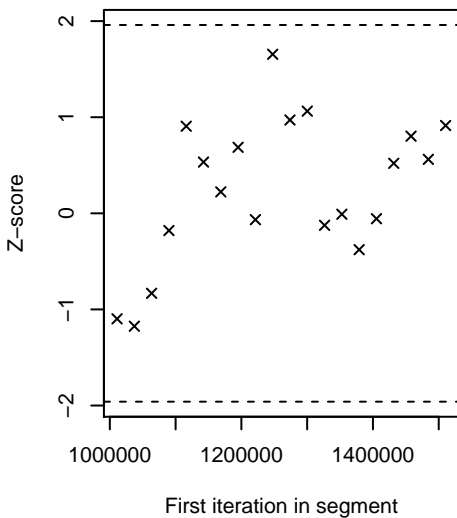
q[6,3] (chain1)



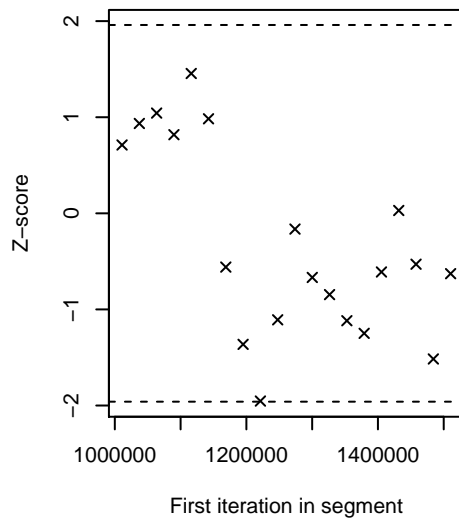
q[7,3] (chain1)



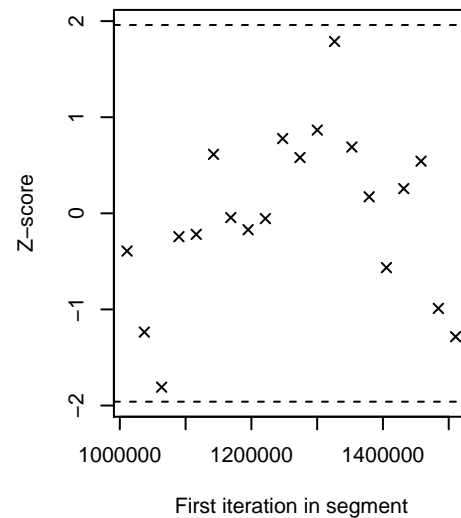
q[8,3] (chain1)

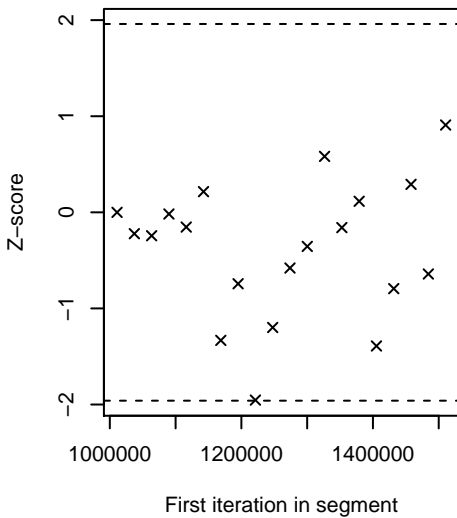
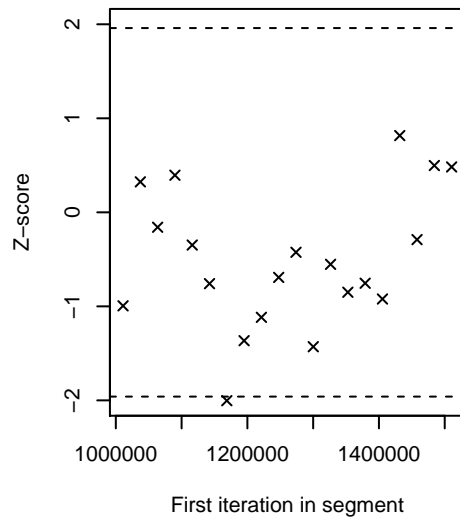
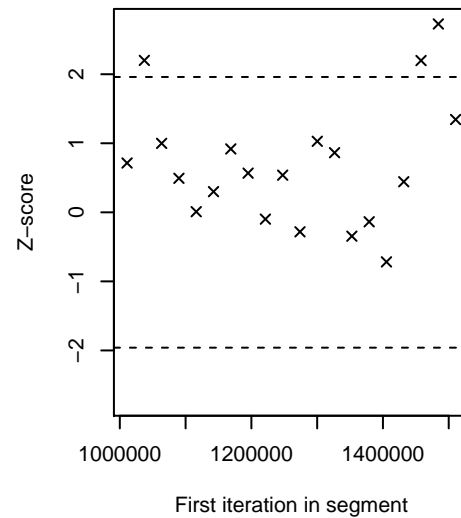
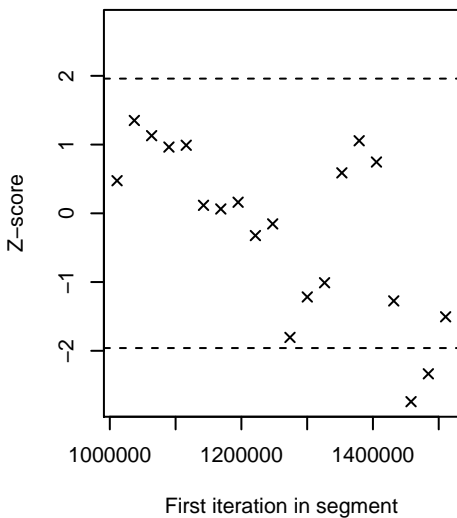
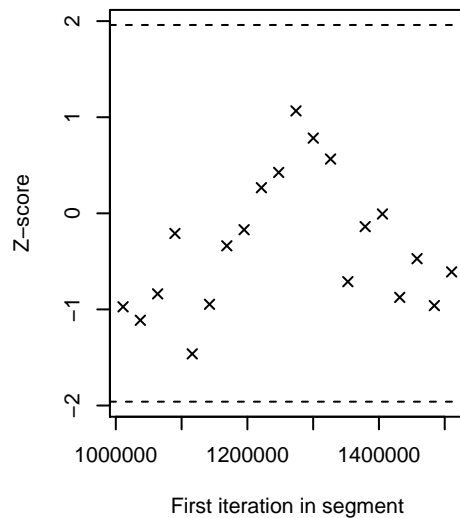
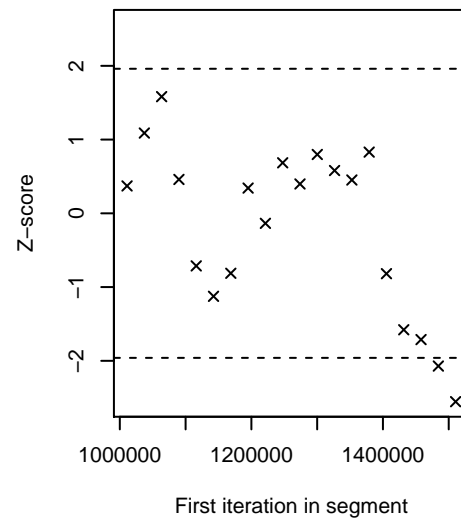
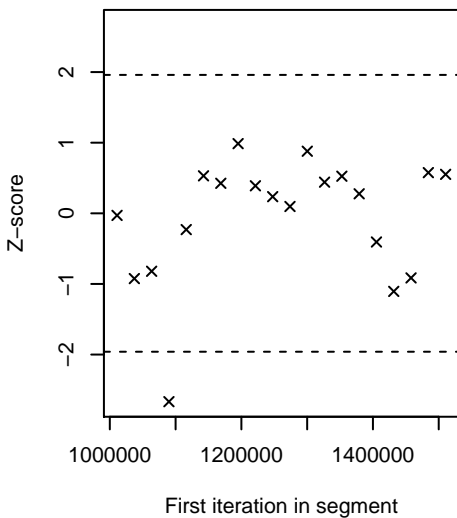
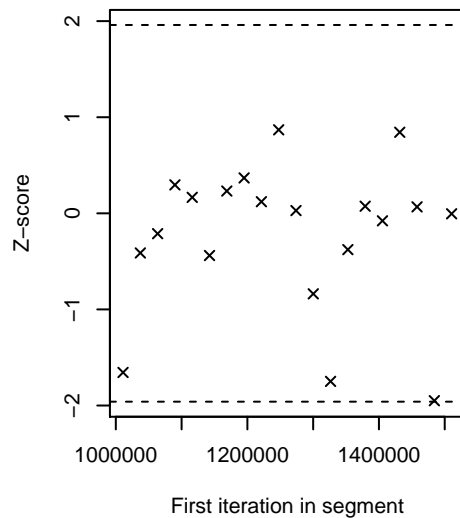
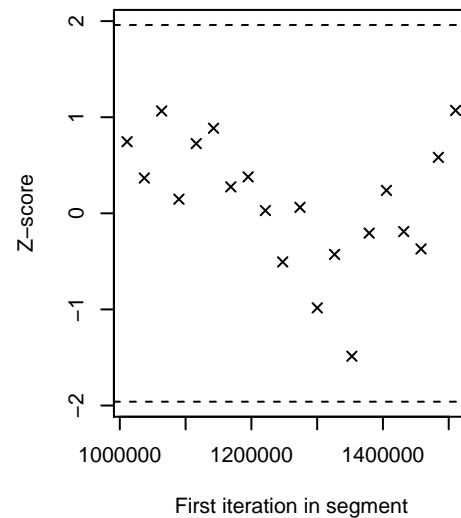


q[9,3] (chain1)

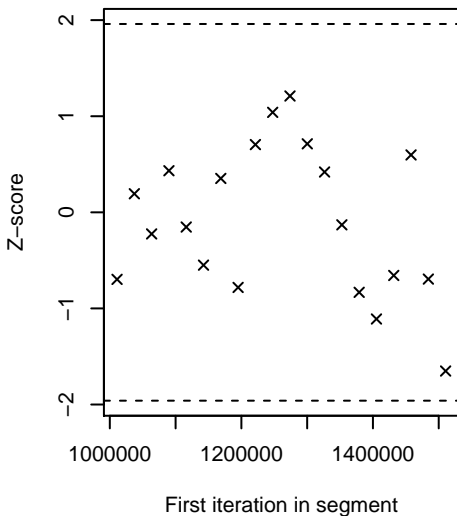


q[10,3] (chain1)

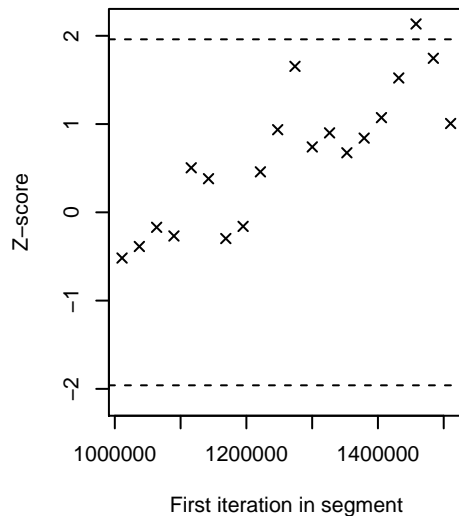


q[11,3] (chain1)**q[12,3] (chain1)****q[13,3] (chain1)****q[14,3] (chain1)****q[15,3] (chain1)****q[16,3] (chain1)****q[17,3] (chain1)****q[18,3] (chain1)****q[19,3] (chain1)**

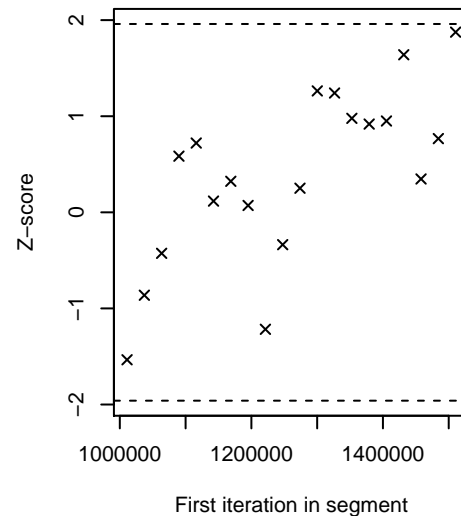
q[20,3] (chain1)



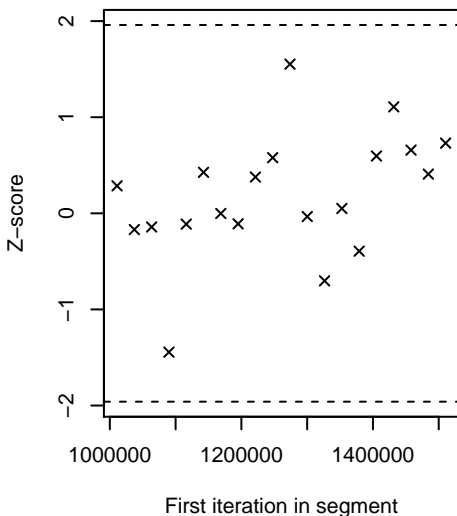
q[21,3] (chain1)



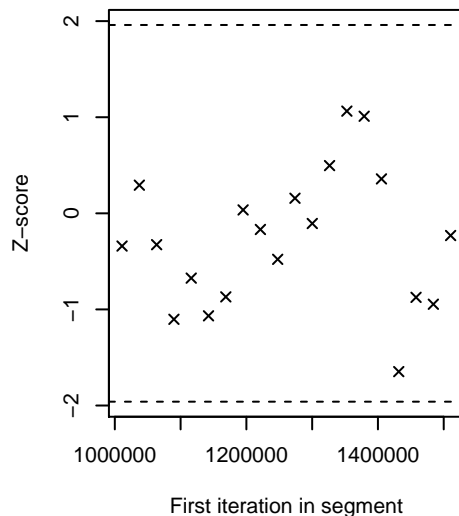
q[22,3] (chain1)



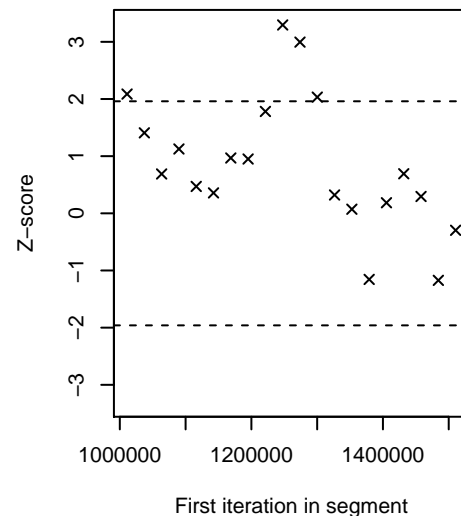
q[23,3] (chain1)



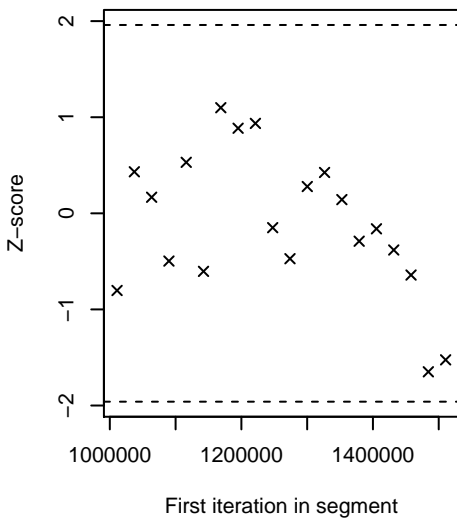
q[24,3] (chain1)



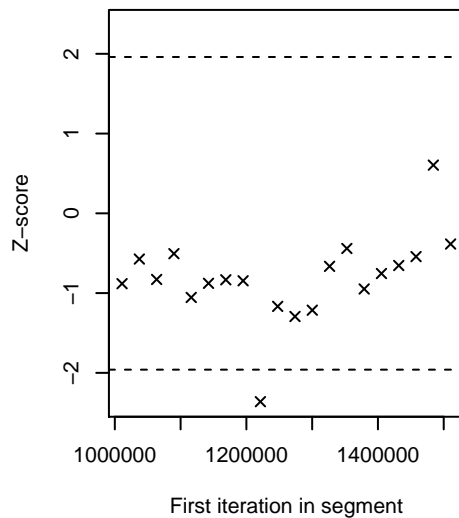
q[25,3] (chain1)



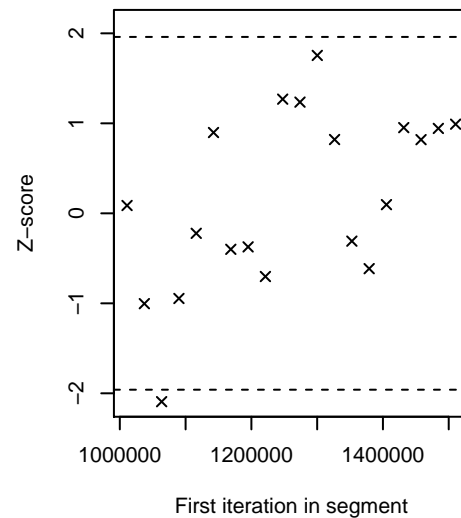
q[26,3] (chain1)



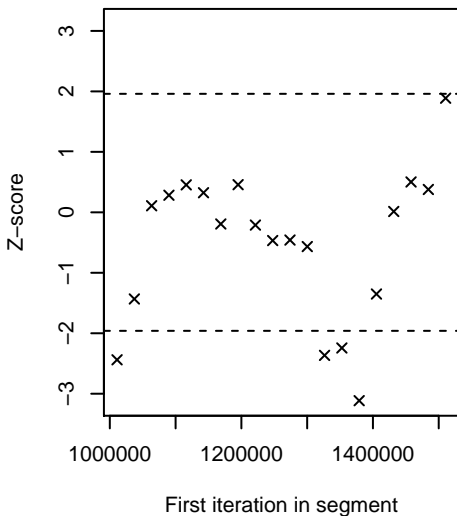
q[27,3] (chain1)



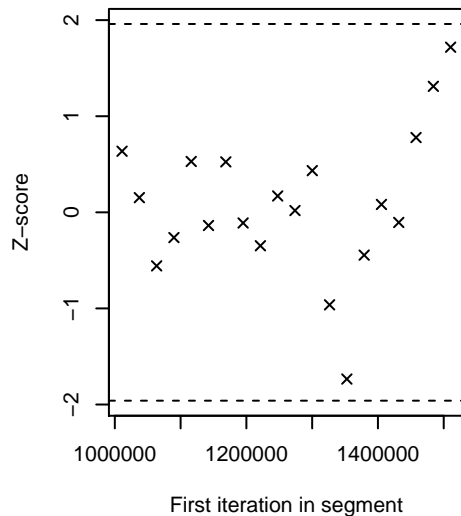
q[28,3] (chain1)



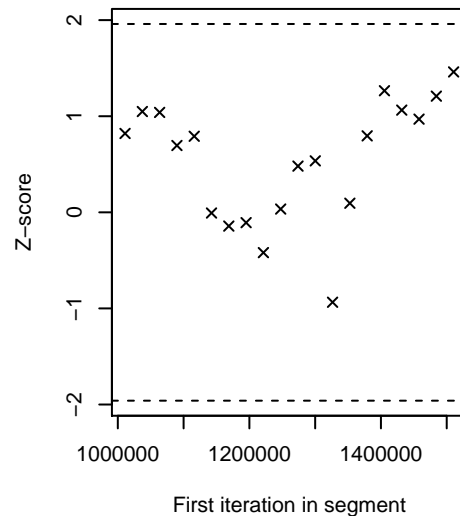
q[29,3] (chain1)



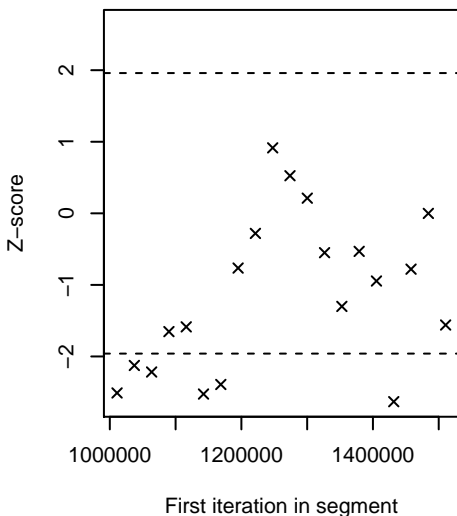
q[30,3] (chain1)



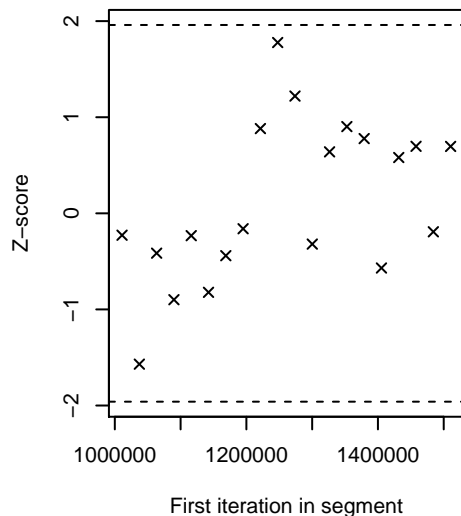
q[31,3] (chain1)



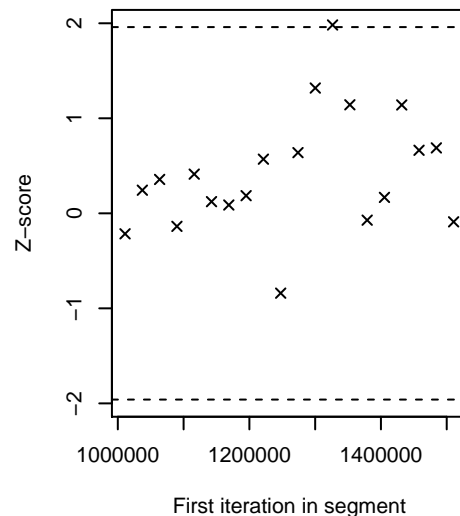
q[32,3] (chain1)



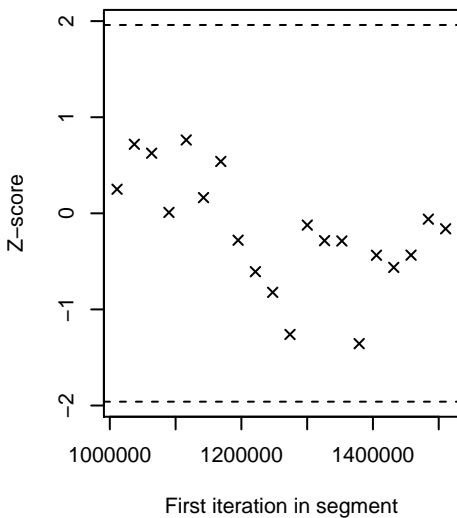
q[33,3] (chain1)



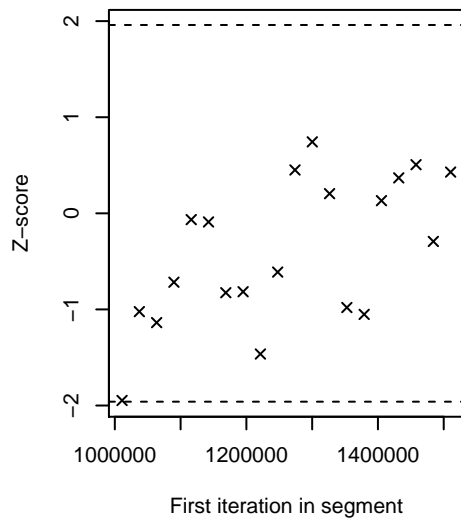
q[34,3] (chain1)



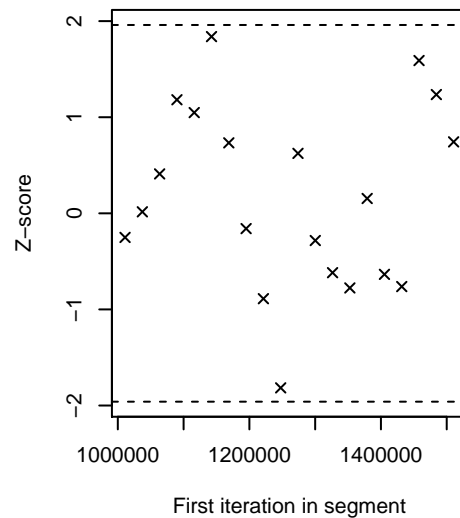
q[35,3] (chain1)



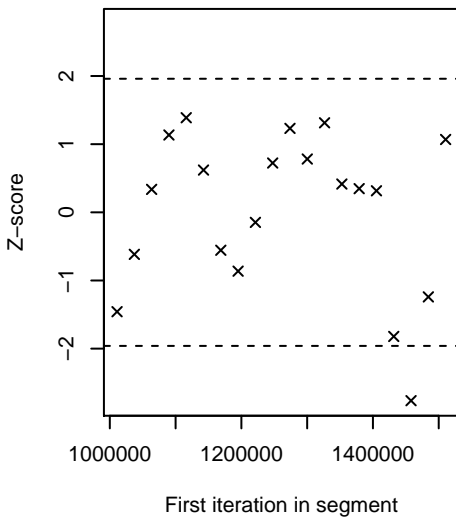
q[36,3] (chain1)



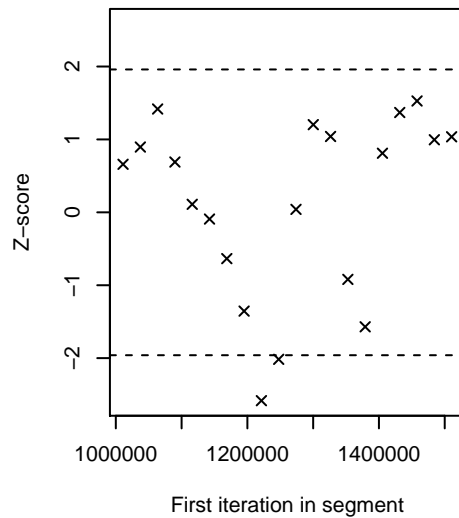
q[37,3] (chain1)



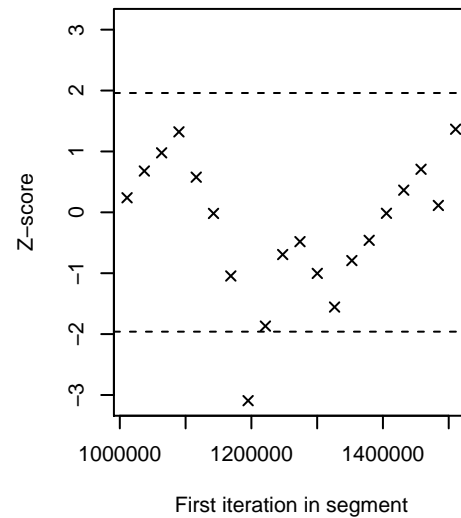
sigma.R (chain1)



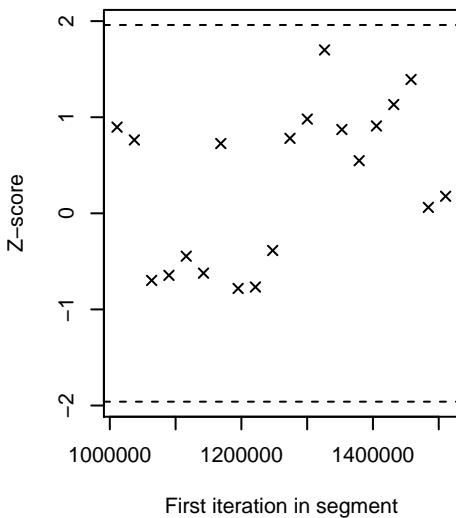
sigma.R0 (chain1)



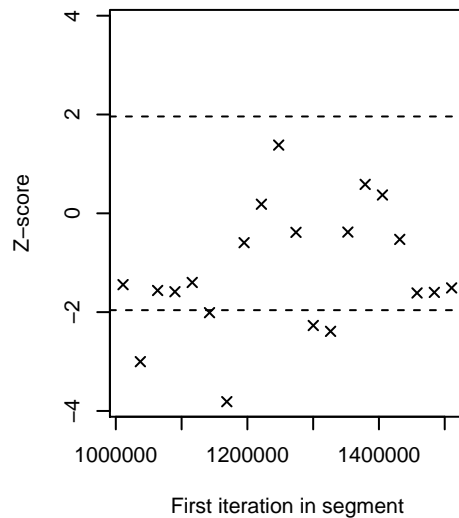
B.sum (chain2)



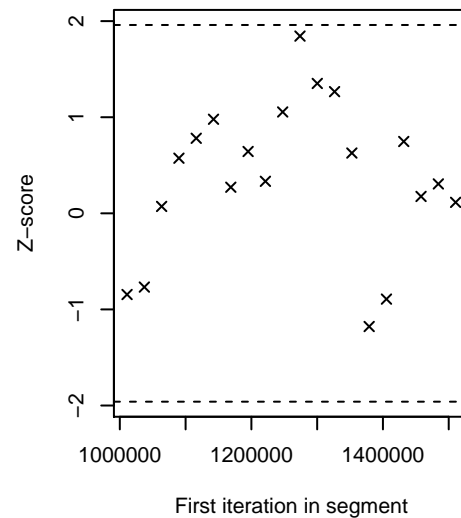
D.sum (chain2)



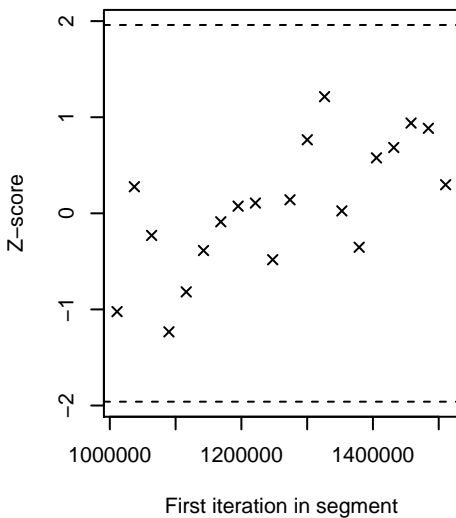
H.B[1] (chain2)



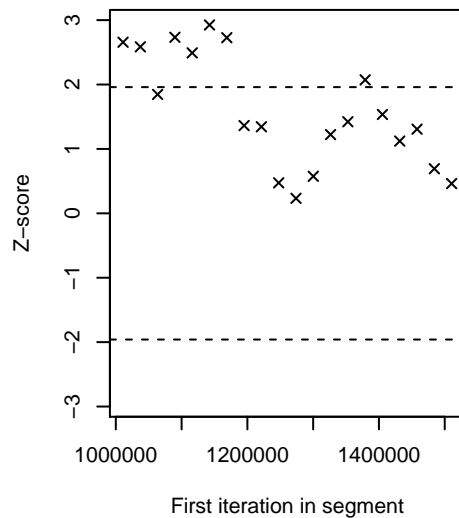
H.B[2] (chain2)



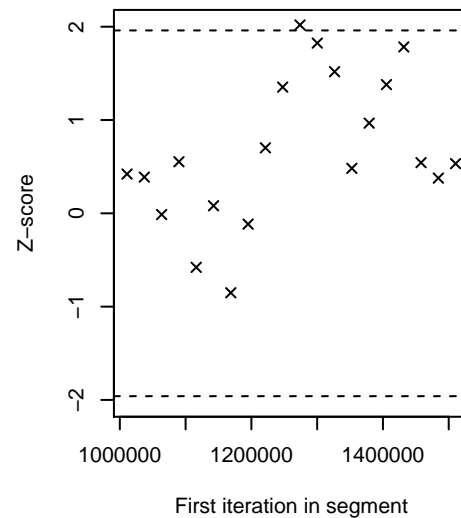
H.B[3] (chain2)

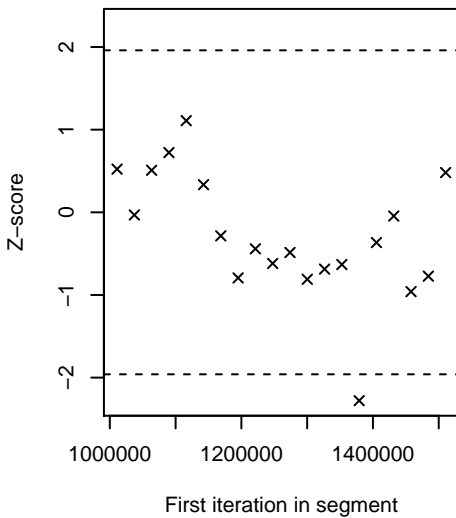
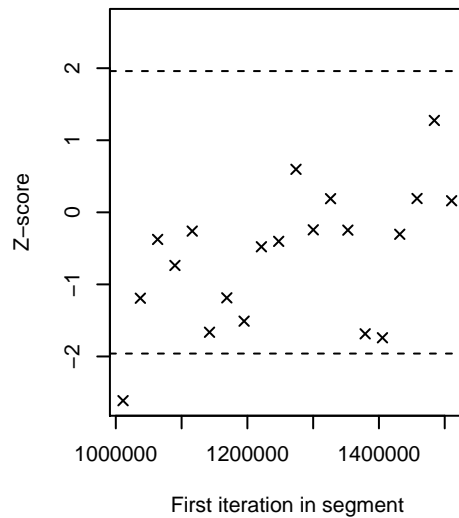
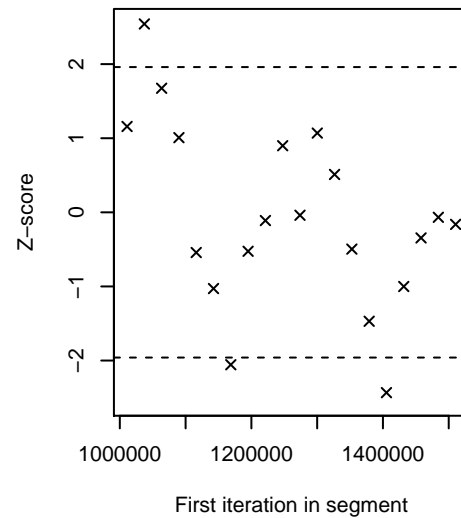
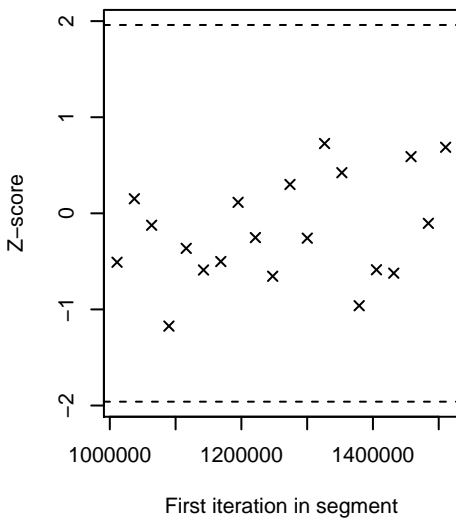
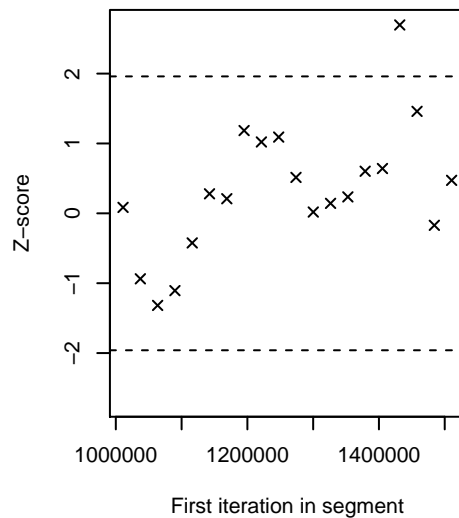
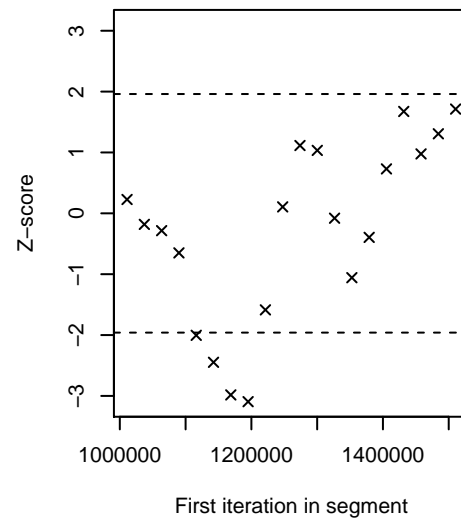
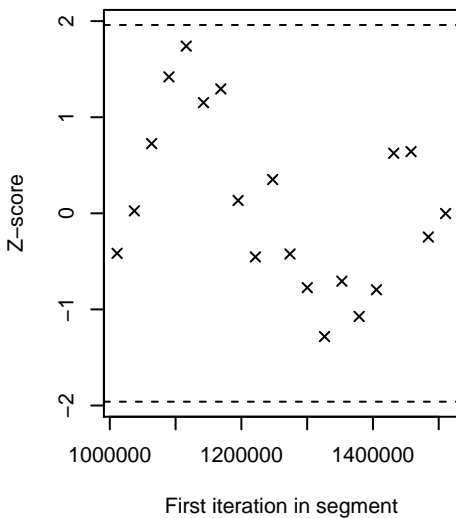
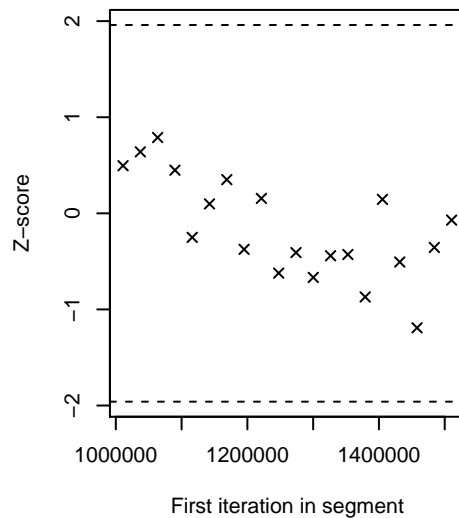
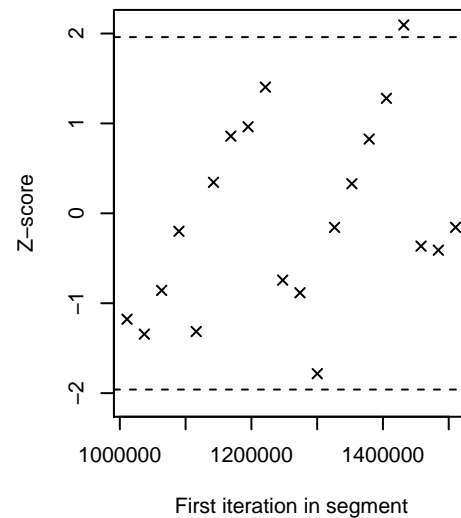


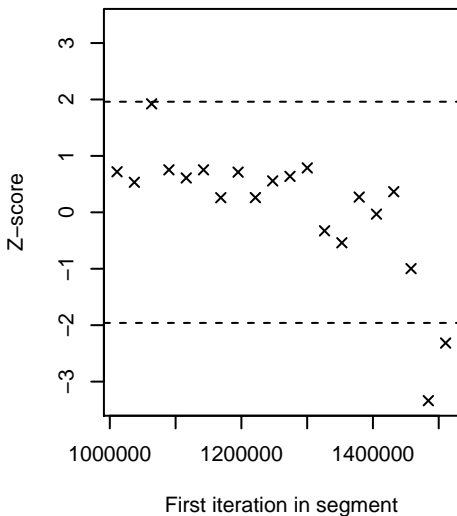
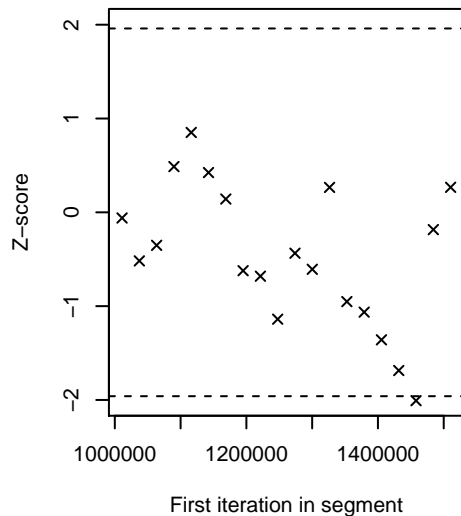
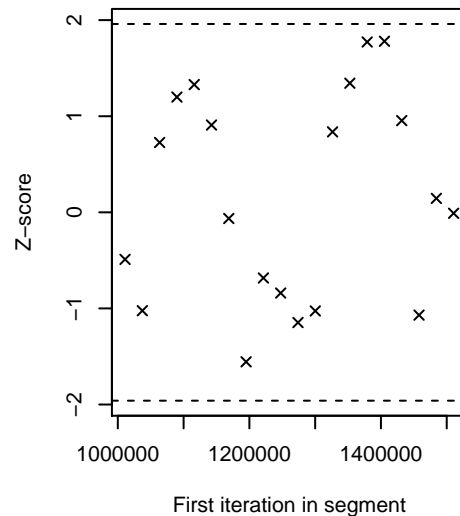
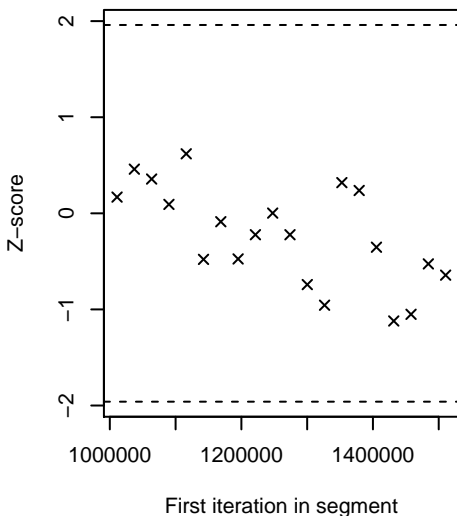
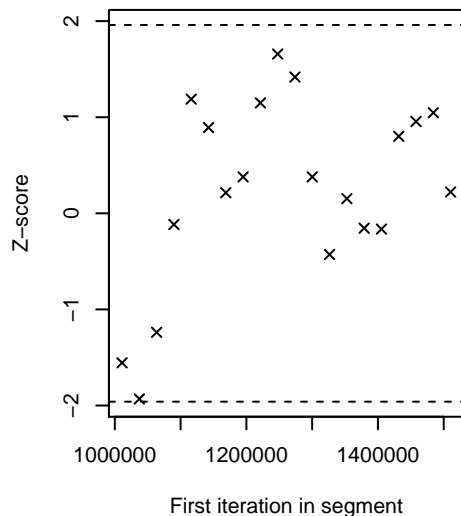
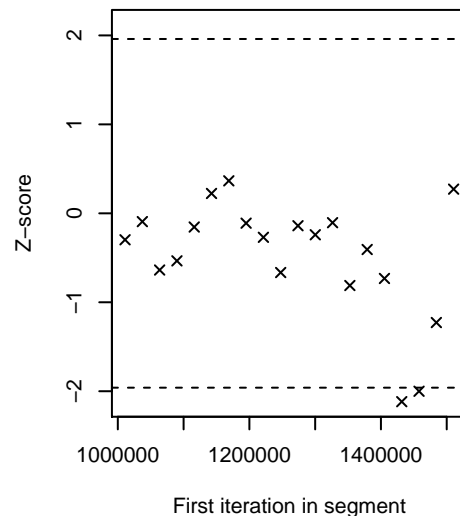
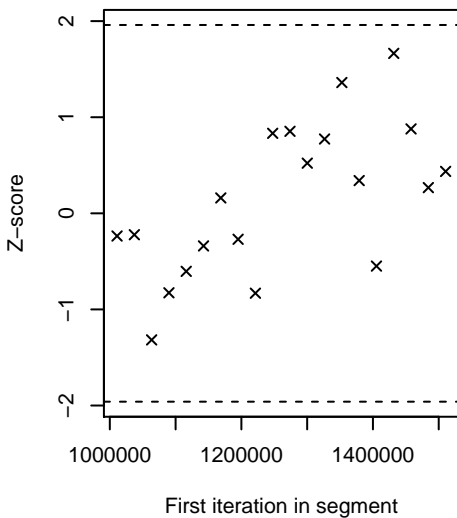
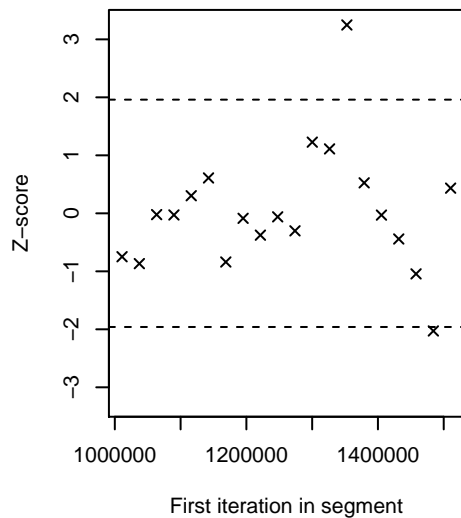
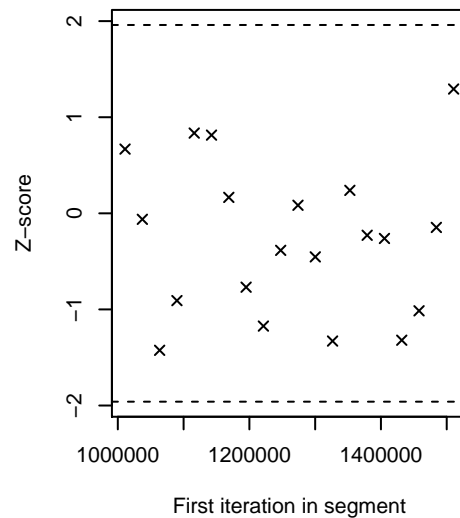
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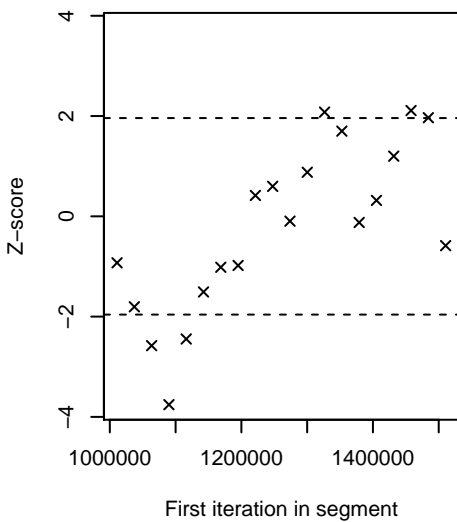
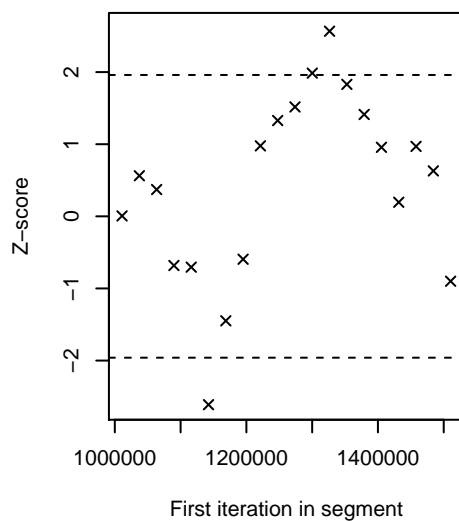
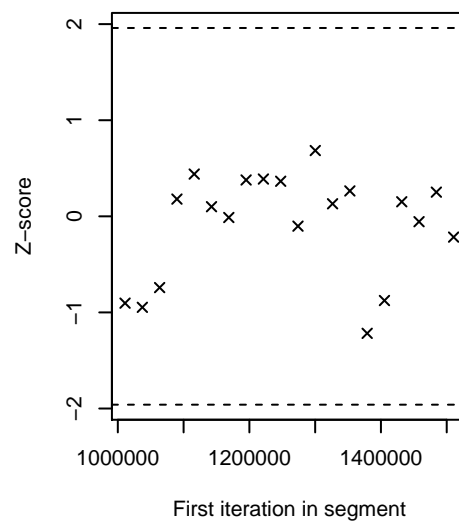
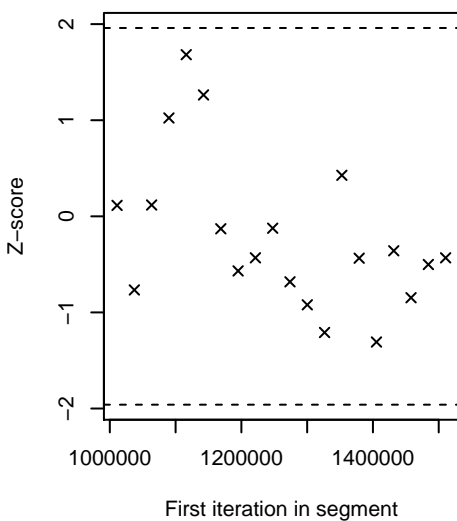
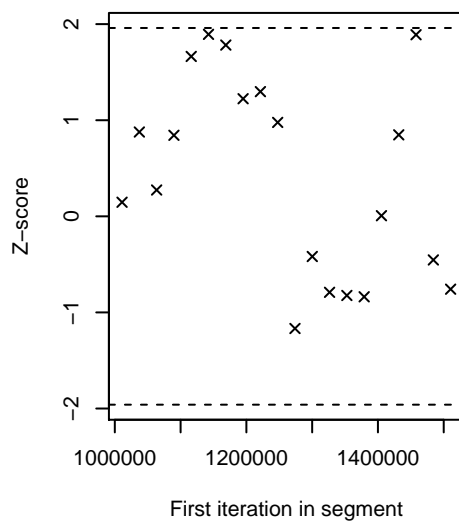
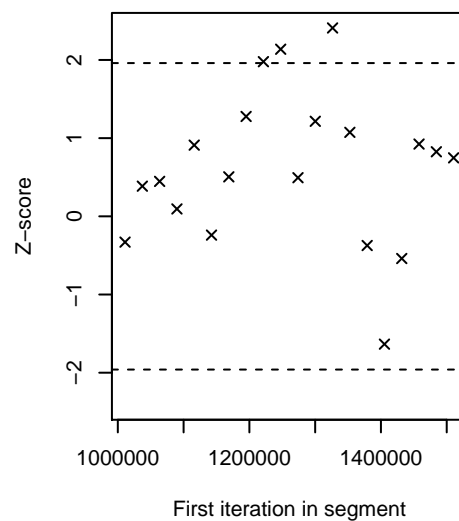
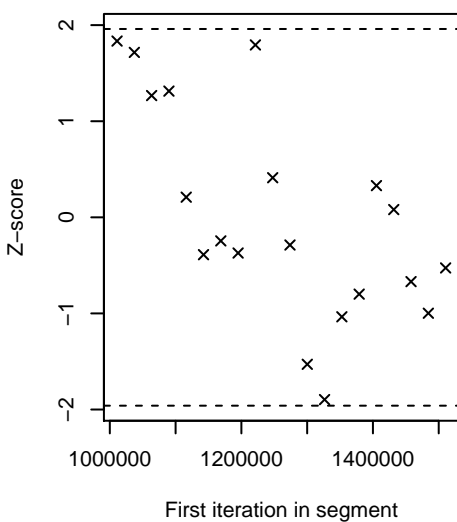
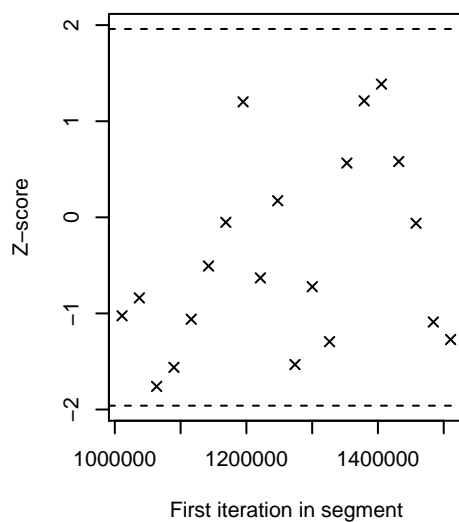
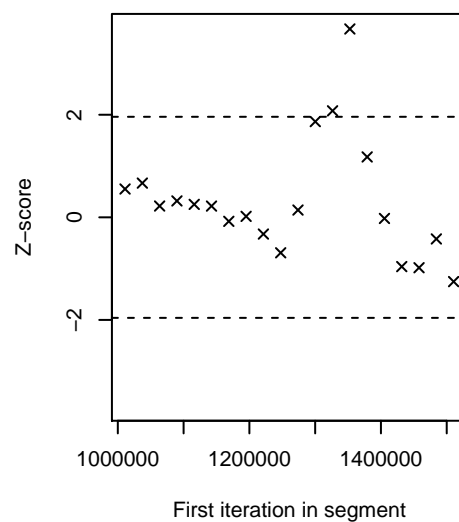


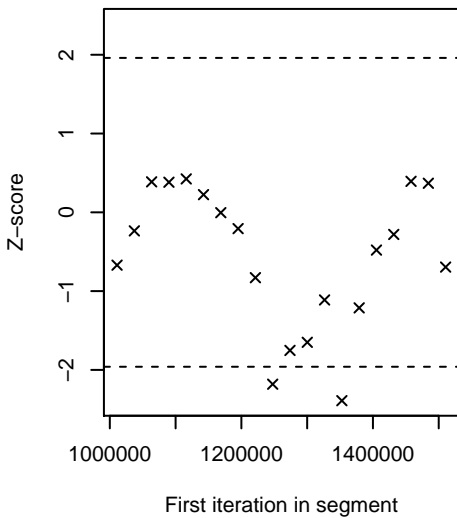
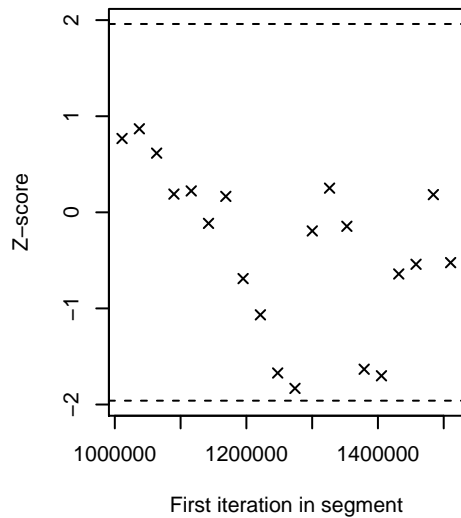
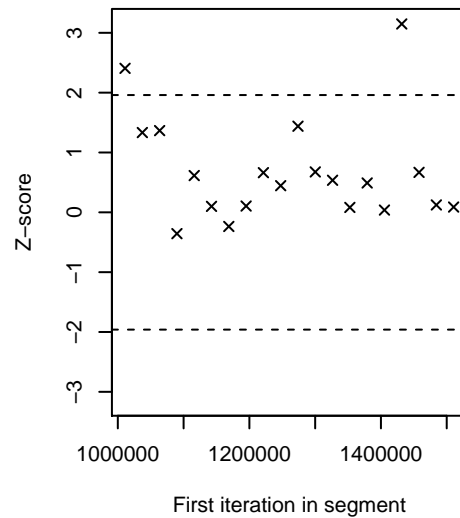
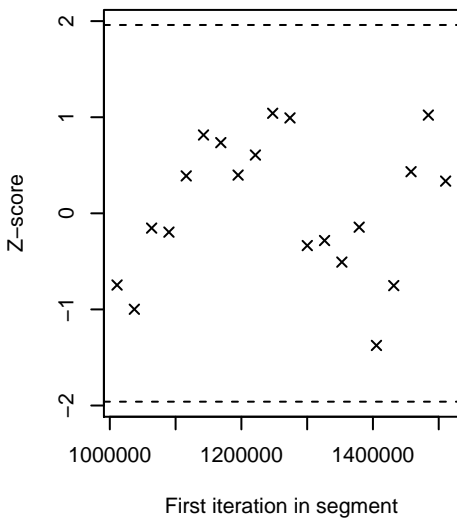
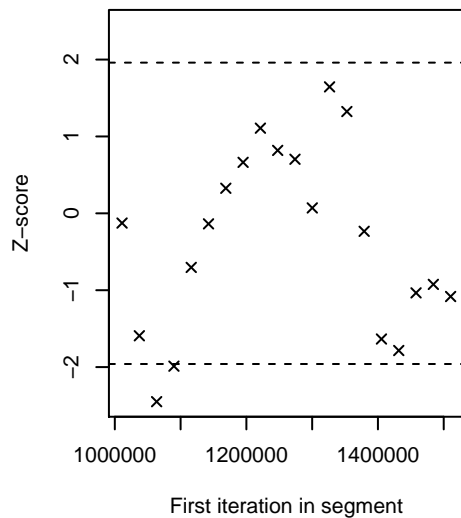
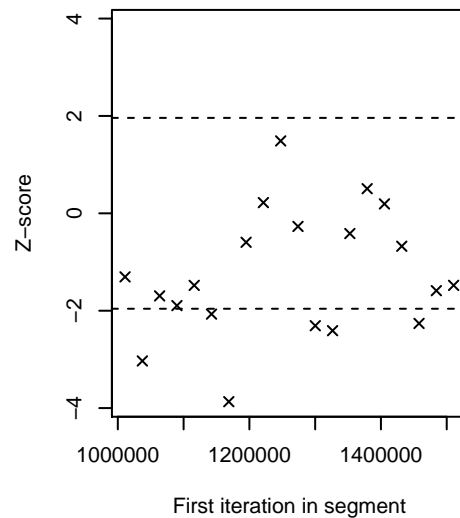
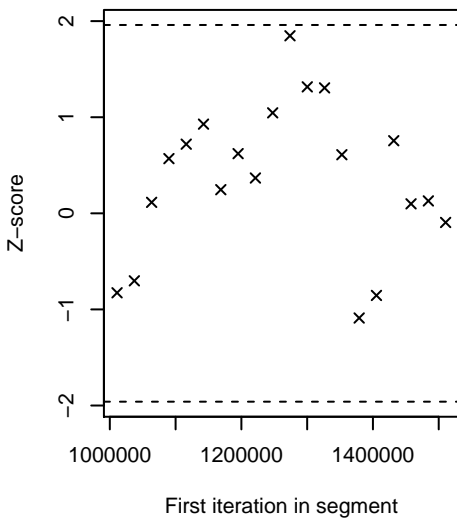
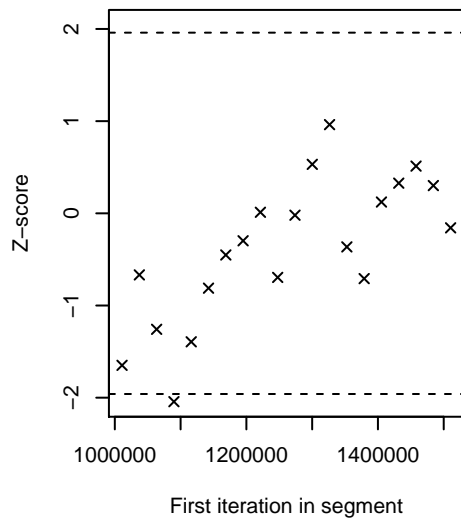
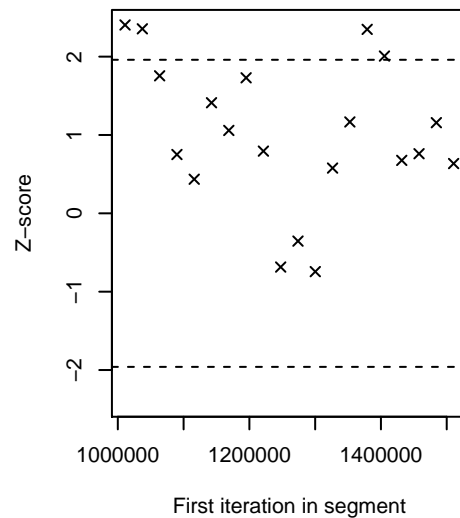
H.B[5] (chain2)

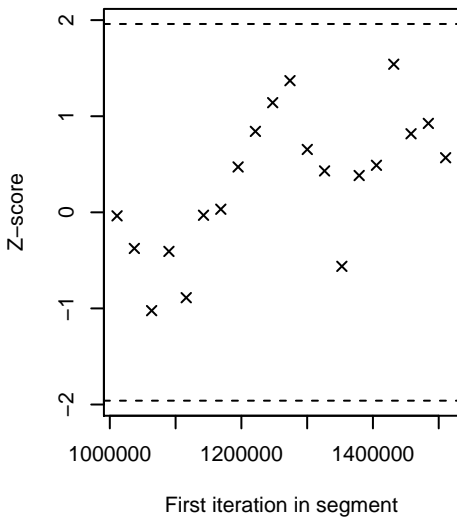
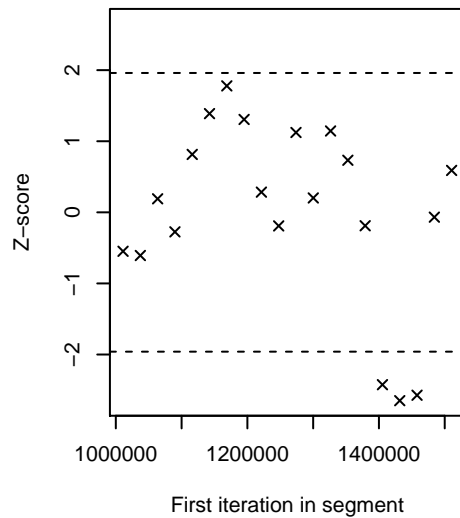
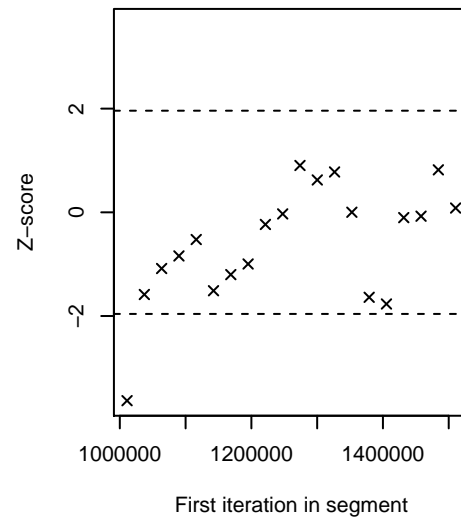
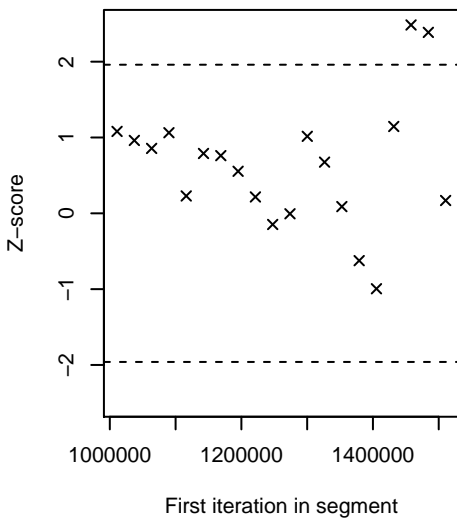
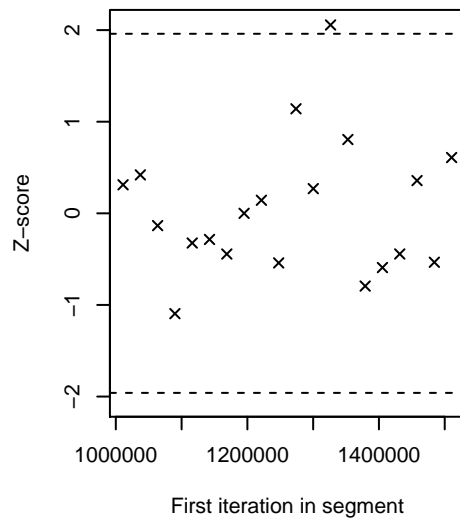
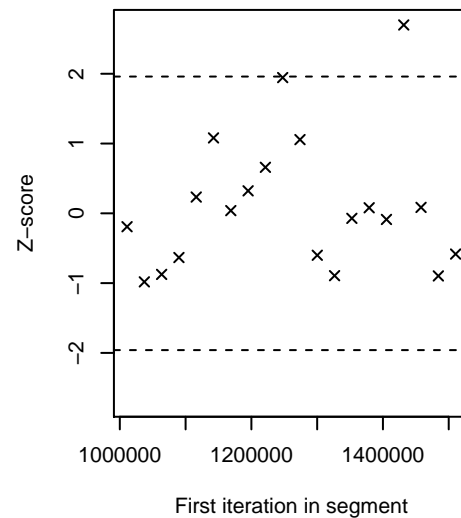
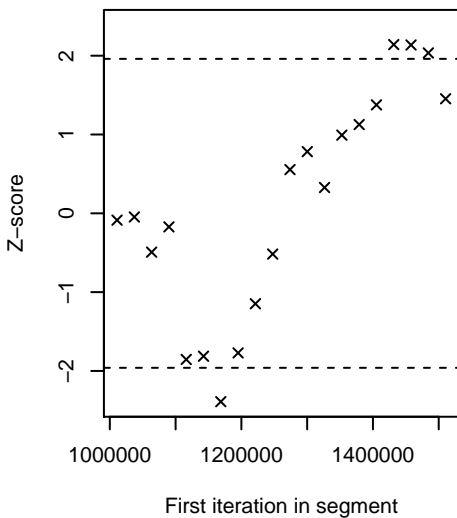
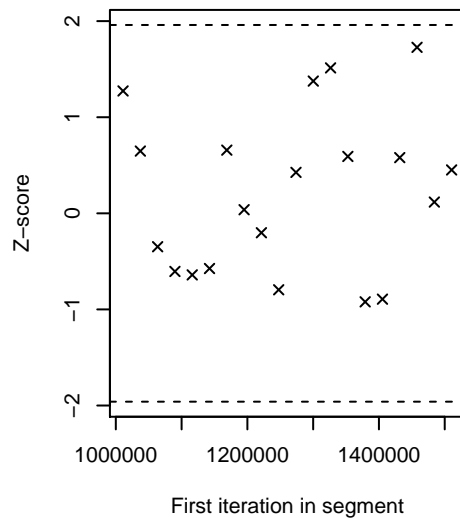
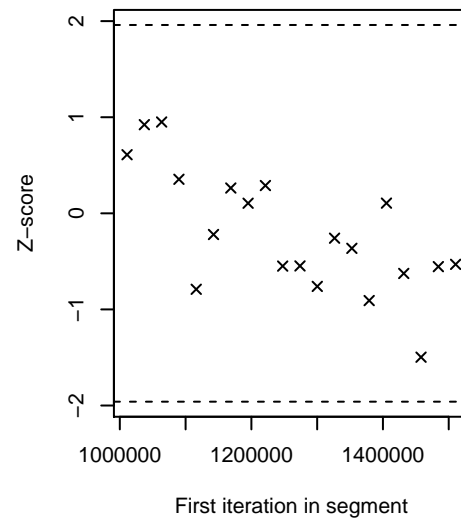


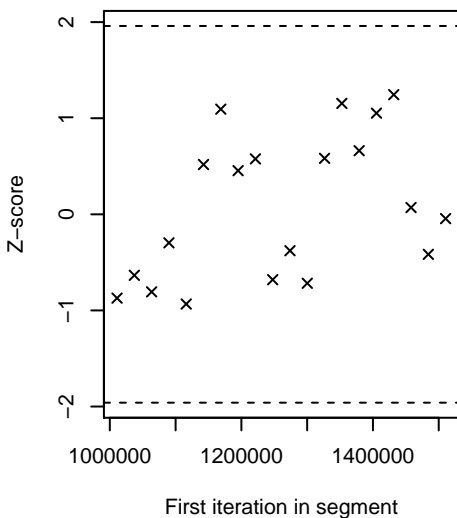
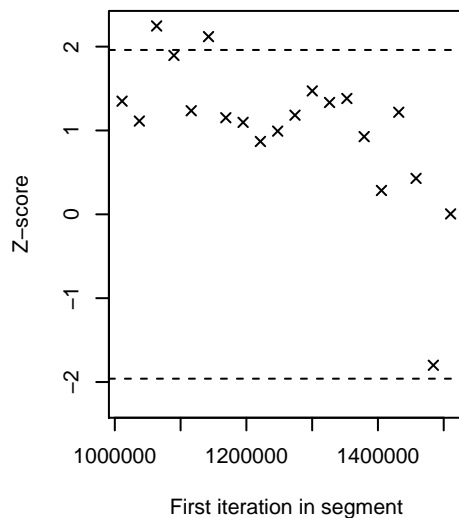
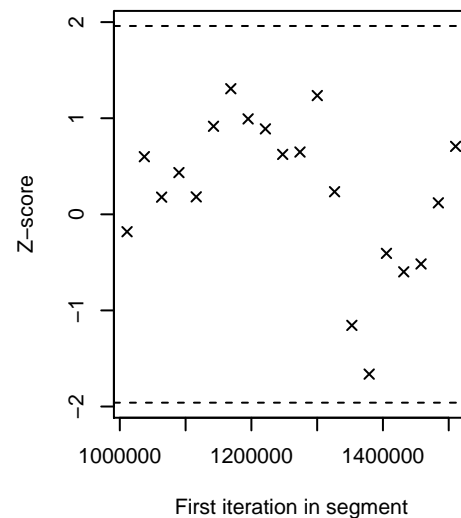
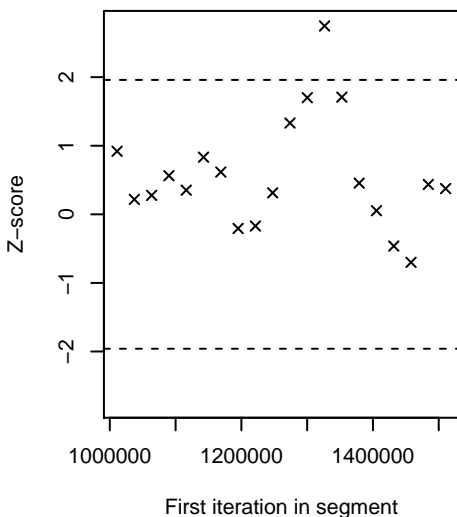
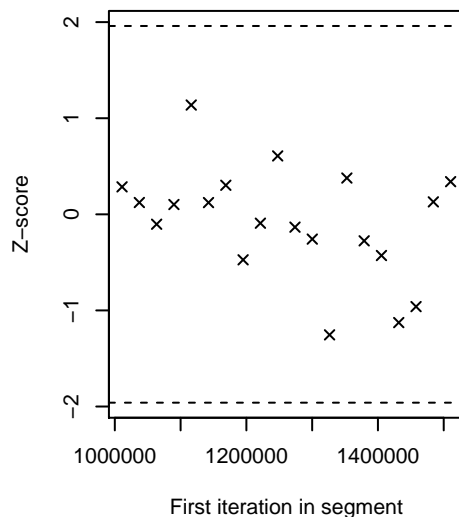
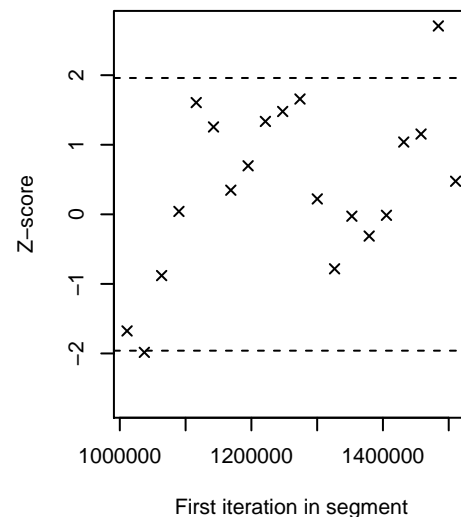
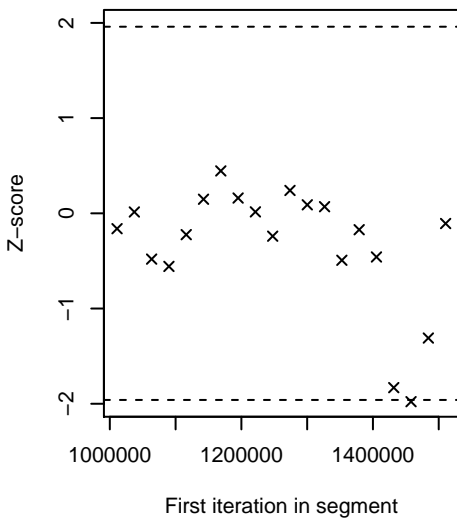
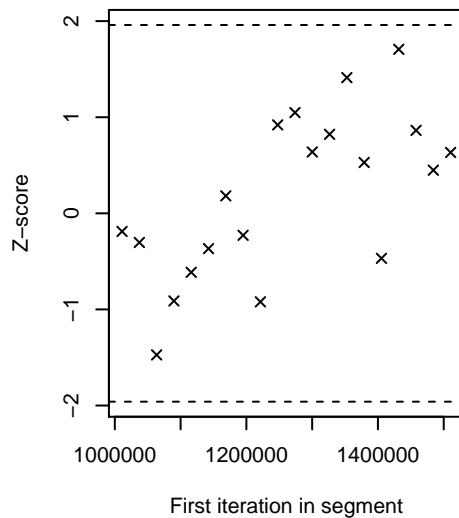
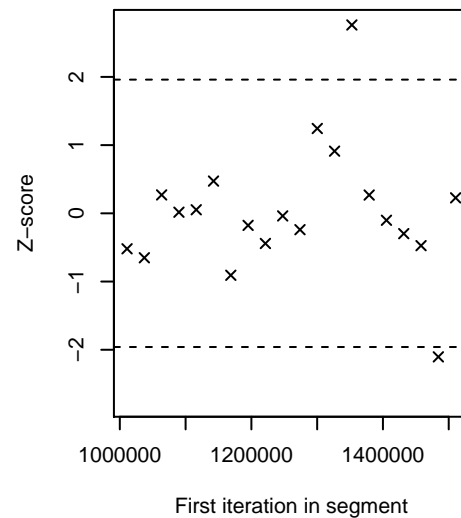
H.B[6] (chain2)**H.B[7] (chain2)****H.B[8] (chain2)****H.B[9] (chain2)****H.B[10] (chain2)****H.B[11] (chain2)****H.B[12] (chain2)****H.B[13] (chain2)****H.B[14] (chain2)**

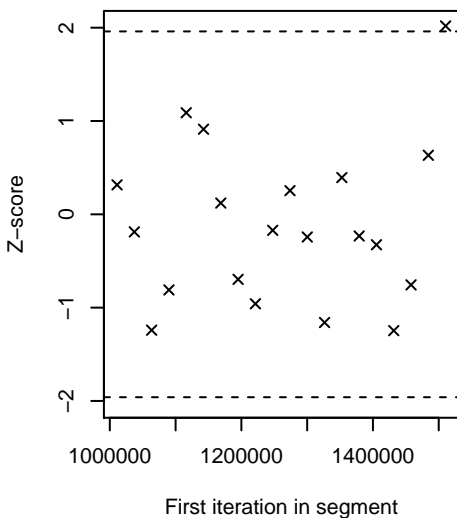
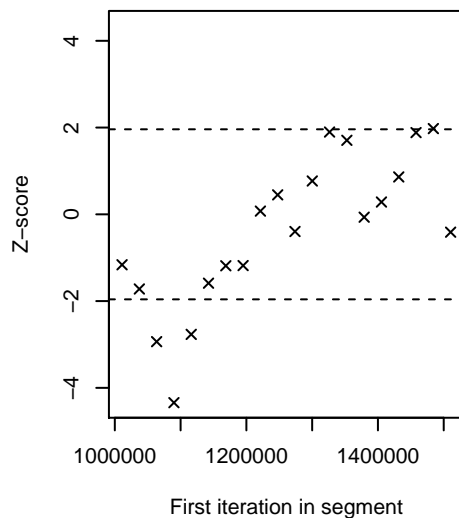
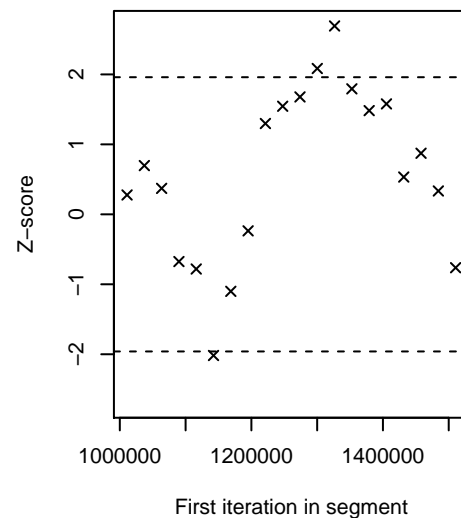
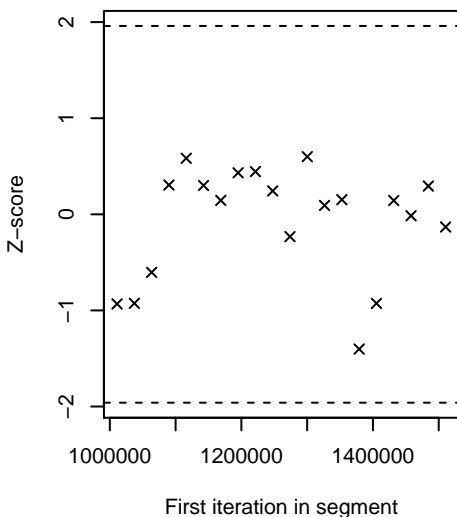
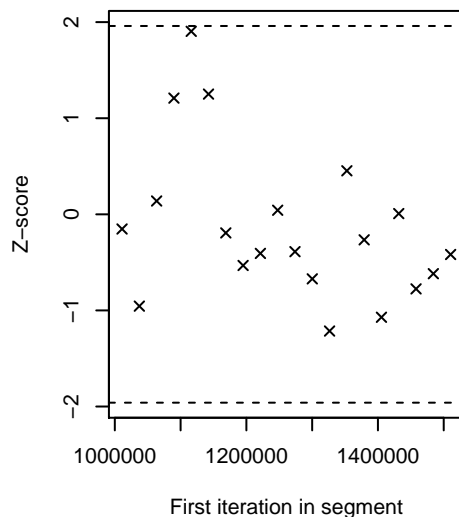
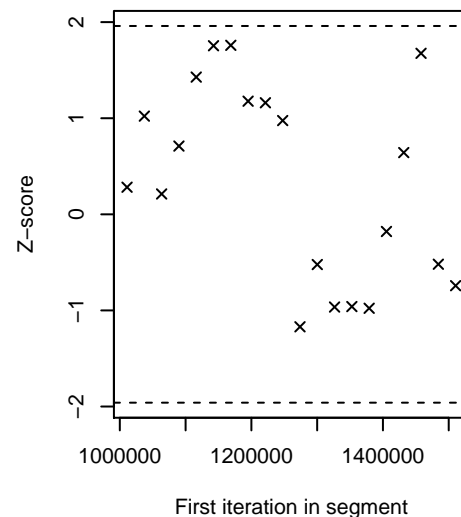
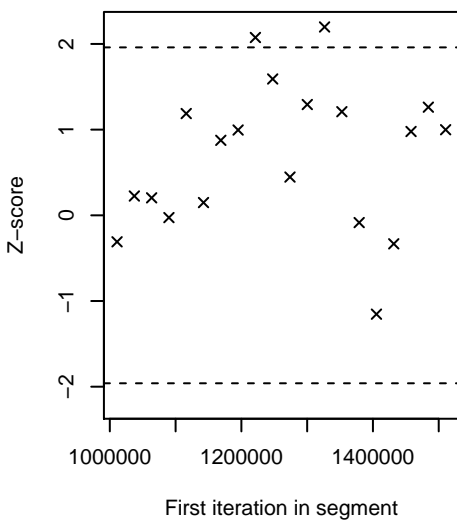
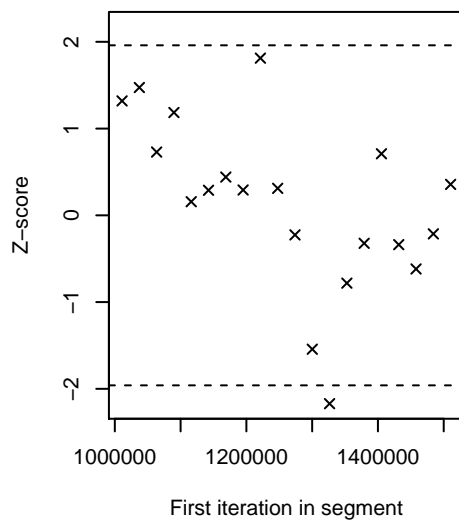
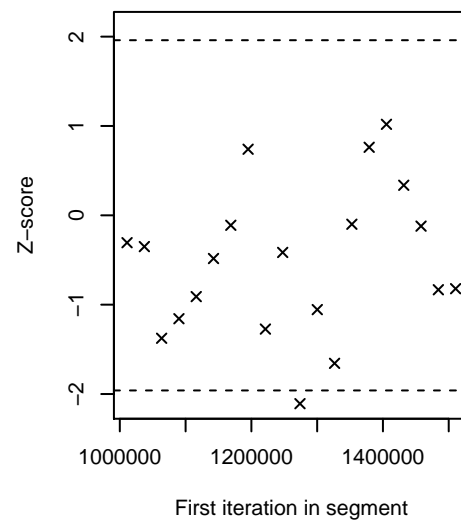
H.B[15] (chain2)**H.B[16] (chain2)****H.B[17] (chain2)****H.B[18] (chain2)****H.B[19] (chain2)****H.B[20] (chain2)****H.B[21] (chain2)****H.B[22] (chain2)****H.B[23] (chain2)**

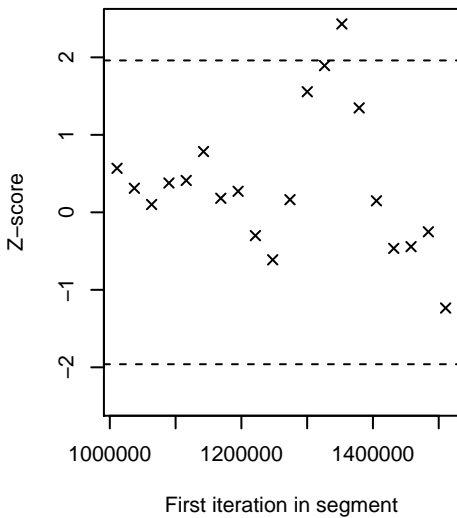
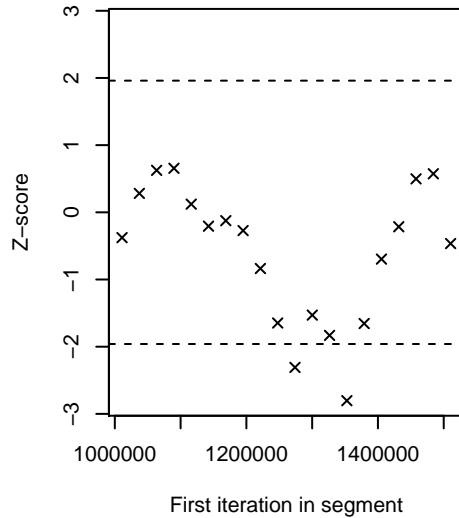
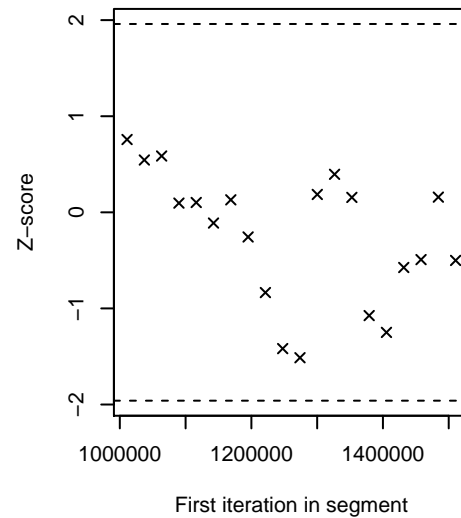
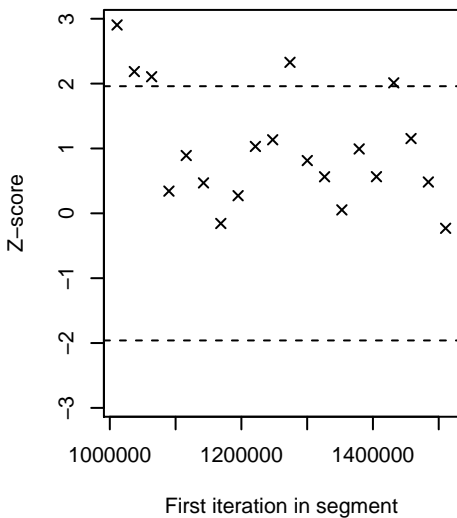
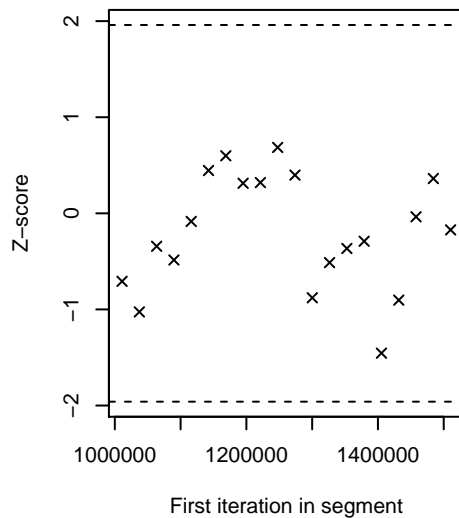
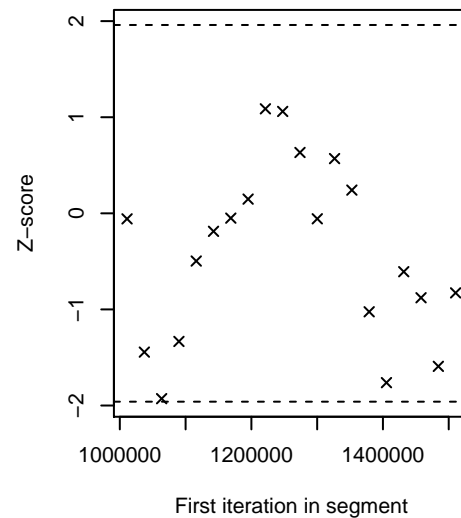
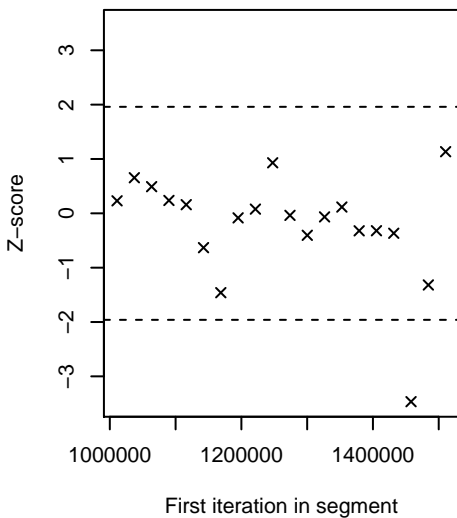
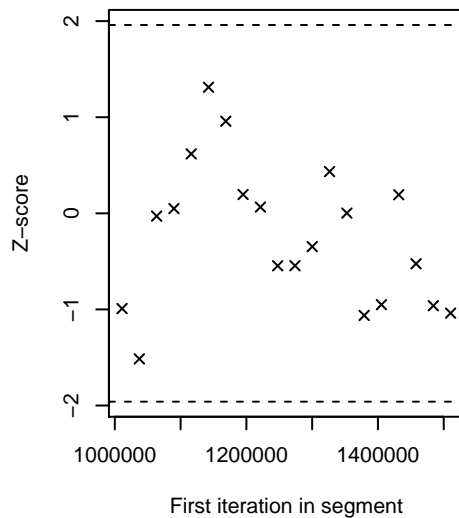
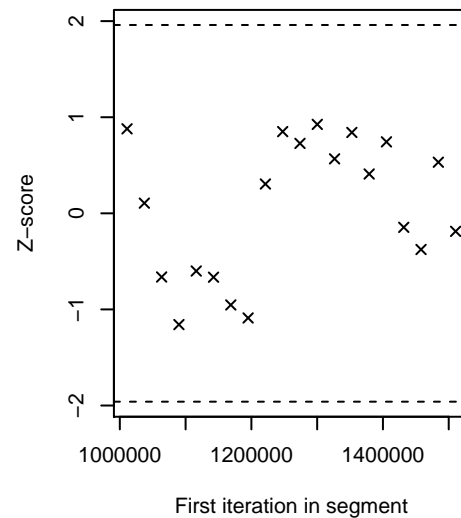
H.B[24] (chain2)**H.B[25] (chain2)****H.B[26] (chain2)****H.B[27] (chain2)****H.B[28] (chain2)****H.B[29] (chain2)****H.B[30] (chain2)****H.B[31] (chain2)****H.B[32] (chain2)**

H.B[33] (chain2)**H.B[34] (chain2)****H.B[35] (chain2)****H.B[36] (chain2)****H.B[37] (chain2)****N[1] (chain2)****N[2] (chain2)****N[3] (chain2)****N[4] (chain2)**

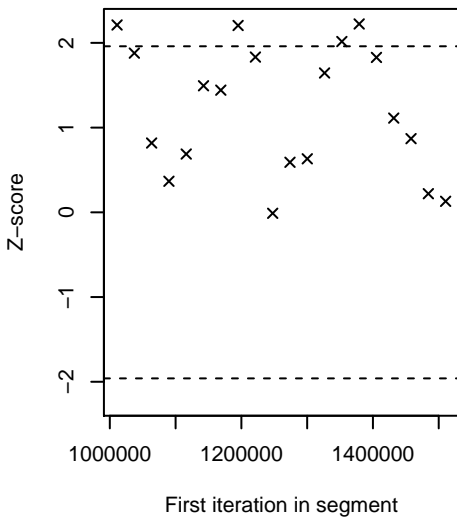
N[5] (chain2)**N[6] (chain2)****N[7] (chain2)****N[8] (chain2)****N[9] (chain2)****N[10] (chain2)****N[11] (chain2)****N[12] (chain2)****N[13] (chain2)**

N[14] (chain2)**N[15] (chain2)****N[16] (chain2)****N[17] (chain2)****N[18] (chain2)****N[19] (chain2)****N[20] (chain2)****N[21] (chain2)****N[22] (chain2)**

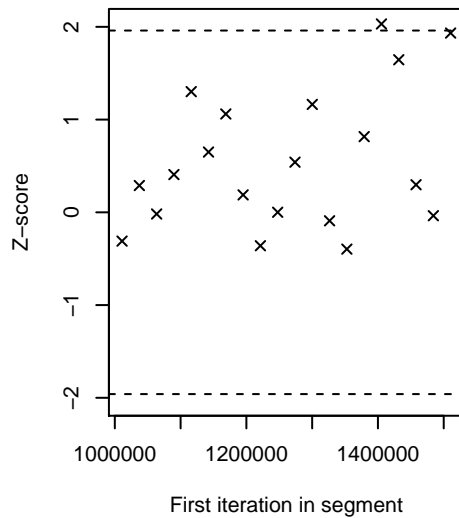
N[23] (chain2)**N[24] (chain2)****N[25] (chain2)****N[26] (chain2)****N[27] (chain2)****N[28] (chain2)****N[29] (chain2)****N[30] (chain2)****N[31] (chain2)**

N[32] (chain2)**N[33] (chain2)****N[34] (chain2)****N[35] (chain2)****N[36] (chain2)****N[37] (chain2)****N.ya[1,1] (chain2)****N.ya[2,1] (chain2)****N.ya[3,1] (chain2)**

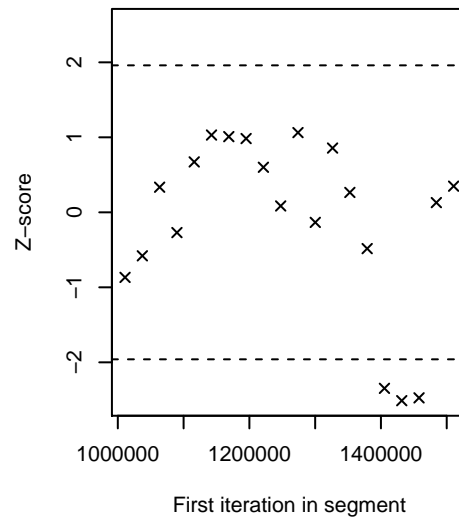
N.ya[4,1] (chain2)



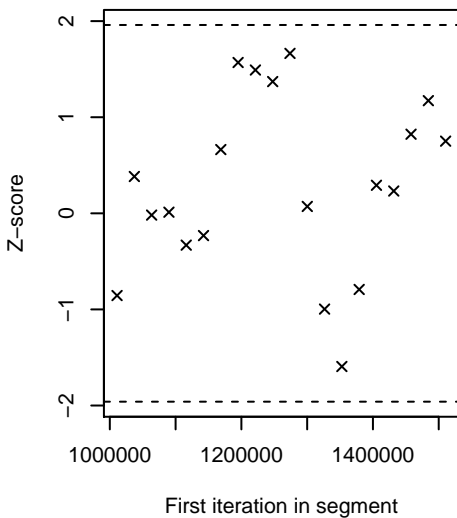
N.ya[5,1] (chain2)



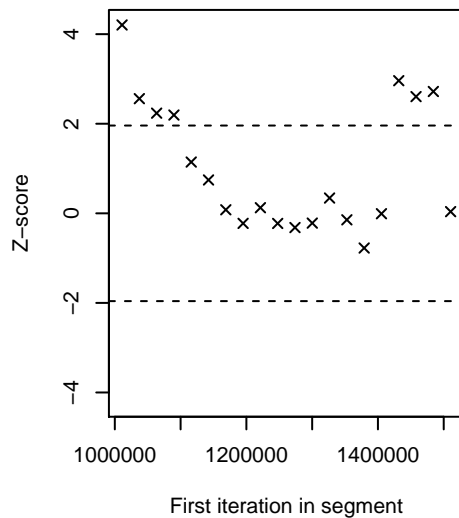
N.ya[6,1] (chain2)



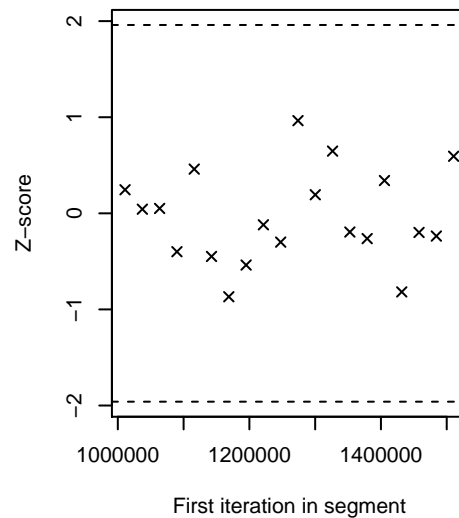
N.ya[7,1] (chain2)



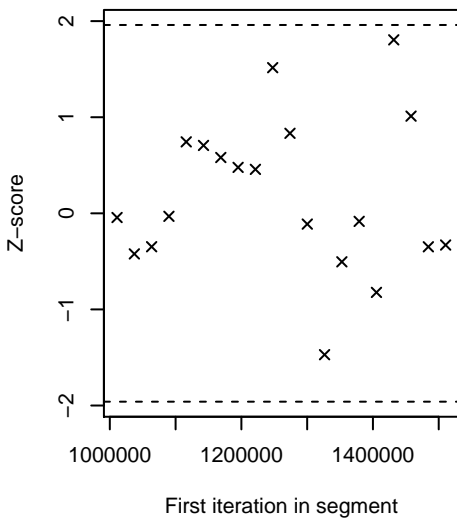
N.ya[8,1] (chain2)



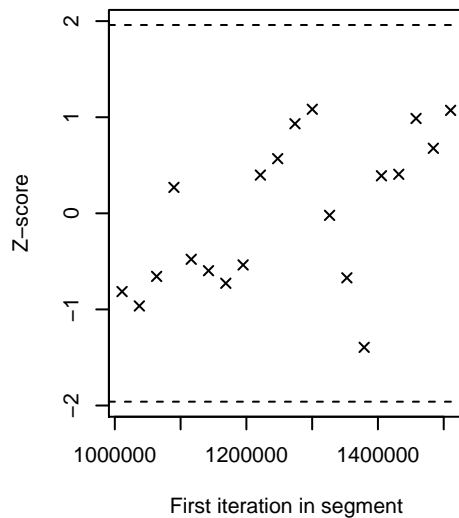
N.ya[9,1] (chain2)



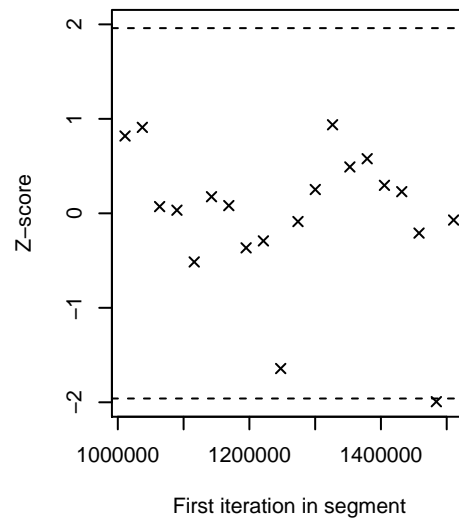
N.ya[10,1] (chain2)



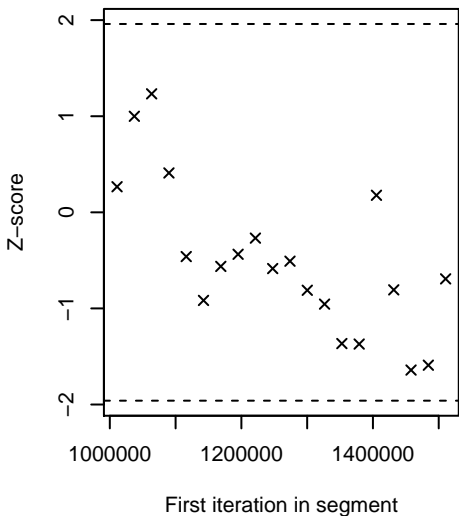
N.ya[11,1] (chain2)



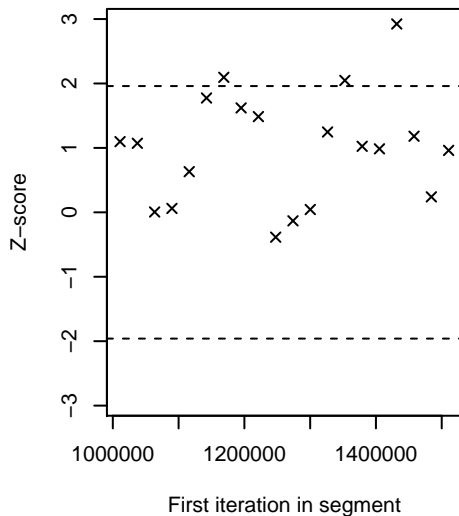
N.ya[12,1] (chain2)



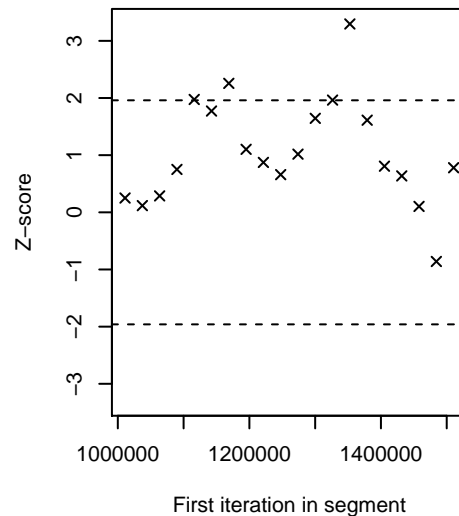
N.ya[13,1] (chain2)



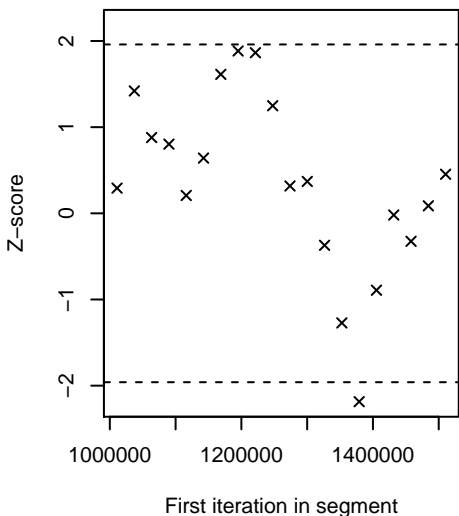
N.ya[14,1] (chain2)



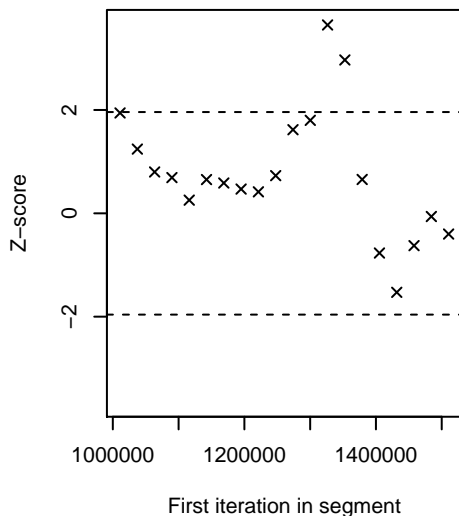
N.ya[15,1] (chain2)



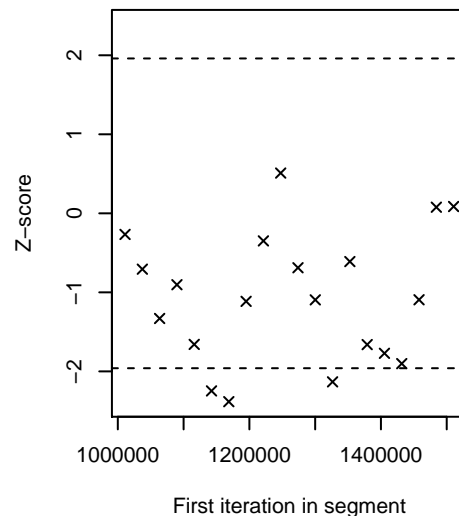
N.ya[16,1] (chain2)



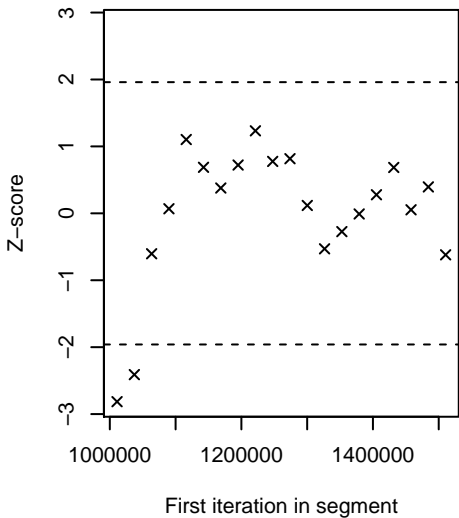
N.ya[17,1] (chain2)



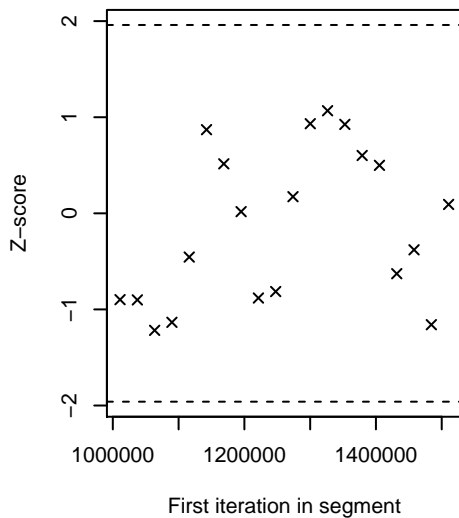
N.ya[18,1] (chain2)



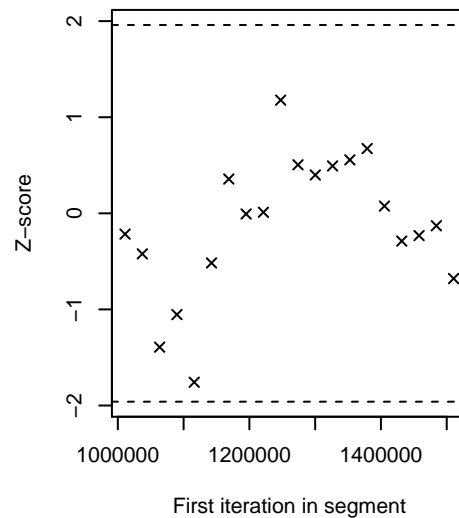
N.ya[19,1] (chain2)



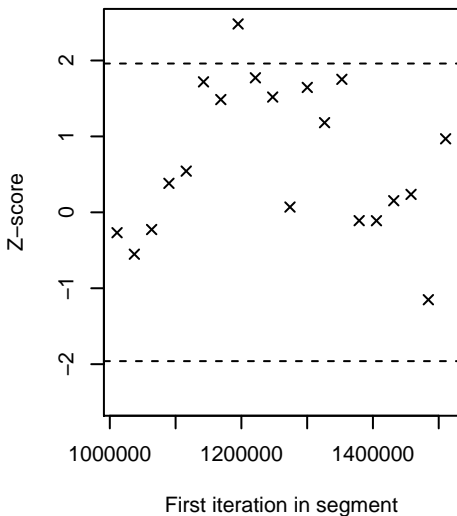
N.ya[20,1] (chain2)



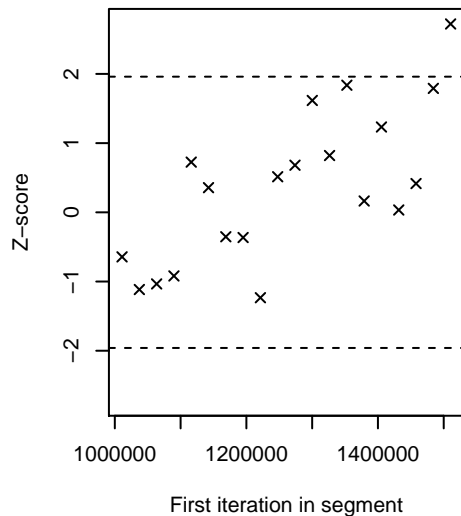
N.ya[21,1] (chain2)



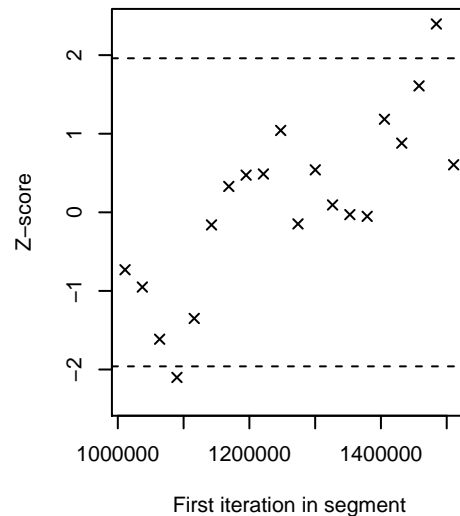
N.ya[22,1] (chain2)



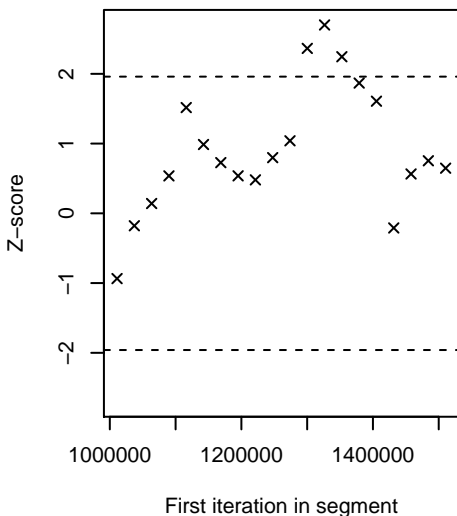
N.ya[23,1] (chain2)



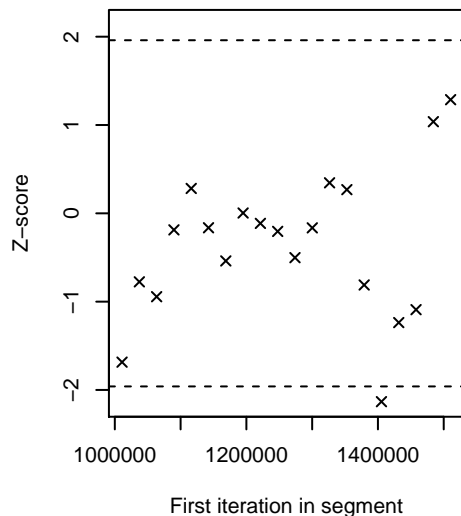
N.ya[24,1] (chain2)



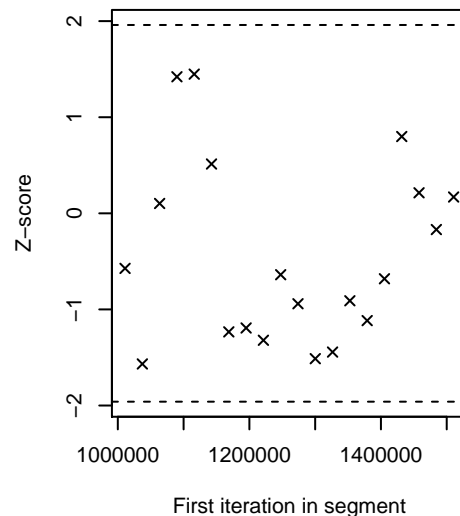
N.ya[25,1] (chain2)



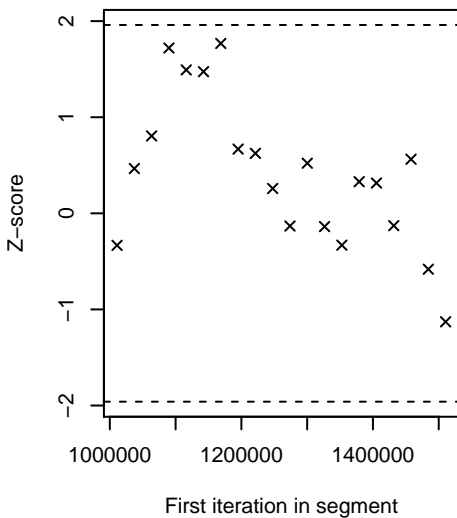
N.ya[26,1] (chain2)



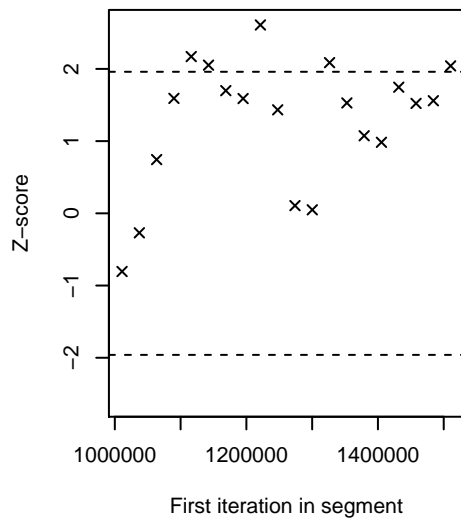
N.ya[27,1] (chain2)



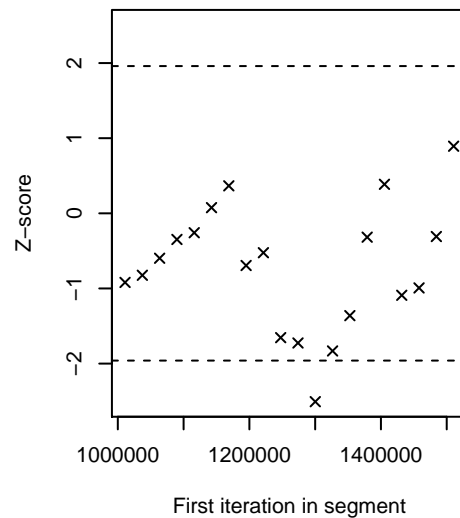
N.ya[28,1] (chain2)



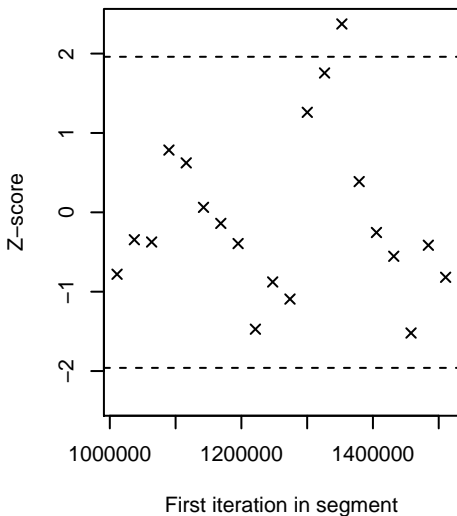
N.ya[29,1] (chain2)



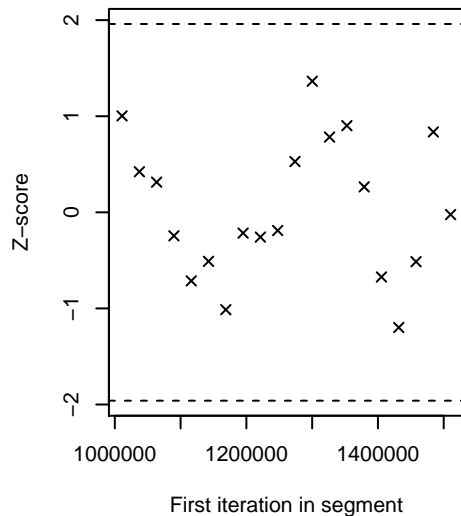
N.ya[30,1] (chain2)



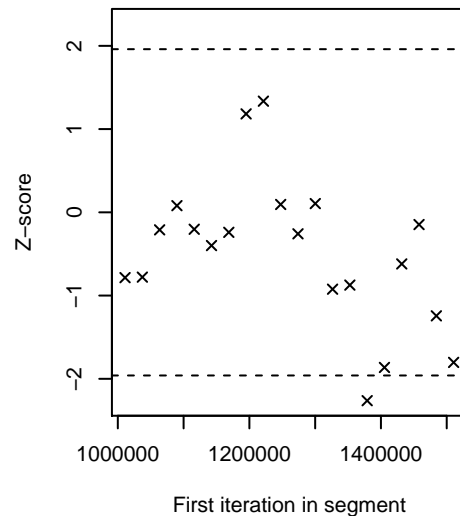
N.ya[31,1] (chain2)



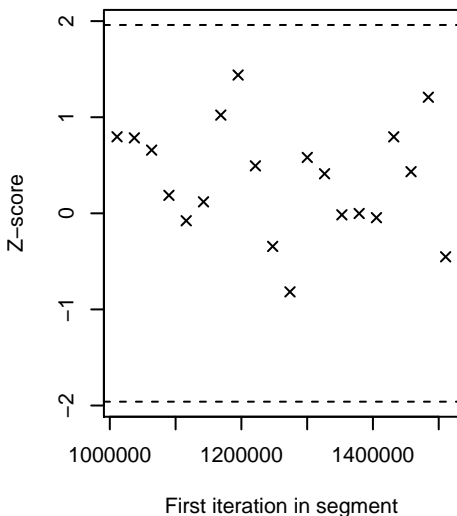
N.ya[32,1] (chain2)



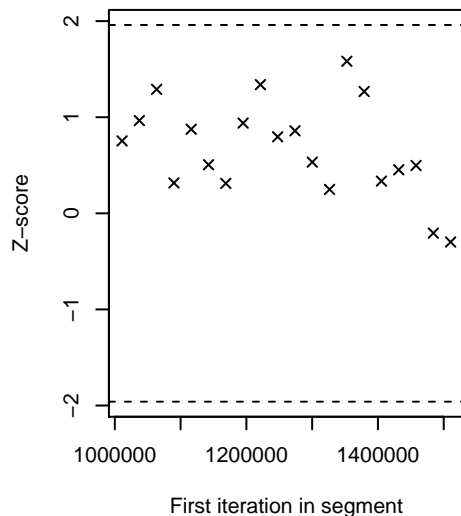
N.ya[33,1] (chain2)



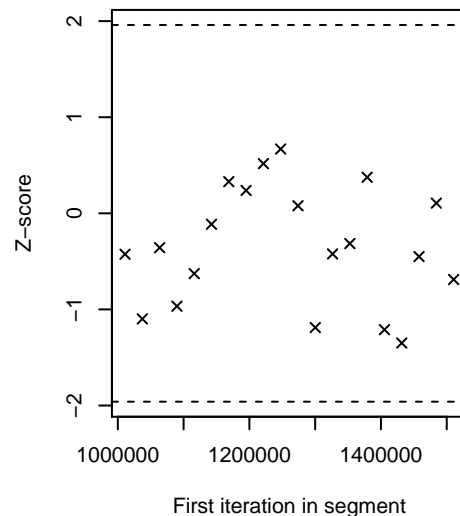
N.ya[34,1] (chain2)



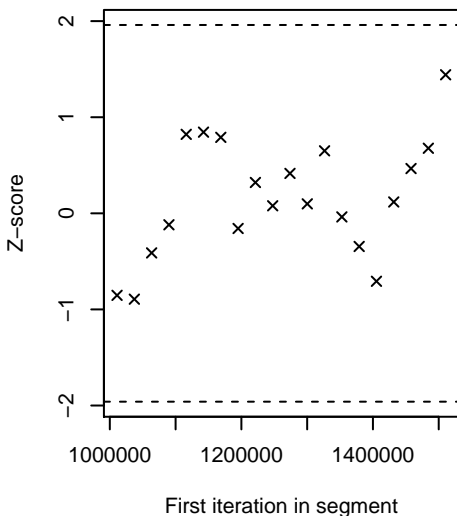
N.ya[35,1] (chain2)



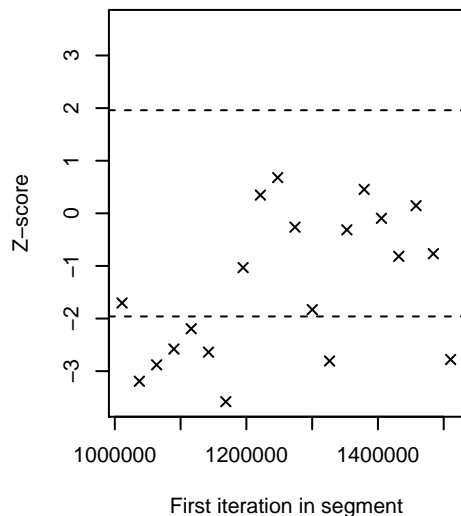
N.ya[36,1] (chain2)



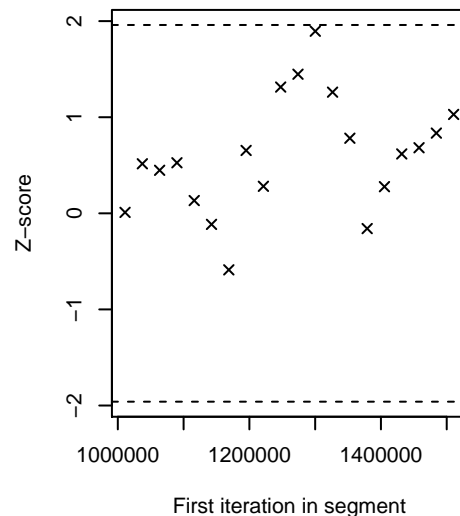
N.ya[37,1] (chain2)

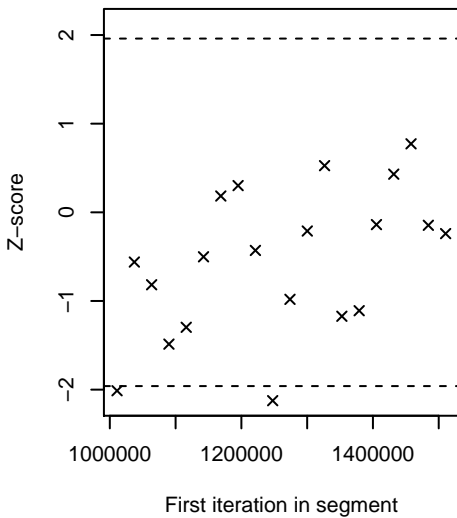
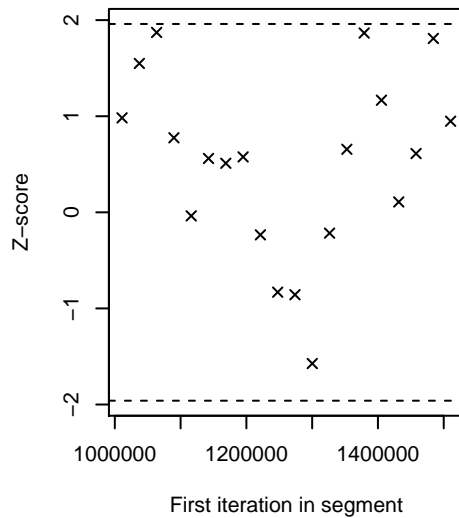
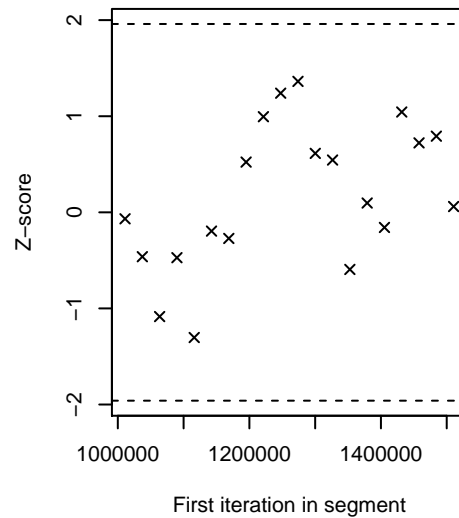
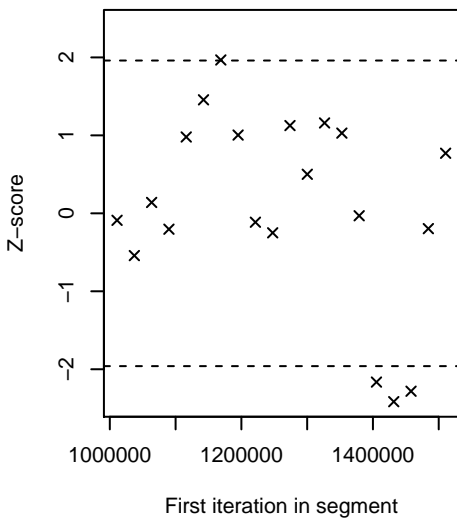
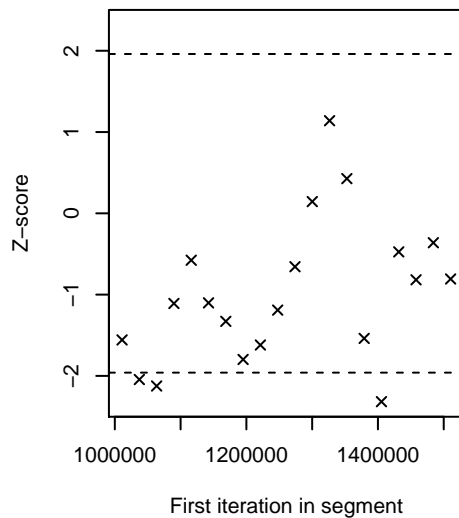
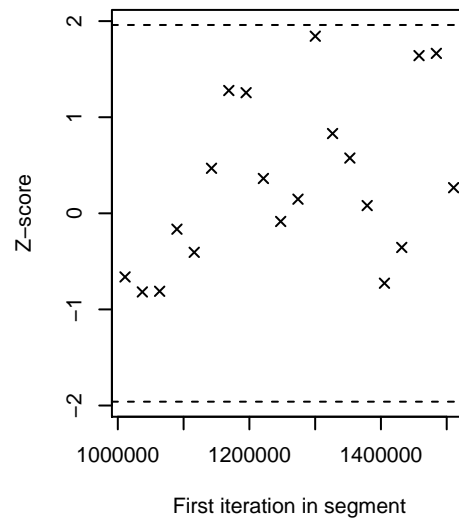
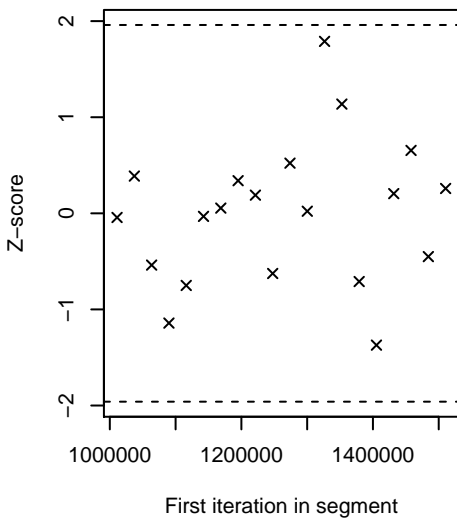
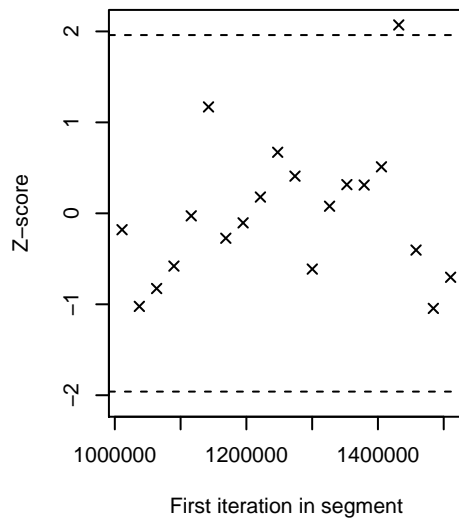
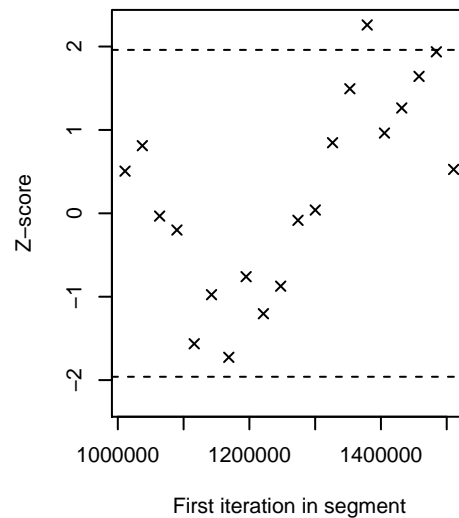


N.ya[1,2] (chain2)

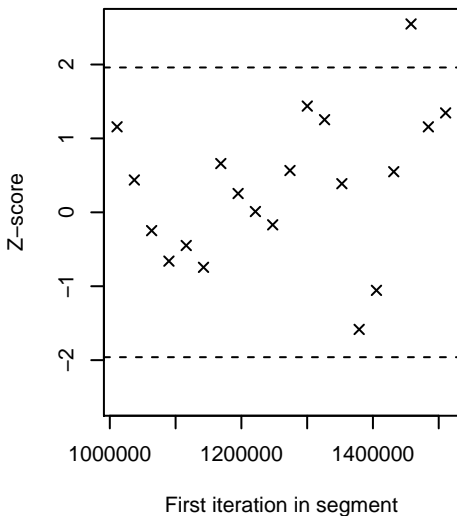


N.ya[2,2] (chain2)

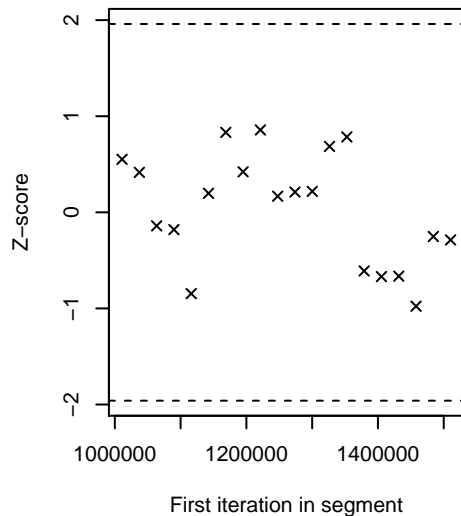


N.ya[3,2] (chain2)**N.ya[4,2] (chain2)****N.ya[5,2] (chain2)****N.ya[6,2] (chain2)****N.ya[7,2] (chain2)****N.ya[8,2] (chain2)****N.ya[9,2] (chain2)****N.ya[10,2] (chain2)****N.ya[11,2] (chain2)**

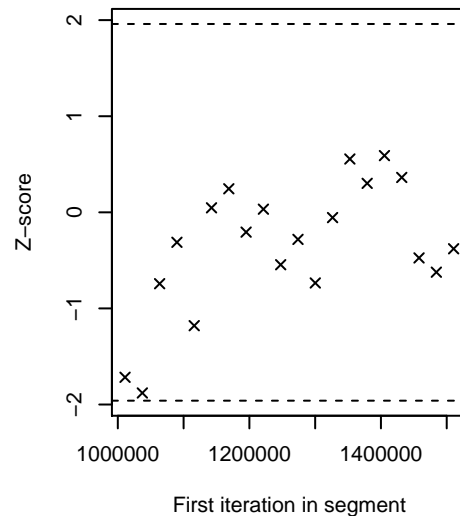
N.ya[12,2] (chain2)



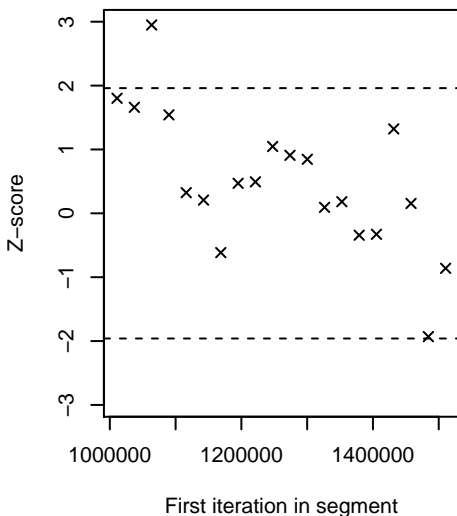
N.ya[13,2] (chain2)



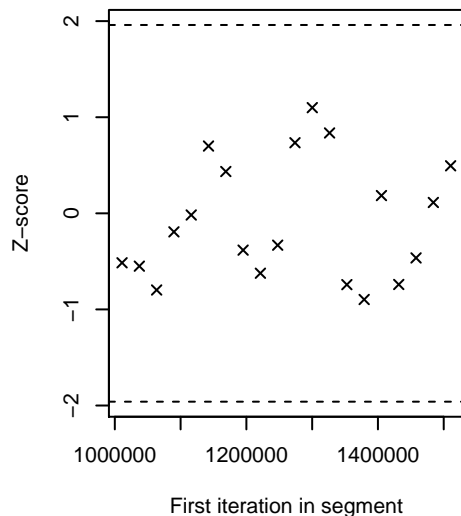
N.ya[14,2] (chain2)



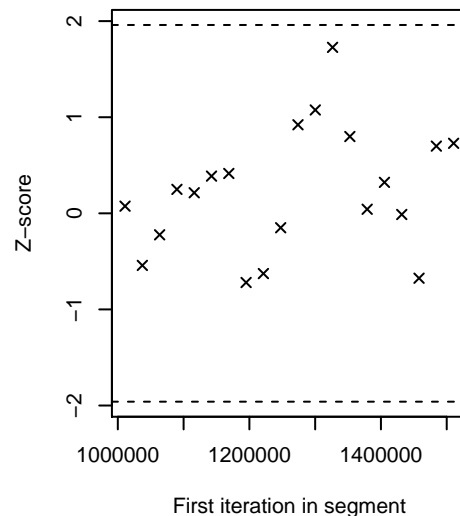
N.ya[15,2] (chain2)



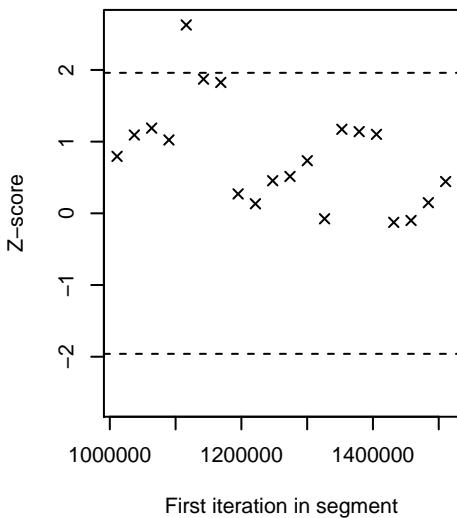
N.ya[16,2] (chain2)



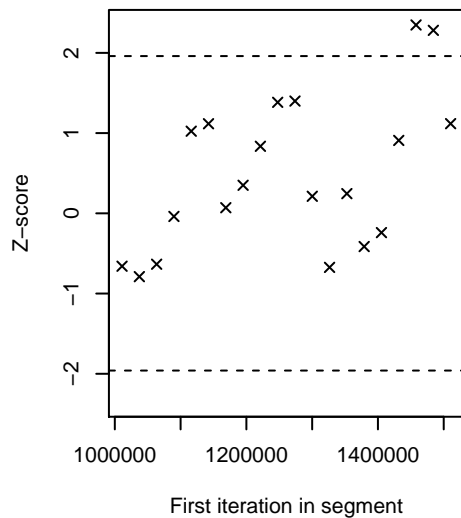
N.ya[17,2] (chain2)



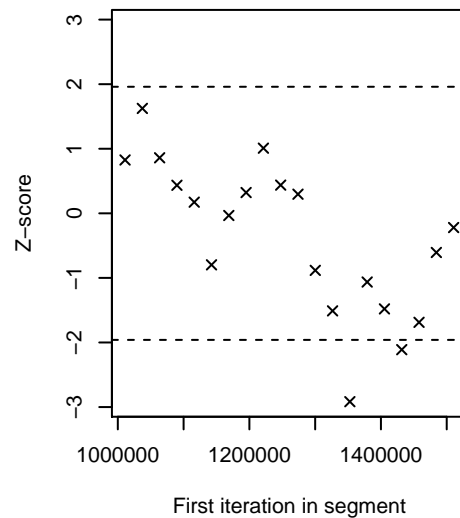
N.ya[18,2] (chain2)



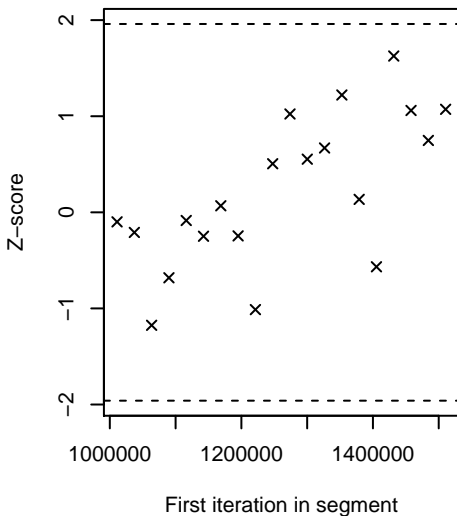
N.ya[19,2] (chain2)



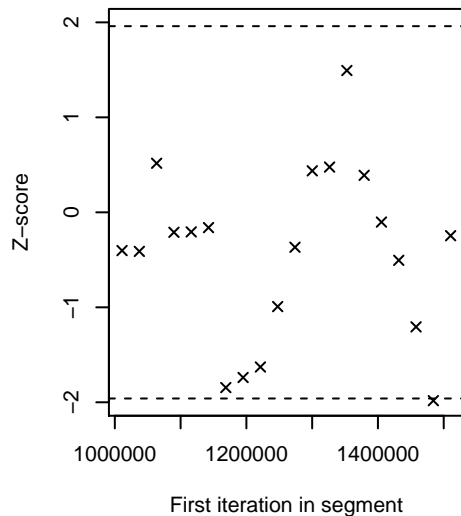
N.ya[20,2] (chain2)



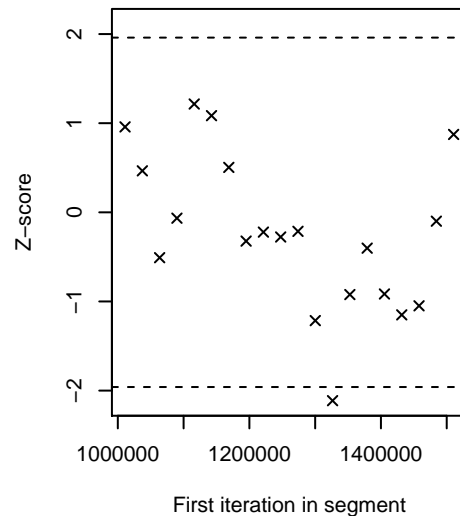
N.ya[21,2] (chain2)



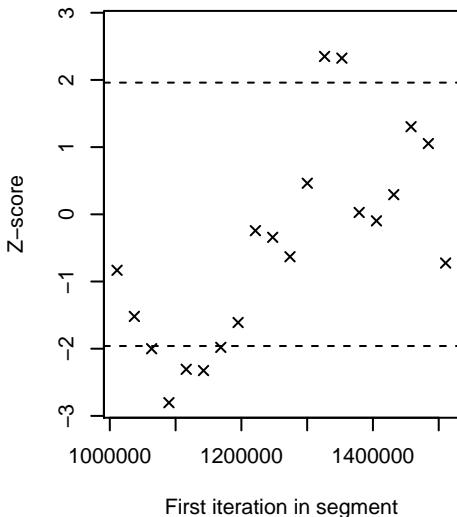
N.ya[22,2] (chain2)



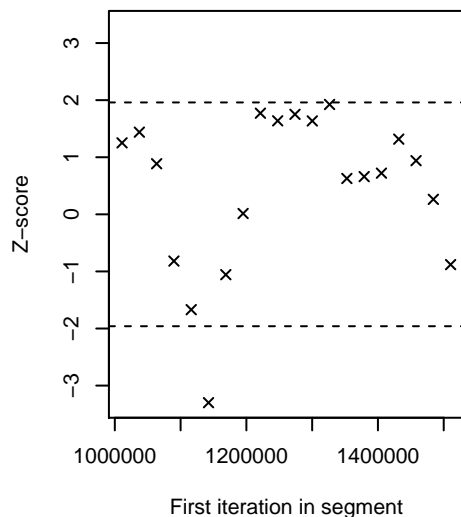
N.ya[23,2] (chain2)



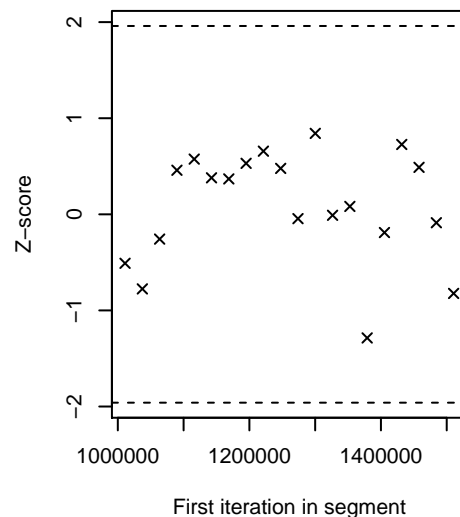
N.ya[24,2] (chain2)



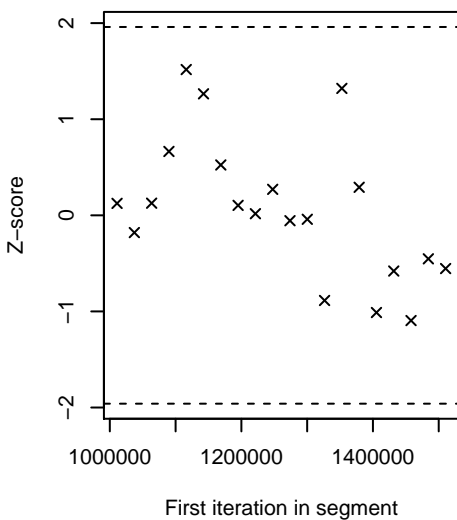
N.ya[25,2] (chain2)



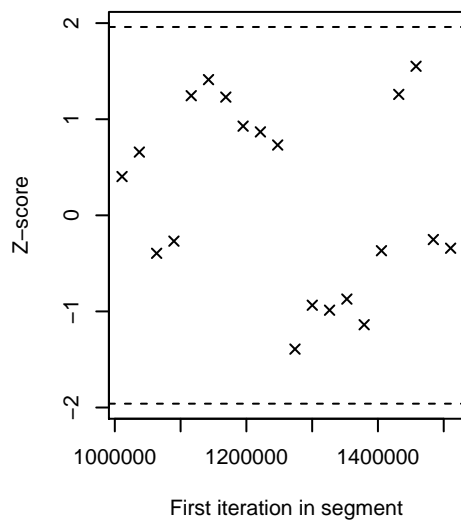
N.ya[26,2] (chain2)



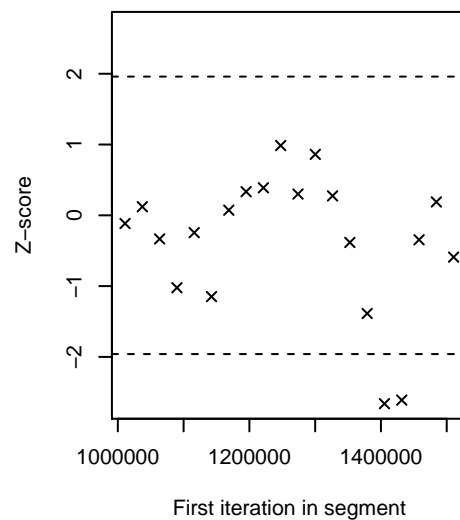
N.ya[27,2] (chain2)



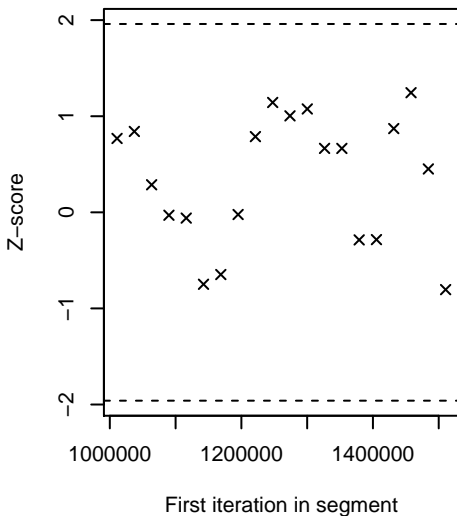
N.ya[28,2] (chain2)



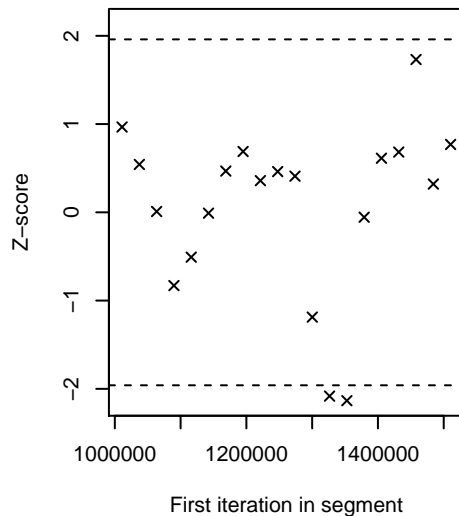
N.ya[29,2] (chain2)



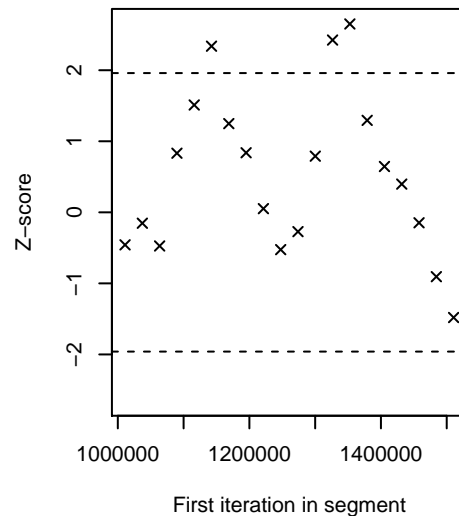
N.ya[30,2] (chain2)



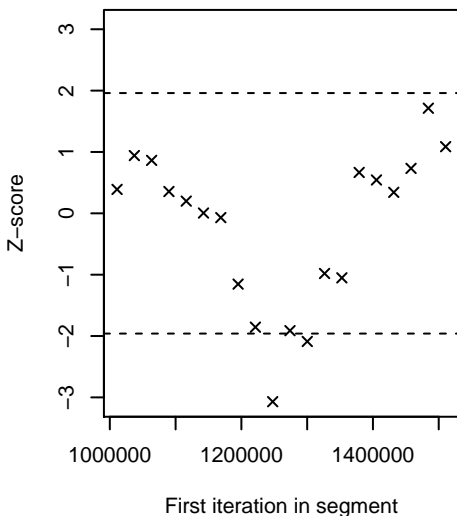
N.ya[31,2] (chain2)



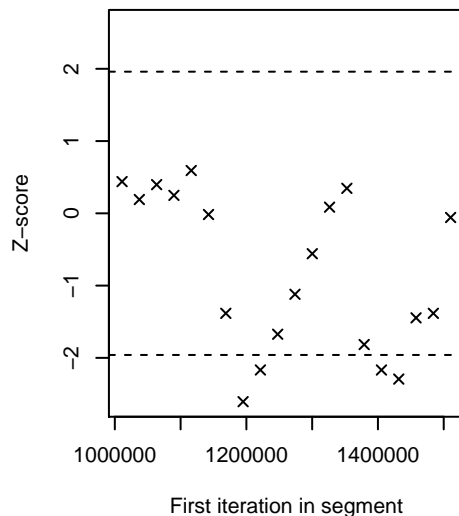
N.ya[32,2] (chain2)



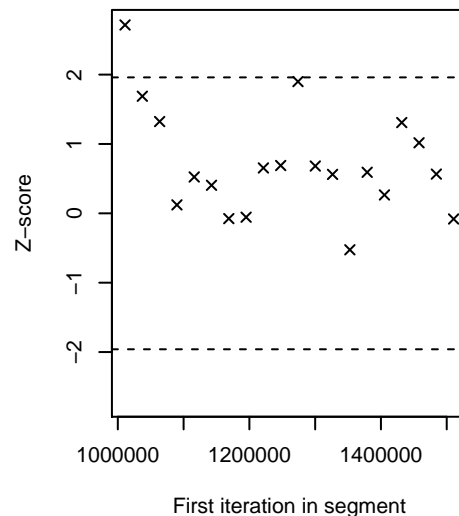
N.ya[33,2] (chain2)



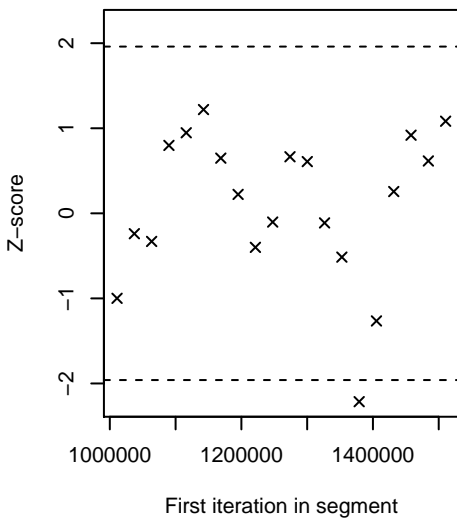
N.ya[34,2] (chain2)



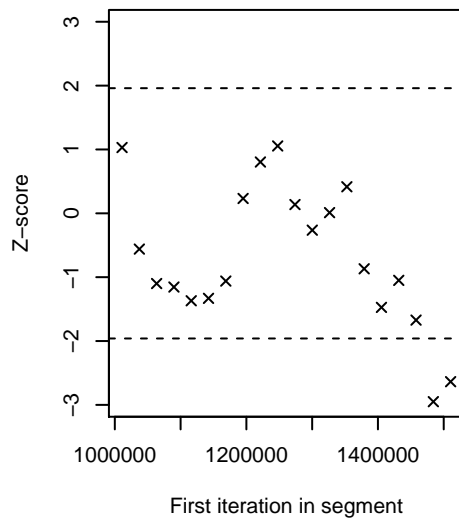
N.ya[35,2] (chain2)



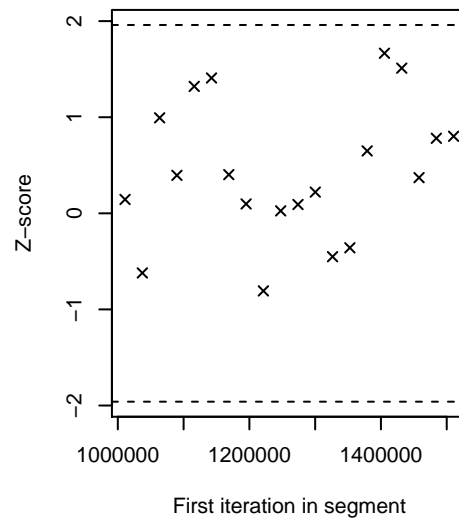
N.ya[36,2] (chain2)

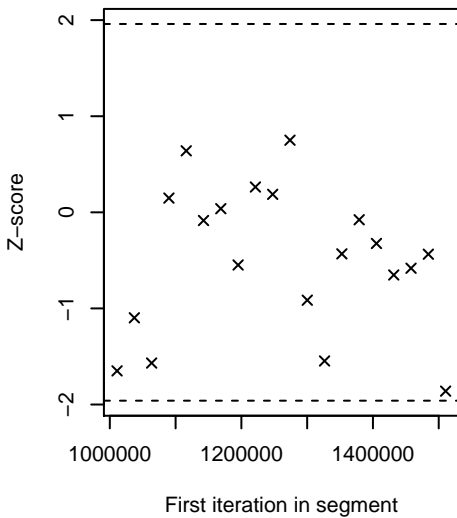
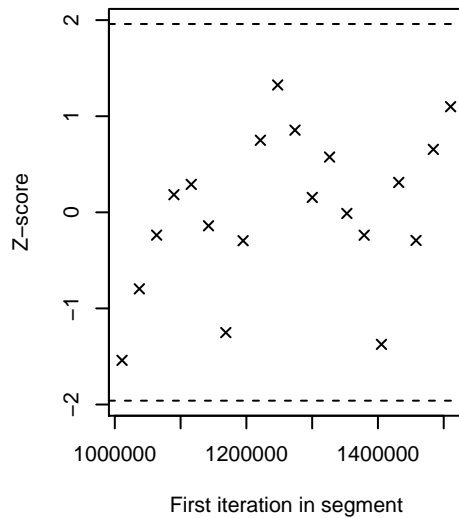
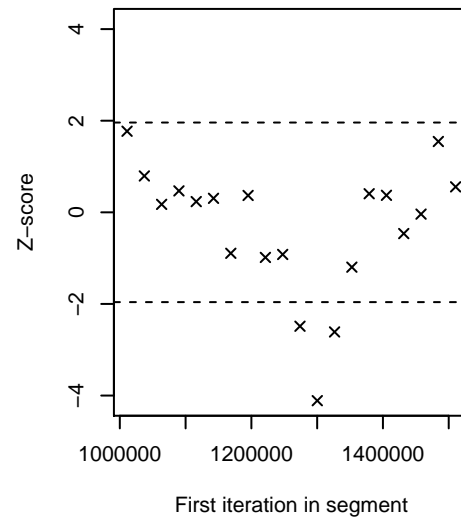
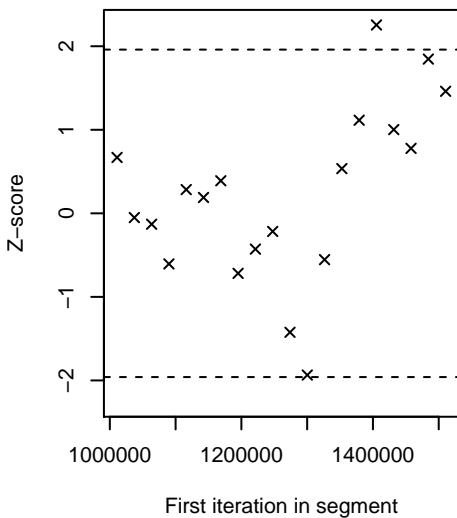
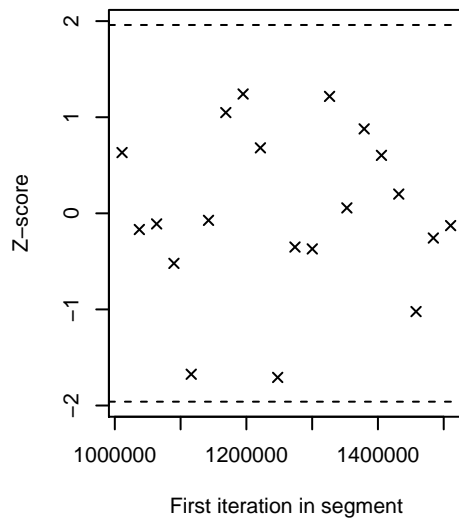
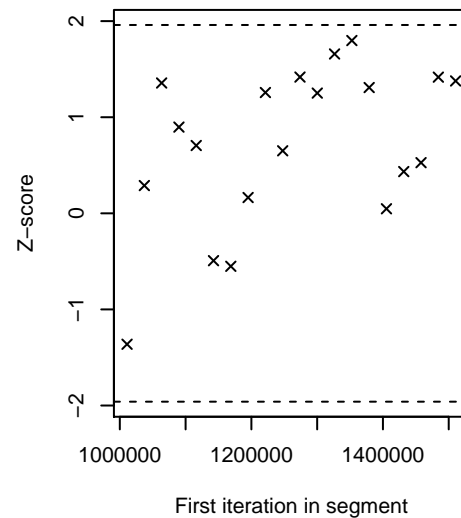
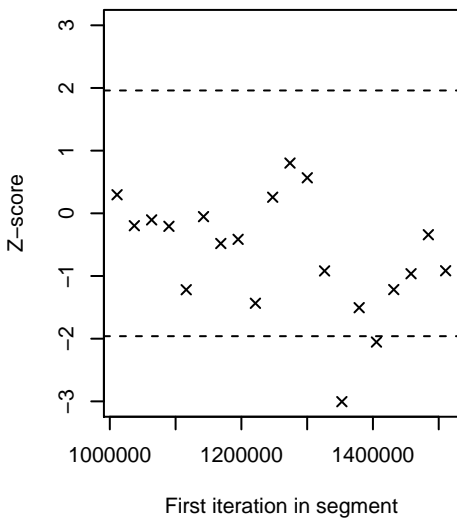
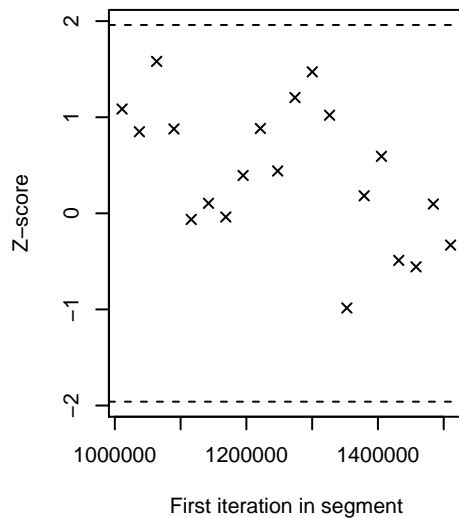
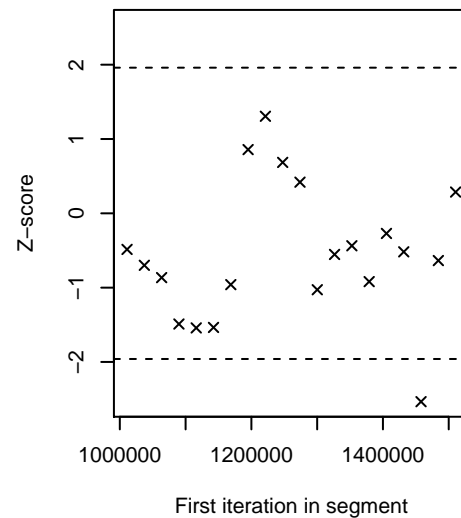


N.ya[37,2] (chain2)

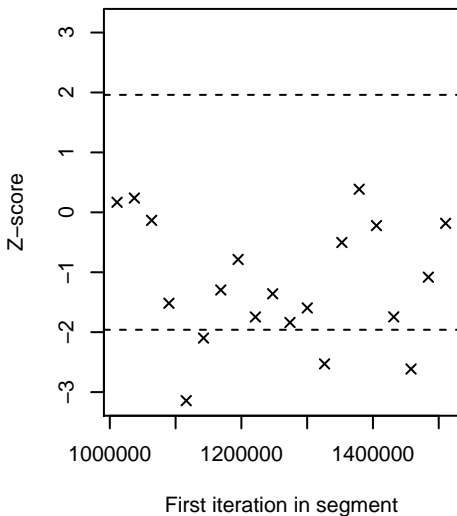


N.ya[1,3] (chain2)

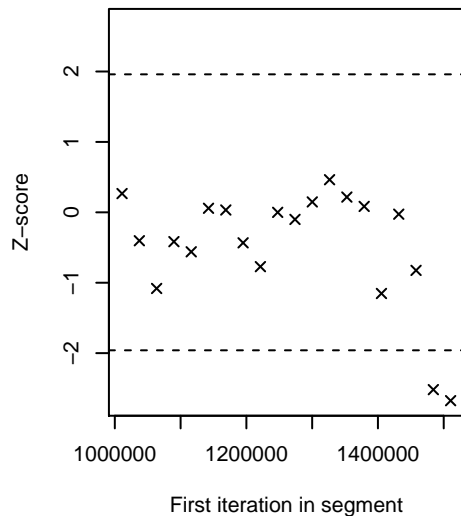


N.ya[2,3] (chain2)**N.ya[3,3] (chain2)****N.ya[4,3] (chain2)****N.ya[5,3] (chain2)****N.ya[6,3] (chain2)****N.ya[7,3] (chain2)****N.ya[8,3] (chain2)****N.ya[9,3] (chain2)****N.ya[10,3] (chain2)**

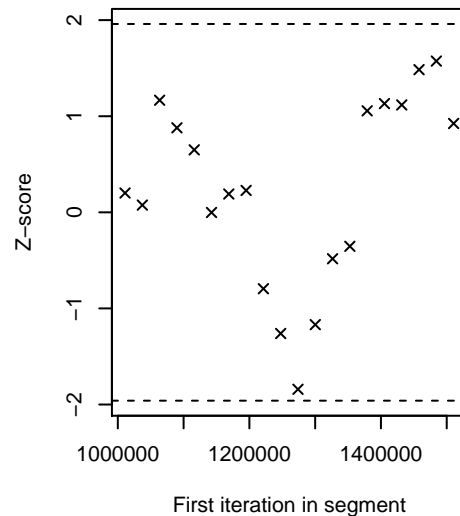
N.ya[11,3] (chain2)



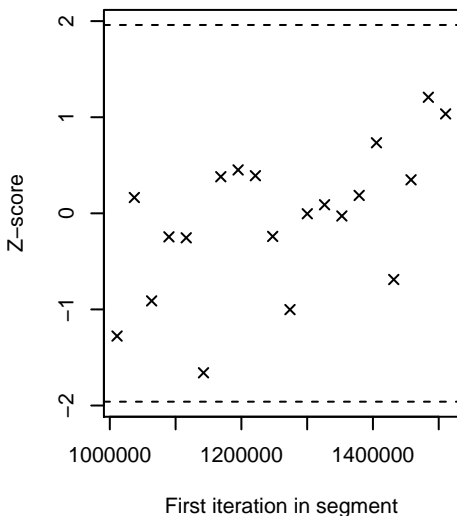
N.ya[12,3] (chain2)



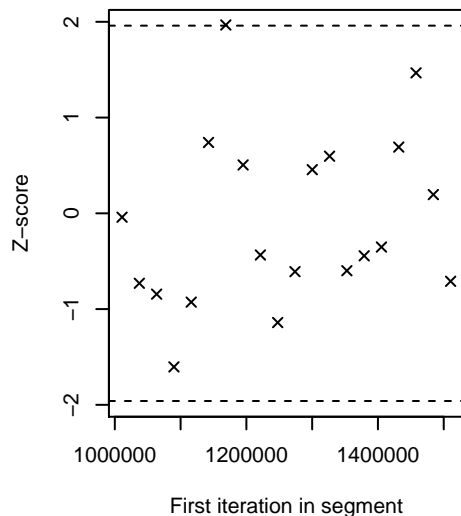
N.ya[13,3] (chain2)



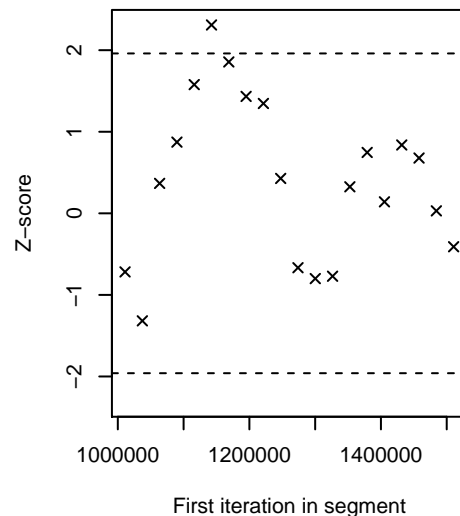
N.ya[14,3] (chain2)



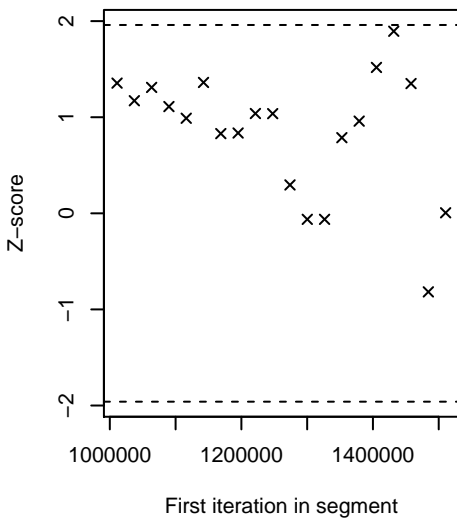
N.ya[15,3] (chain2)



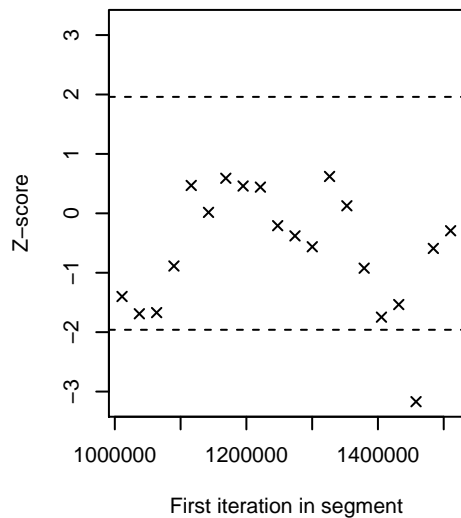
N.ya[16,3] (chain2)



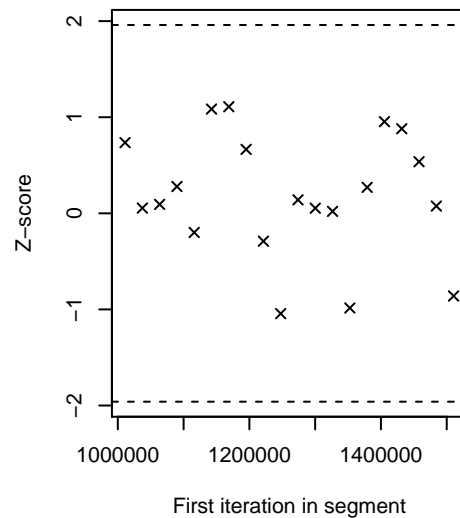
N.ya[17,3] (chain2)



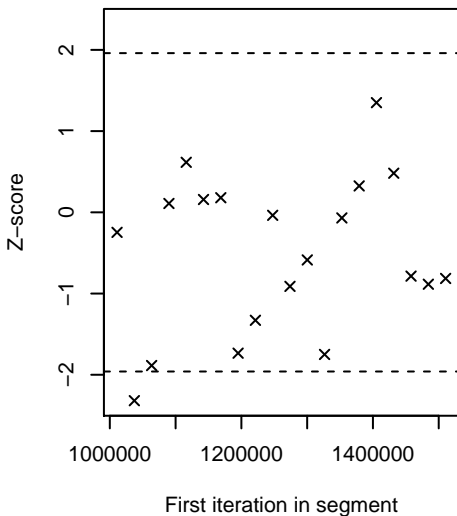
N.ya[18,3] (chain2)



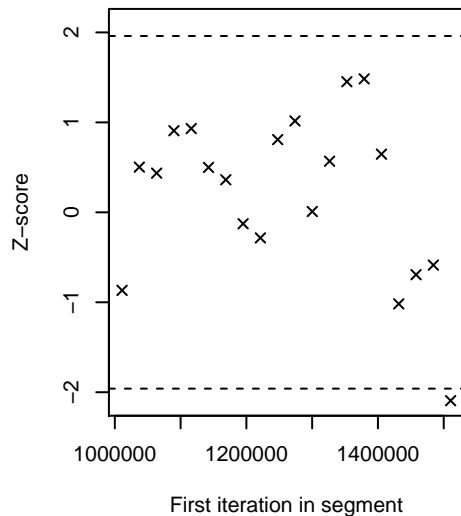
N.ya[19,3] (chain2)



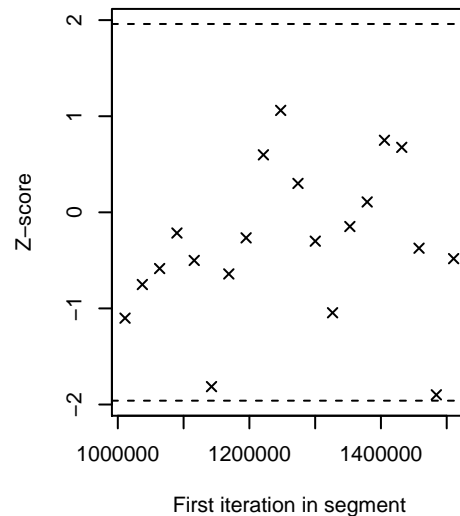
N.ya[20,3] (chain2)



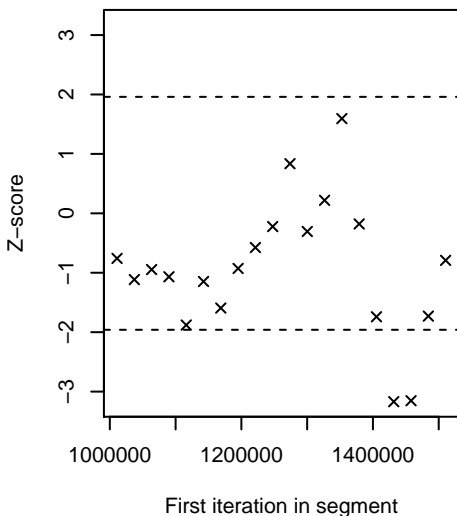
N.ya[21,3] (chain2)



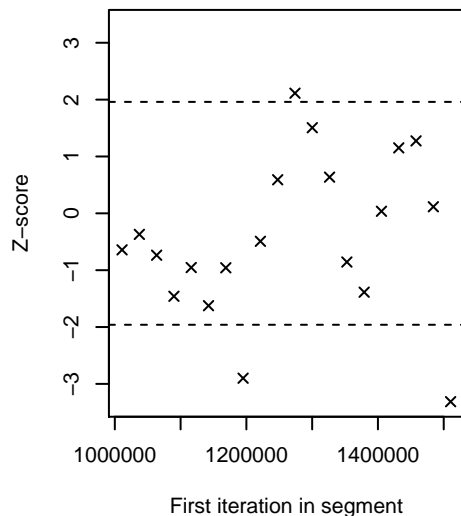
N.ya[22,3] (chain2)



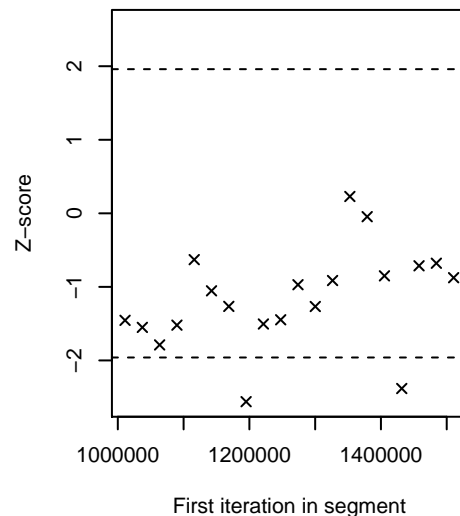
N.ya[23,3] (chain2)



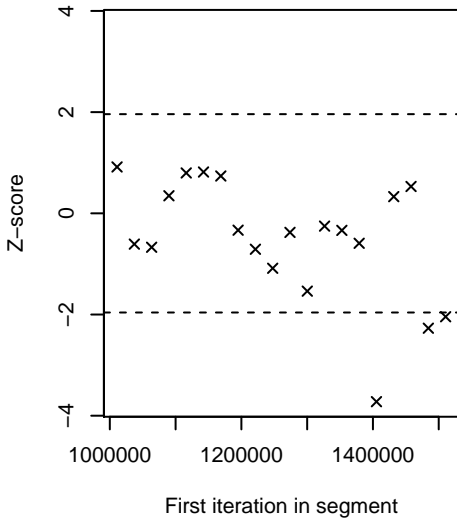
N.ya[24,3] (chain2)



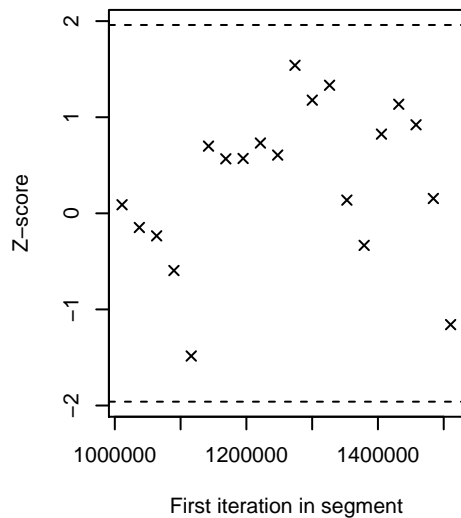
N.ya[25,3] (chain2)



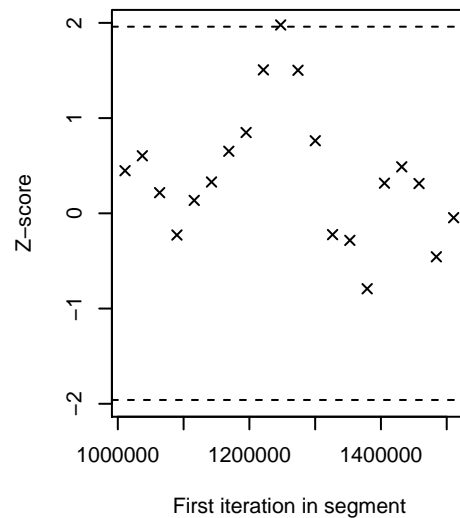
N.ya[26,3] (chain2)



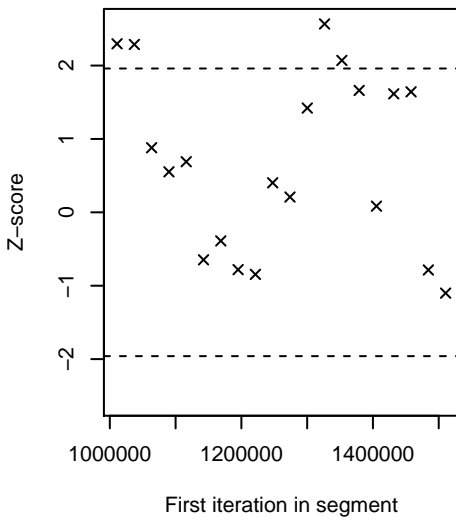
N.ya[27,3] (chain2)



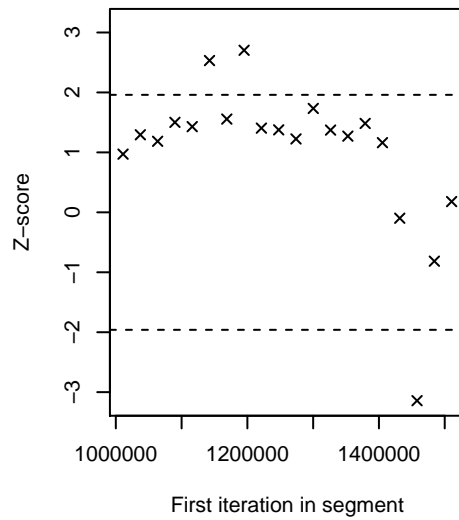
N.ya[28,3] (chain2)



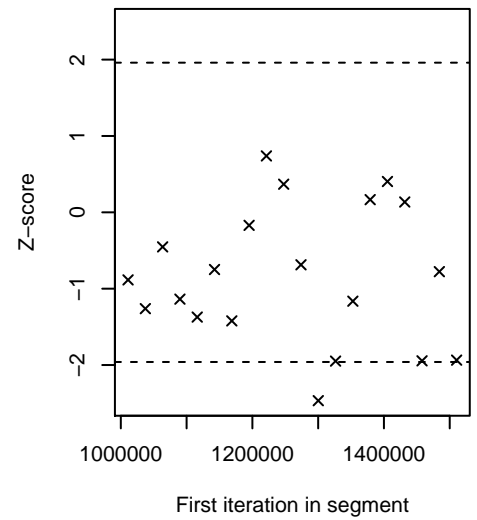
N.ya[29,3] (chain2)



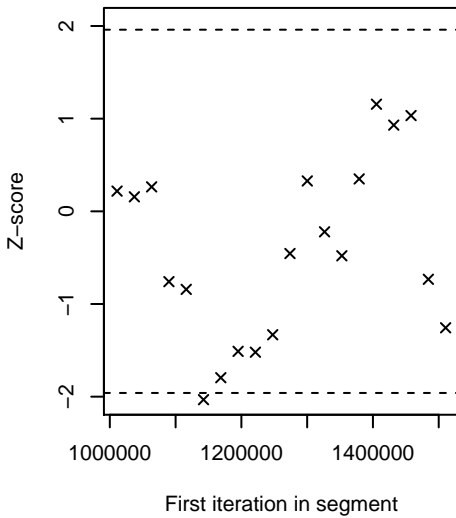
N.ya[30,3] (chain2)



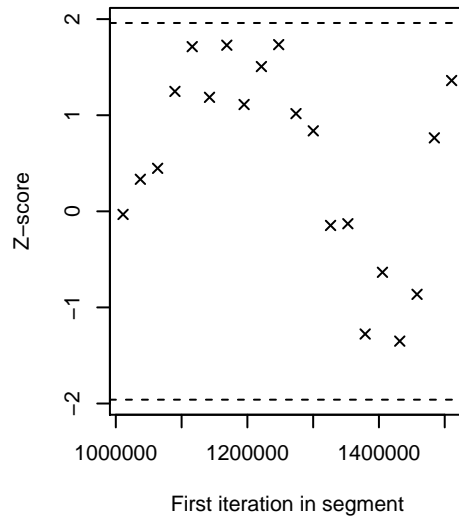
N.ya[31,3] (chain2)



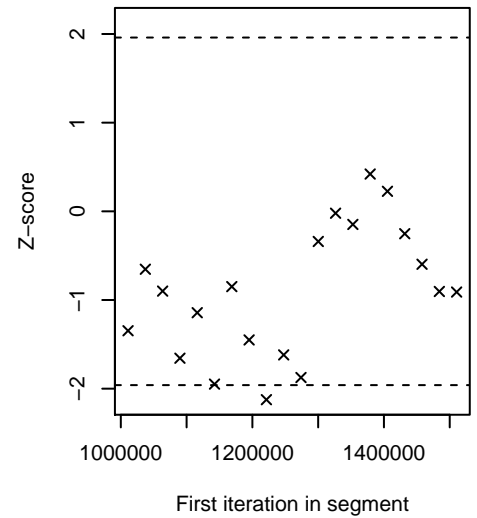
N.ya[32,3] (chain2)



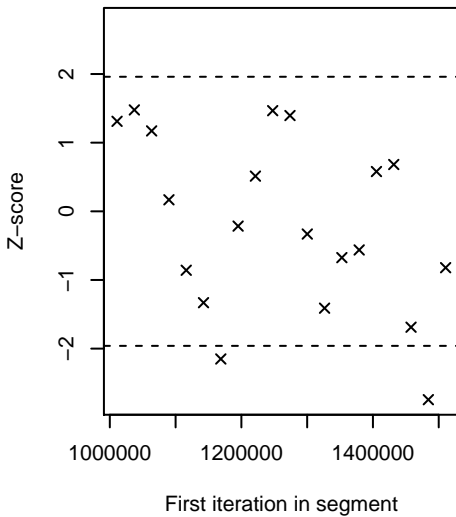
N.ya[33,3] (chain2)



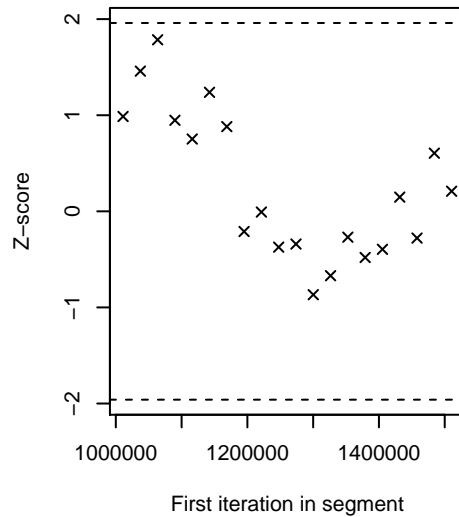
N.ya[34,3] (chain2)



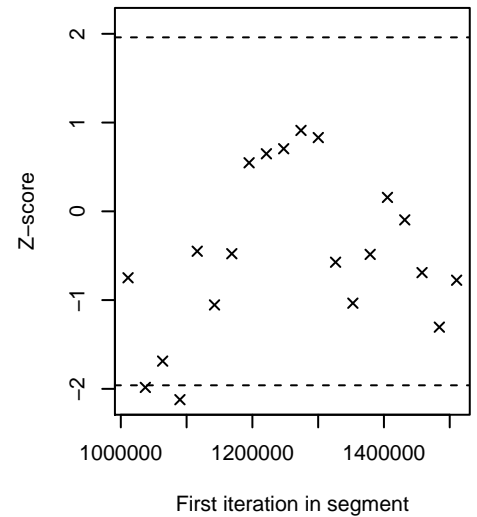
N.ya[35,3] (chain2)

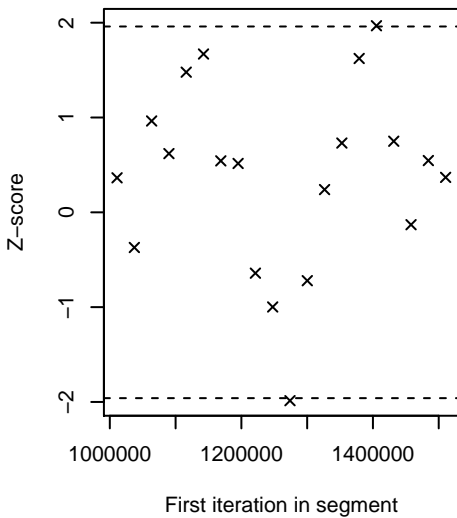
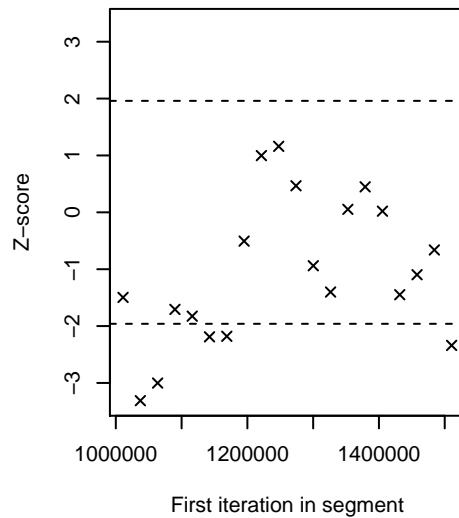
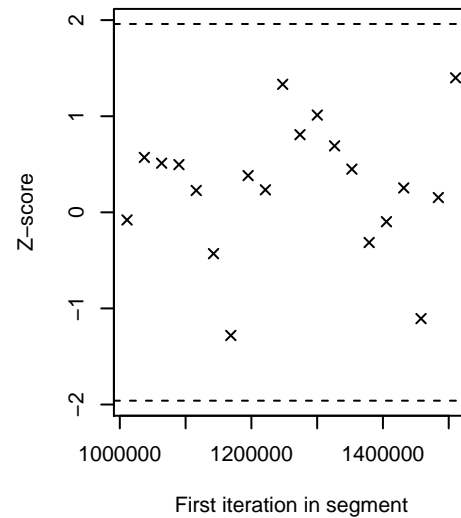
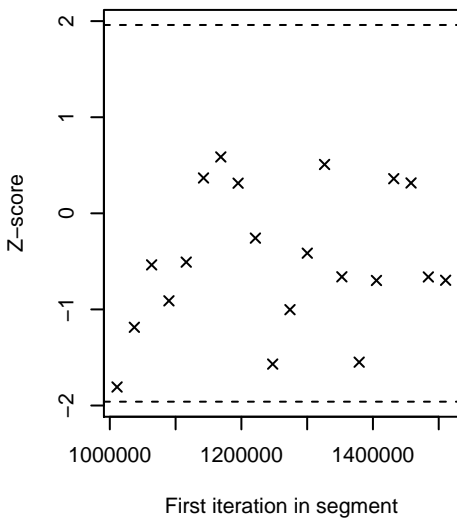
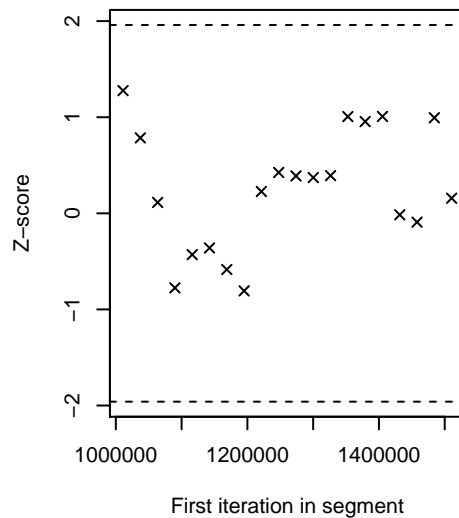
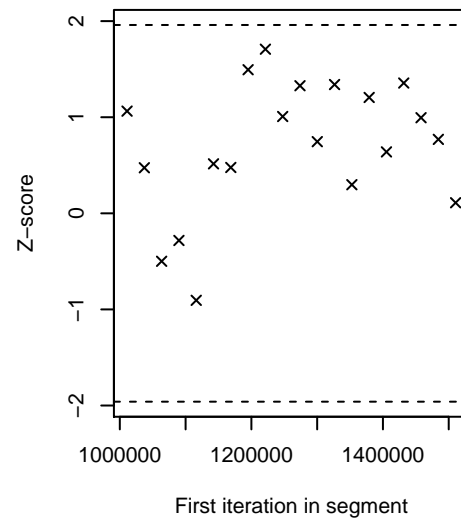
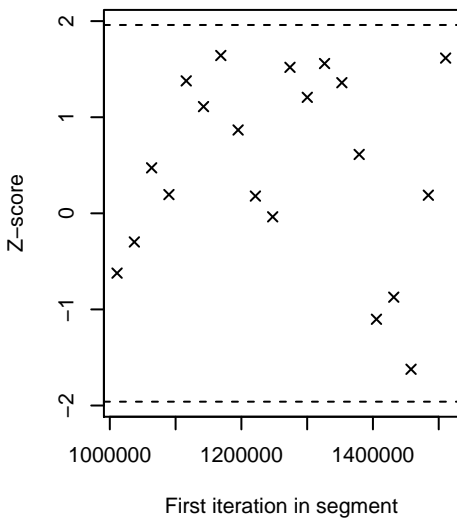
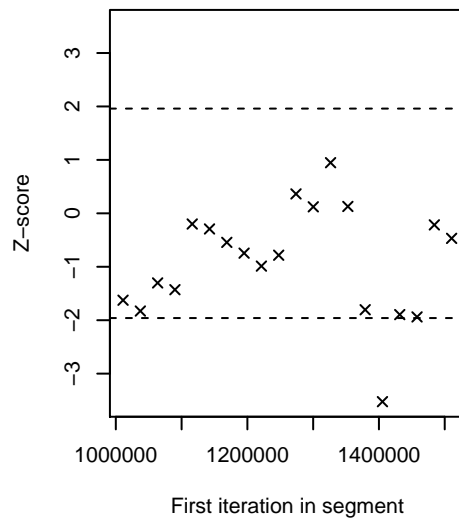
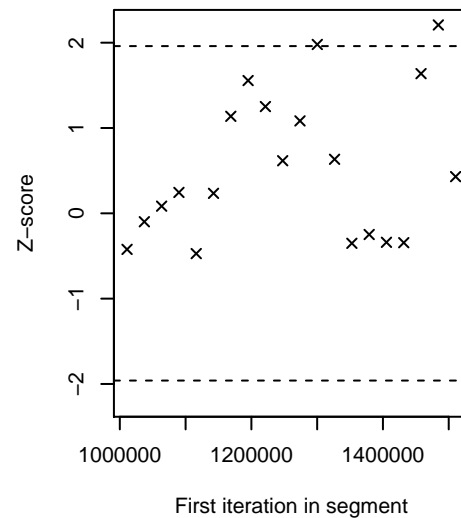


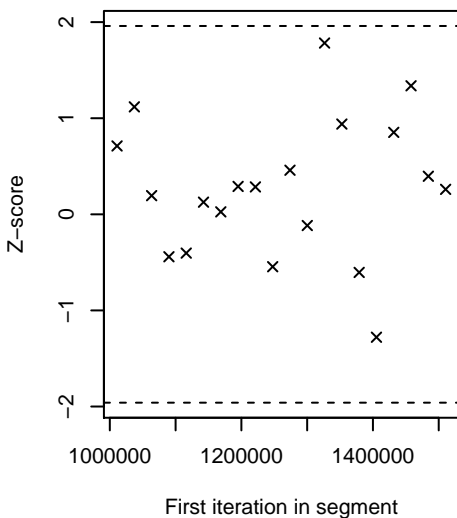
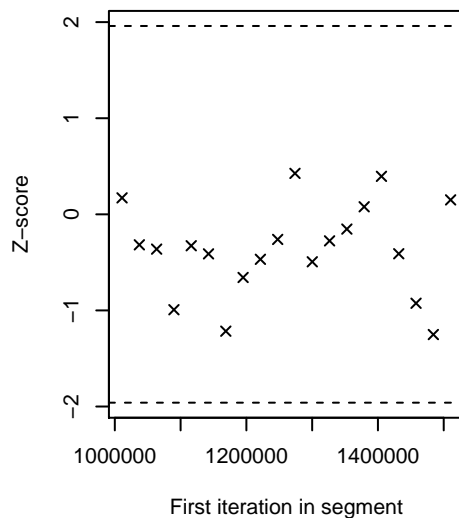
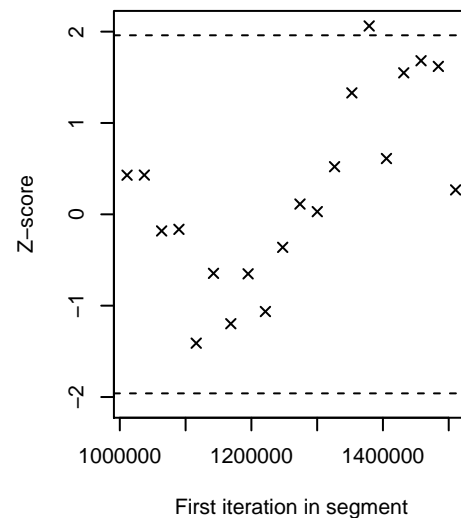
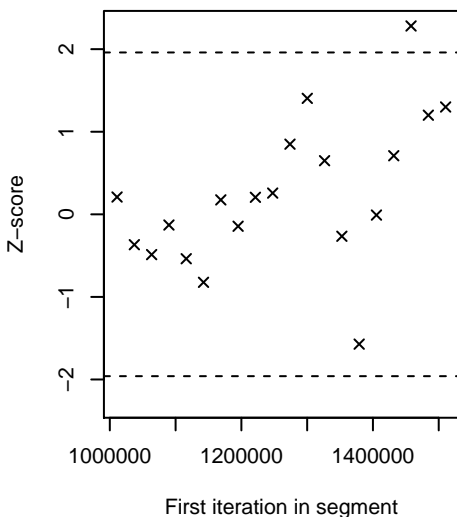
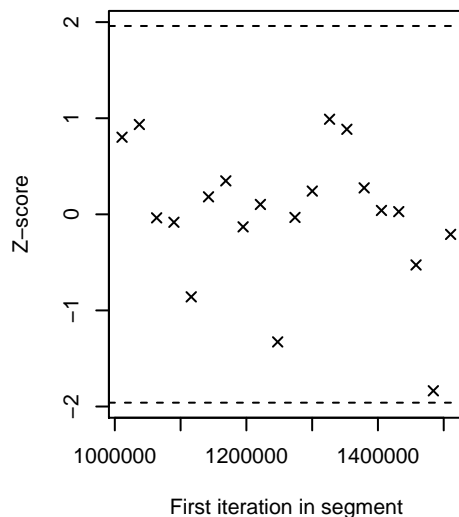
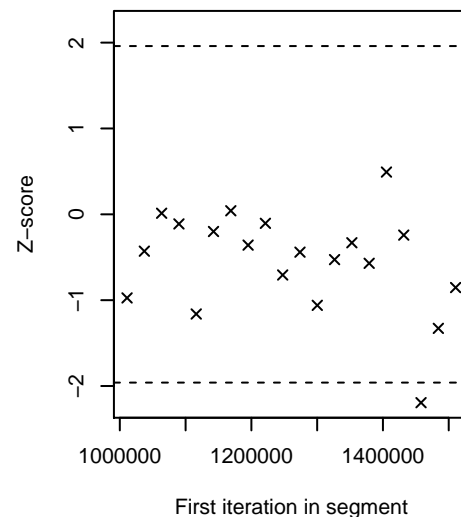
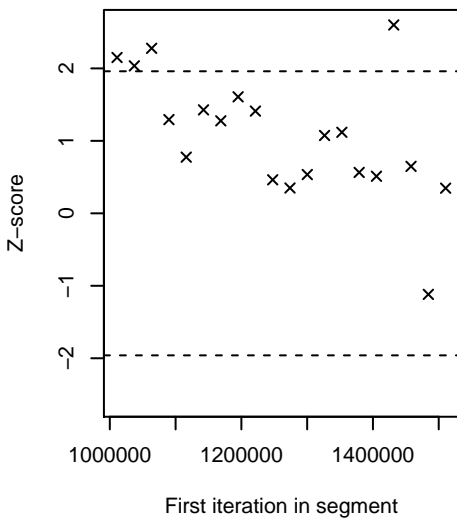
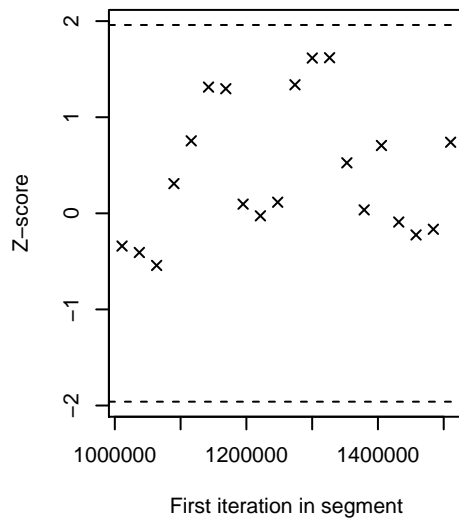
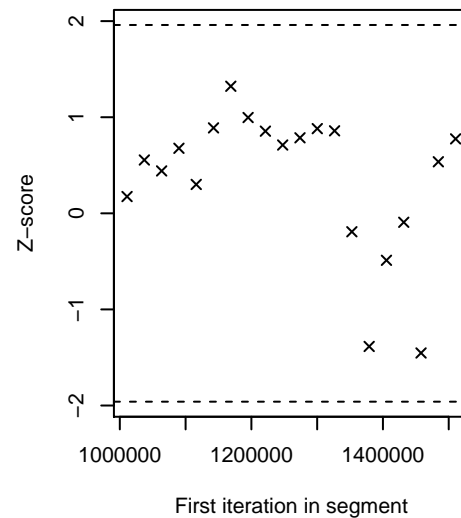
N.ya[36,3] (chain2)

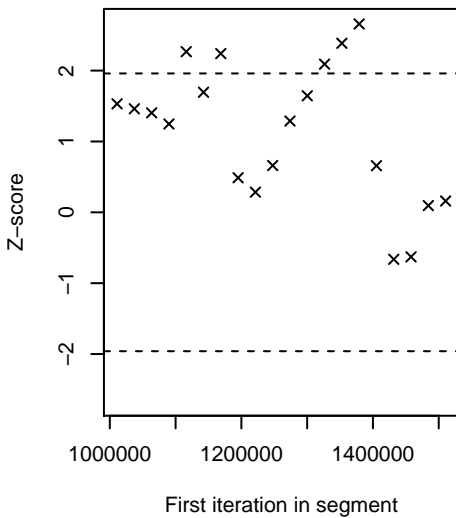
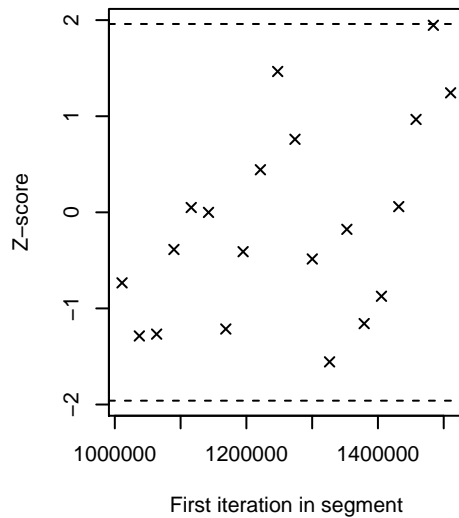
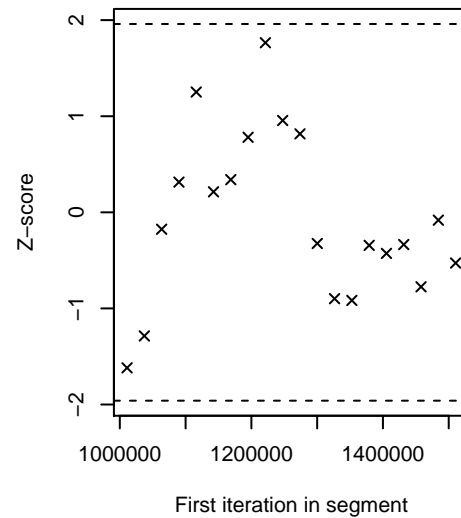
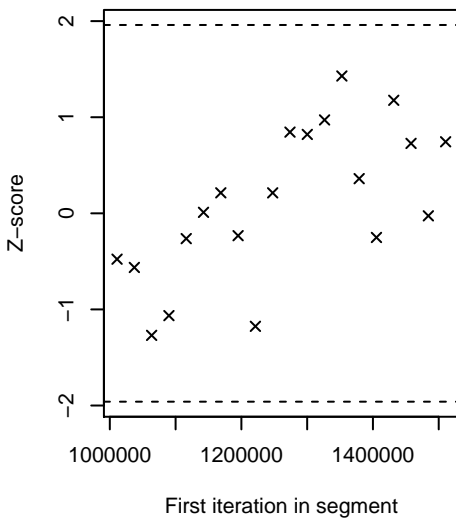
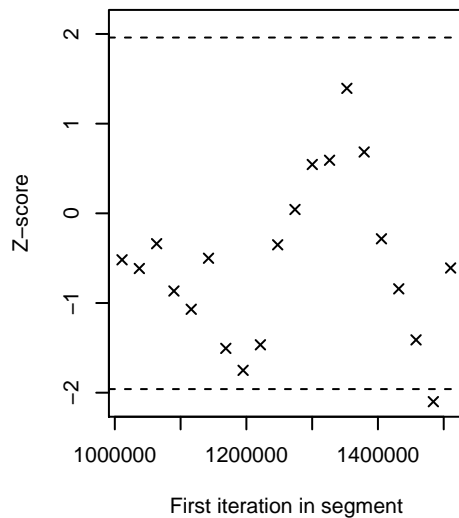
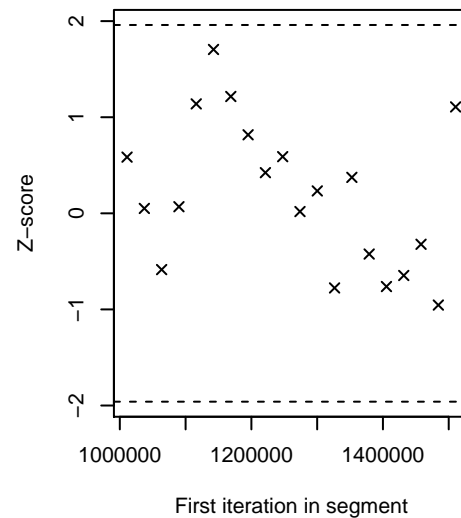
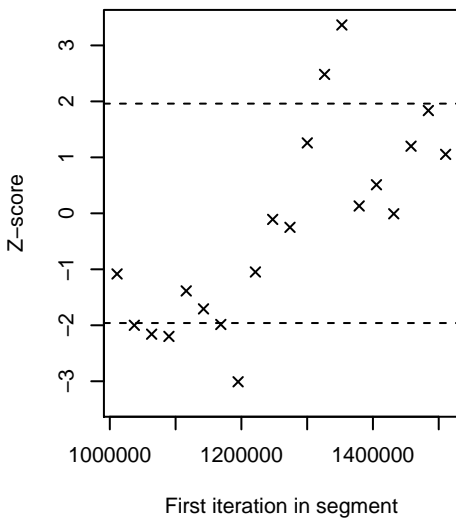
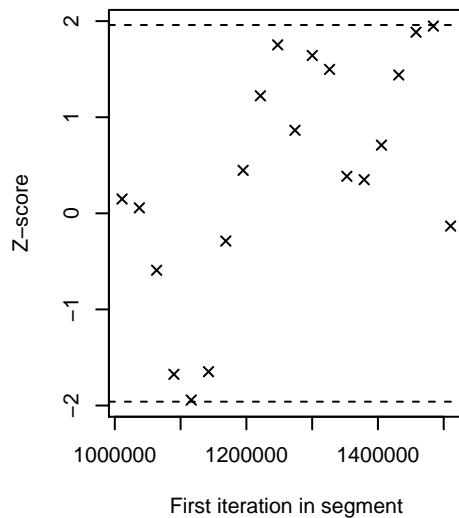
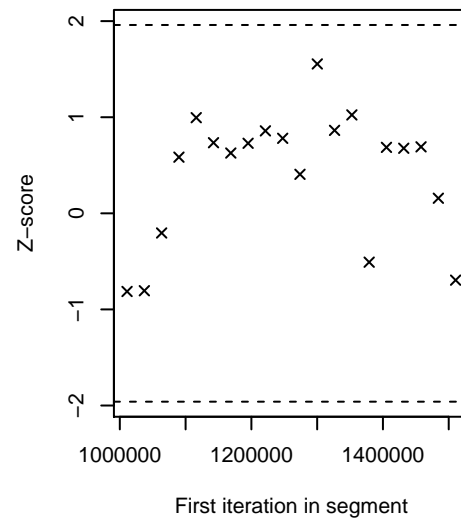


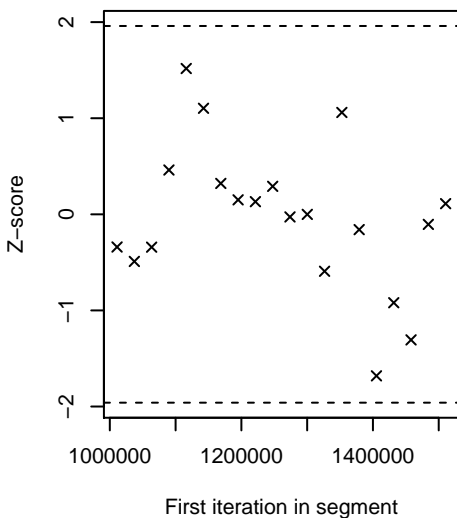
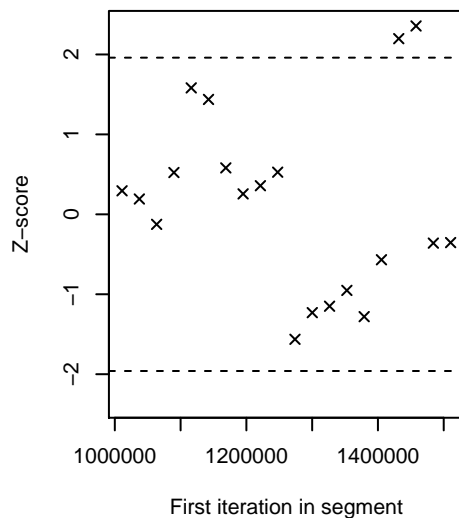
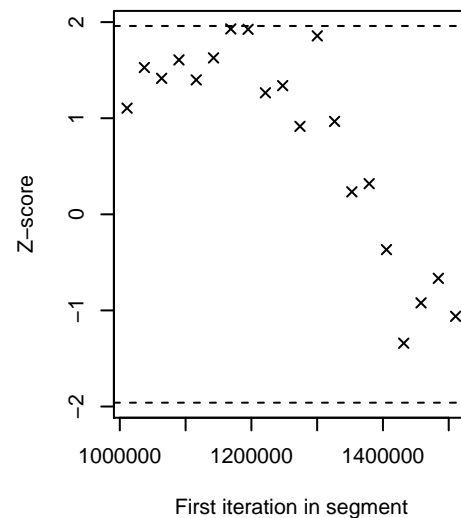
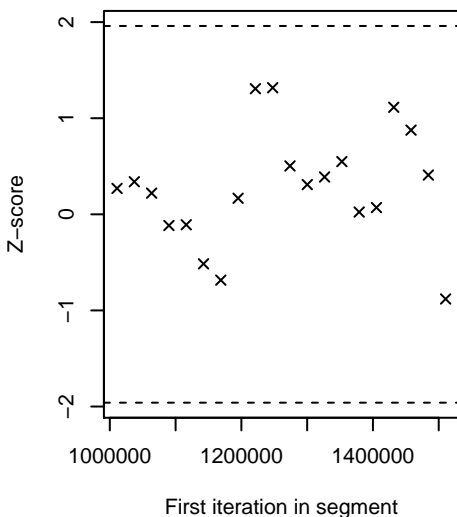
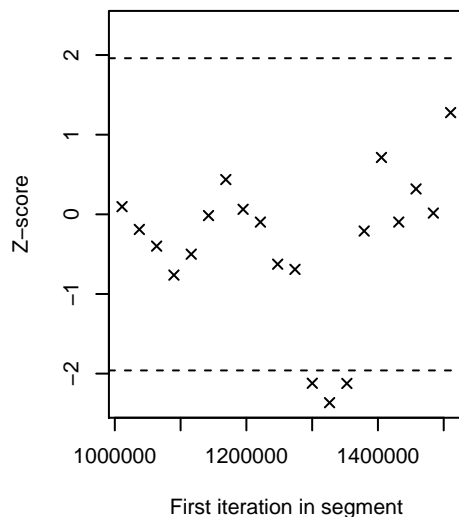
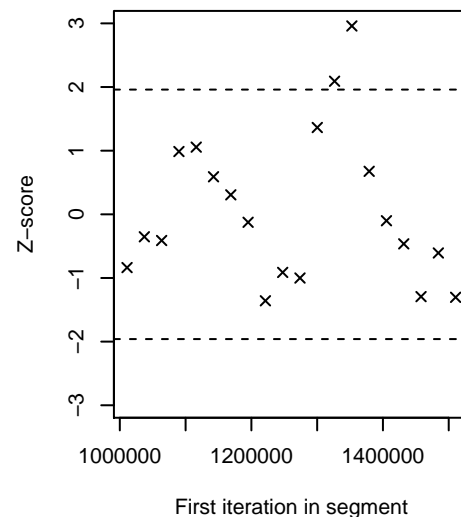
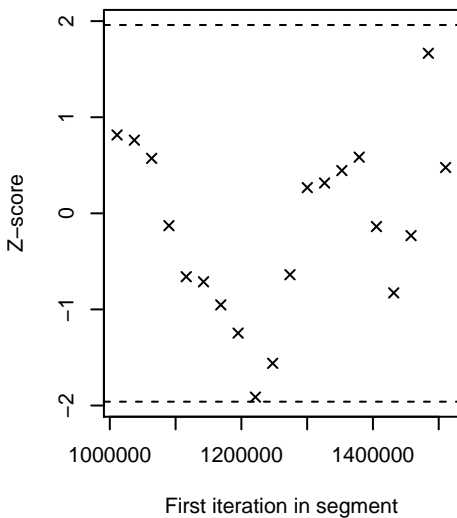
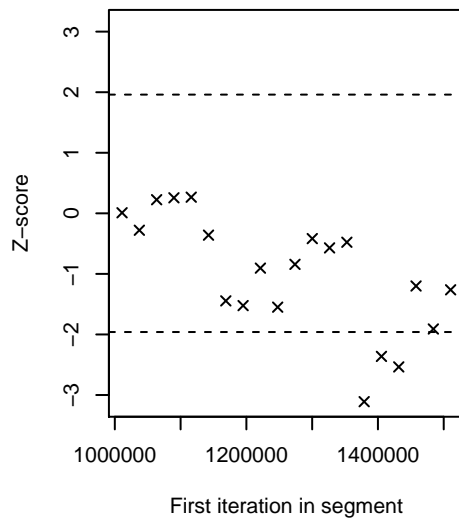
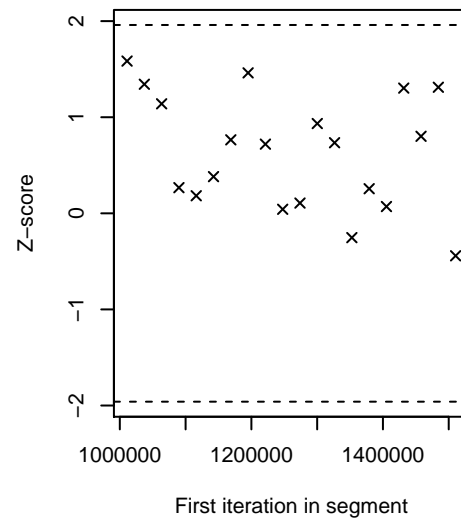
N.ya[37,3] (chain2)

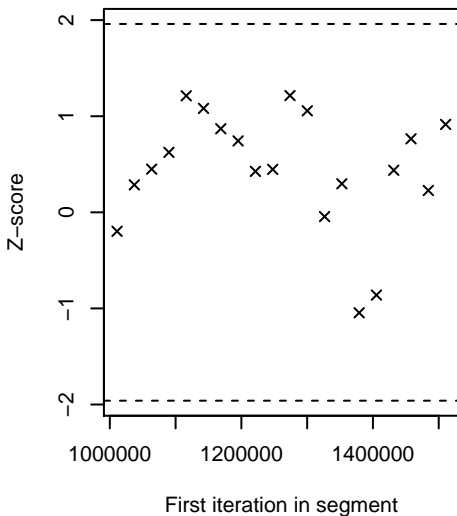
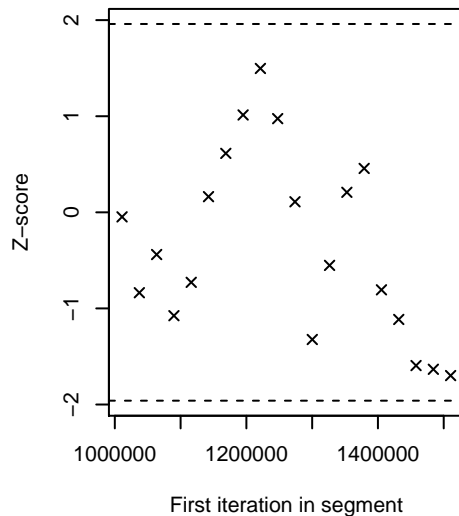
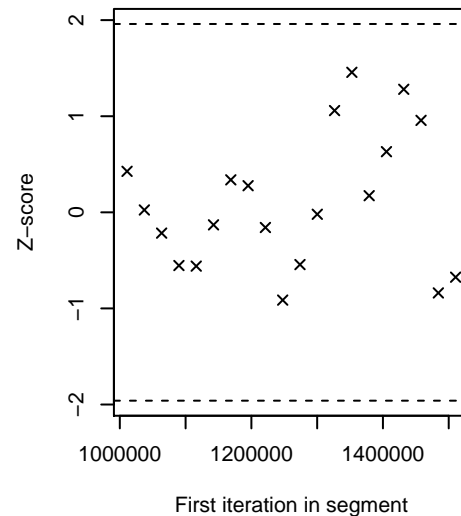
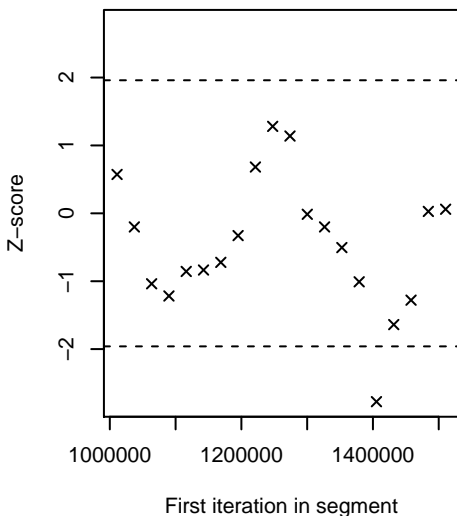
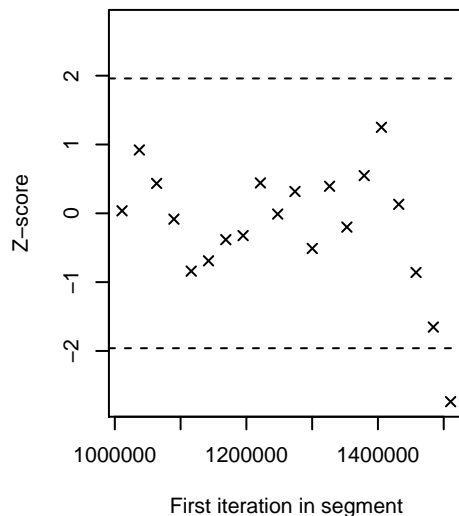
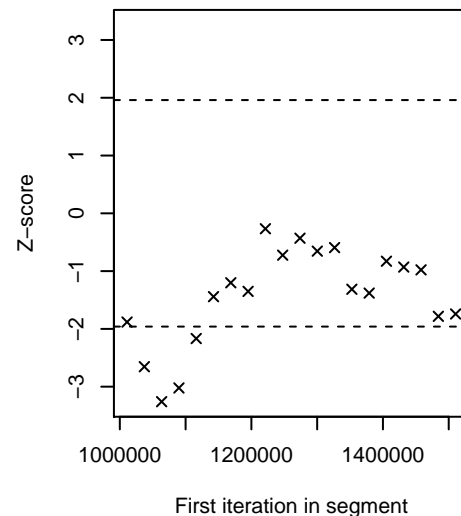
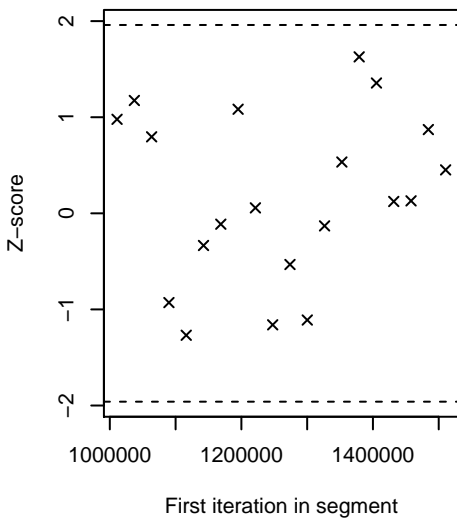
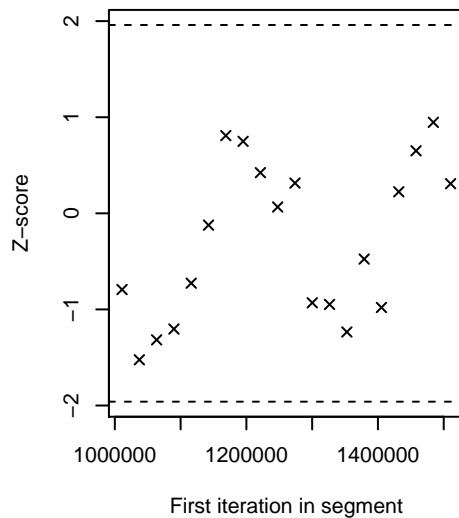
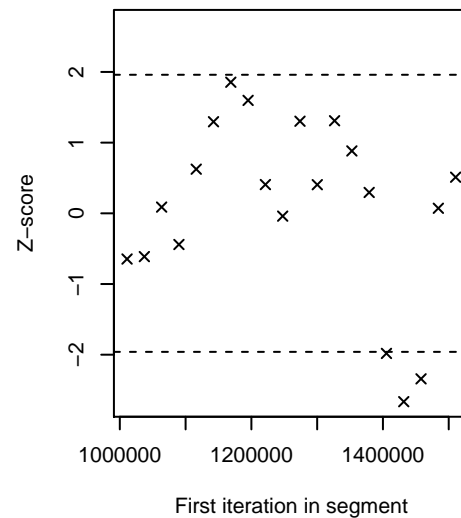


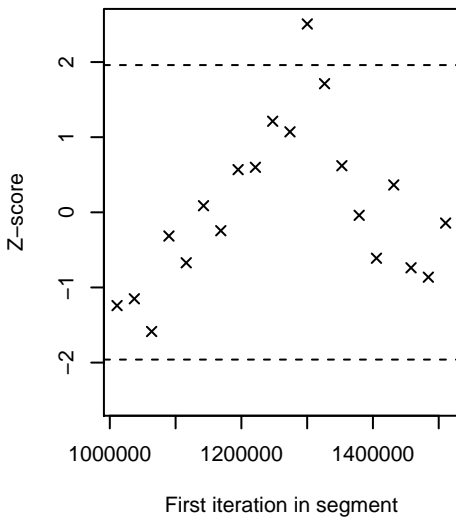
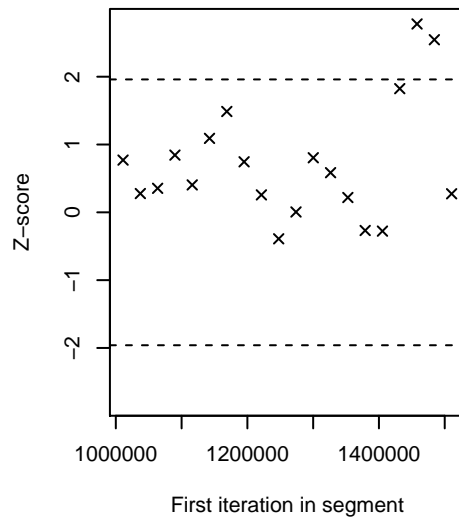
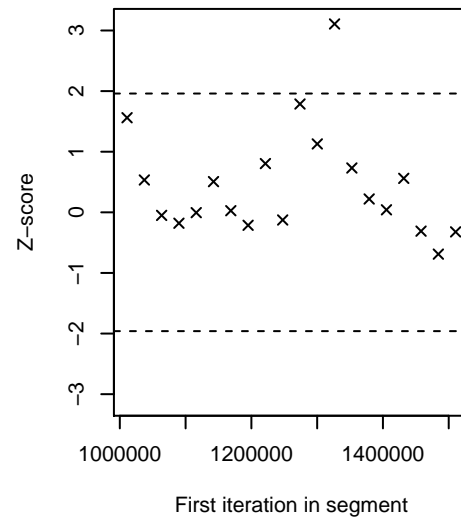
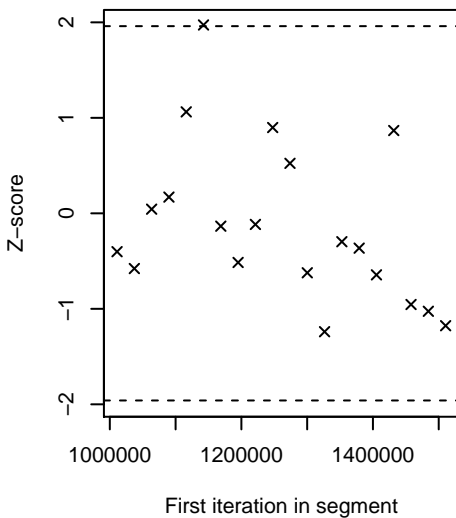
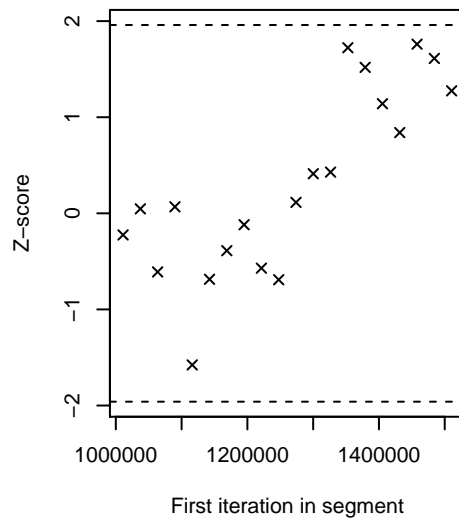
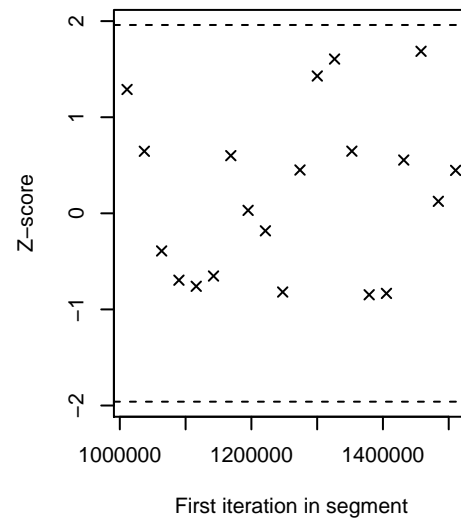
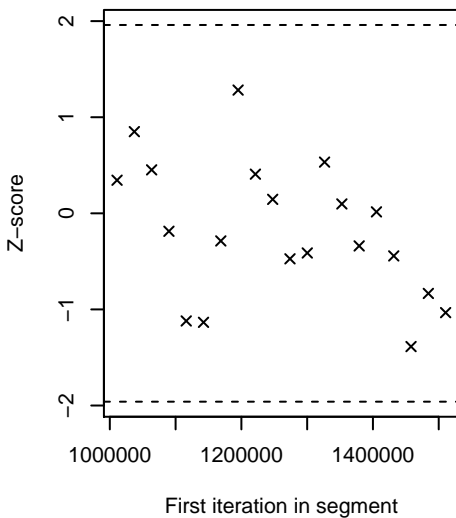
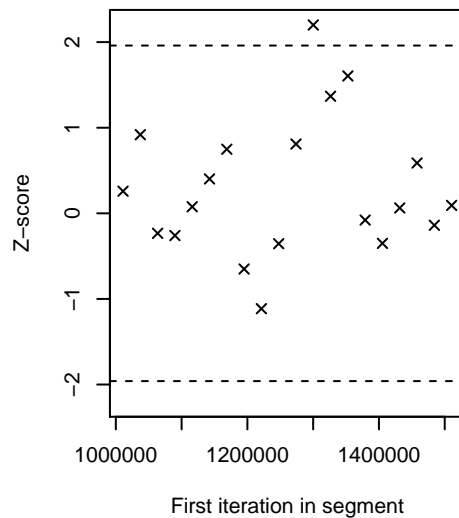
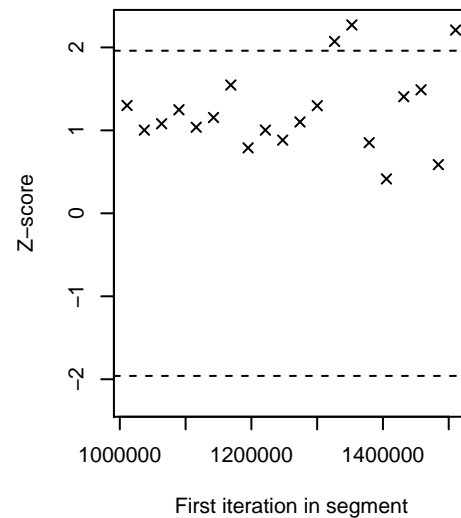
R[1] (chain2)**R[2] (chain2)****R[3] (chain2)****R[4] (chain2)****R[5] (chain2)****R[6] (chain2)****R[7] (chain2)****R[8] (chain2)****R[9] (chain2)**

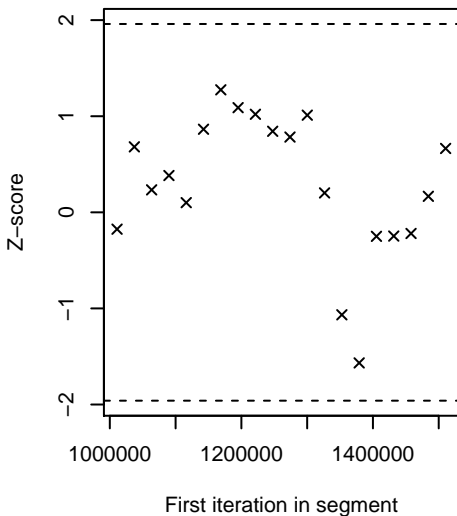
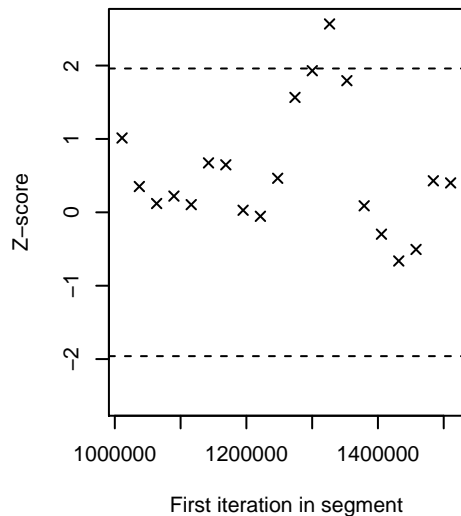
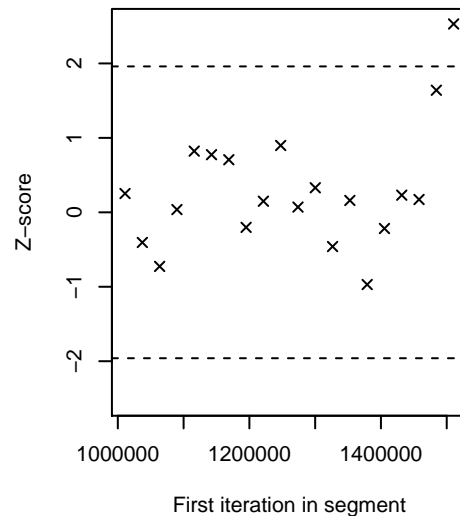
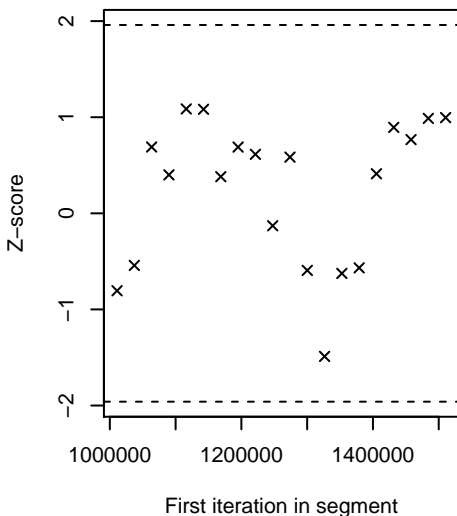
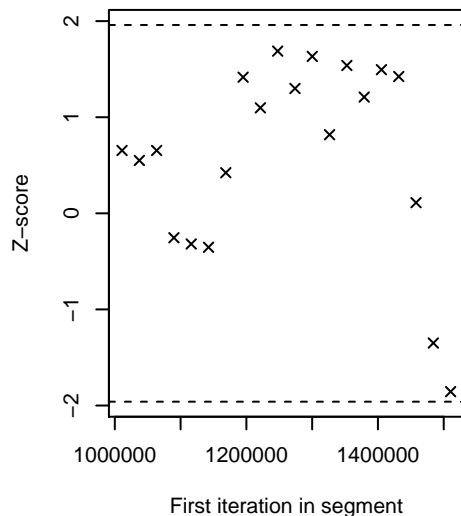
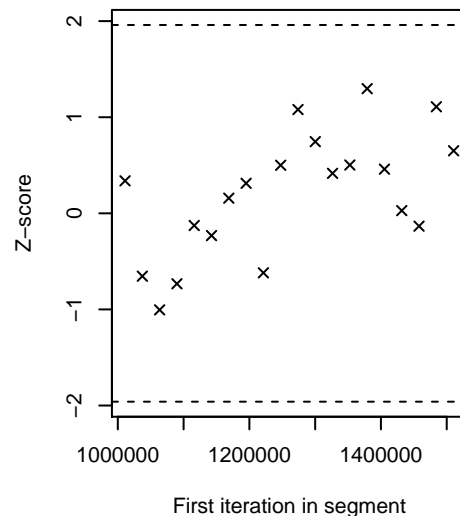
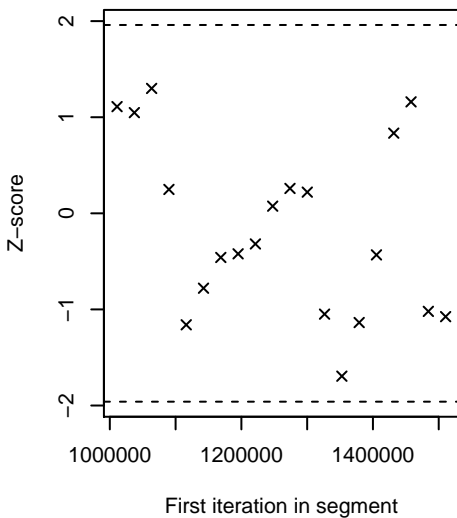
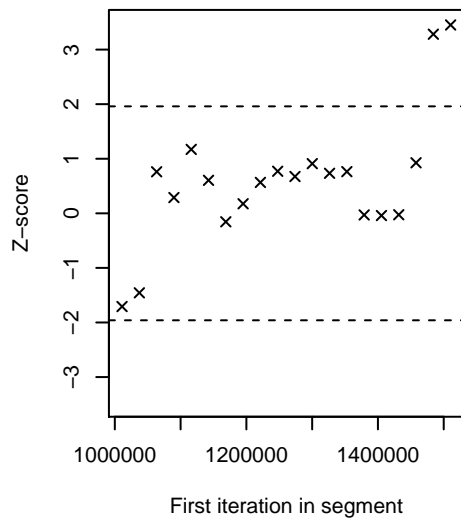
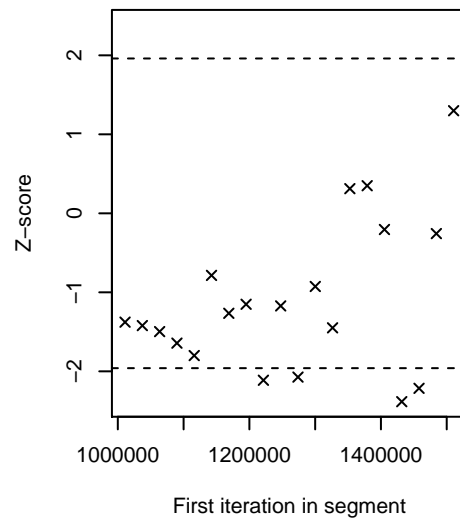
R[10] (chain2)**R[11] (chain2)****R[12] (chain2)****R[13] (chain2)****R[14] (chain2)****R[15] (chain2)****R[16] (chain2)****R[17] (chain2)****R[18] (chain2)**

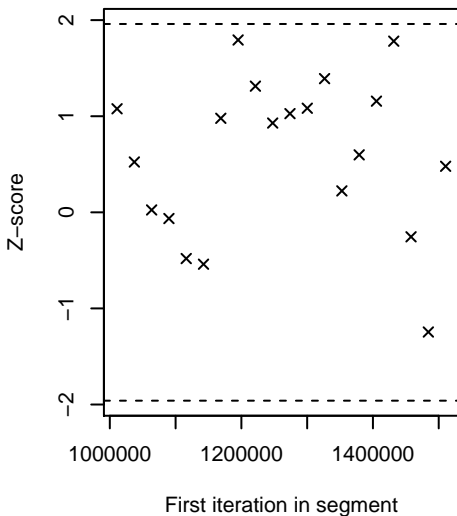
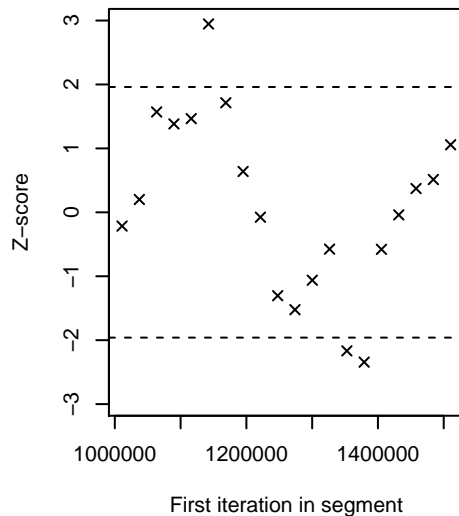
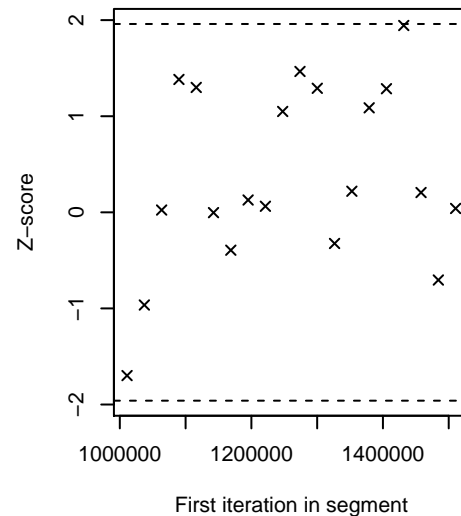
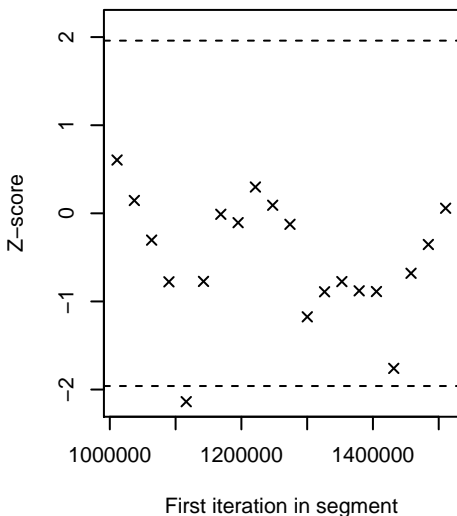
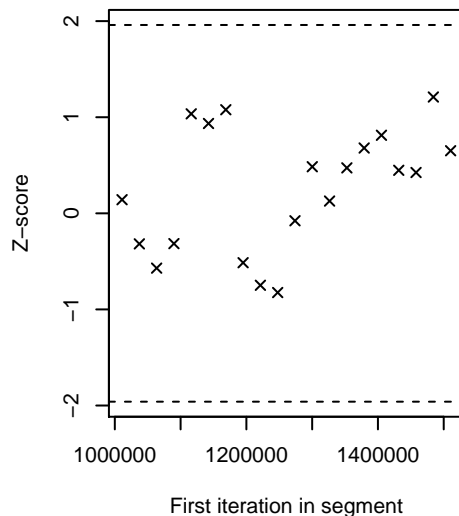
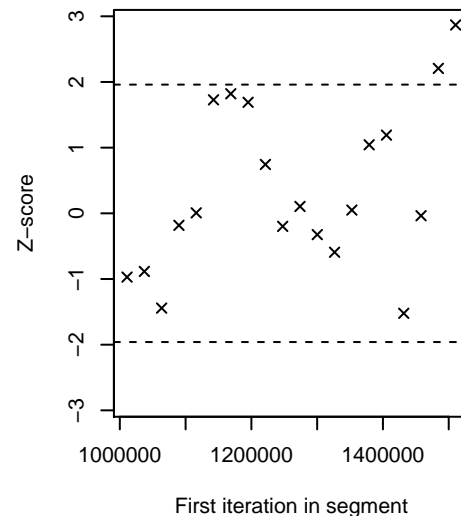
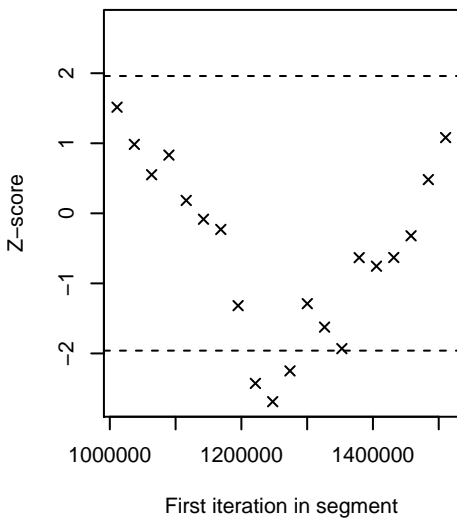
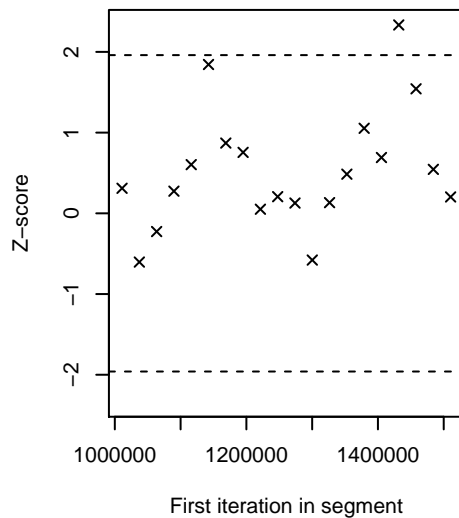
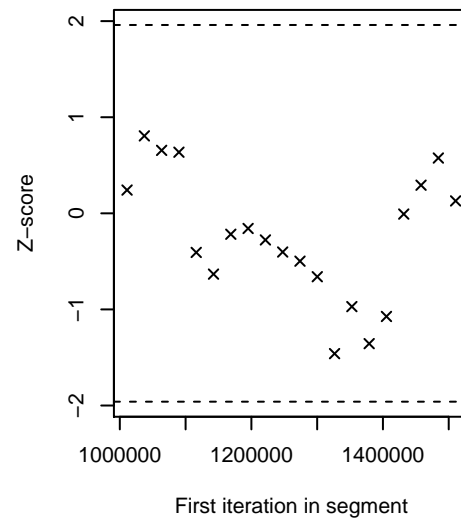
R[19] (chain2)**R[20] (chain2)****R[21] (chain2)****R[22] (chain2)****R[23] (chain2)****R[24] (chain2)****R[25] (chain2)****R[26] (chain2)****R[27] (chain2)**

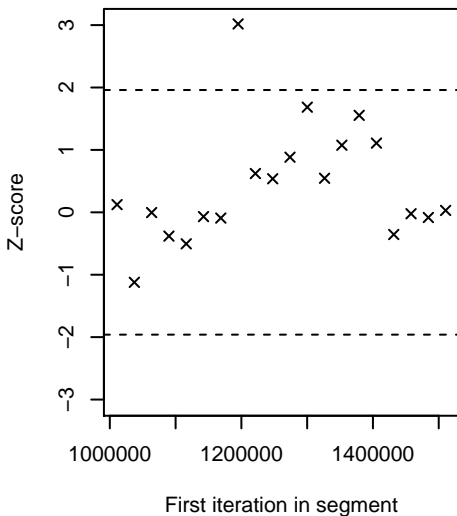
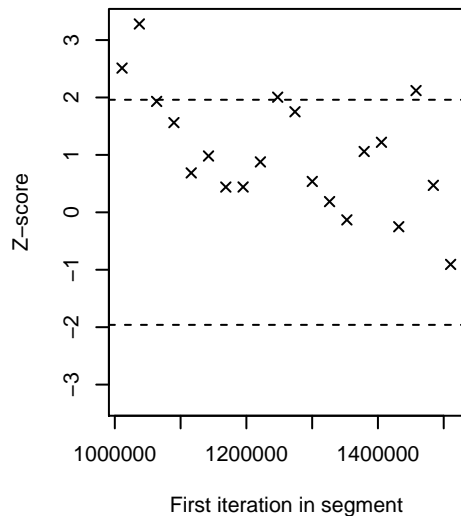
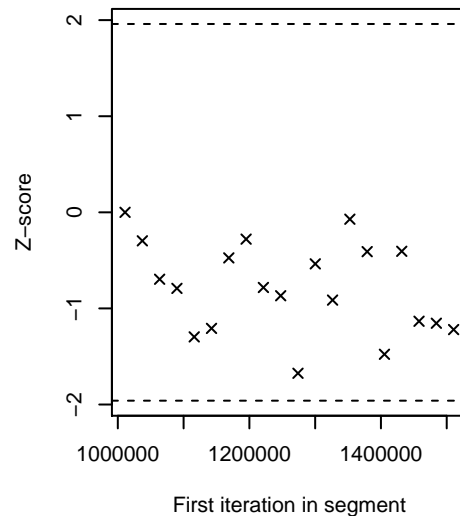
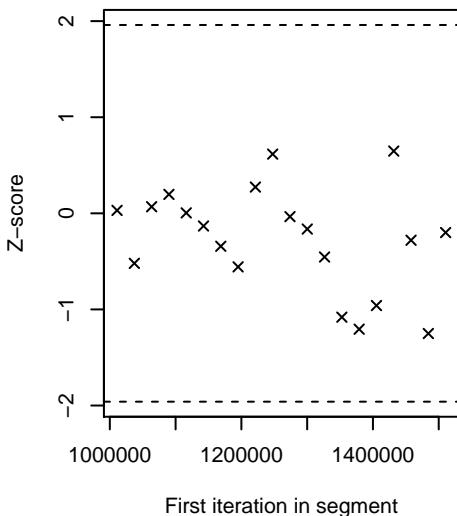
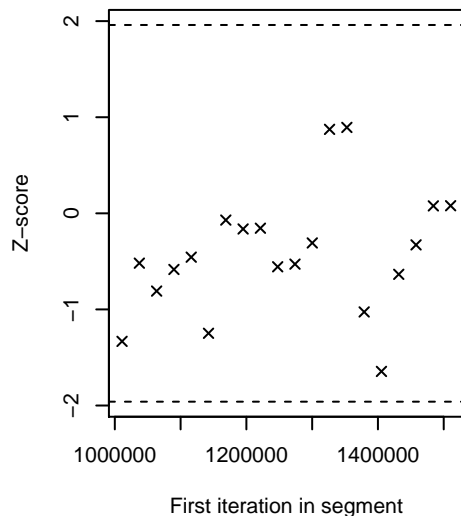
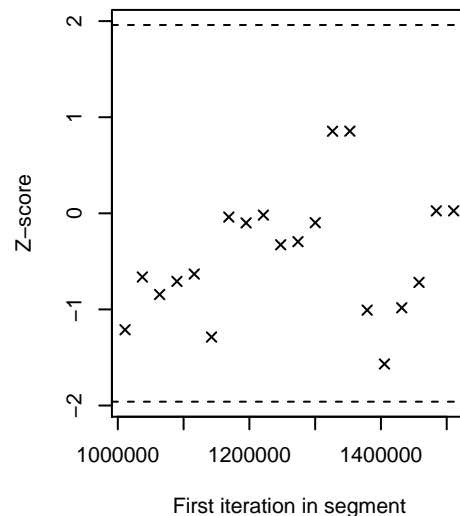
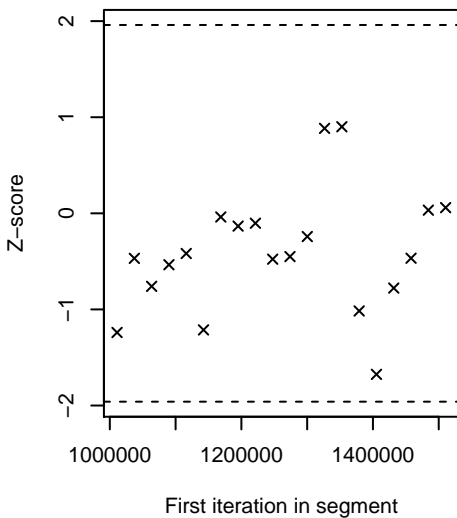
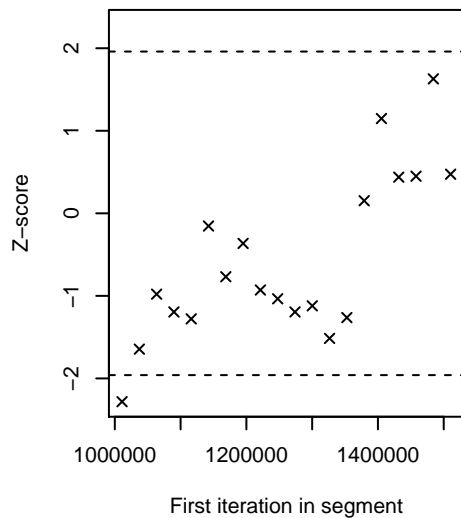
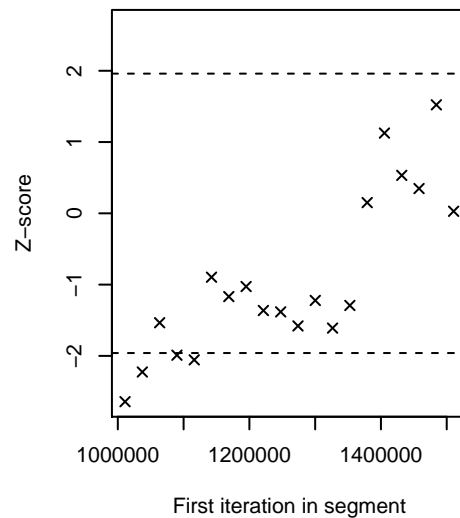
R[28] (chain2)**R[29] (chain2)****R[30] (chain2)****R[31] (chain2)****R[32] (chain2)****R[33] (chain2)****R[34] (chain2)****R[35] (chain2)****R[36] (chain2)**

R[37] (chain2)**R[38] (chain2)****R[39] (chain2)****S[1] (chain2)****S[2] (chain2)****S[3] (chain2)****S[4] (chain2)****S[5] (chain2)****S[6] (chain2)**

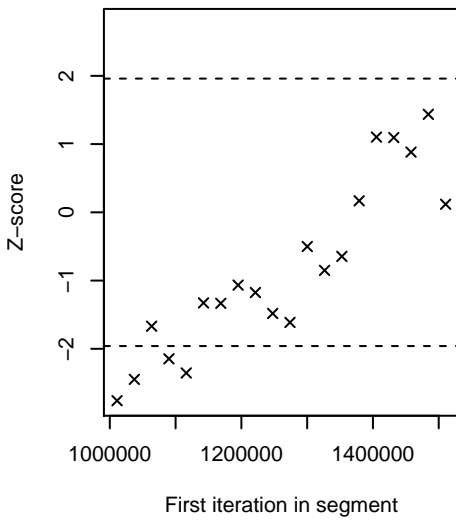
S[7] (chain2)**S[8] (chain2)****S[9] (chain2)****S[10] (chain2)****S[11] (chain2)****S[12] (chain2)****S[13] (chain2)****S[14] (chain2)****S[15] (chain2)**

S[16] (chain2)**S[17] (chain2)****S[18] (chain2)****S[19] (chain2)****S[20] (chain2)****S[21] (chain2)****S[22] (chain2)****S[23] (chain2)****S[24] (chain2)**

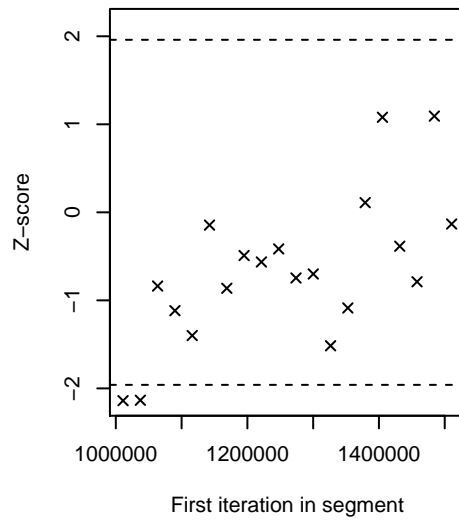
S[25] (chain2)**S[26] (chain2)****S[27] (chain2)****S[28] (chain2)****S[29] (chain2)****S[30] (chain2)****S[31] (chain2)****S[32] (chain2)****S[33] (chain2)**

S[34] (chain2)**S[35] (chain2)****S[36] (chain2)****S[37] (chain2)****S.eq.c (chain2)****S.max (chain2)****S.msy.c (chain2)****U.msy.c (chain2)****alpha (chain2)**

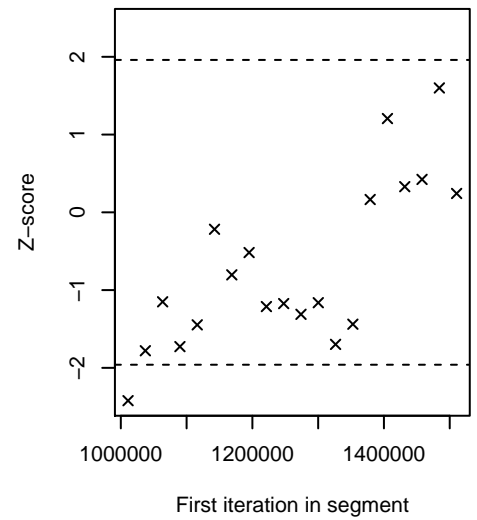
alpha.c (chain2)



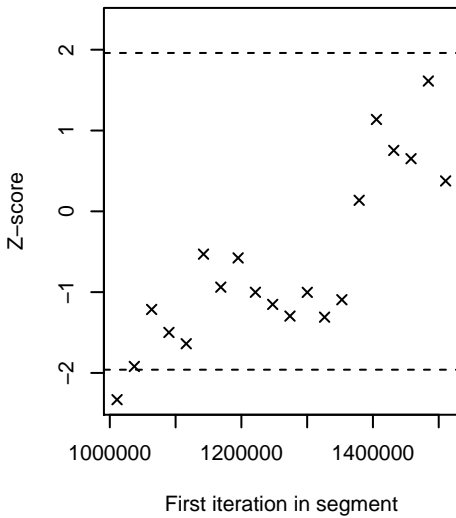
beta (chain2)



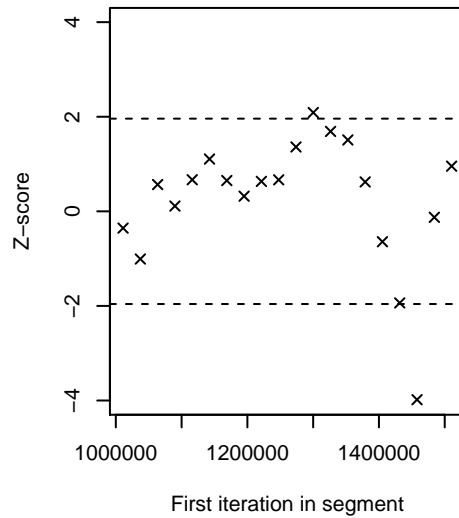
lnalpha (chain2)



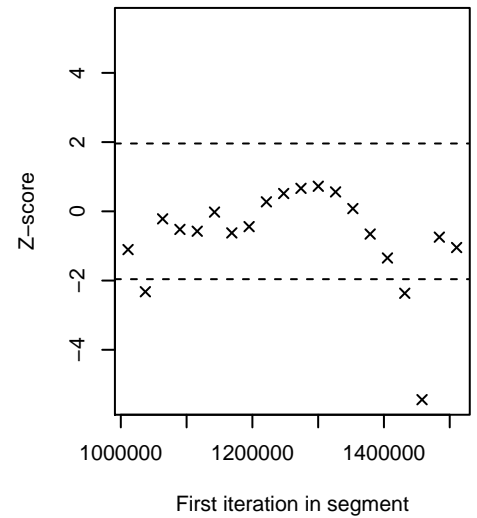
lnalpha.c (chain2)



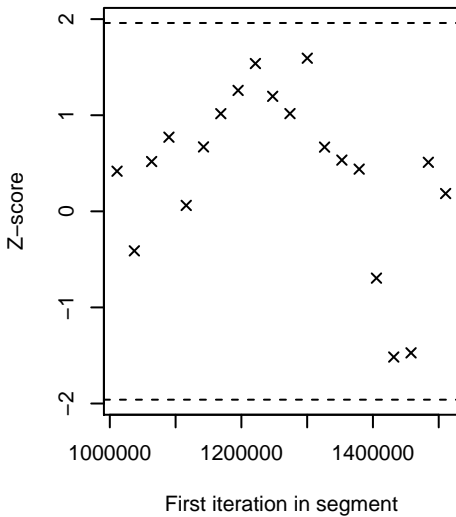
log.resid[7] (chain2)



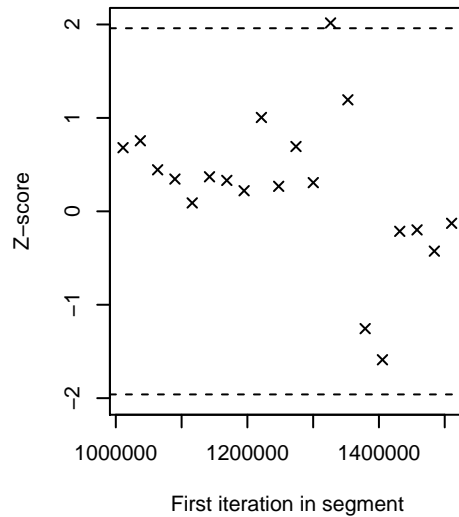
log.resid[8] (chain2)



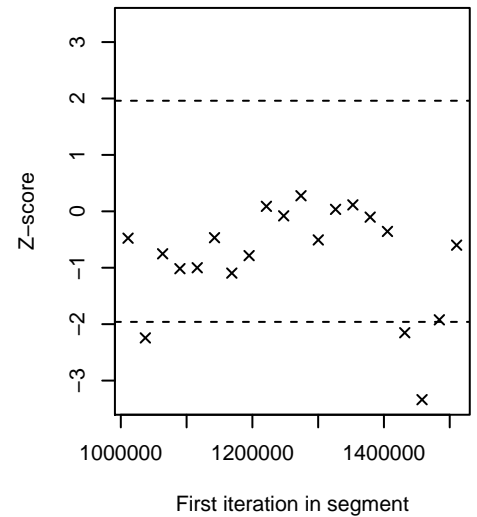
log.resid[9] (chain2)



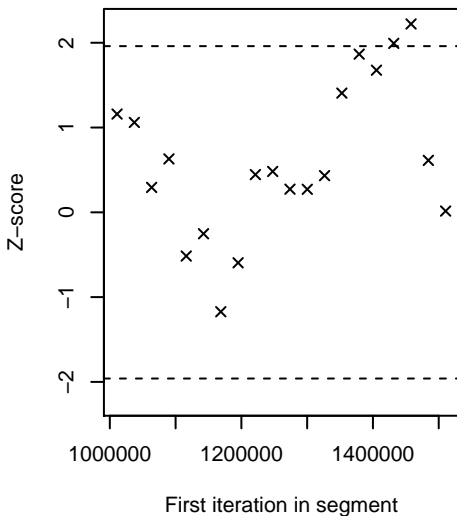
log.resid[10] (chain2)



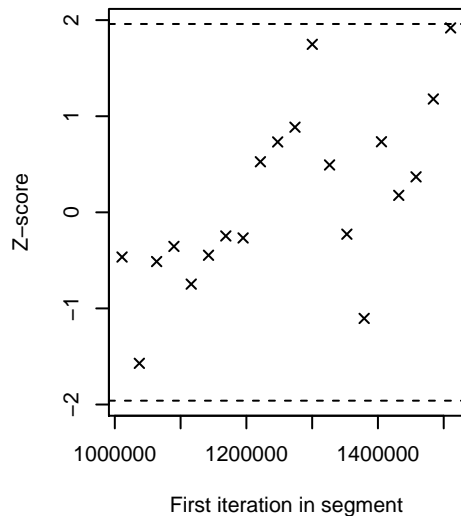
log.resid[11] (chain2)



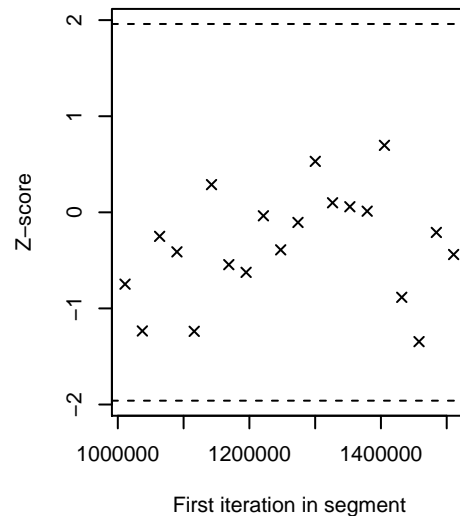
log.resid[12] (chain2)



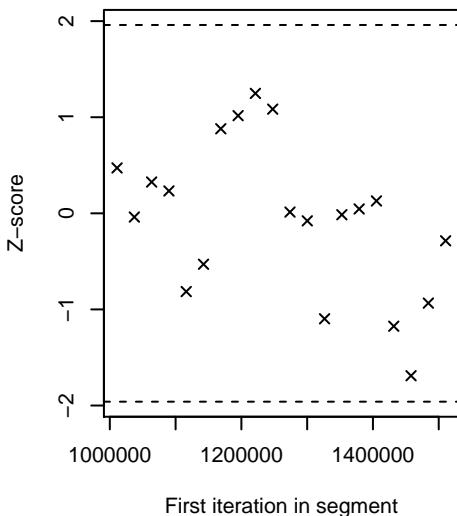
log.resid[13] (chain2)



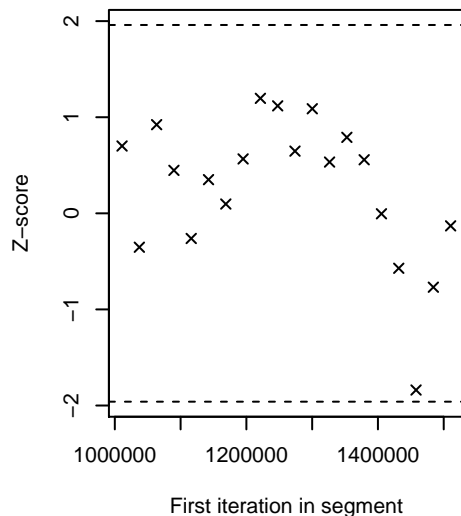
log.resid[14] (chain2)



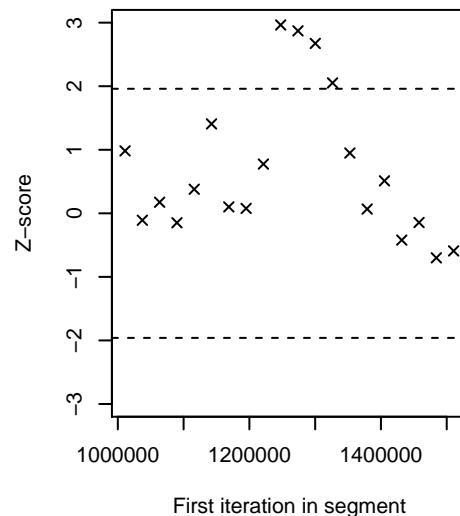
log.resid[15] (chain2)



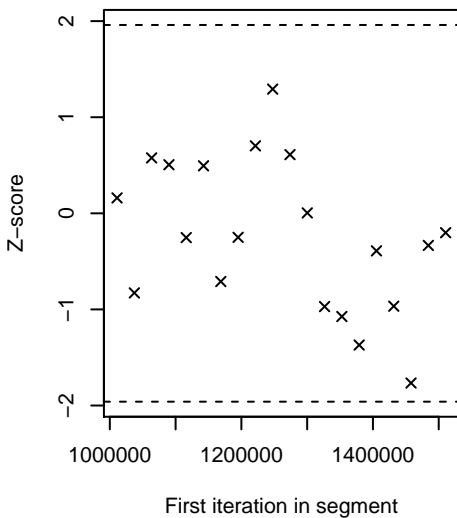
log.resid[16] (chain2)



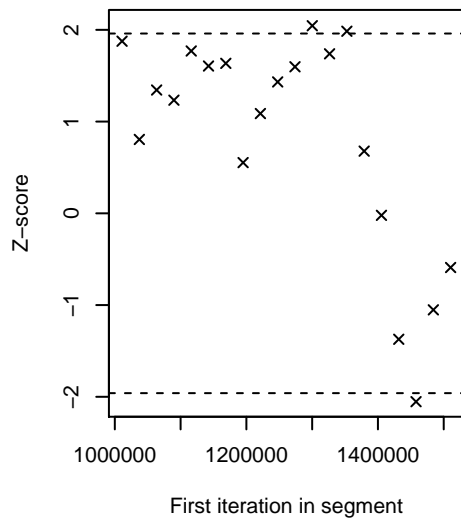
log.resid[17] (chain2)



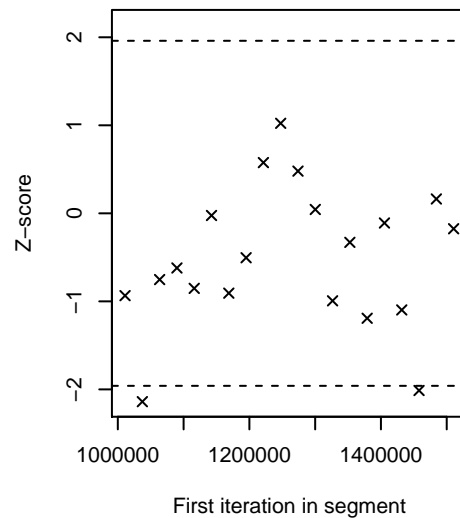
log.resid[18] (chain2)



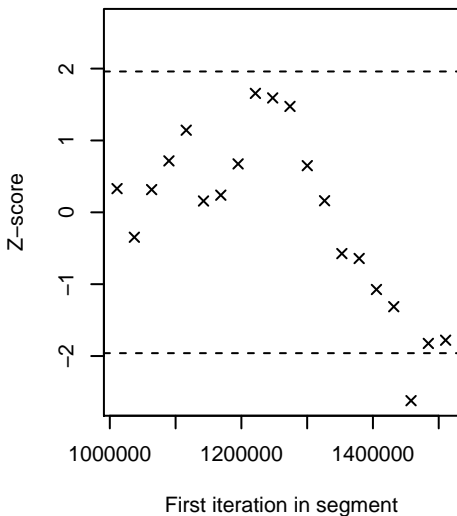
log.resid[19] (chain2)



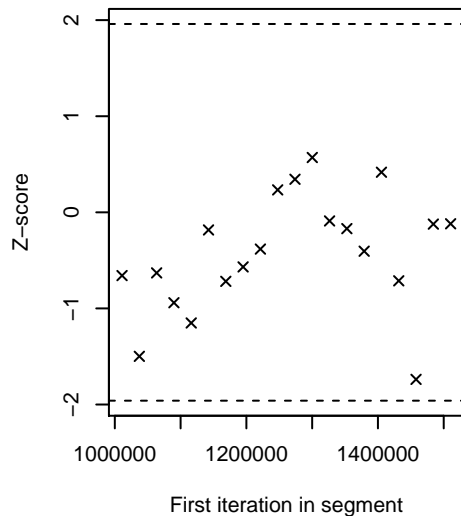
log.resid[20] (chain2)



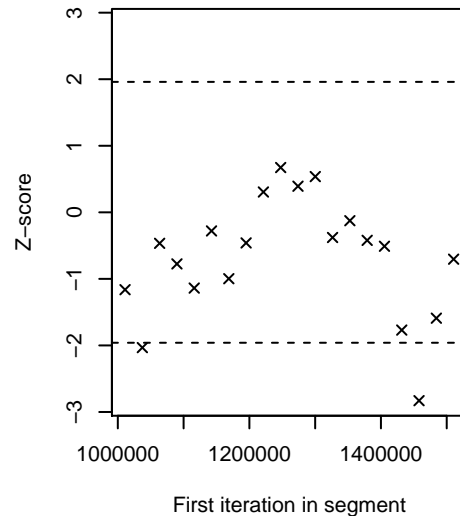
log.resid[21] (chain2)



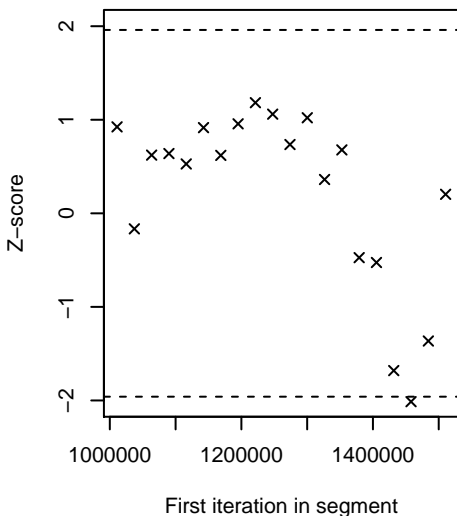
log.resid[22] (chain2)



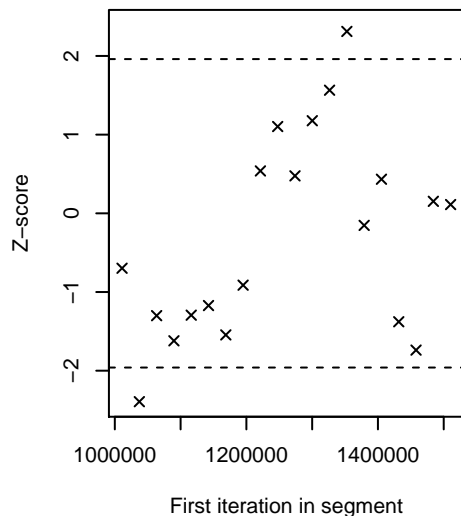
log.resid[23] (chain2)



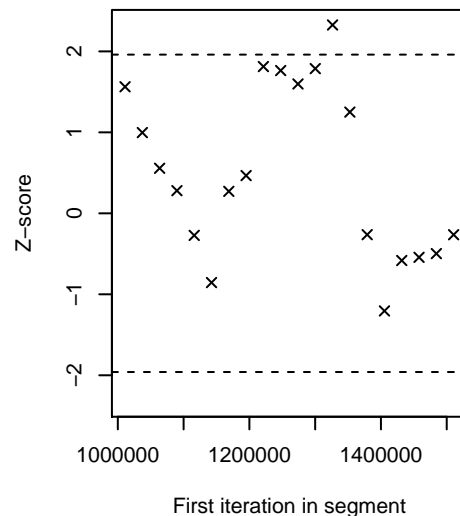
log.resid[24] (chain2)



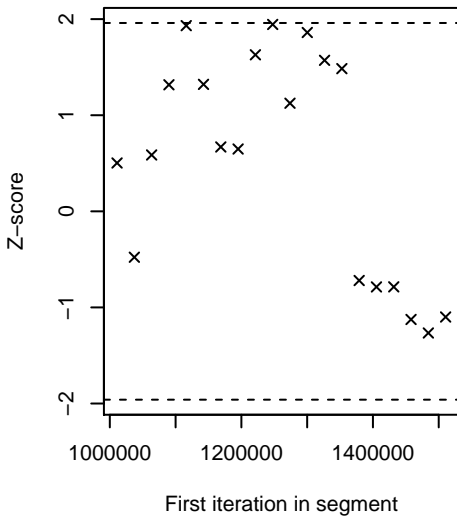
log.resid[25] (chain2)



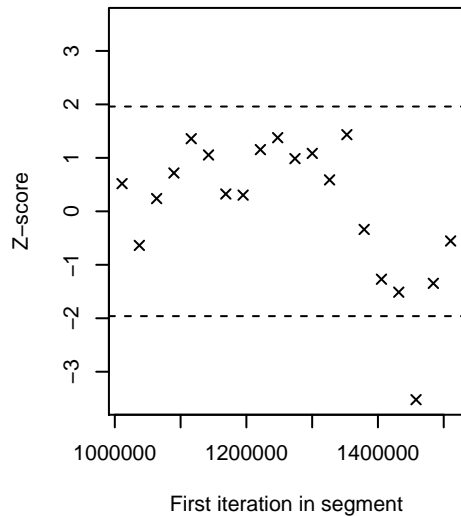
log.resid[26] (chain2)



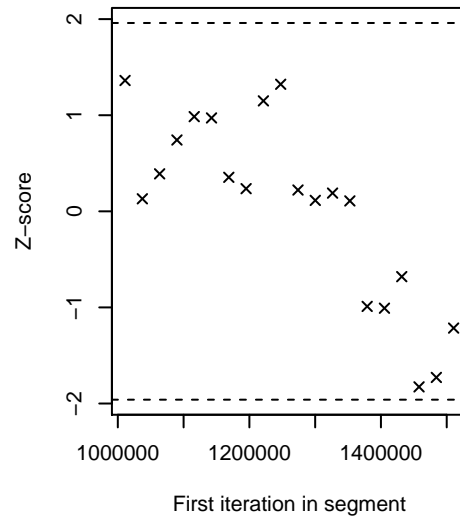
log.resid[27] (chain2)



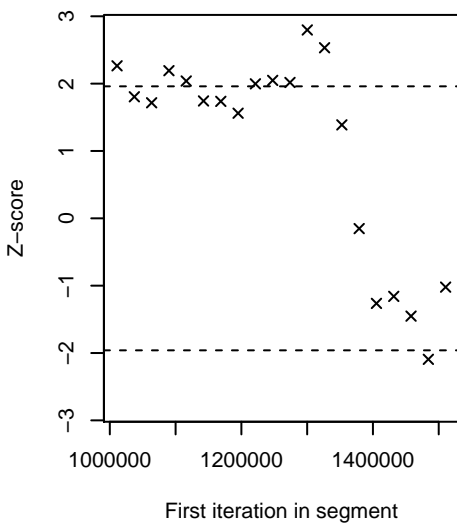
log.resid[28] (chain2)



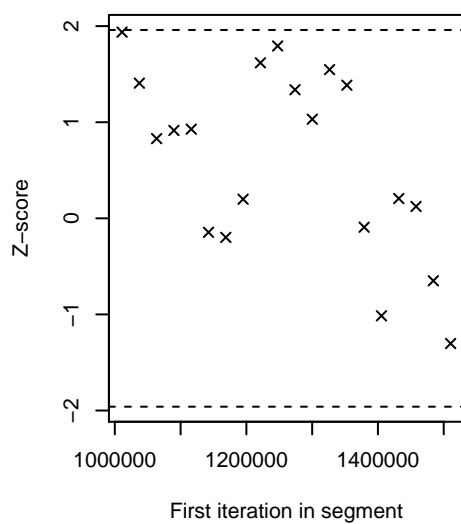
log.resid[29] (chain2)



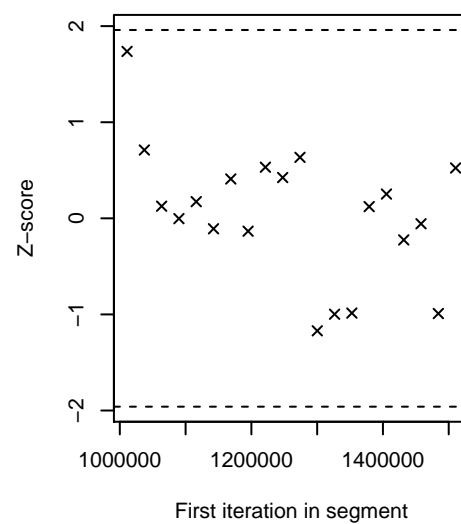
log.resid[30] (chain2)



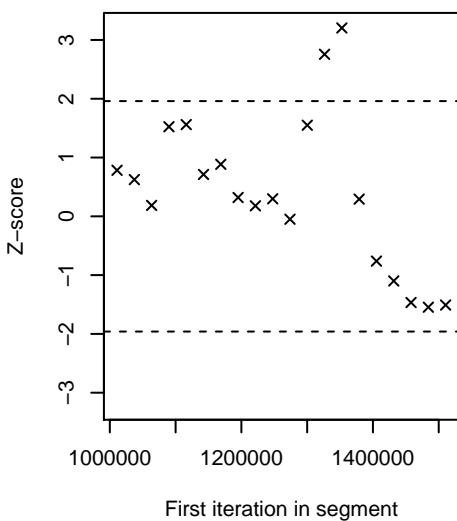
log.resid[31] (chain2)



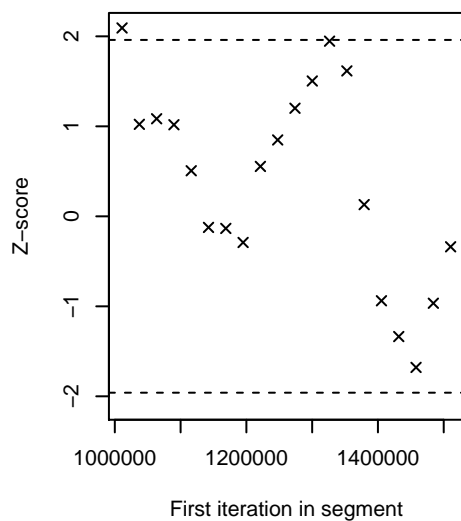
log.resid[32] (chain2)



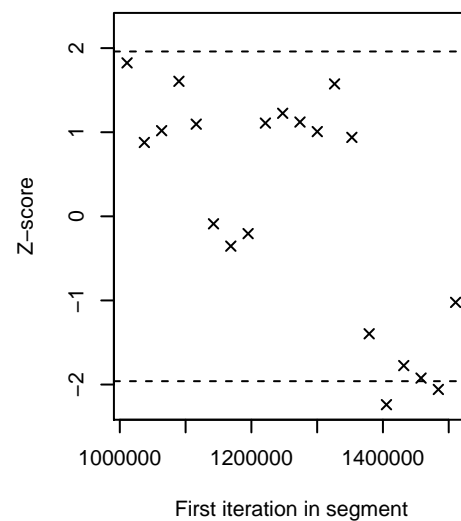
log.resid[33] (chain2)



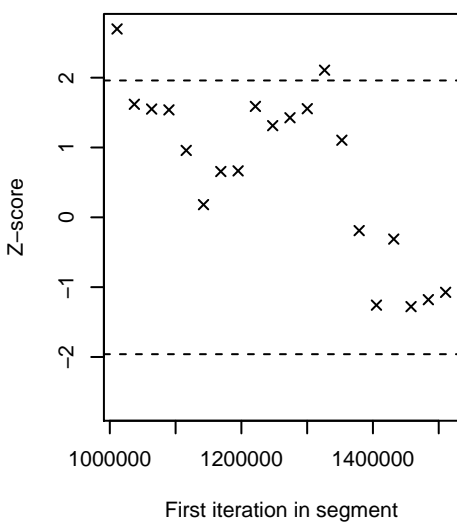
log.resid[34] (chain2)



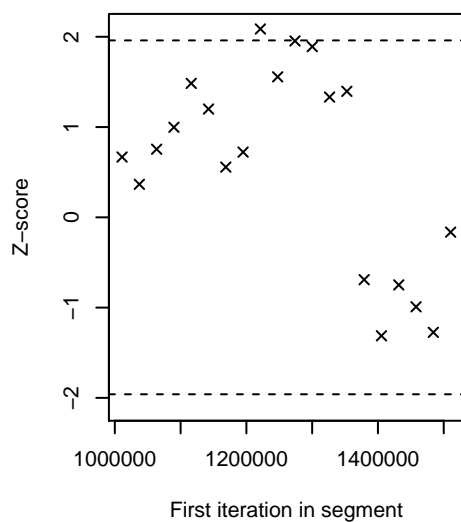
log.resid[35] (chain2)



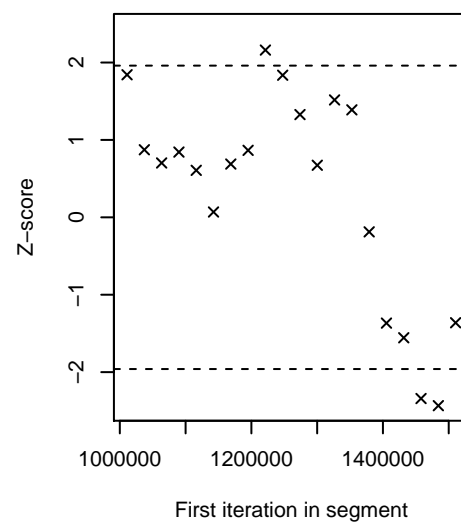
log.resid[36] (chain2)



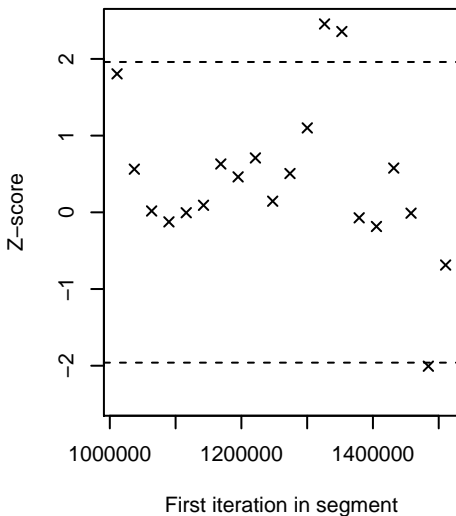
log.resid[37] (chain2)



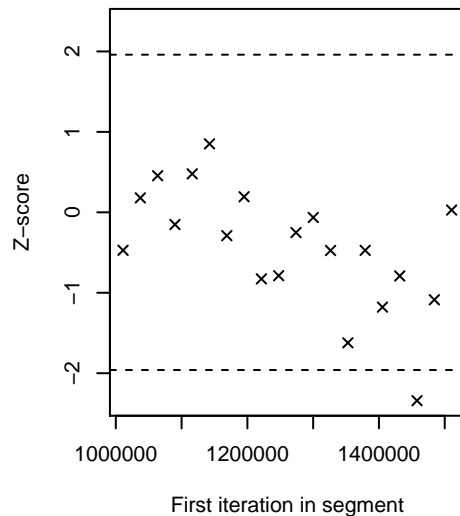
log.resid[38] (chain2)



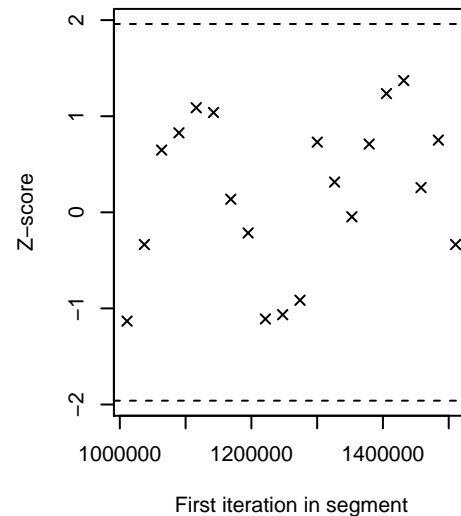
log.resid[39] (chain2)



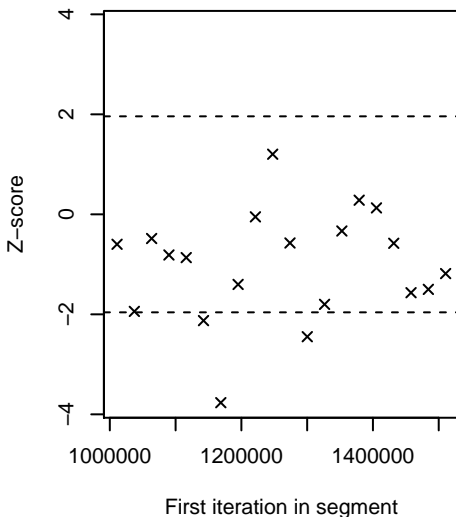
log.resid.0 (chain2)



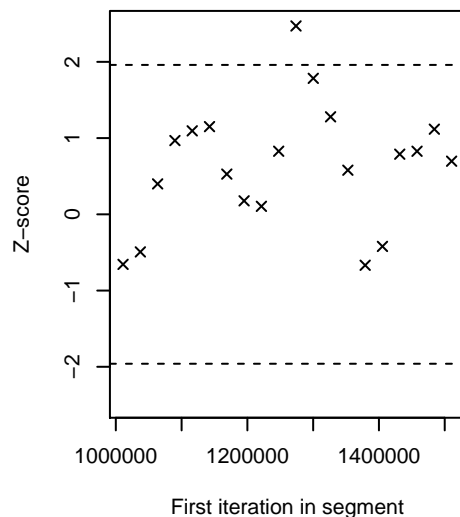
mean.log.R0 (chain2)



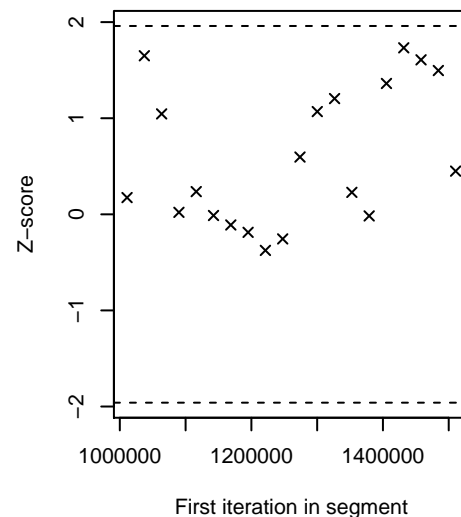
mu.HB[1] (chain2)



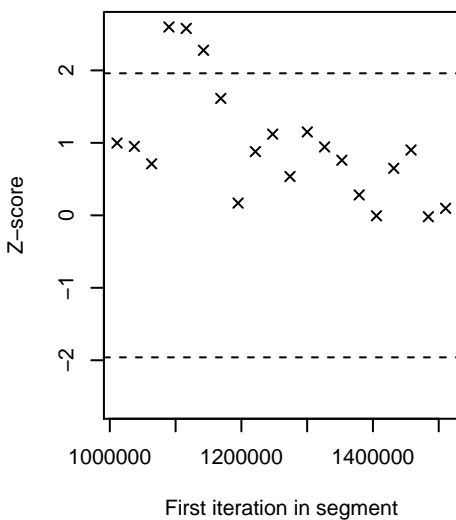
mu.HB[2] (chain2)



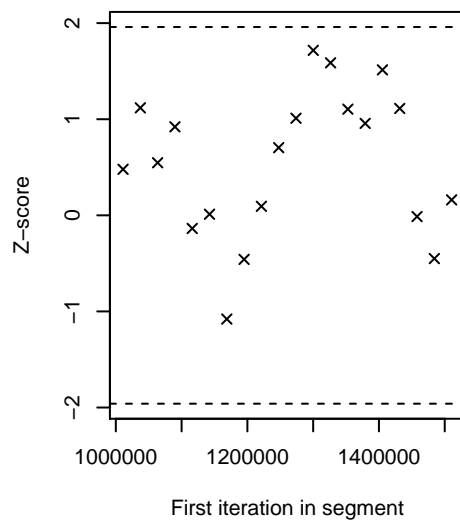
mu.HB[3] (chain2)



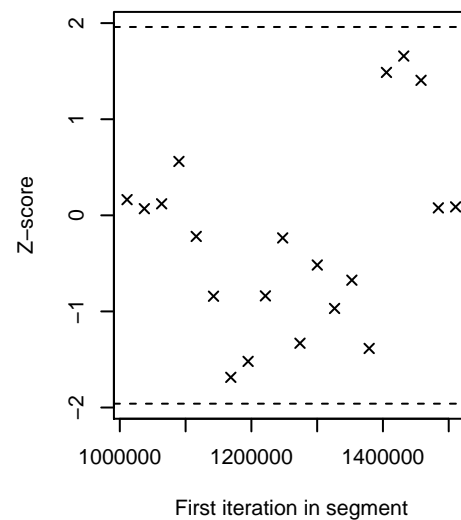
mu.HB[4] (chain2)



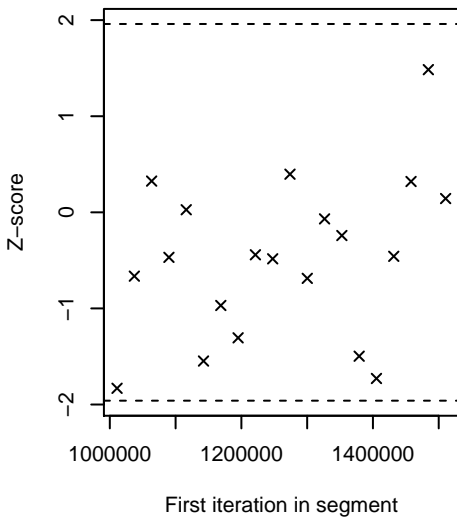
mu.HB[5] (chain2)



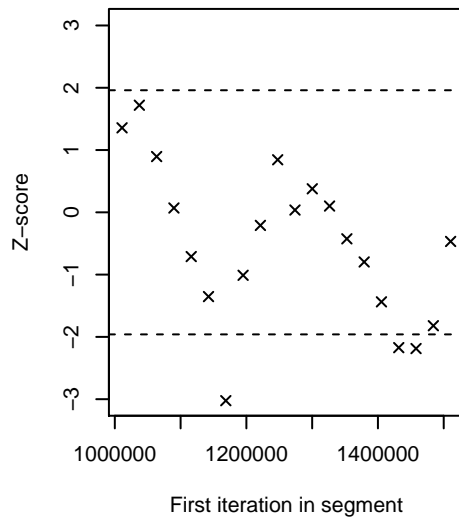
mu.HB[6] (chain2)



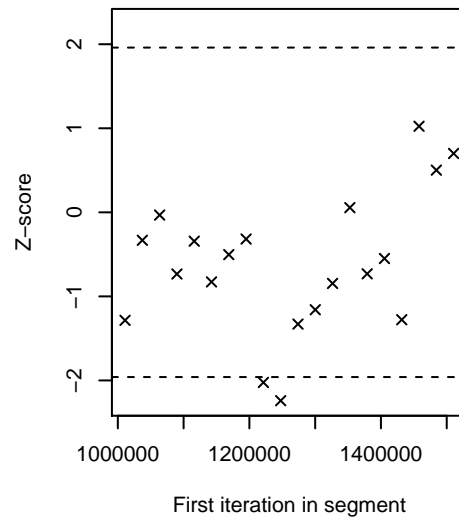
mu.HB[7] (chain2)



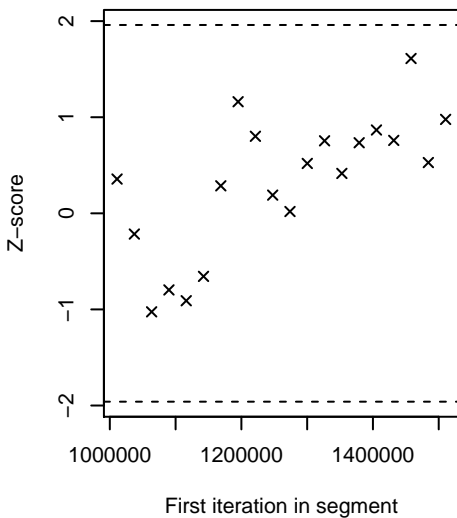
mu.HB[8] (chain2)



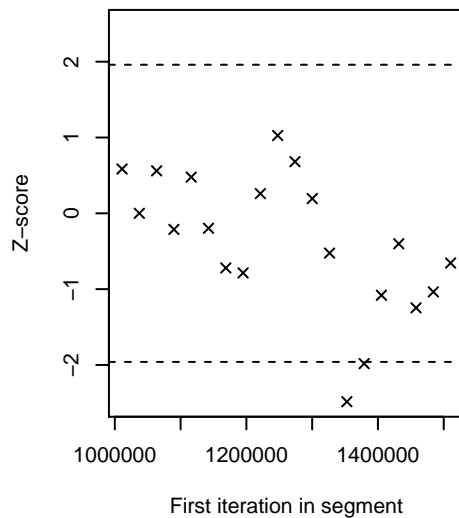
mu.HB[9] (chain2)



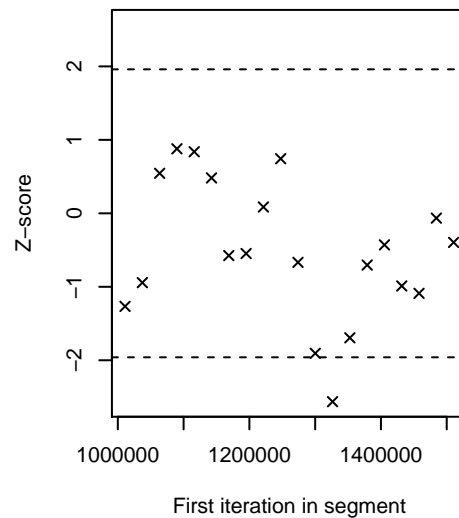
mu.HB[10] (chain2)



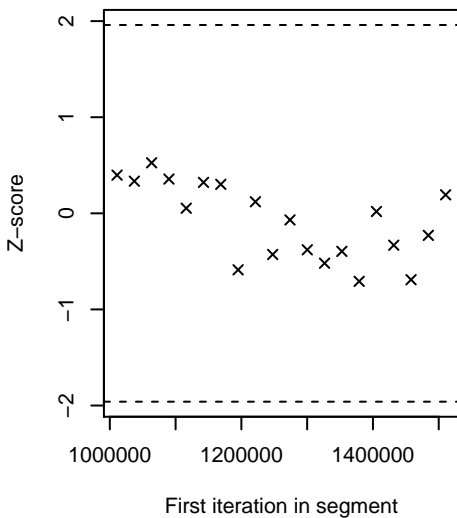
mu.HB[11] (chain2)



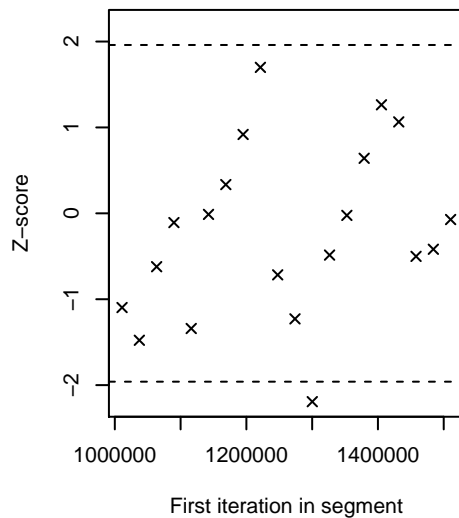
mu.HB[12] (chain2)



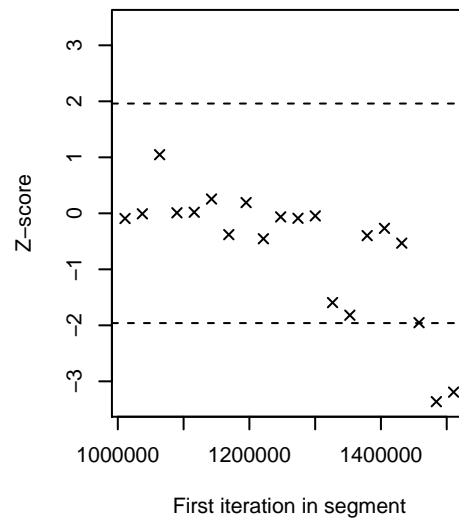
mu.HB[13] (chain2)



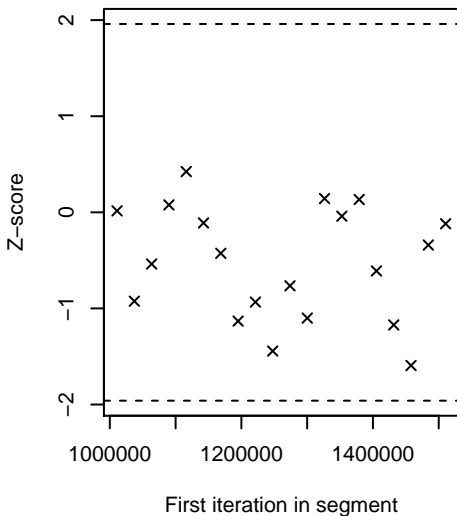
mu.HB[14] (chain2)



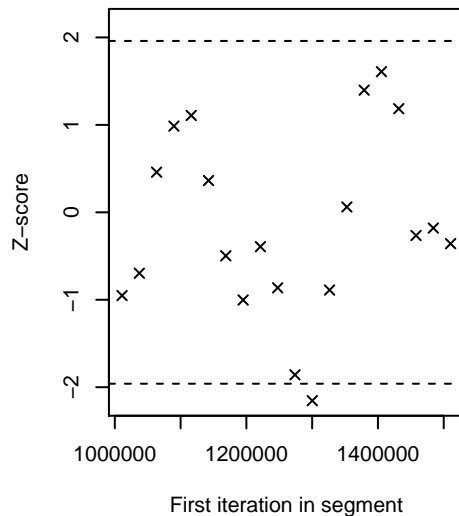
mu.HB[15] (chain2)



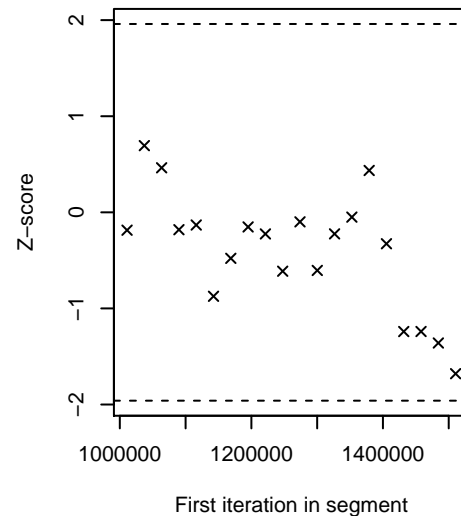
mu.HB[16] (chain2)



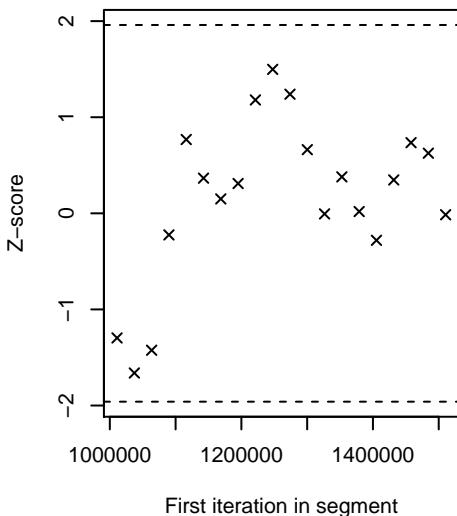
mu.HB[17] (chain2)



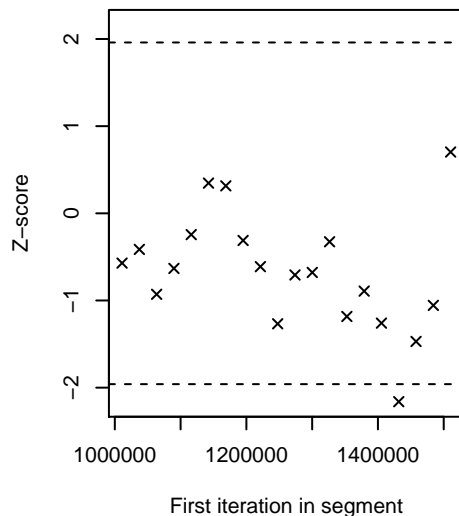
mu.HB[18] (chain2)



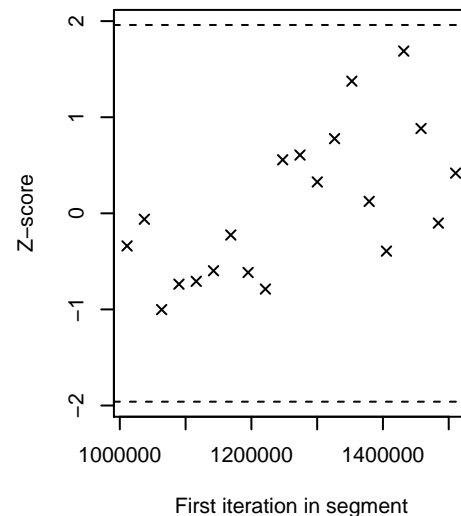
mu.HB[19] (chain2)



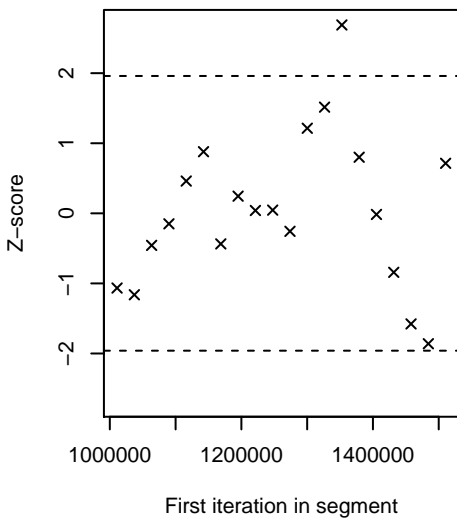
mu.HB[20] (chain2)



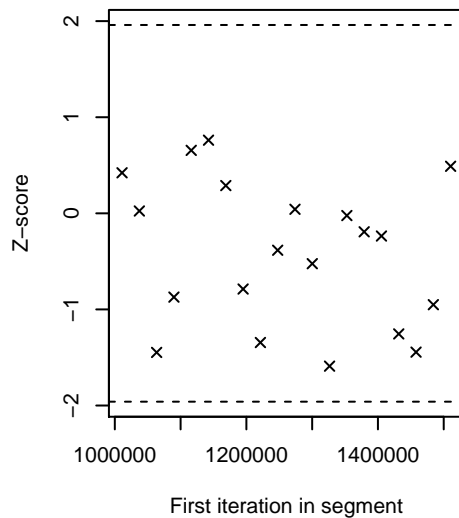
mu.HB[21] (chain2)



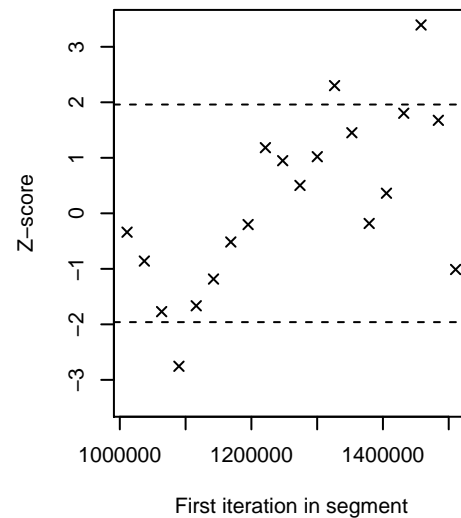
mu.HB[22] (chain2)



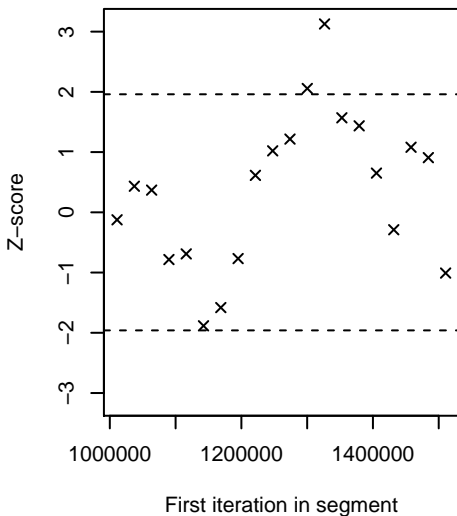
mu.HB[23] (chain2)



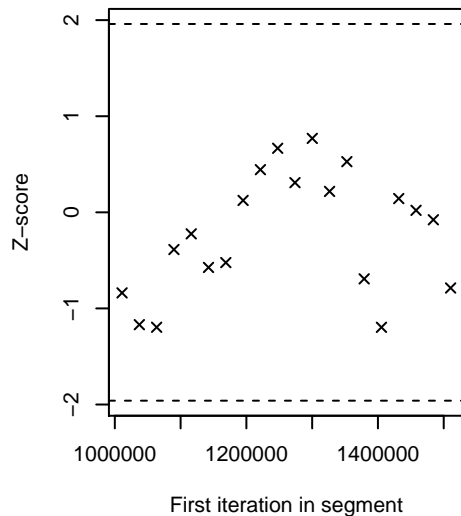
mu.HB[24] (chain2)



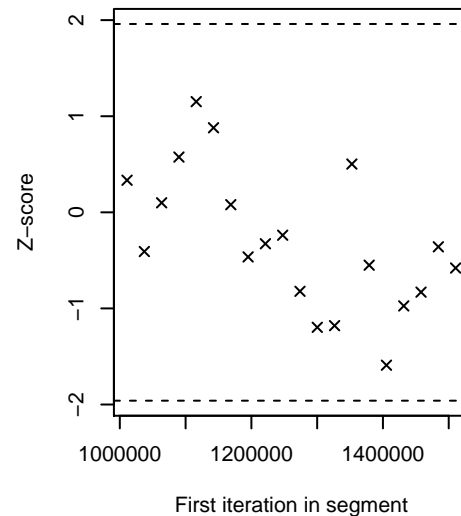
mu.HB[25] (chain2)



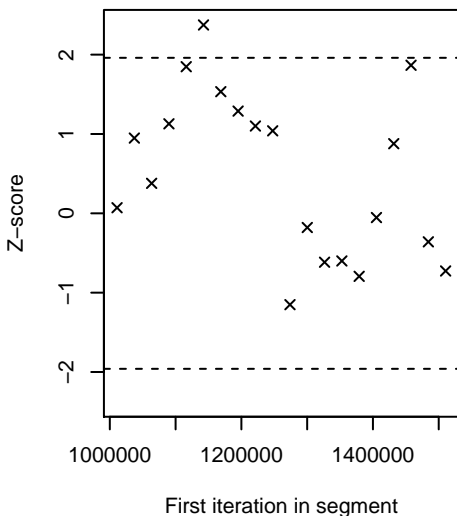
mu.HB[26] (chain2)



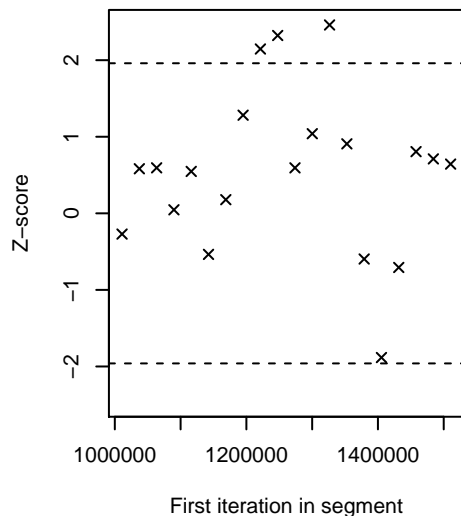
mu.HB[27] (chain2)



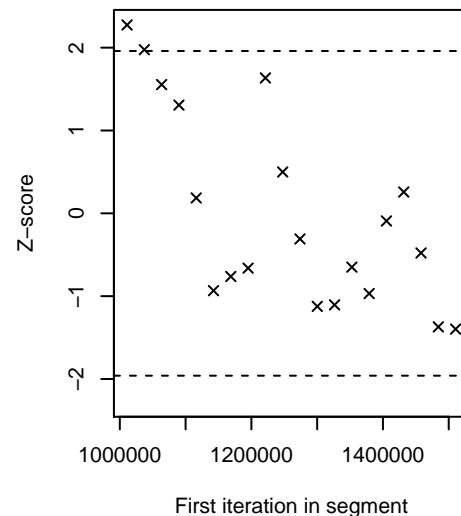
mu.HB[28] (chain2)



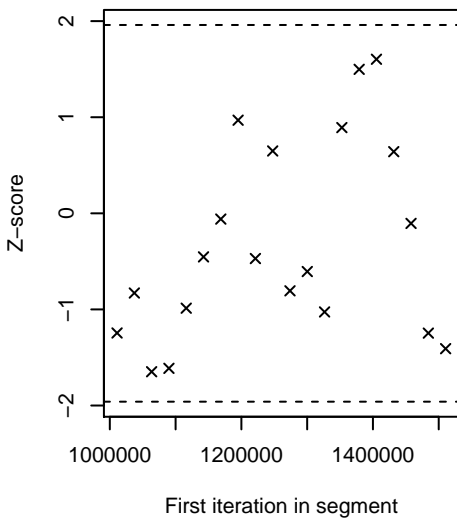
mu.HB[29] (chain2)



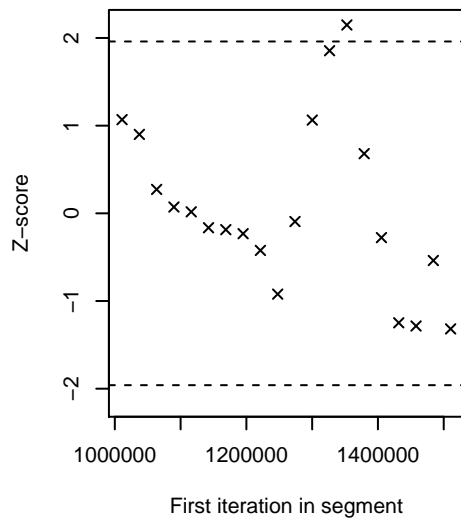
mu.HB[30] (chain2)



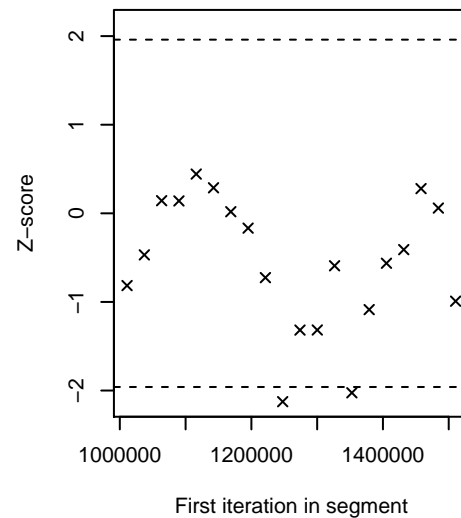
mu.HB[31] (chain2)



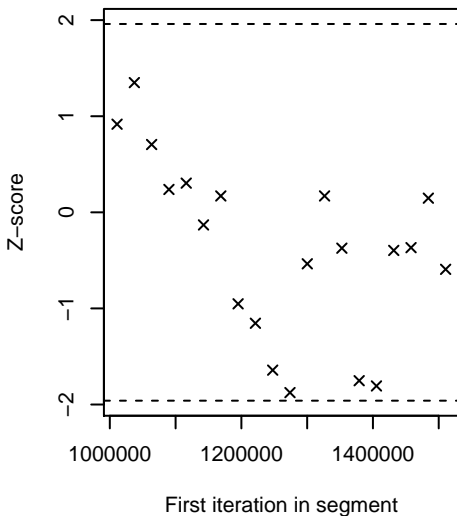
mu.HB[32] (chain2)



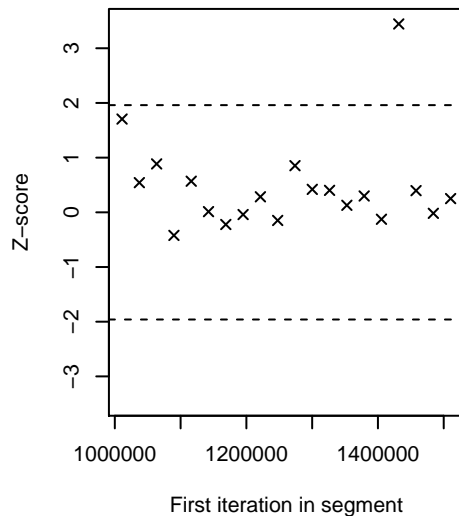
mu.HB[33] (chain2)



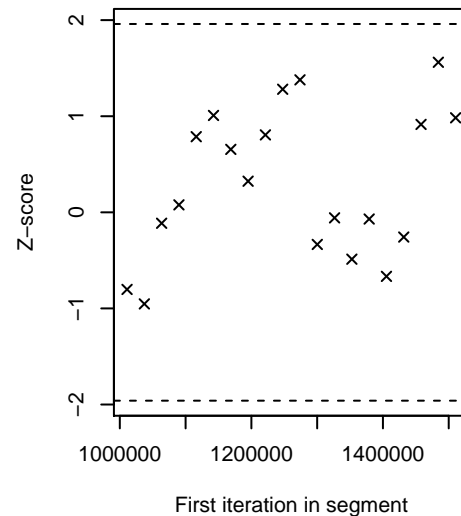
mu.HB[34] (chain2)



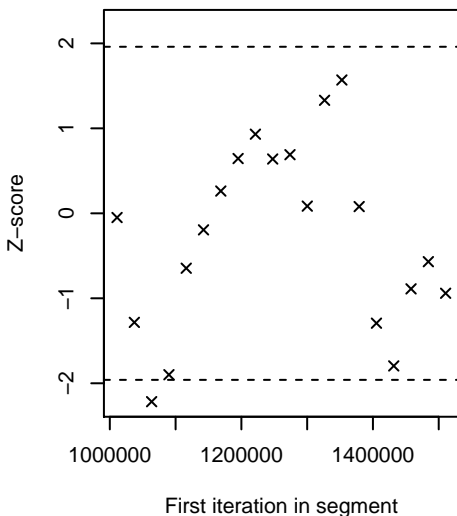
mu.HB[35] (chain2)



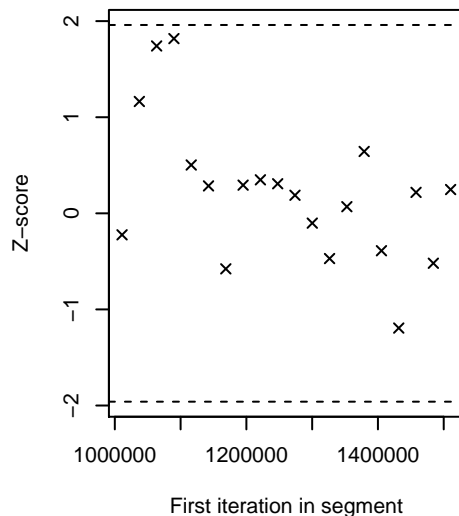
mu.HB[36] (chain2)



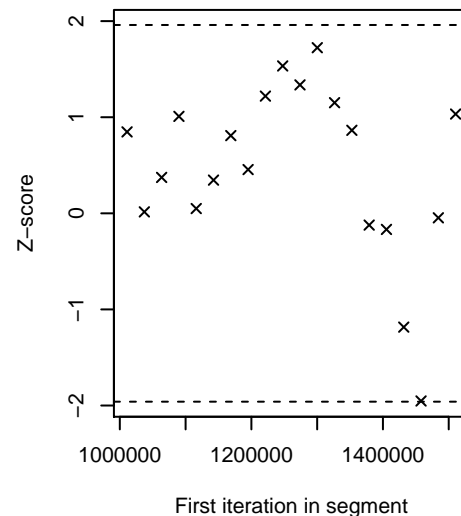
mu.HB[37] (chain2)



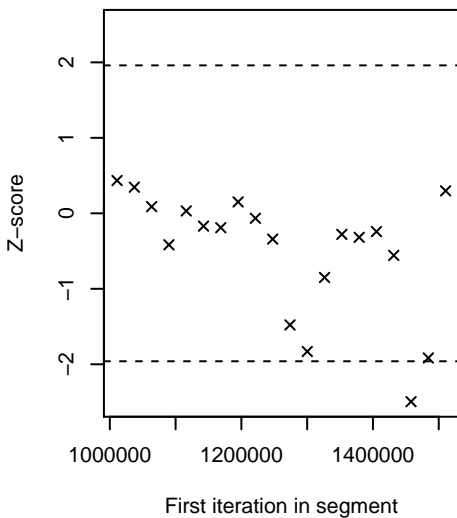
p[1,1] (chain2)



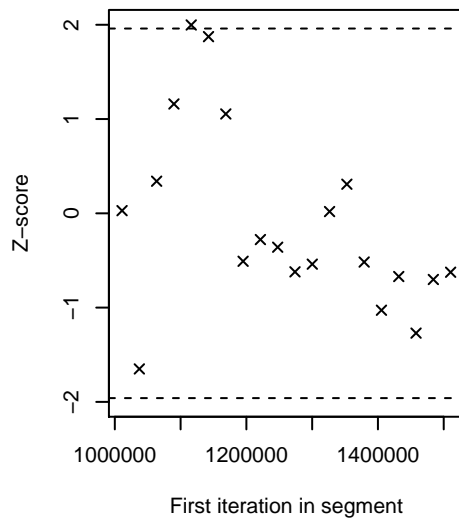
p[2,1] (chain2)



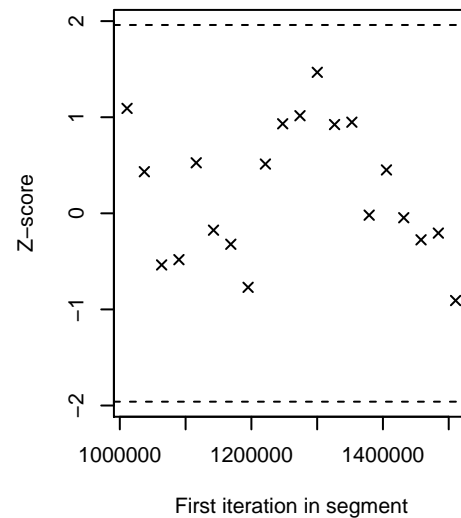
p[3,1] (chain2)



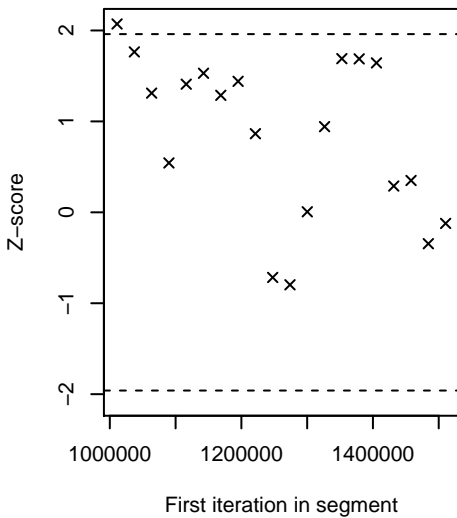
p[4,1] (chain2)



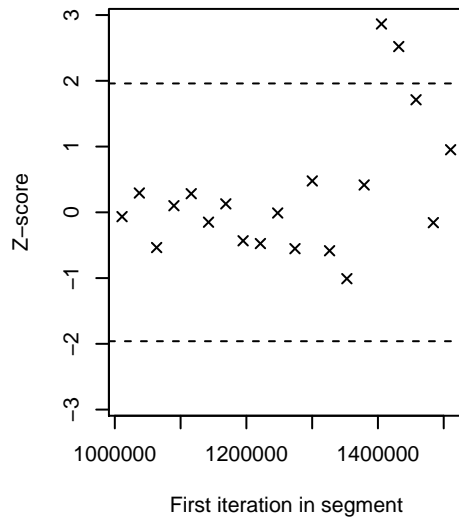
p[5,1] (chain2)



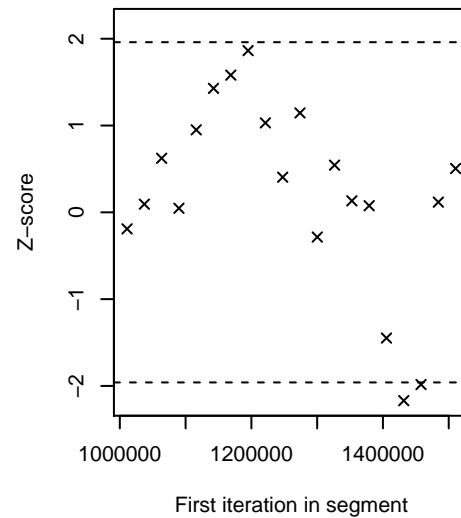
p[6,1] (chain2)



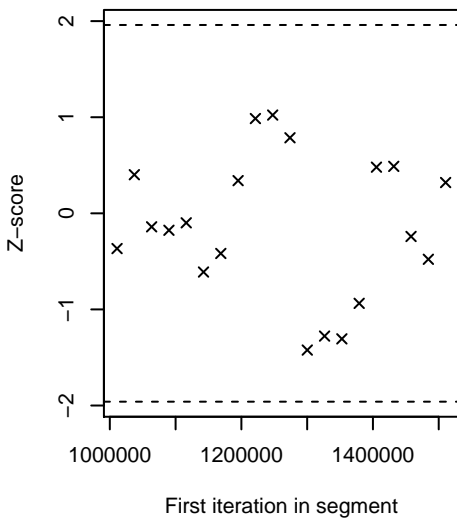
p[7,1] (chain2)



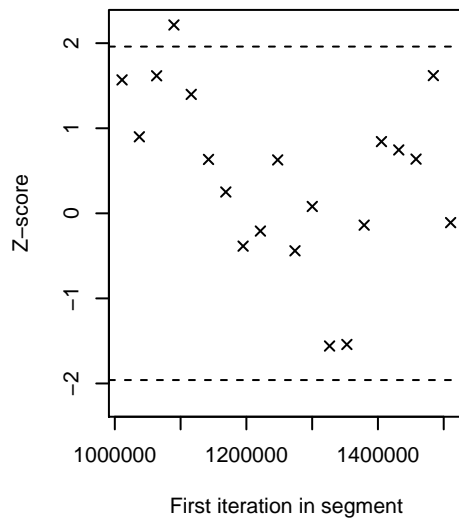
p[8,1] (chain2)



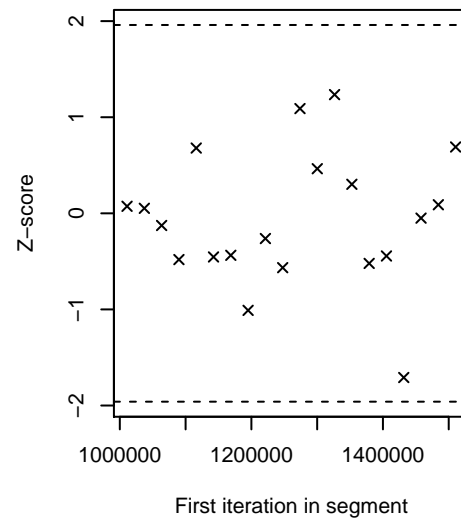
p[9,1] (chain2)



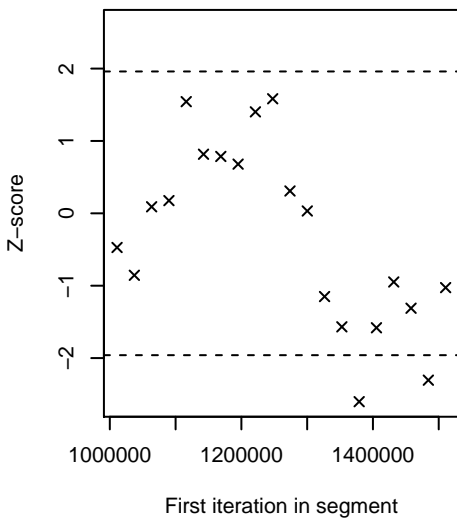
p[10,1] (chain2)



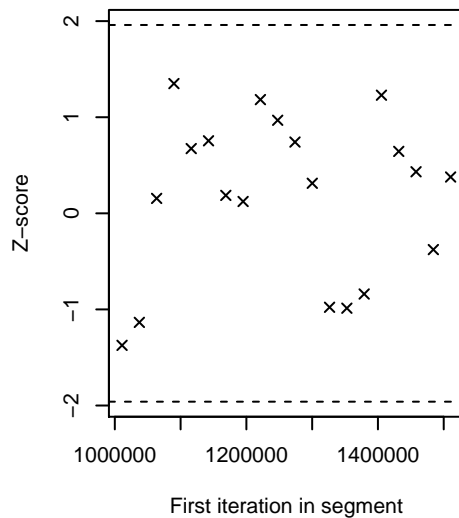
p[11,1] (chain2)



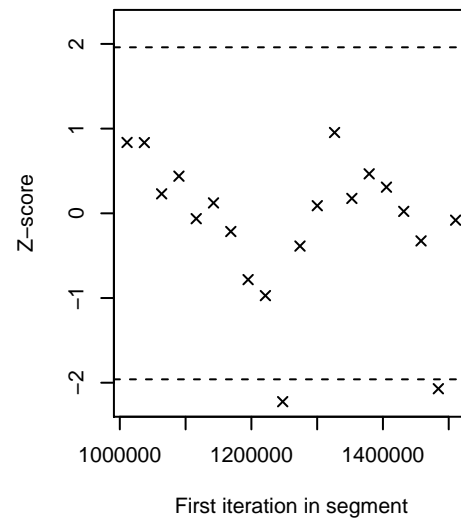
p[12,1] (chain2)



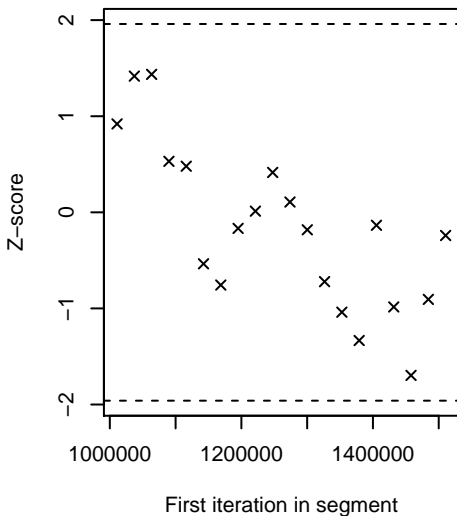
p[13,1] (chain2)



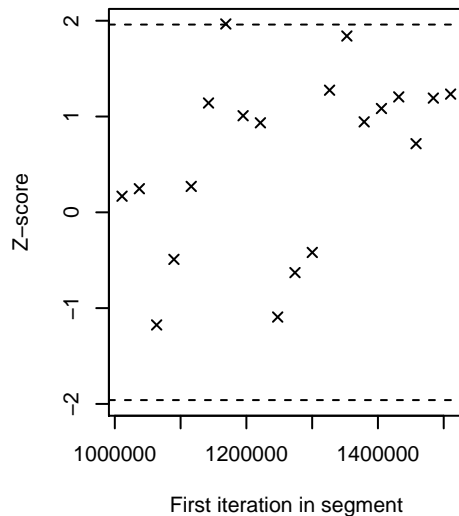
p[14,1] (chain2)



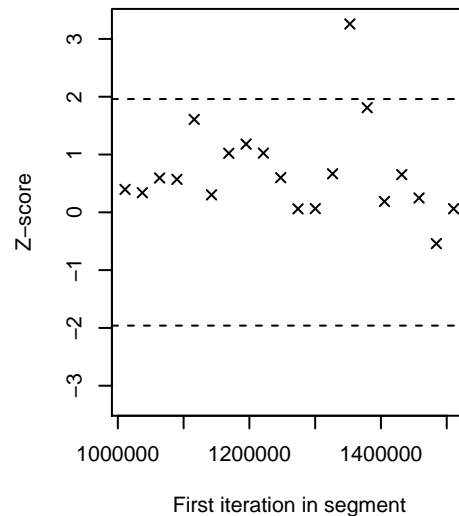
p[15,1] (chain2)



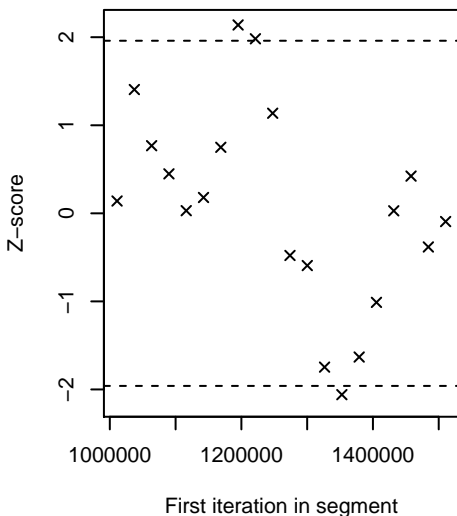
p[16,1] (chain2)



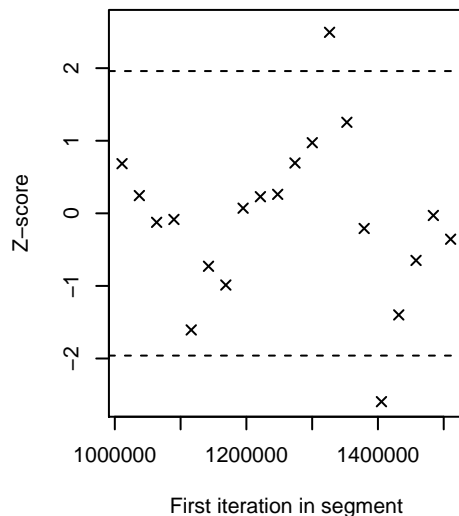
p[17,1] (chain2)



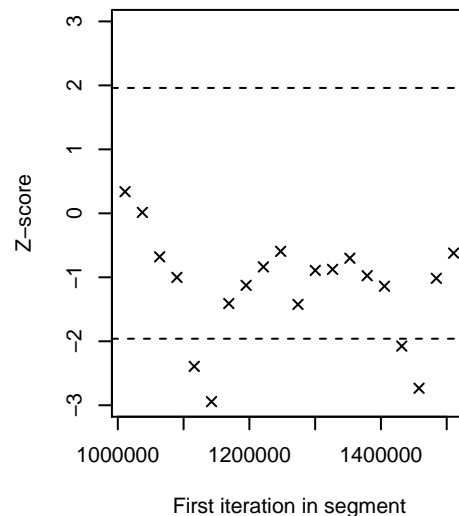
p[18,1] (chain2)



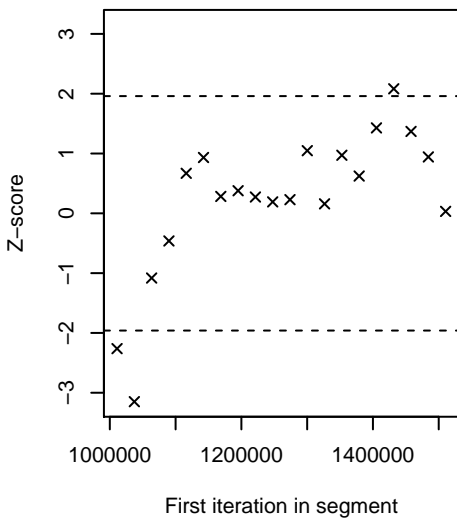
p[19,1] (chain2)



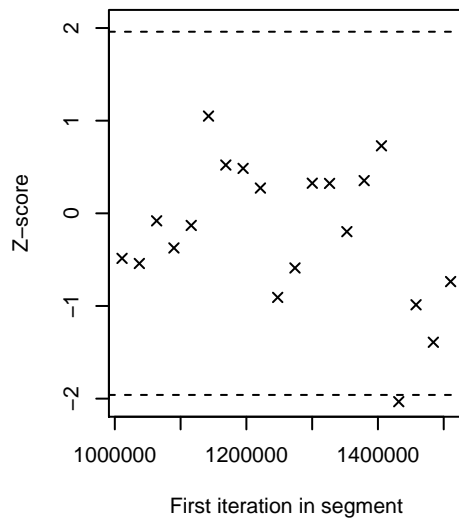
p[20,1] (chain2)



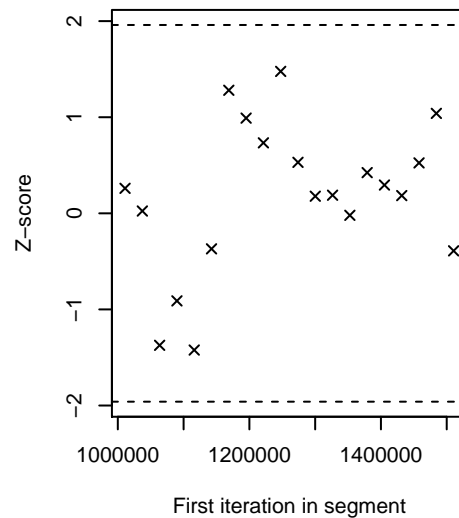
p[21,1] (chain2)



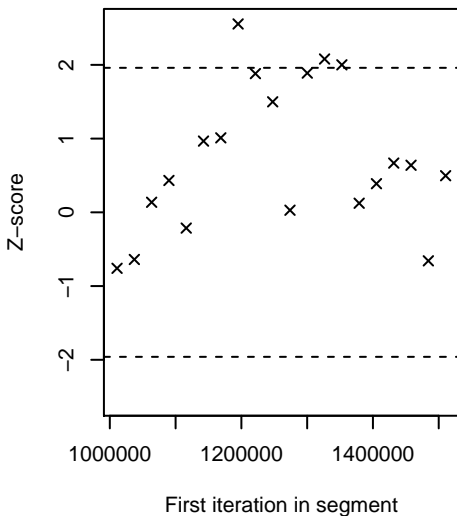
p[22,1] (chain2)



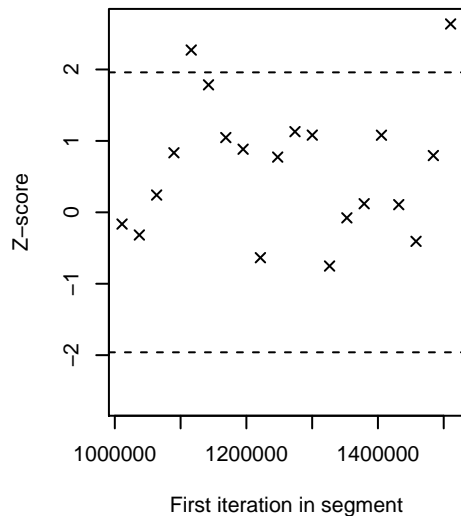
p[23,1] (chain2)



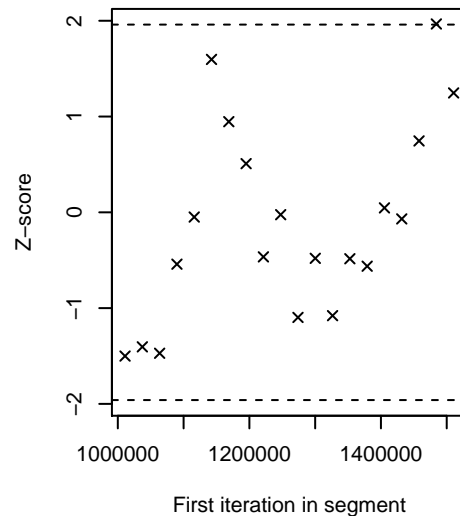
p[24,1] (chain2)



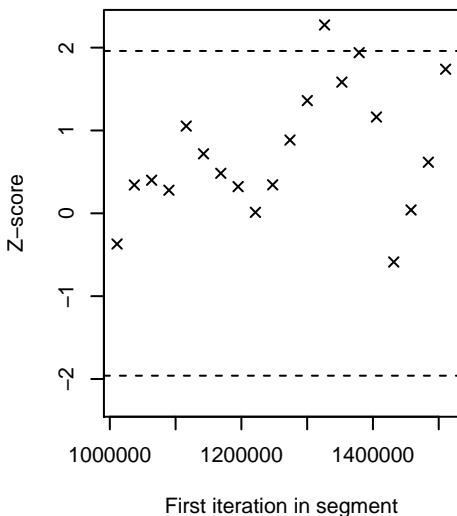
p[25,1] (chain2)



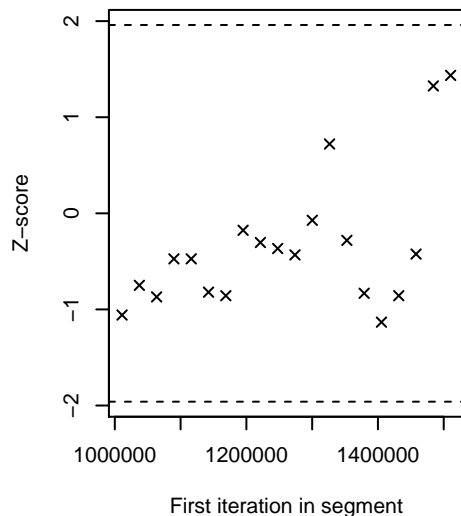
p[26,1] (chain2)



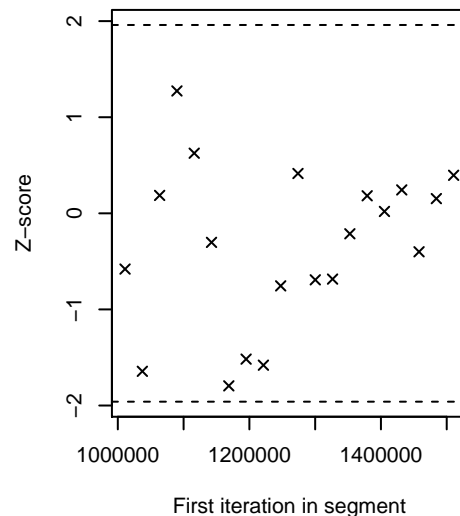
p[27,1] (chain2)



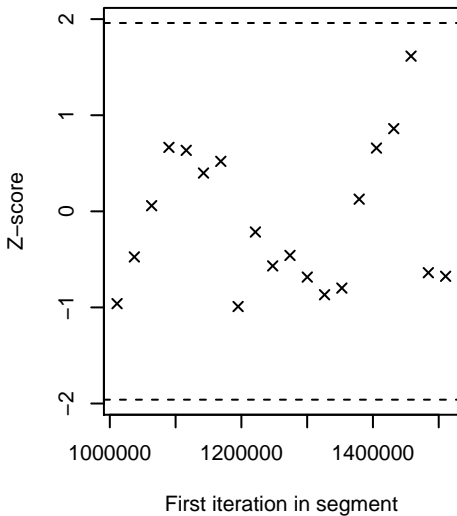
p[28,1] (chain2)



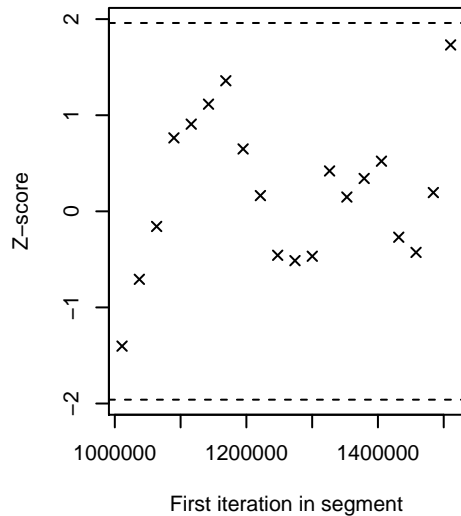
p[29,1] (chain2)



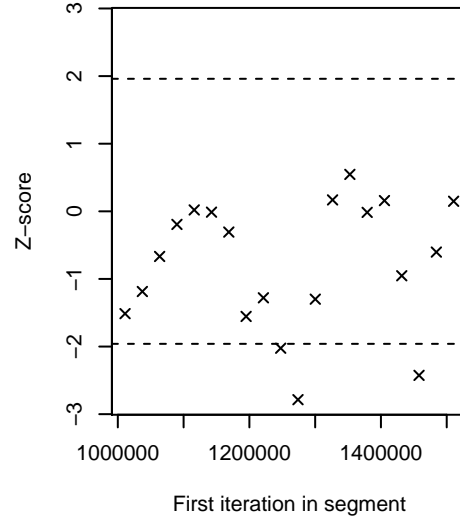
p[30,1] (chain2)



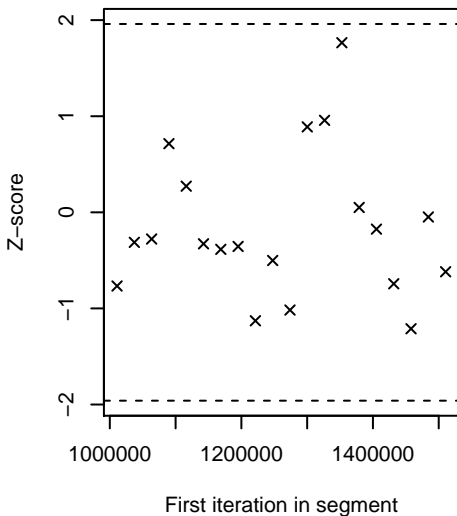
p[31,1] (chain2)



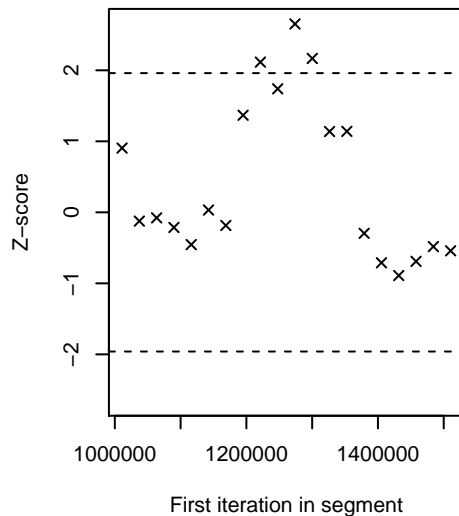
p[32,1] (chain2)



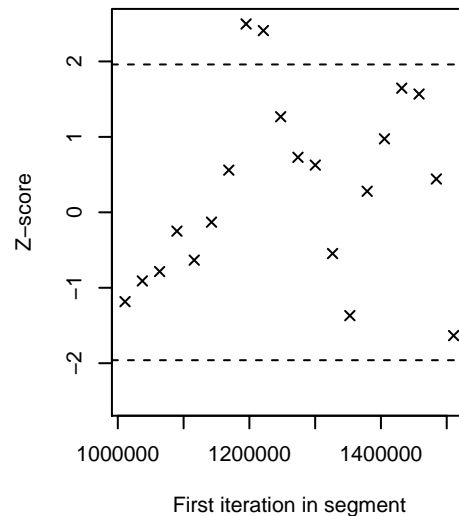
p[33,1] (chain2)



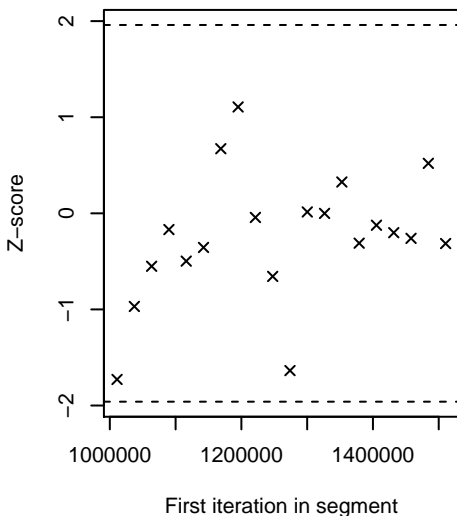
p[34,1] (chain2)



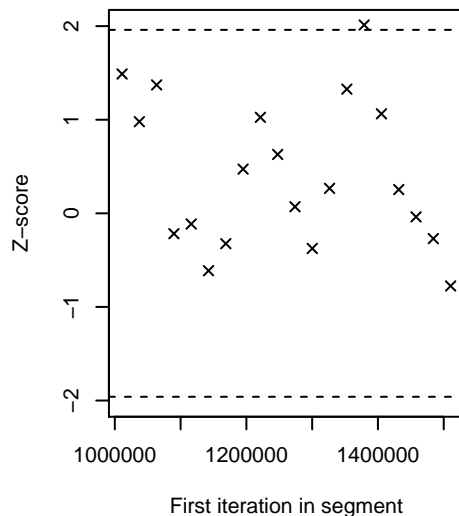
p[35,1] (chain2)



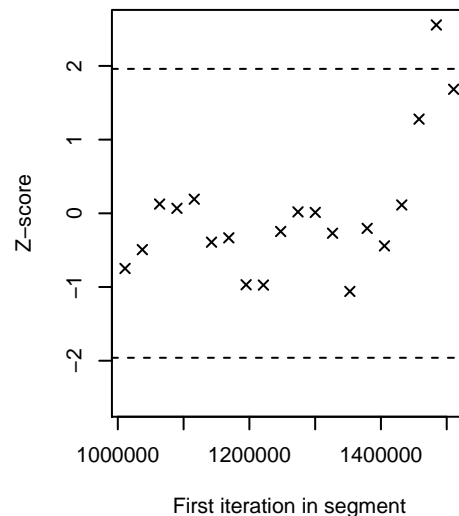
p[36,1] (chain2)



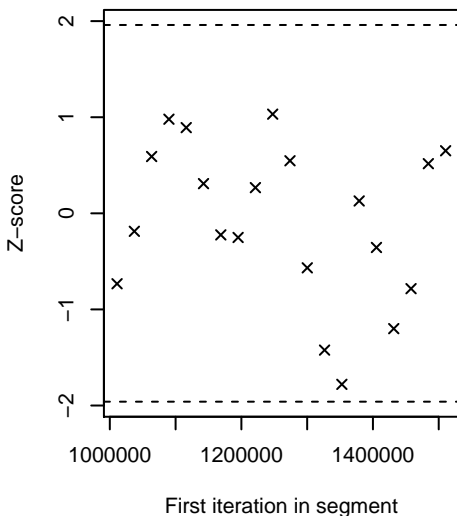
p[37,1] (chain2)



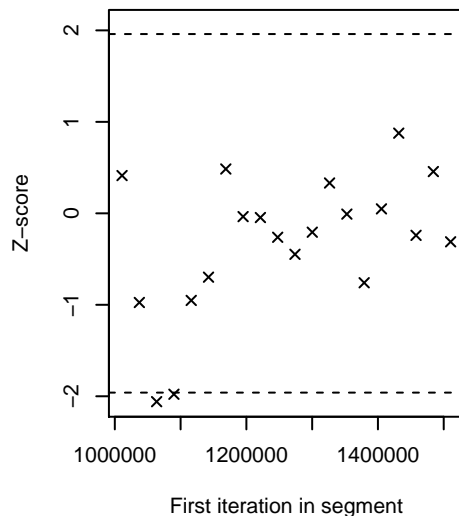
p[38,1] (chain2)



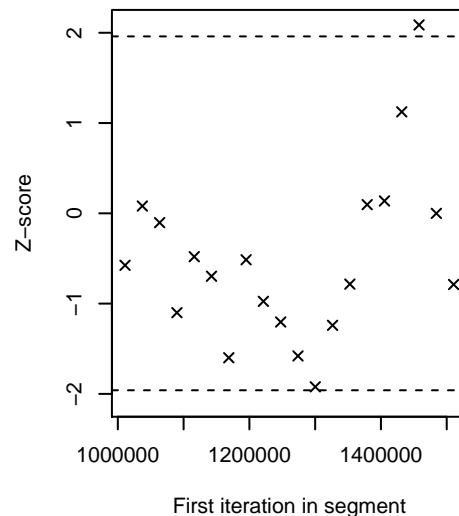
p[39,1] (chain2)



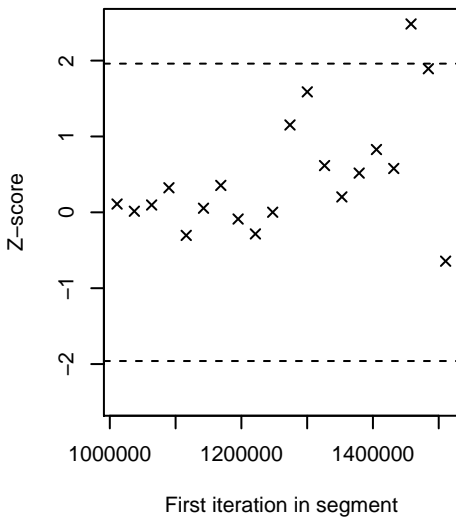
p[1,2] (chain2)



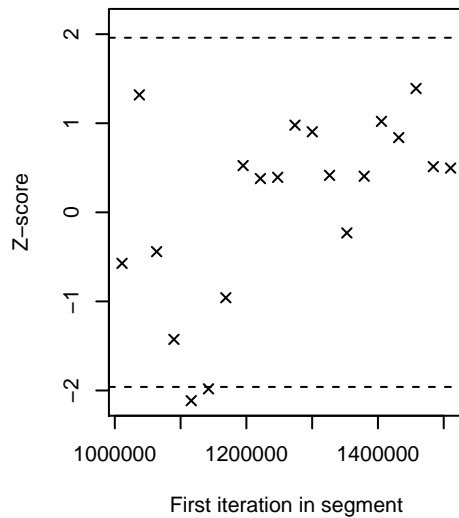
p[2,2] (chain2)



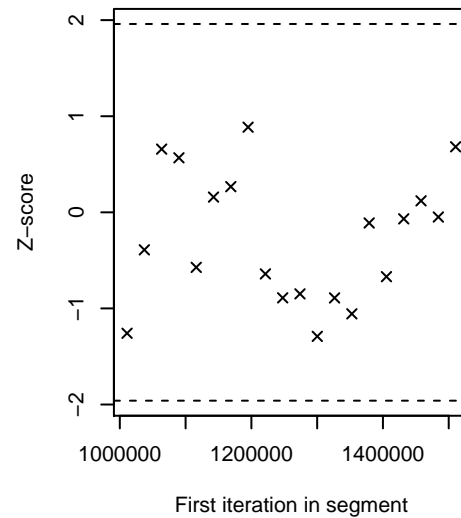
p[3,2] (chain2)



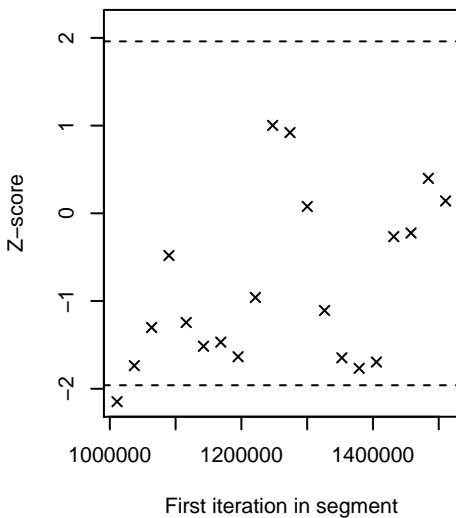
p[4,2] (chain2)



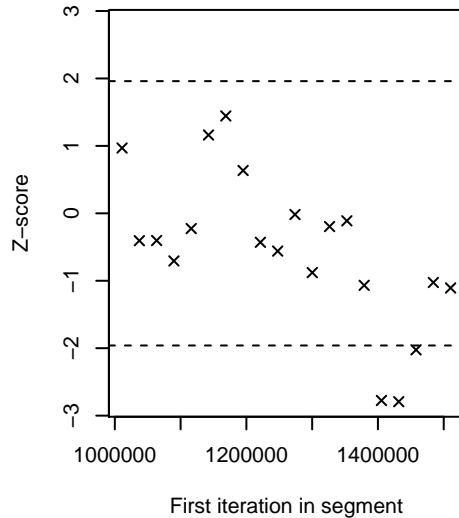
p[5,2] (chain2)



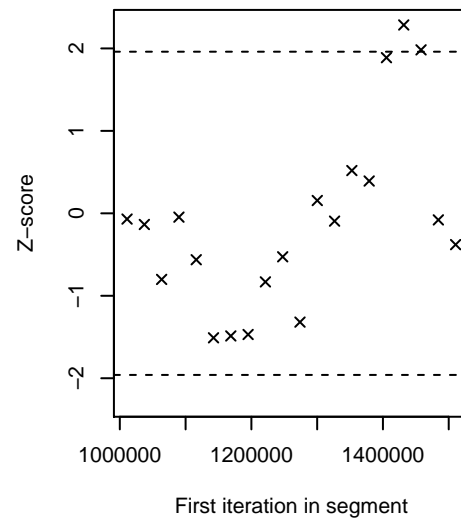
p[6,2] (chain2)



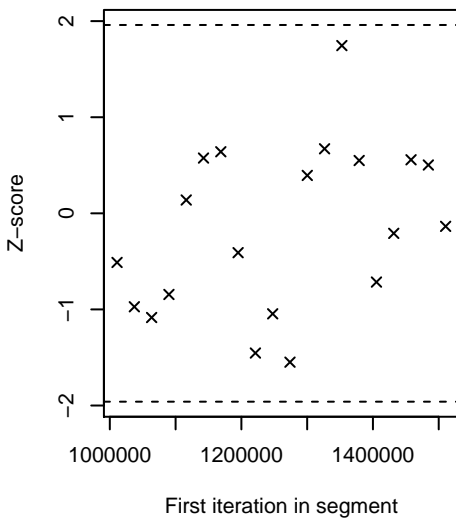
p[7,2] (chain2)



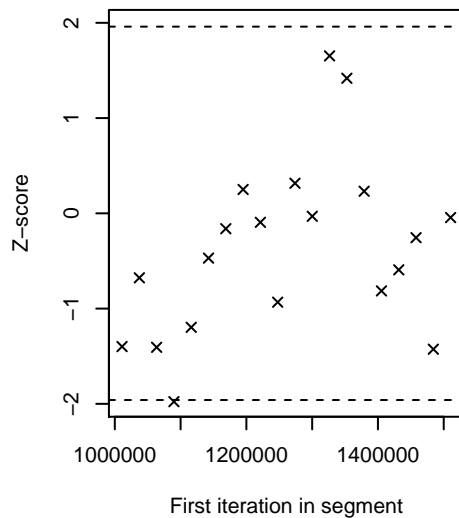
p[8,2] (chain2)



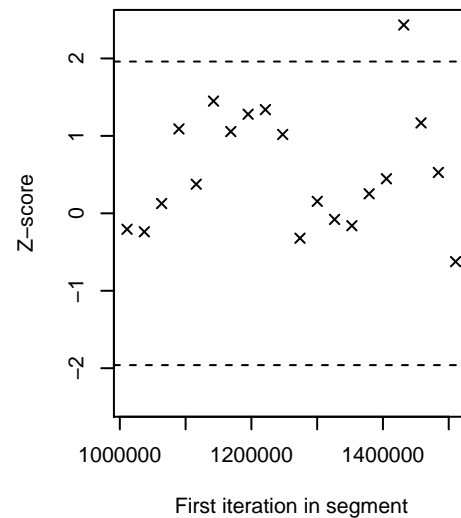
p[9,2] (chain2)



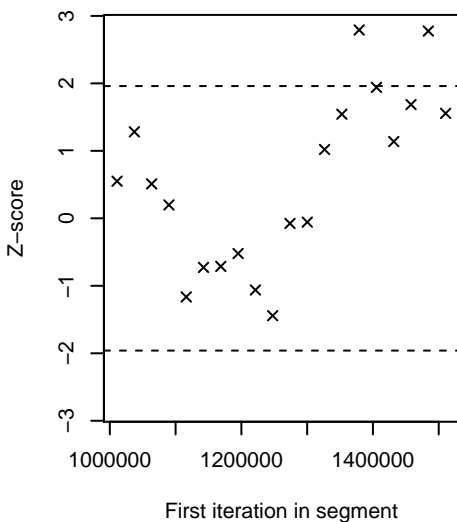
p[10,2] (chain2)



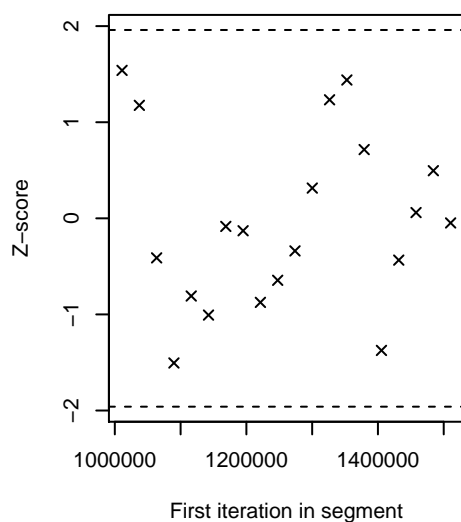
p[11,2] (chain2)



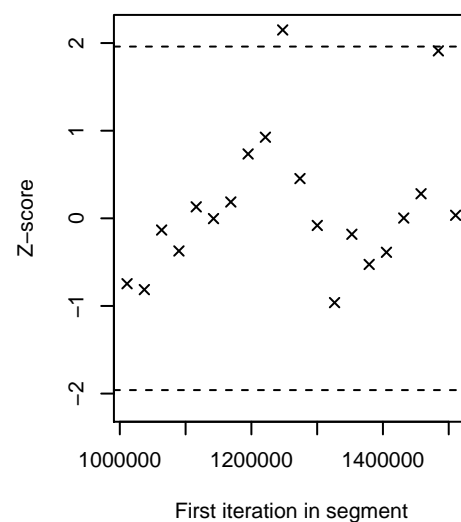
p[12,2] (chain2)



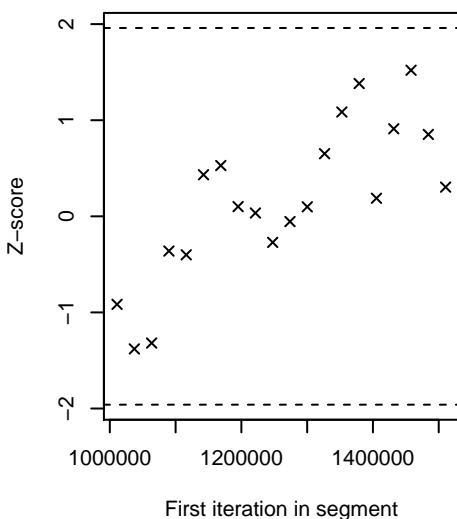
p[13,2] (chain2)



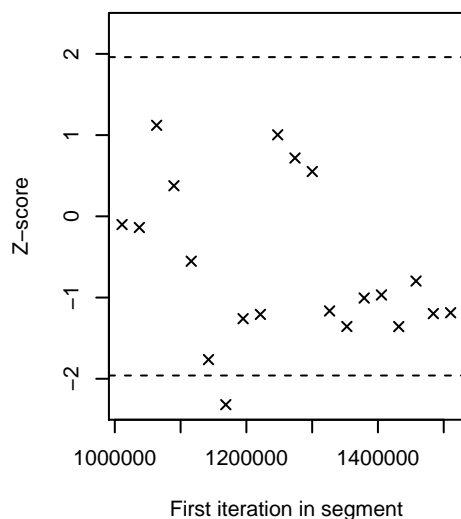
p[14,2] (chain2)



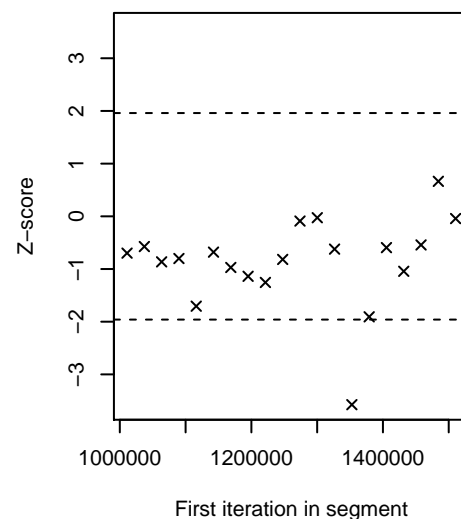
p[15,2] (chain2)



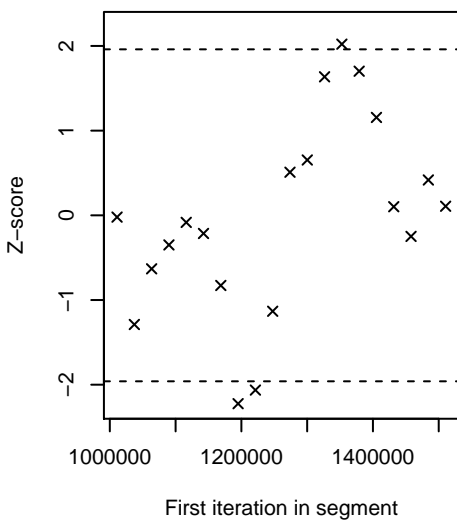
p[16,2] (chain2)



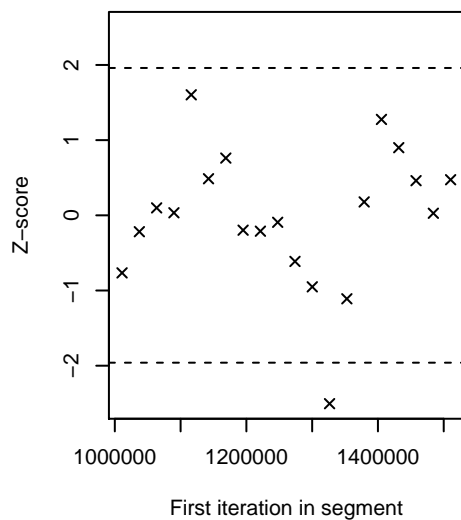
p[17,2] (chain2)



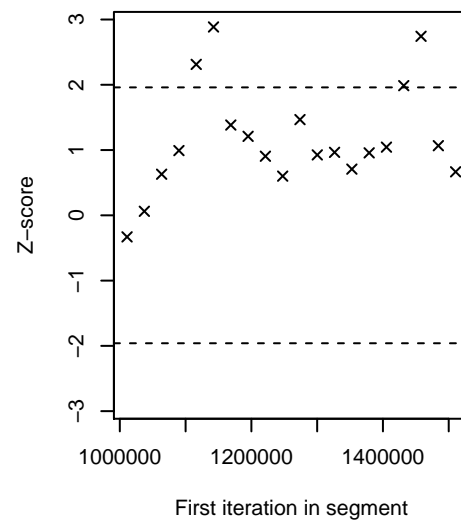
p[18,2] (chain2)



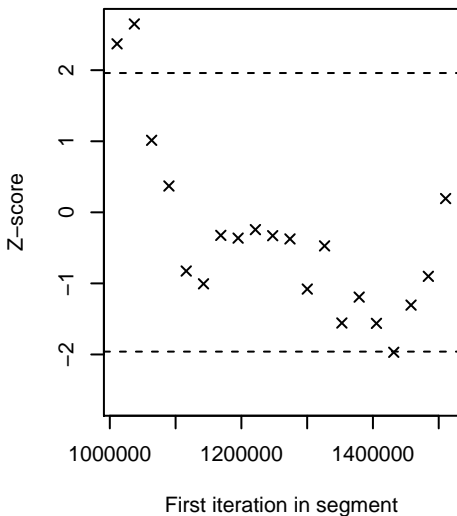
p[19,2] (chain2)



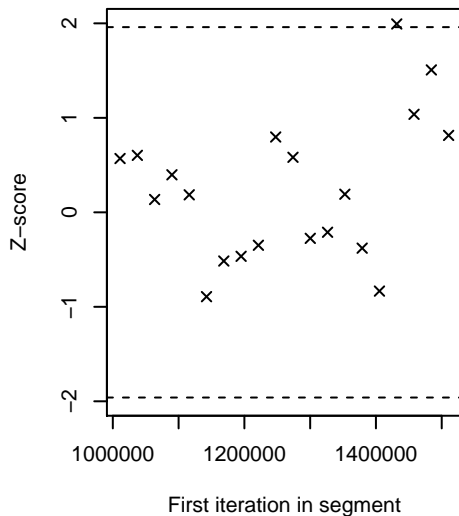
p[20,2] (chain2)



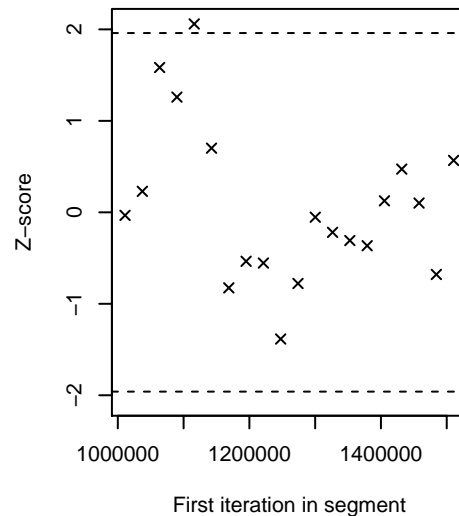
p[21,2] (chain2)



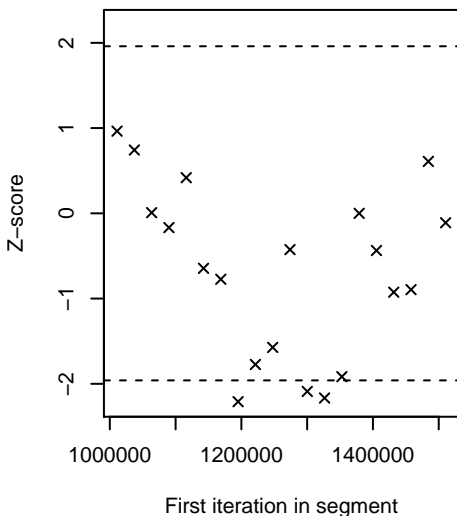
p[22,2] (chain2)



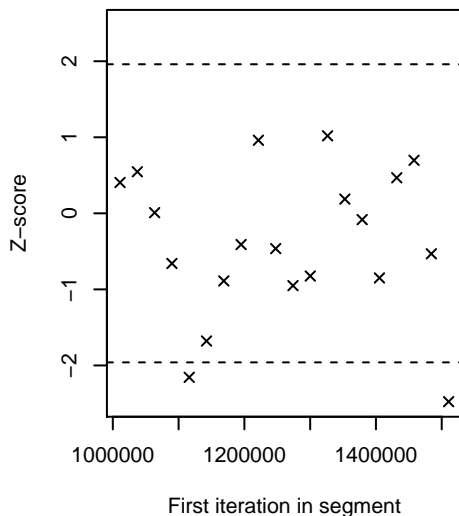
p[23,2] (chain2)



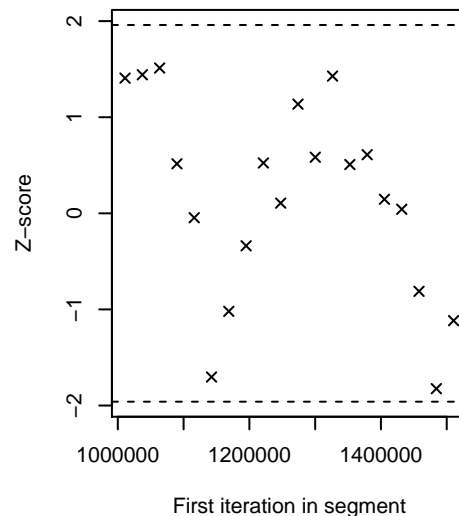
p[24,2] (chain2)



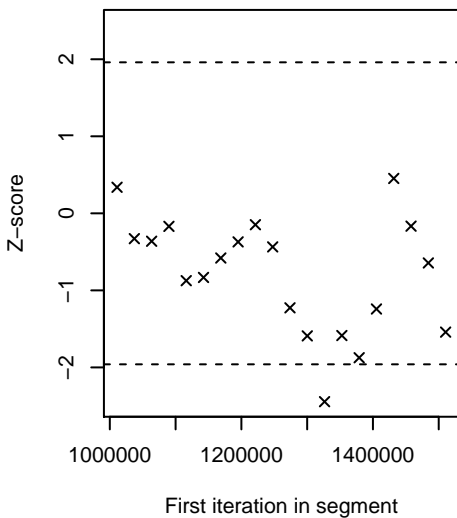
p[25,2] (chain2)



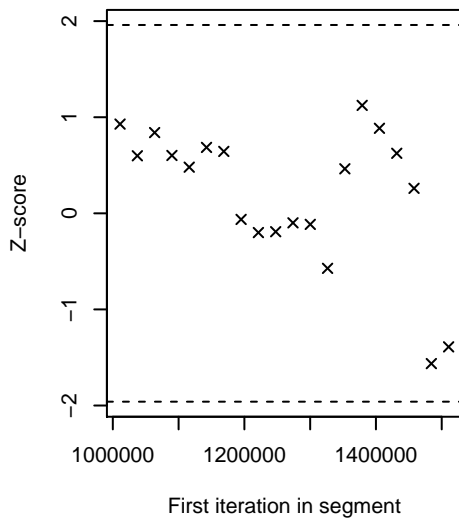
p[26,2] (chain2)



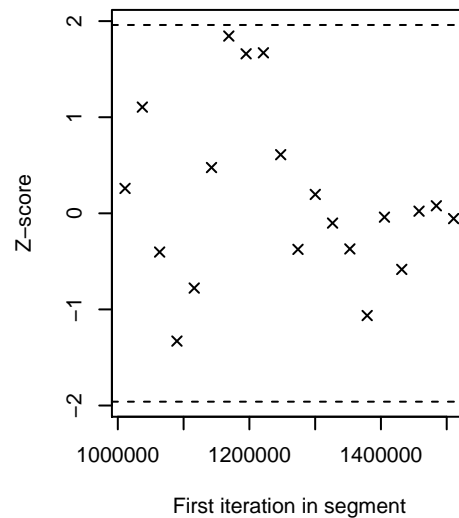
p[27,2] (chain2)



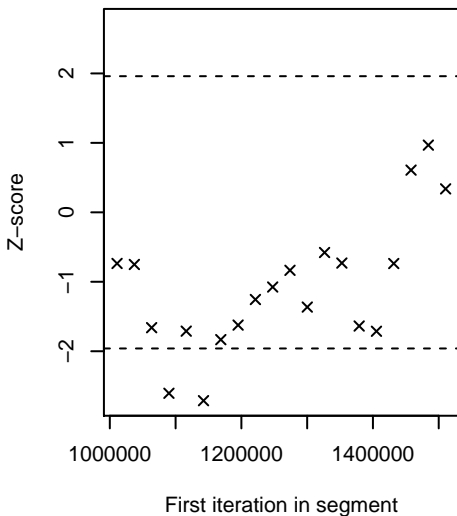
p[28,2] (chain2)



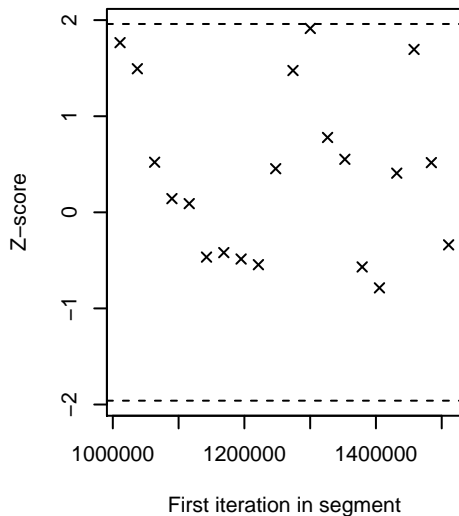
p[29,2] (chain2)



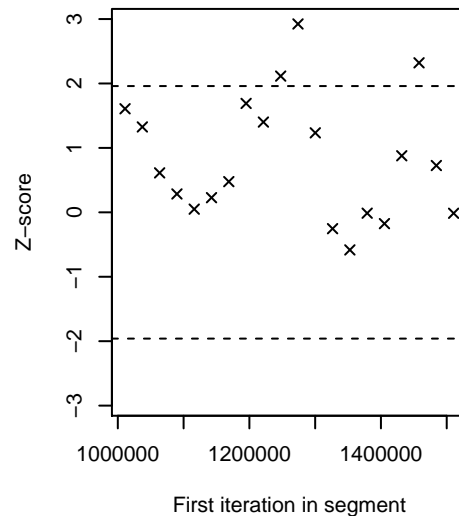
p[30,2] (chain2)



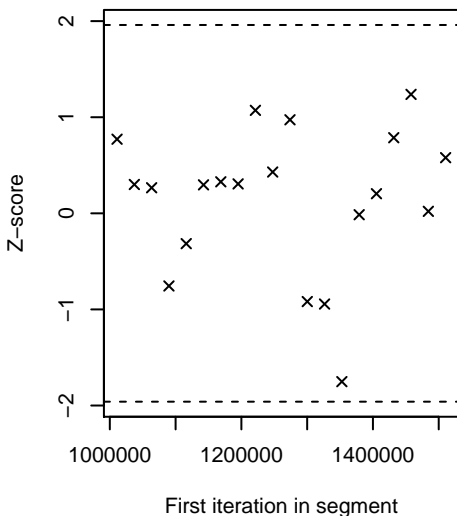
p[31,2] (chain2)



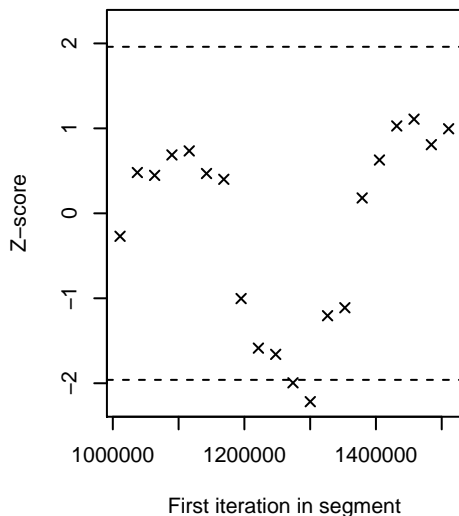
p[32,2] (chain2)



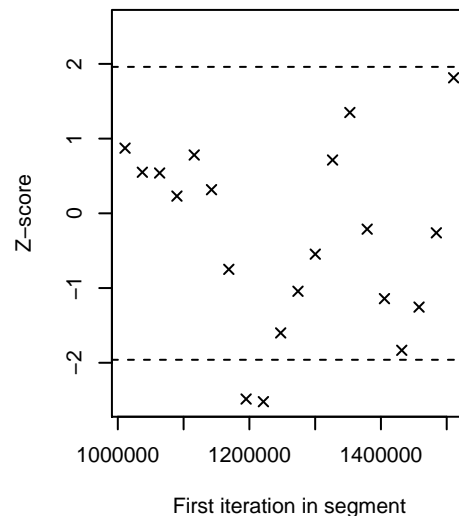
p[33,2] (chain2)



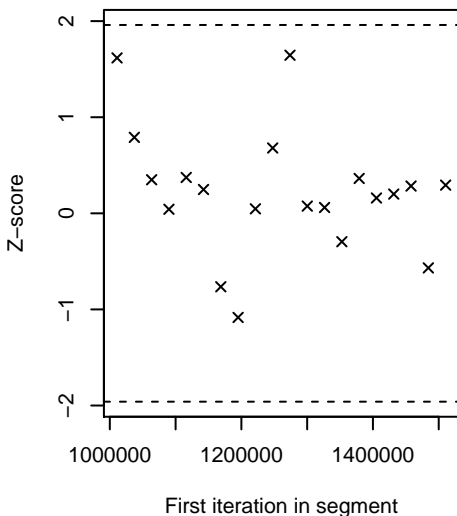
p[34,2] (chain2)



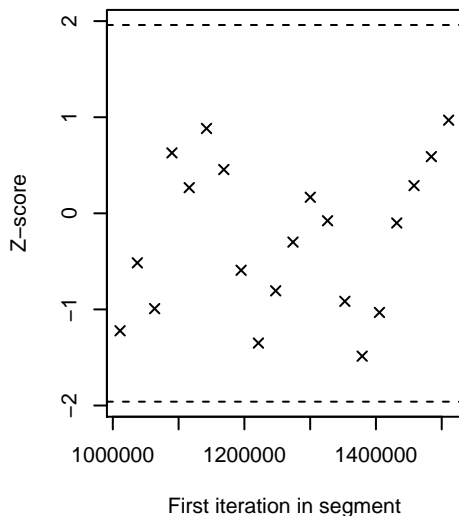
p[35,2] (chain2)



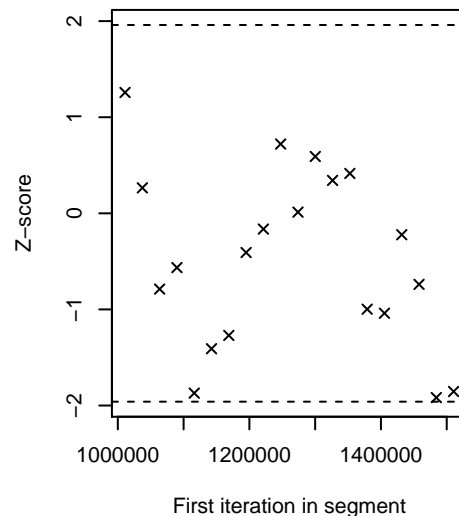
p[36,2] (chain2)



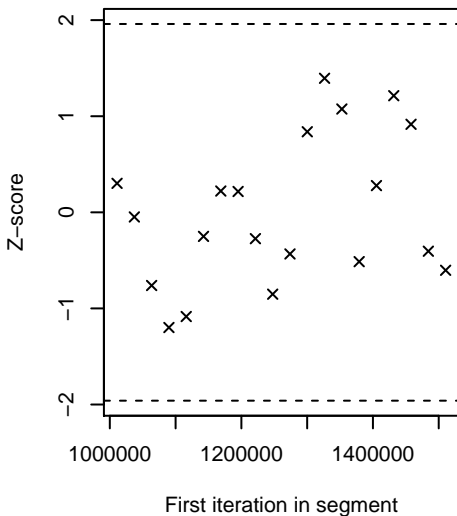
p[37,2] (chain2)



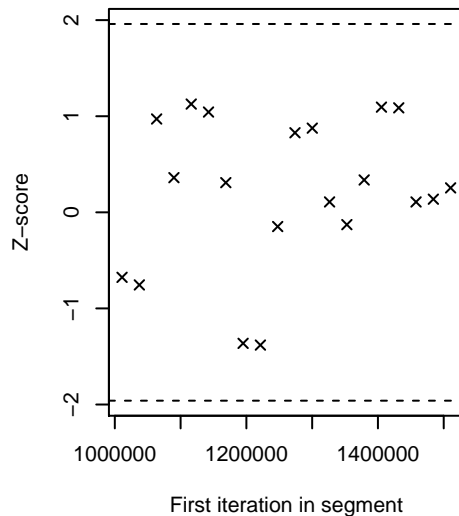
p[38,2] (chain2)



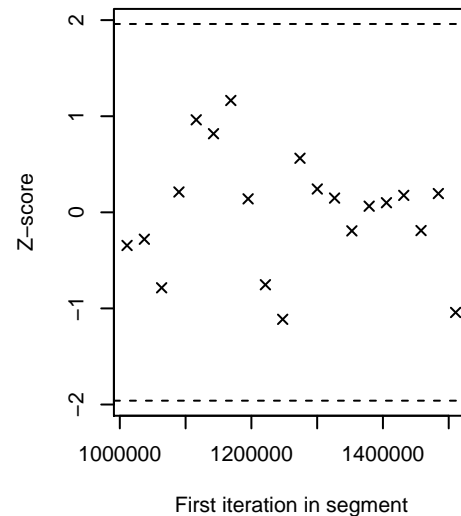
p[39,2] (chain2)



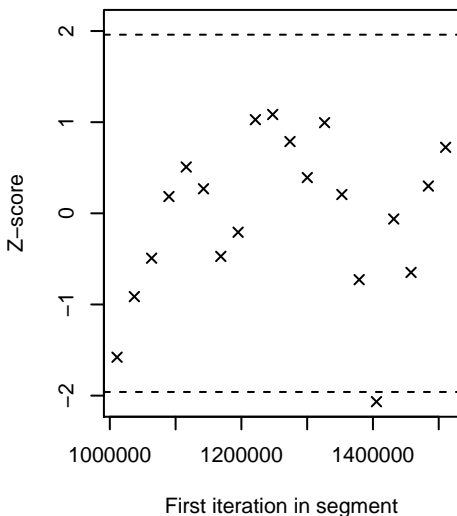
p[1,3] (chain2)



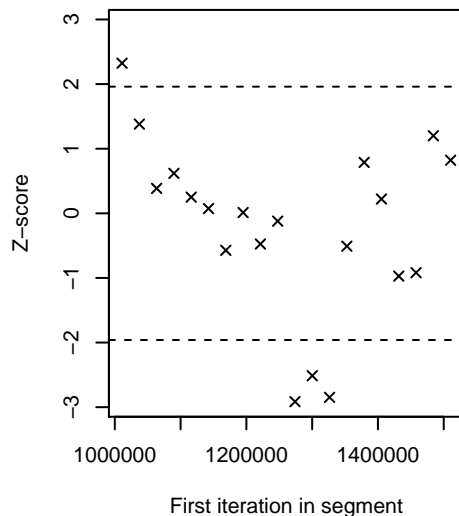
p[2,3] (chain2)



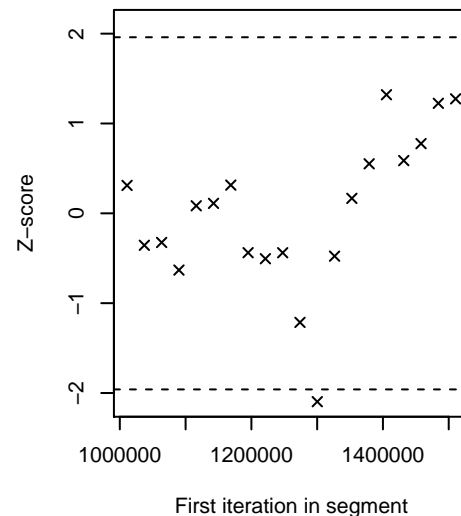
p[3,3] (chain2)



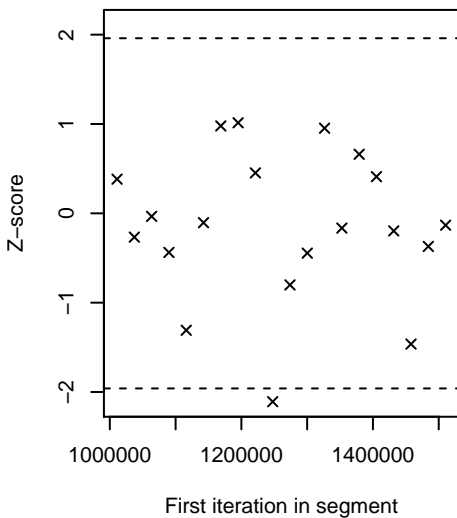
p[4,3] (chain2)



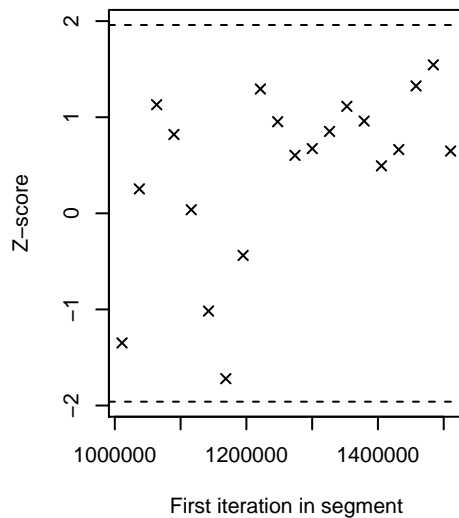
p[5,3] (chain2)



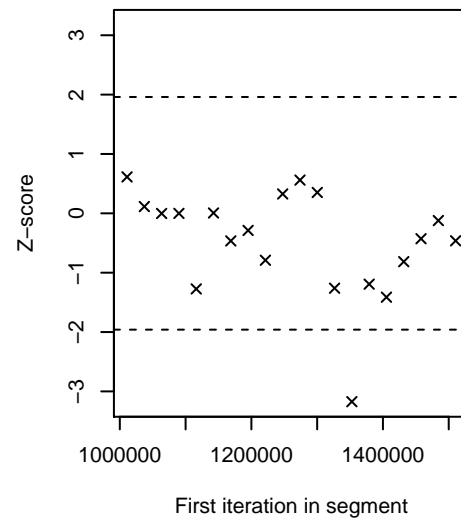
p[6,3] (chain2)



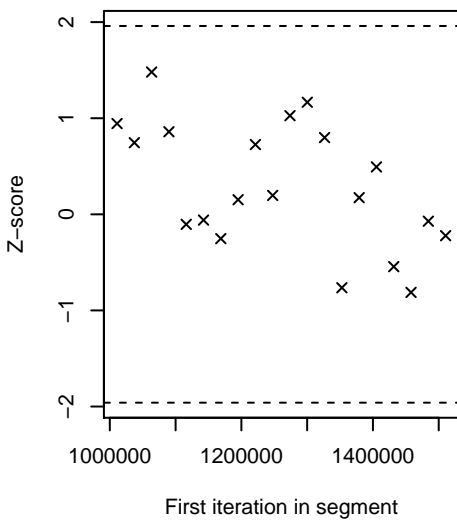
p[7,3] (chain2)



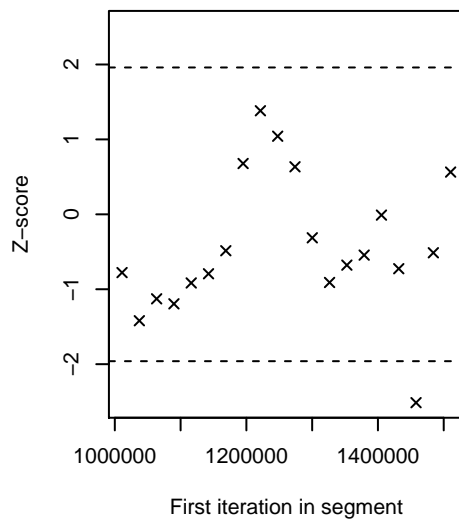
p[8,3] (chain2)



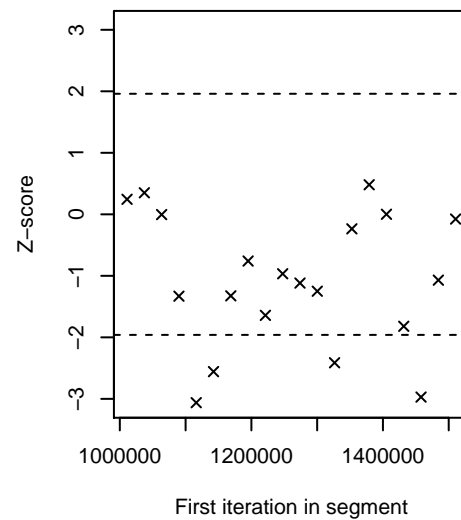
p[9,3] (chain2)



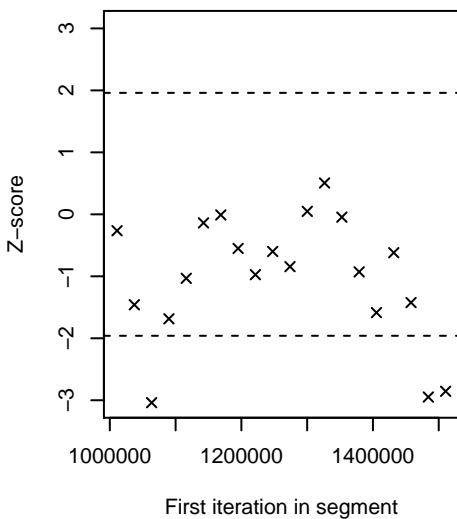
p[10,3] (chain2)



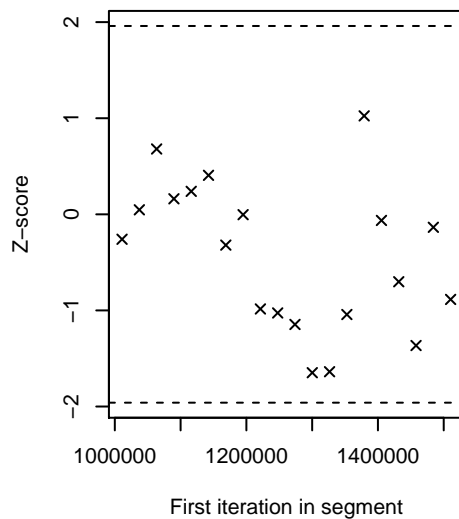
p[11,3] (chain2)



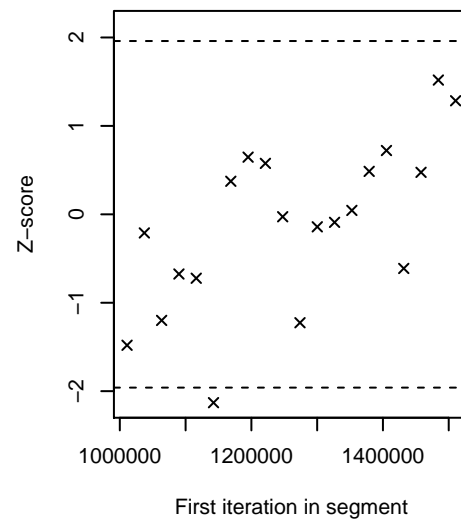
p[12,3] (chain2)



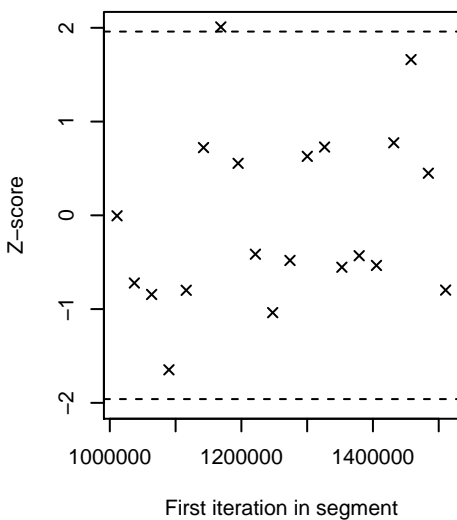
p[13,3] (chain2)



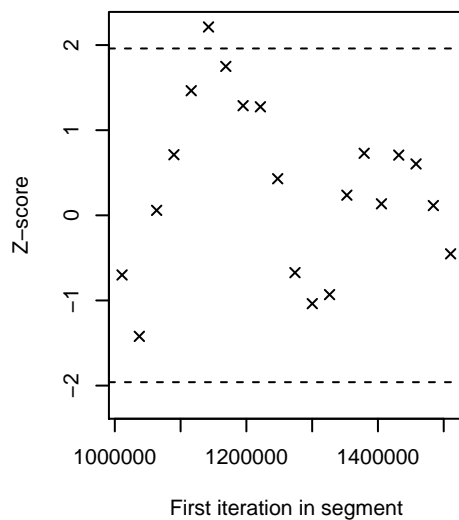
p[14,3] (chain2)



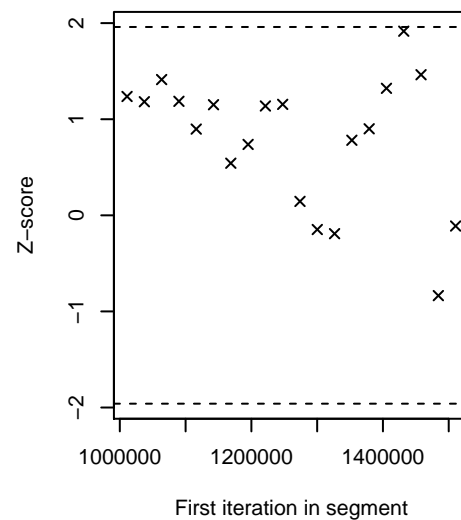
p[15,3] (chain2)



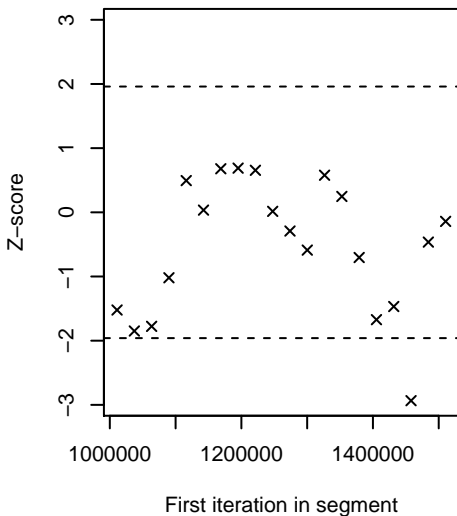
p[16,3] (chain2)



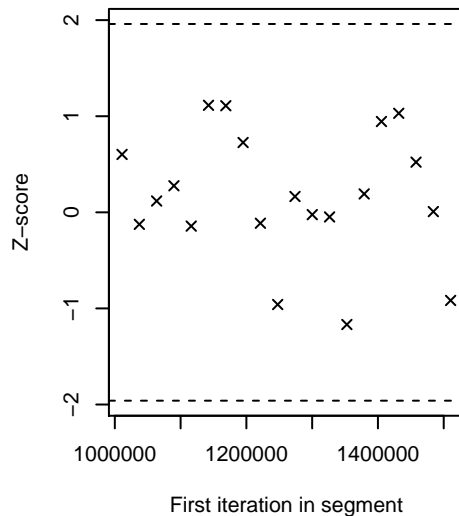
p[17,3] (chain2)



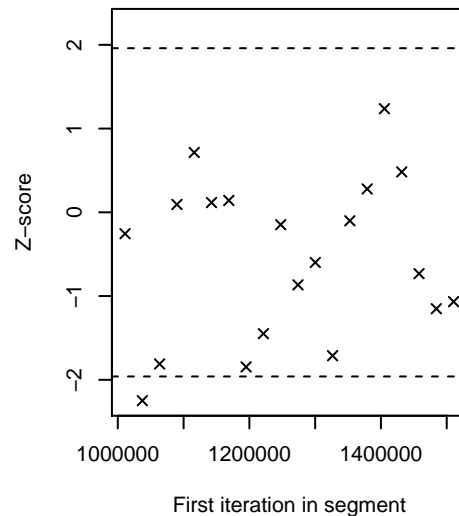
p[18,3] (chain2)



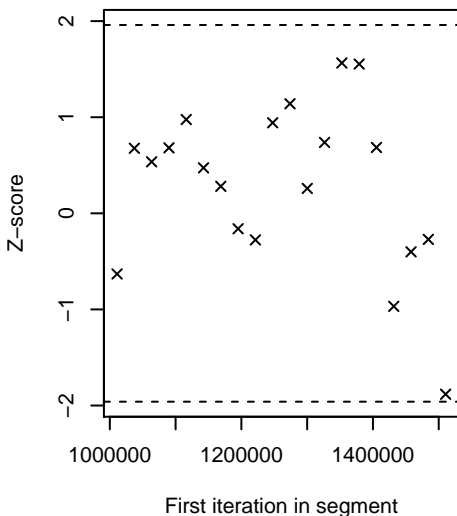
p[19,3] (chain2)



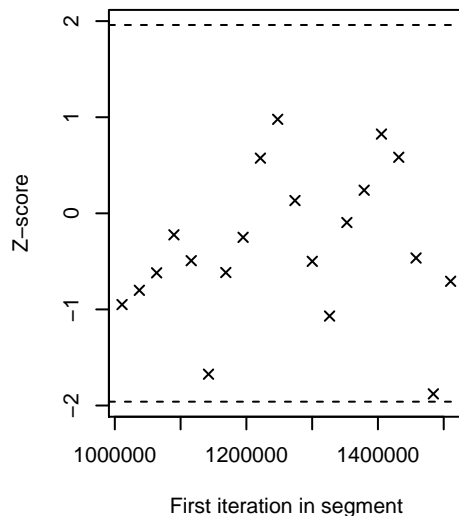
p[20,3] (chain2)



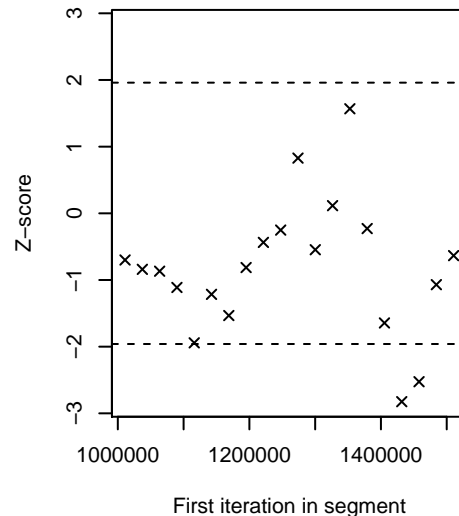
p[21,3] (chain2)



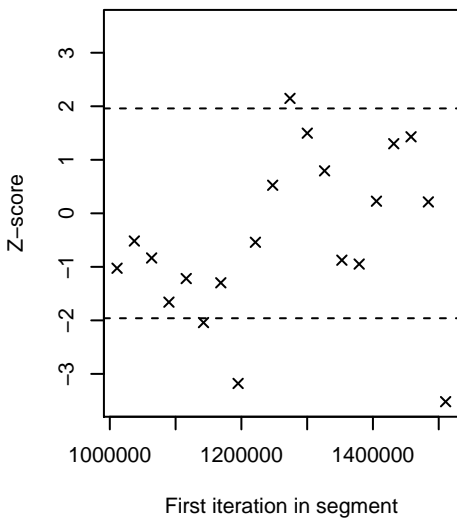
p[22,3] (chain2)



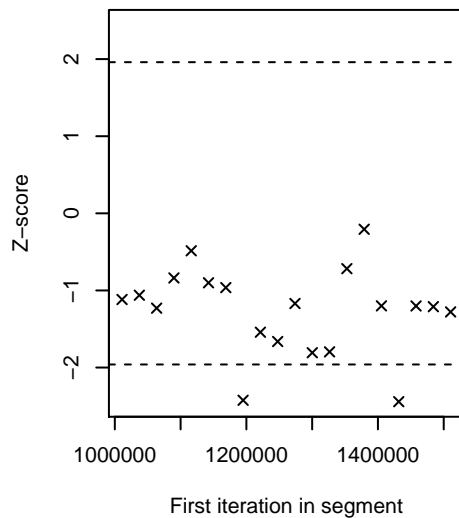
p[23,3] (chain2)



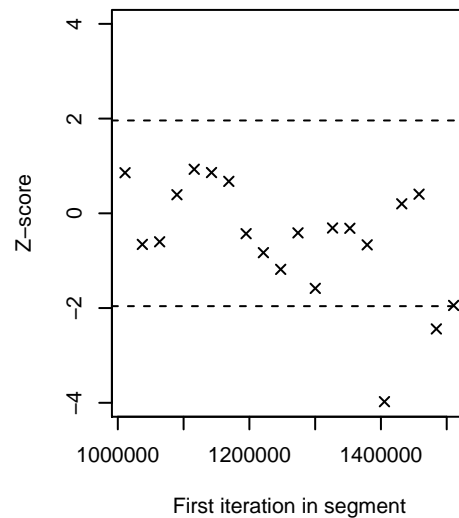
p[24,3] (chain2)



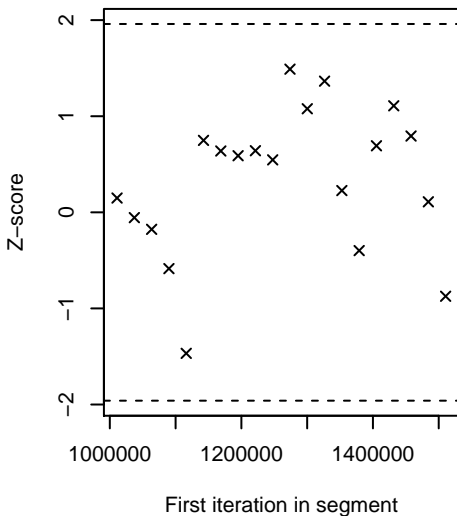
p[25,3] (chain2)



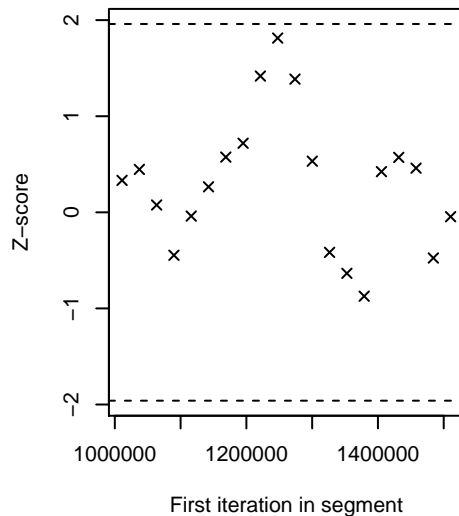
p[26,3] (chain2)



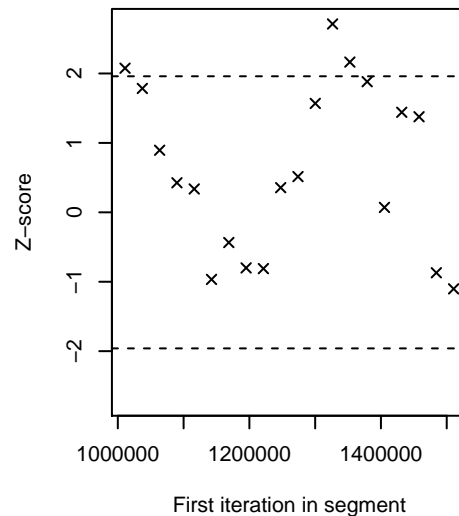
p[27,3] (chain2)



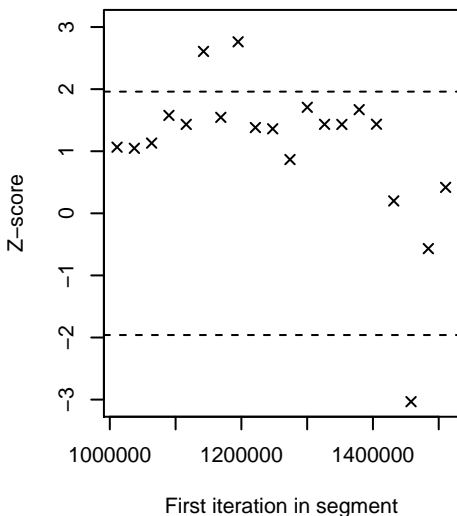
p[28,3] (chain2)



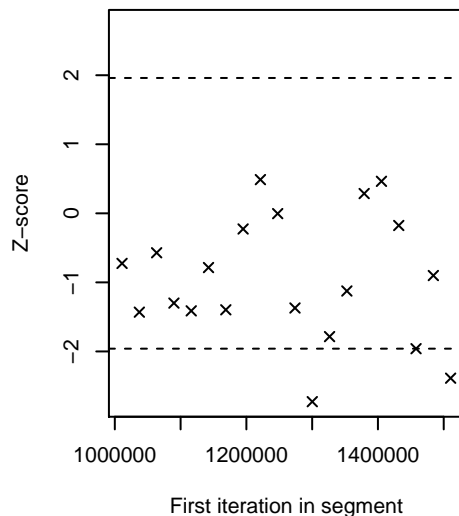
p[29,3] (chain2)



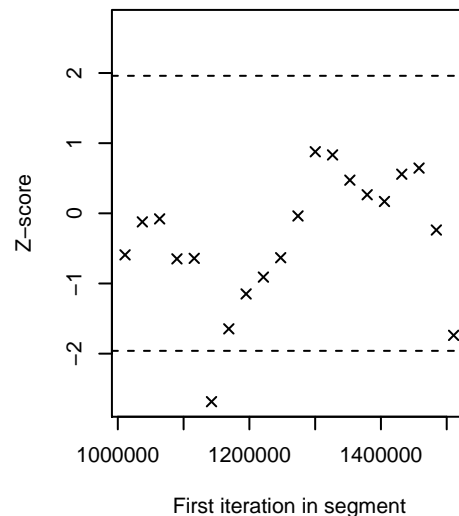
p[30,3] (chain2)



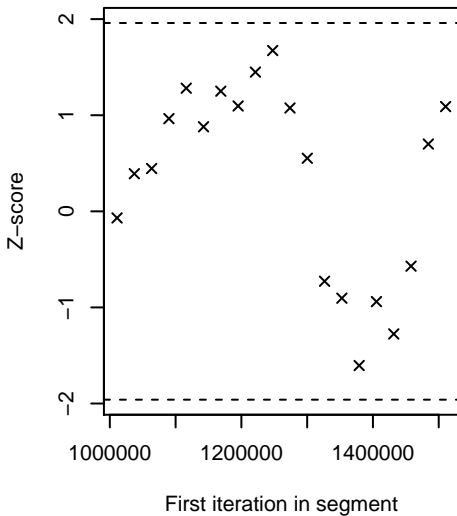
p[31,3] (chain2)



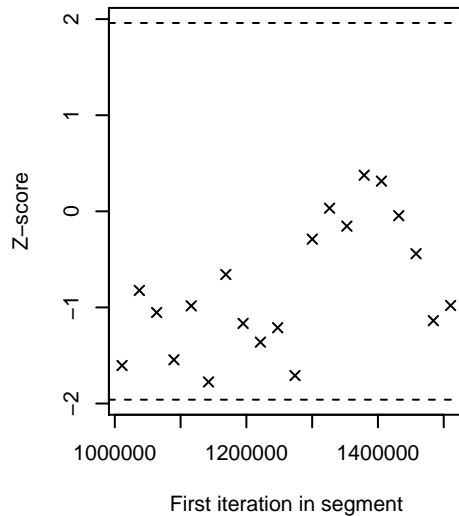
p[32,3] (chain2)



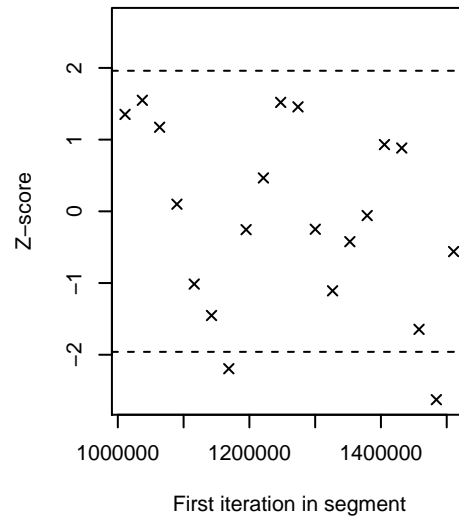
p[33,3] (chain2)



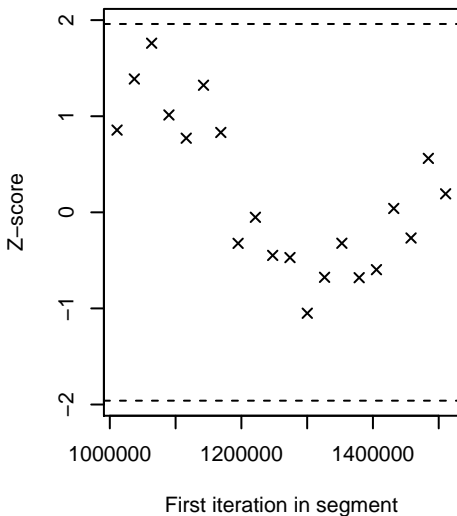
p[34,3] (chain2)



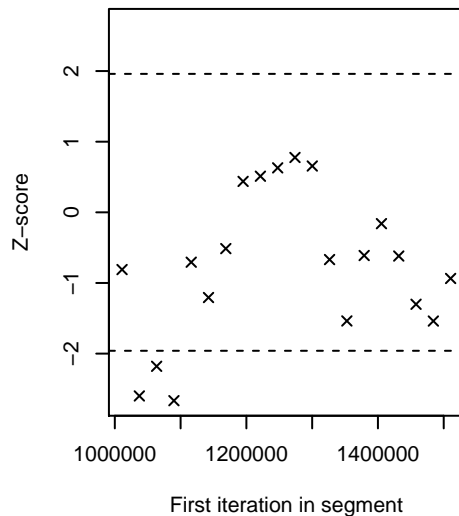
p[35,3] (chain2)



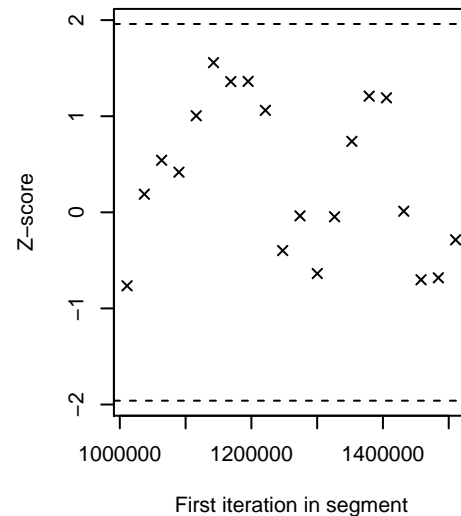
p[36,3] (chain2)



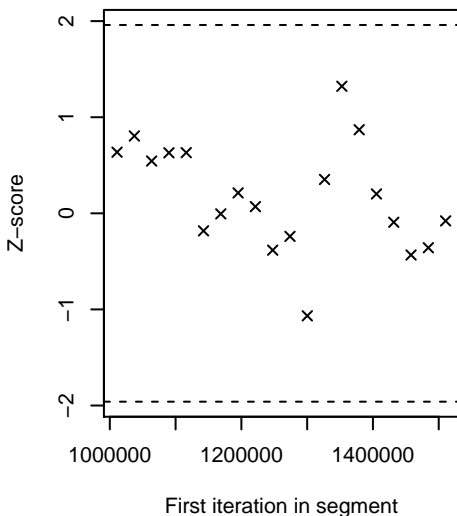
p[37,3] (chain2)



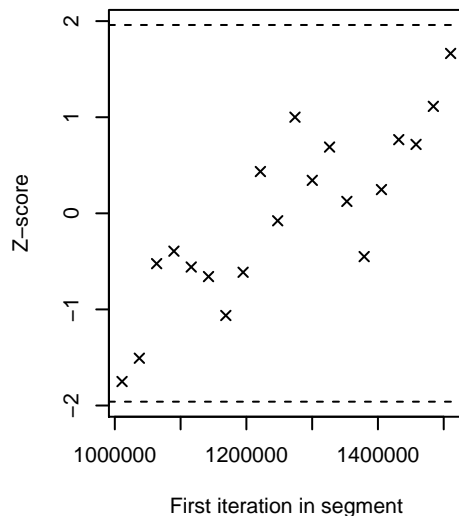
p[38,3] (chain2)



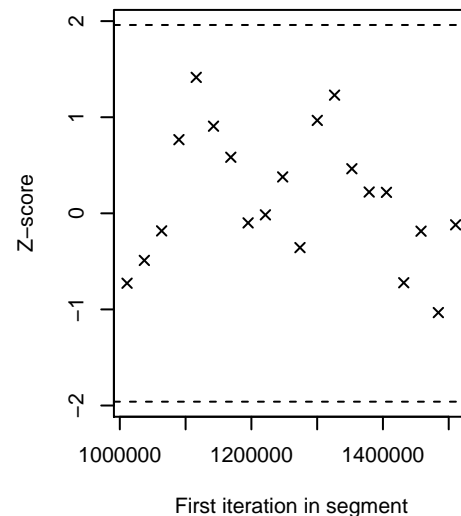
p[39,3] (chain2)



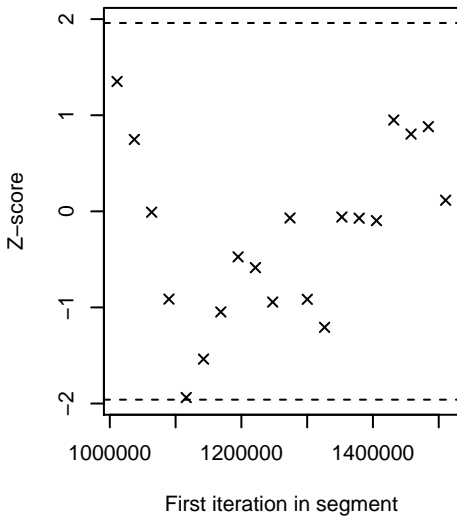
phi (chain2)



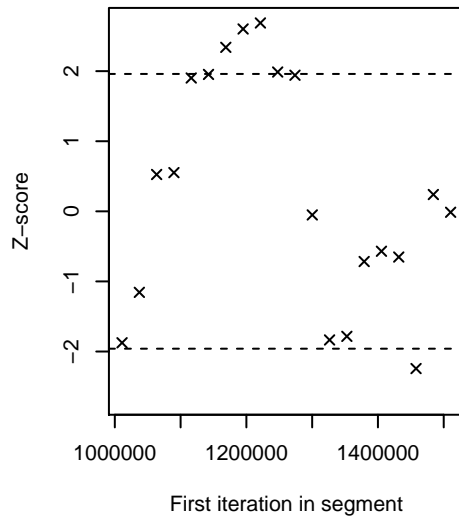
pi[1] (chain2)



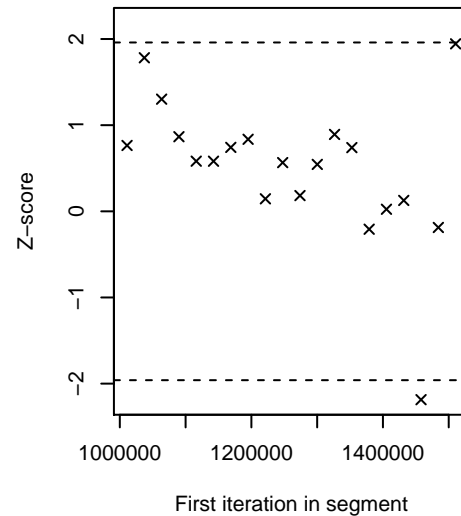
pi[2] (chain2)



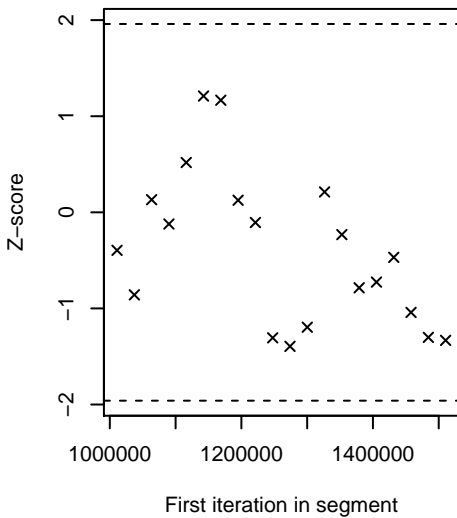
pi[3] (chain2)



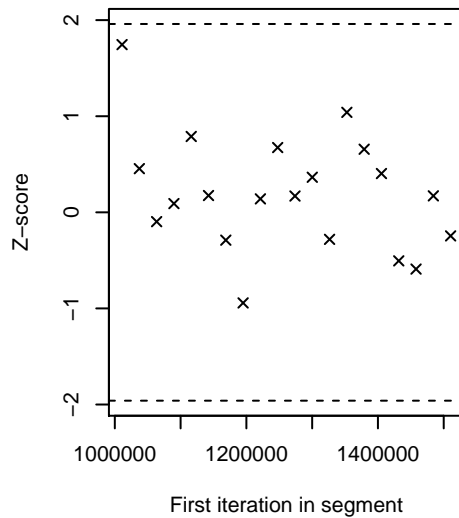
q[1,1] (chain2)



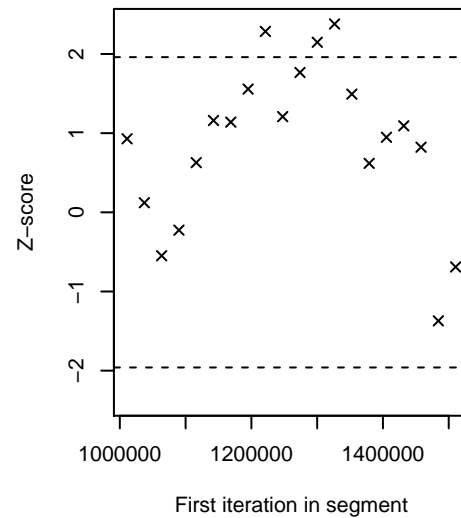
q[2,1] (chain2)



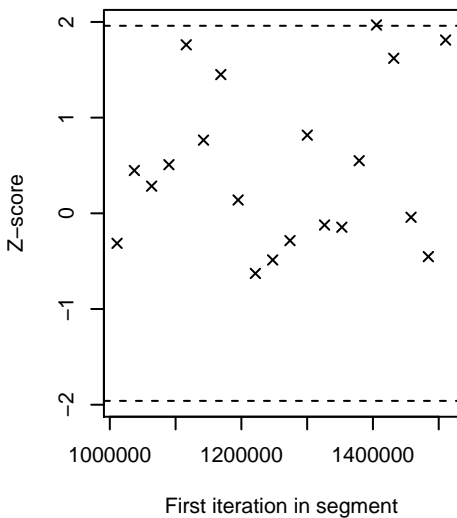
q[3,1] (chain2)



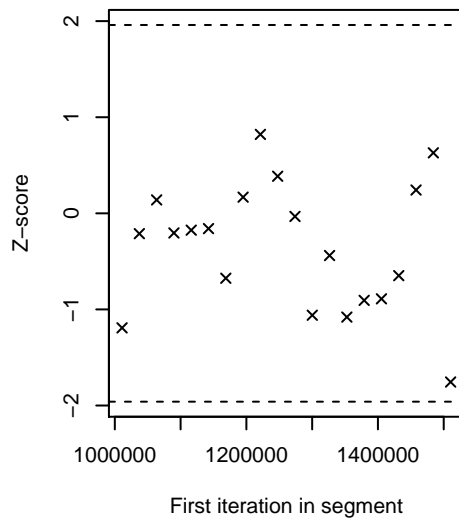
q[4,1] (chain2)



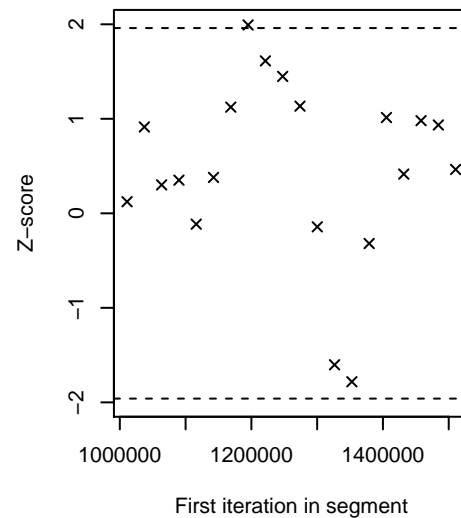
q[5,1] (chain2)



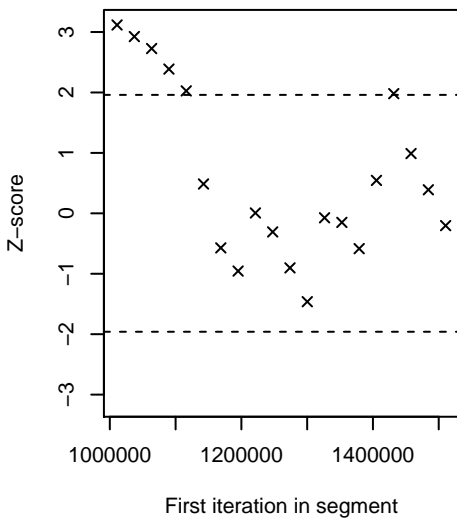
q[6,1] (chain2)



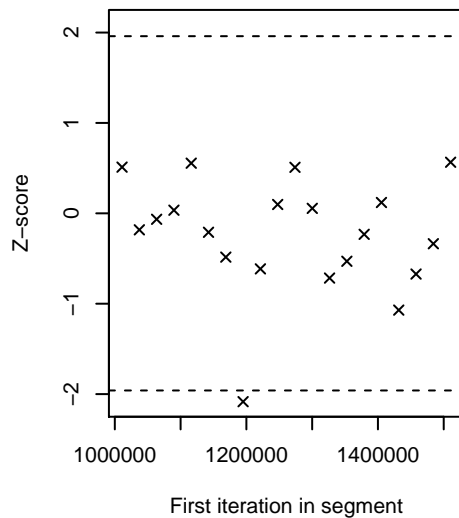
q[7,1] (chain2)



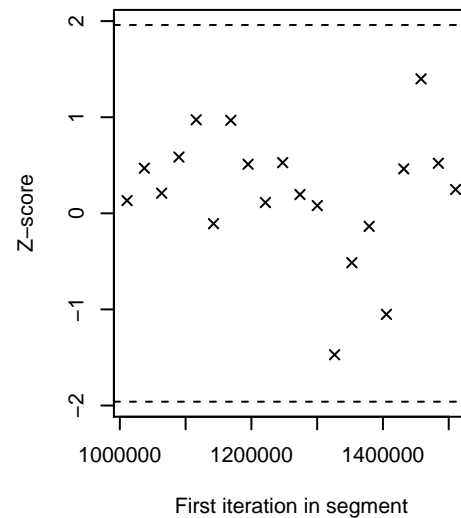
q[8,1] (chain2)



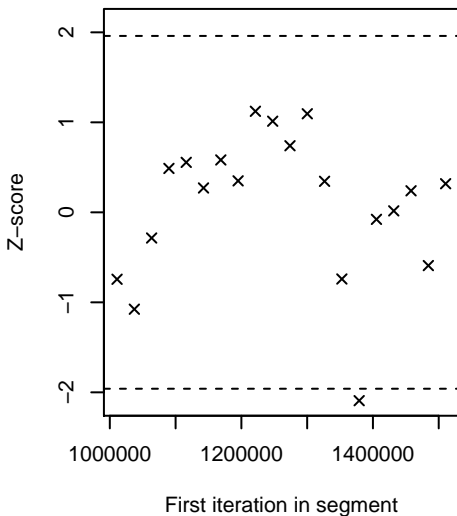
q[9,1] (chain2)



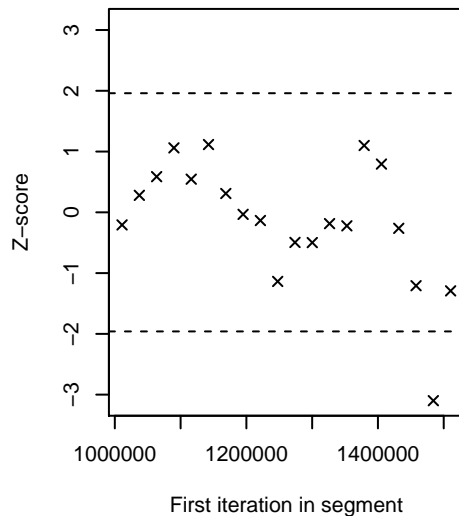
q[10,1] (chain2)



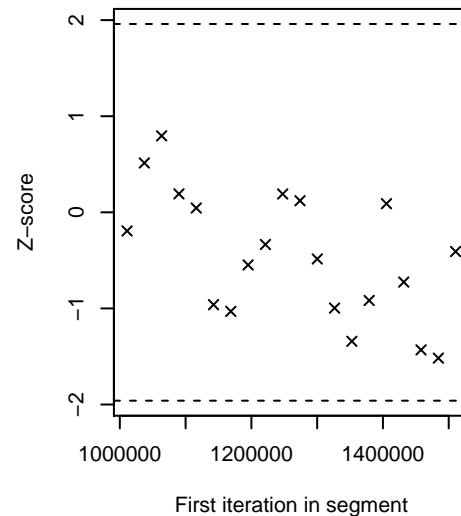
q[11,1] (chain2)



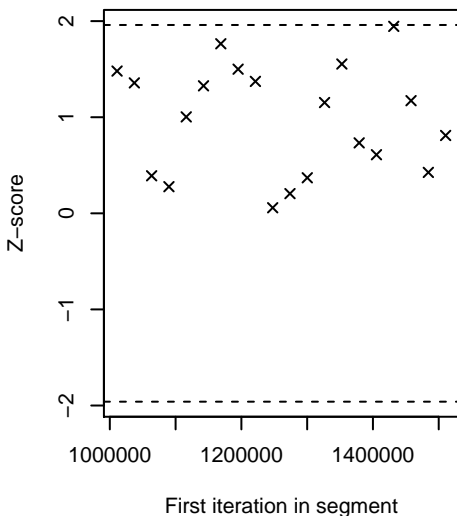
q[12,1] (chain2)



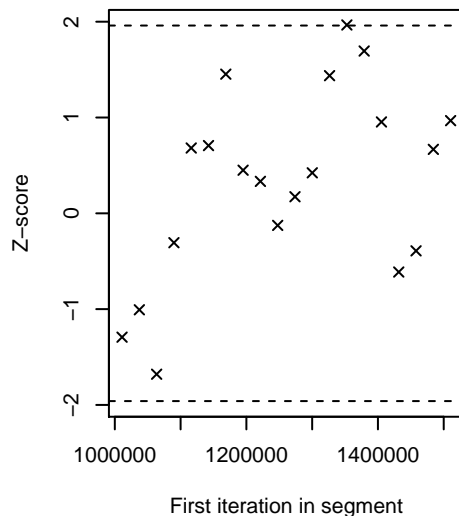
q[13,1] (chain2)



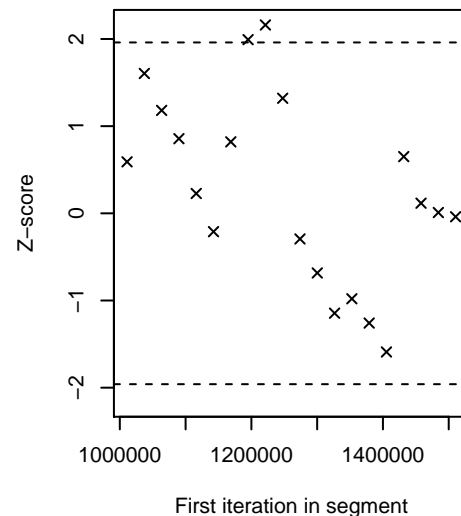
q[14,1] (chain2)



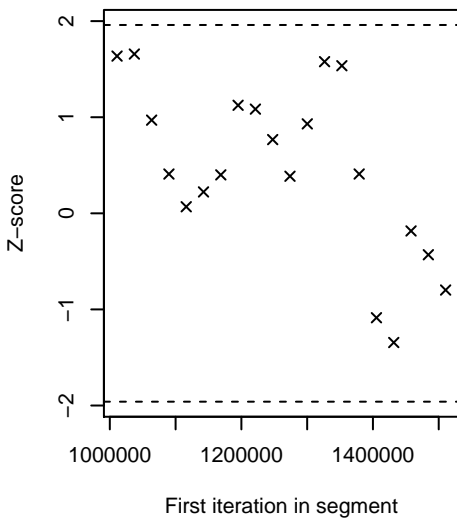
q[15,1] (chain2)



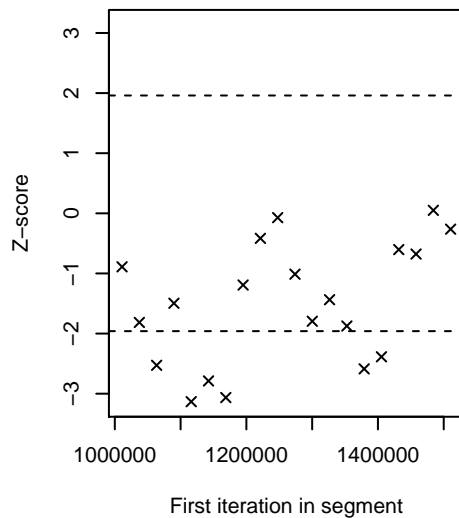
q[16,1] (chain2)



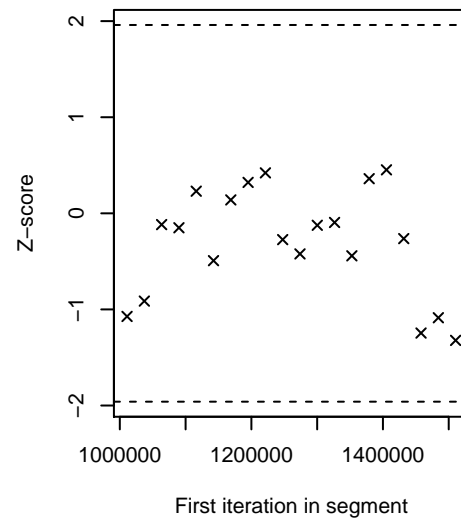
q[17,1] (chain2)



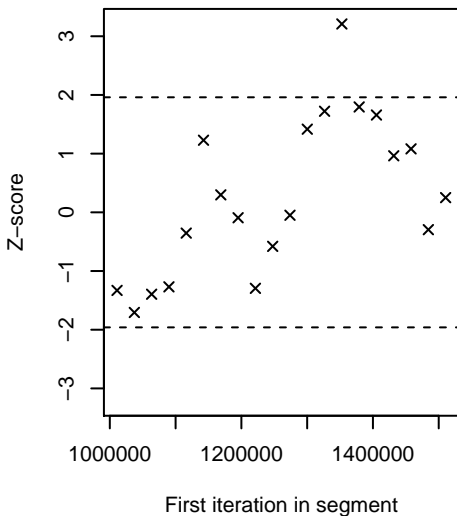
q[18,1] (chain2)



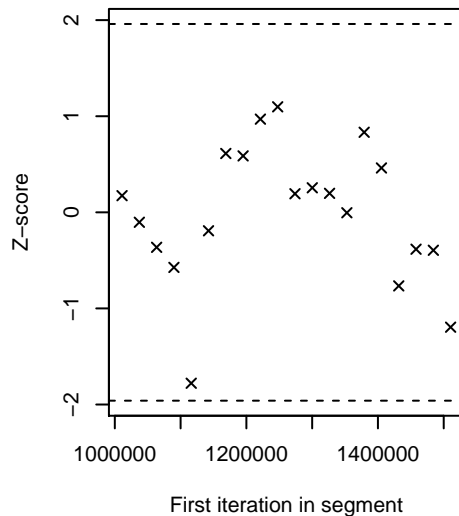
q[19,1] (chain2)



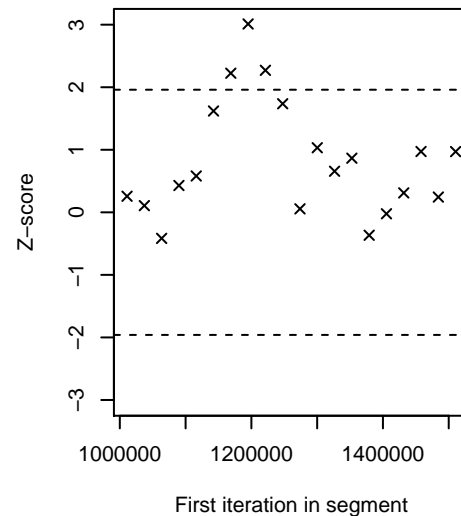
q[20,1] (chain2)



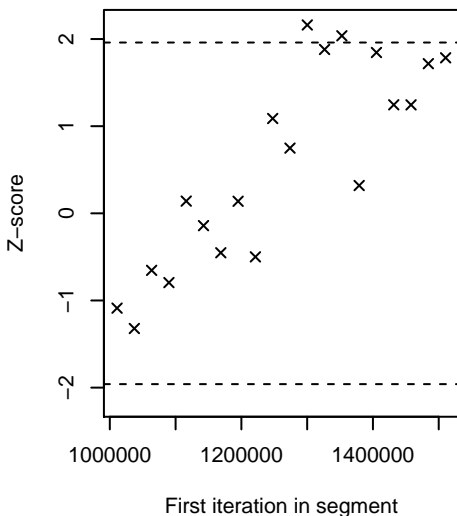
q[21,1] (chain2)



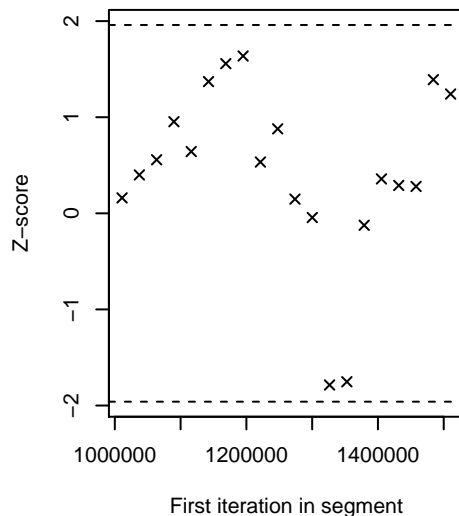
q[22,1] (chain2)



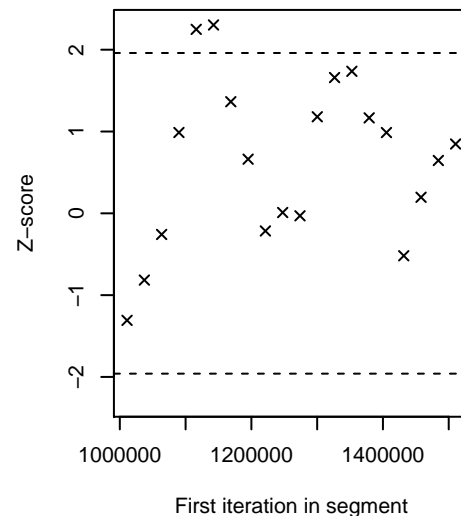
q[23,1] (chain2)



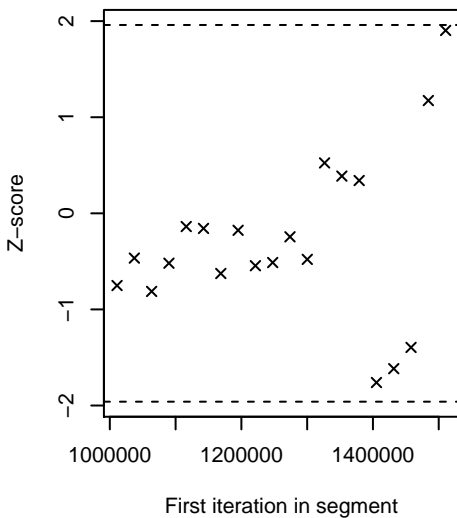
q[24,1] (chain2)



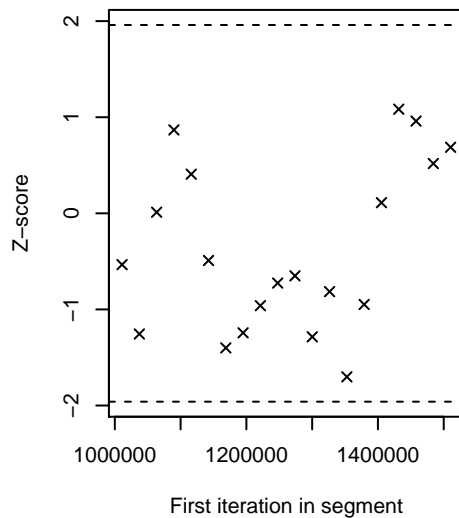
q[25,1] (chain2)



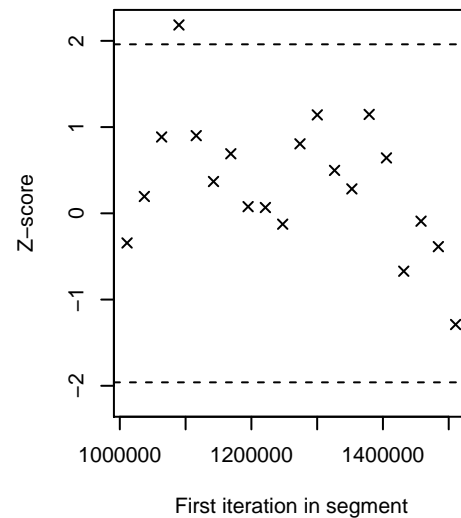
q[26,1] (chain2)



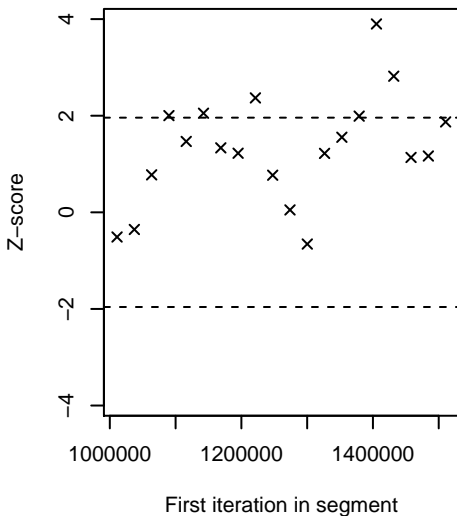
q[27,1] (chain2)



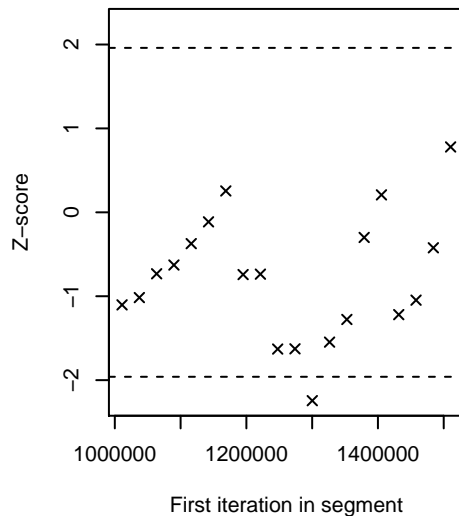
q[28,1] (chain2)



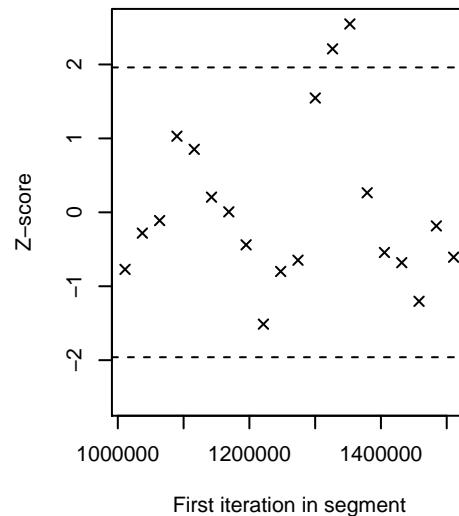
q[29,1] (chain2)



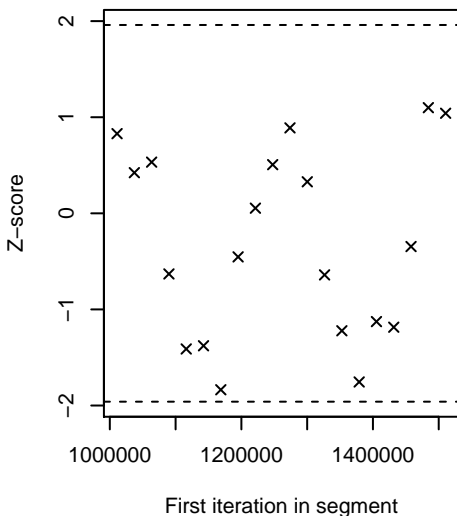
q[30,1] (chain2)



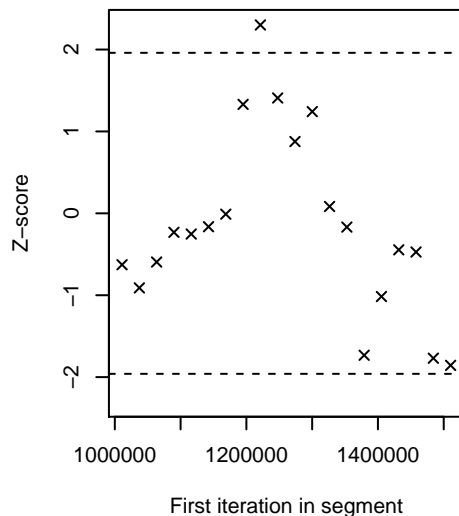
q[31,1] (chain2)



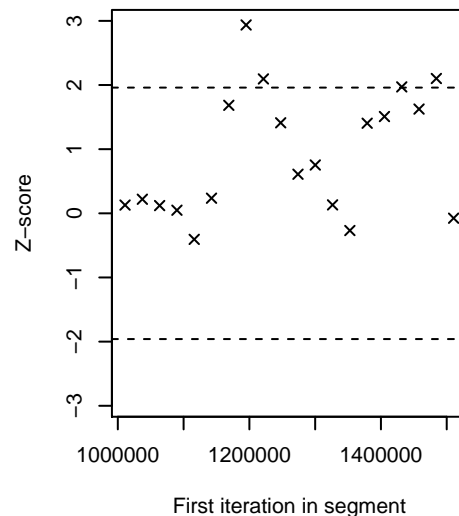
q[32,1] (chain2)



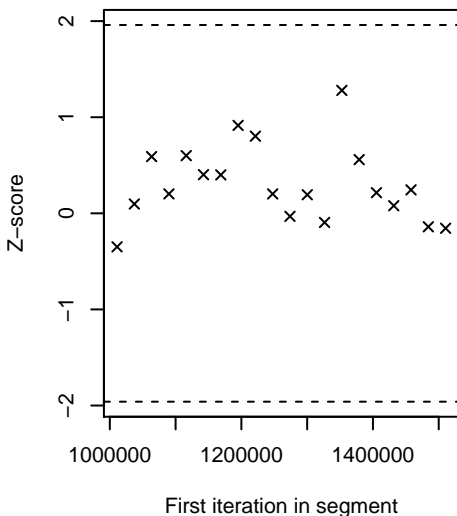
q[33,1] (chain2)



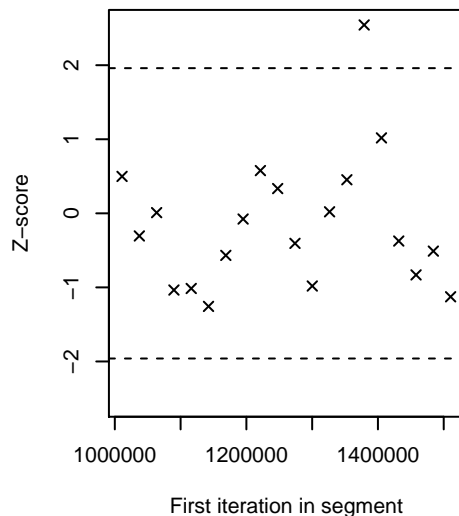
q[34,1] (chain2)



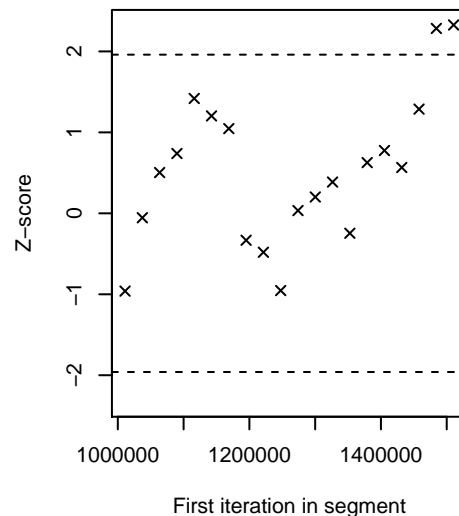
q[35,1] (chain2)



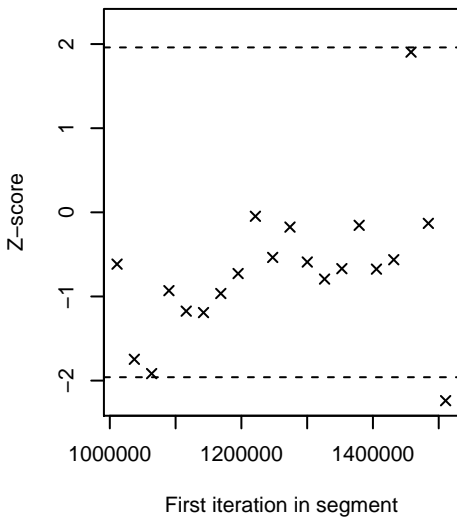
q[36,1] (chain2)



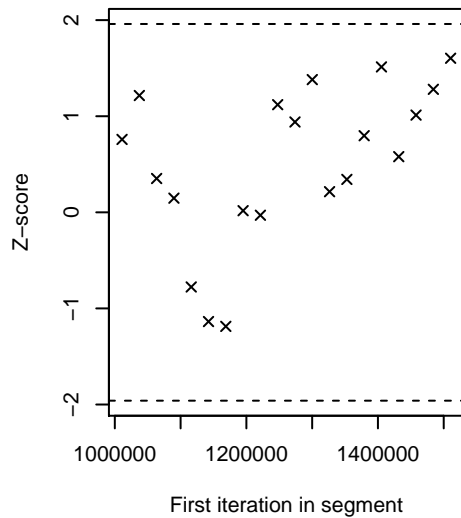
q[37,1] (chain2)



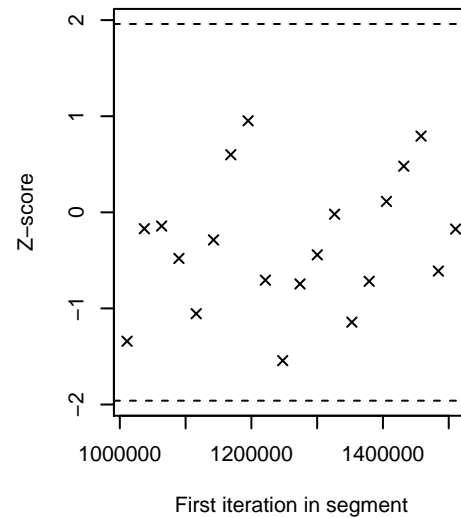
q[1,2] (chain2)



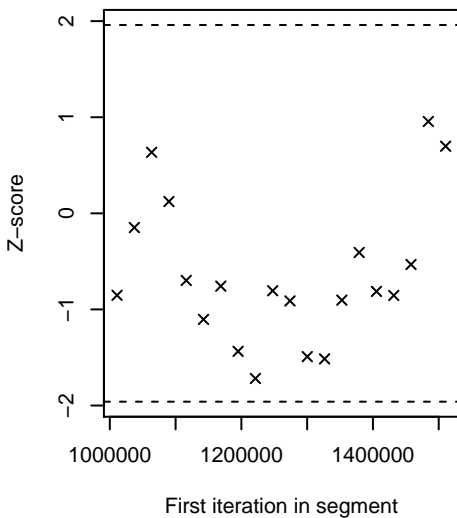
q[2,2] (chain2)



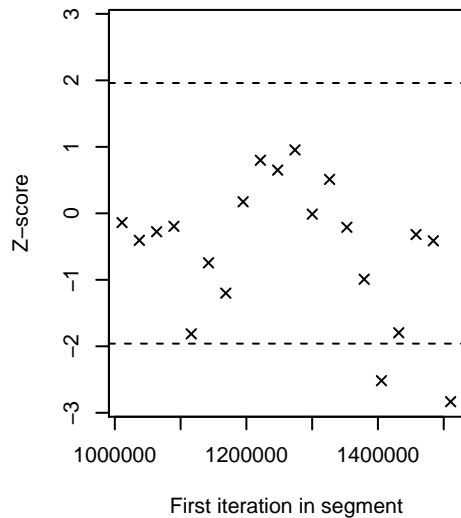
q[3,2] (chain2)



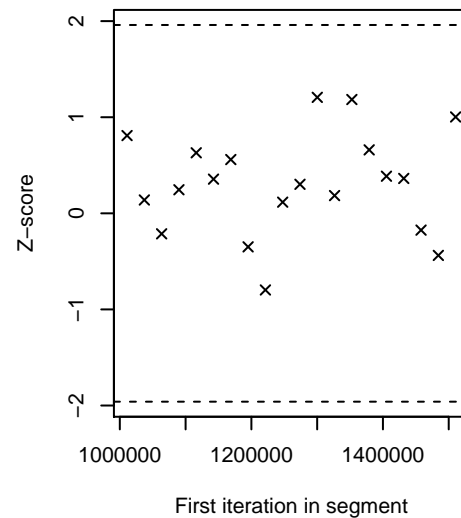
q[4,2] (chain2)



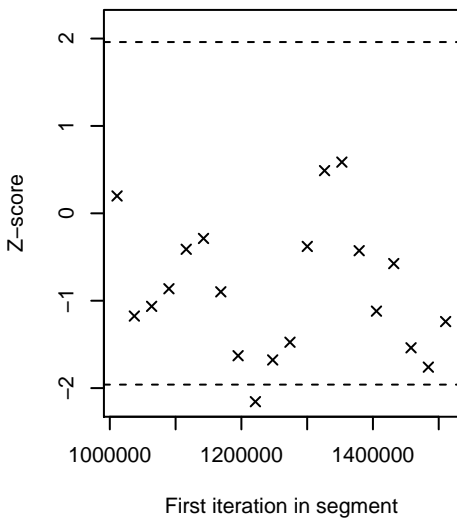
q[5,2] (chain2)



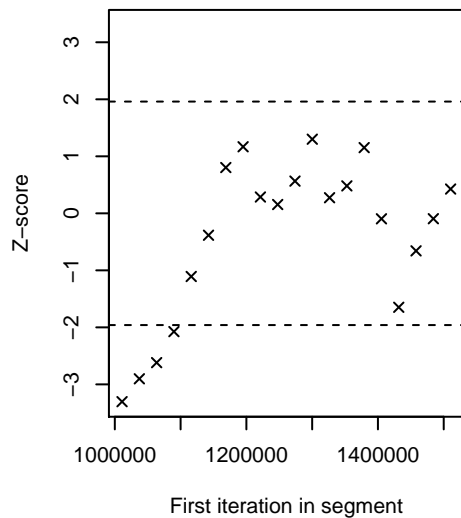
q[6,2] (chain2)



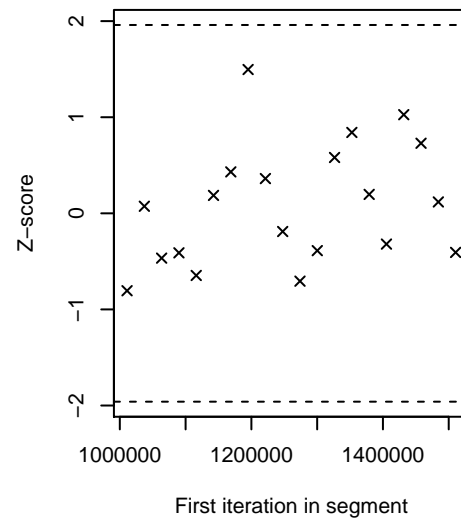
q[7,2] (chain2)



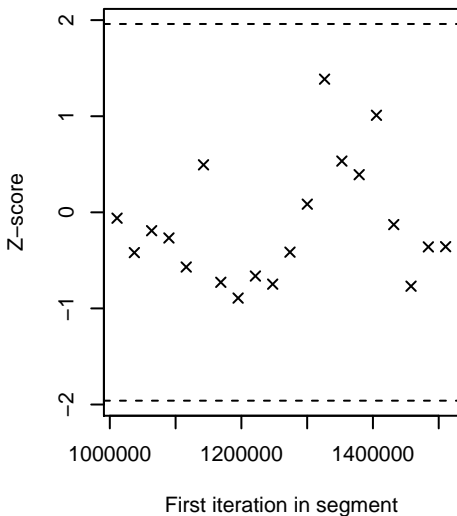
q[8,2] (chain2)



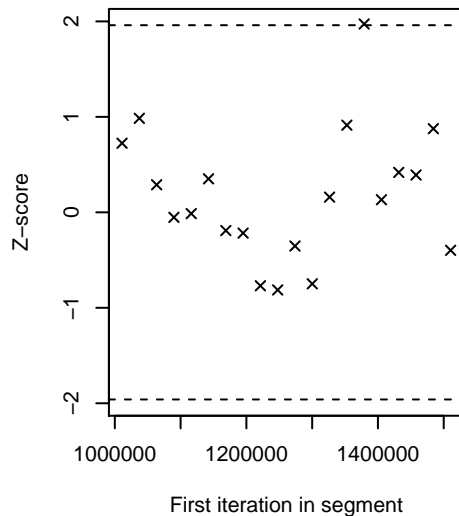
q[9,2] (chain2)



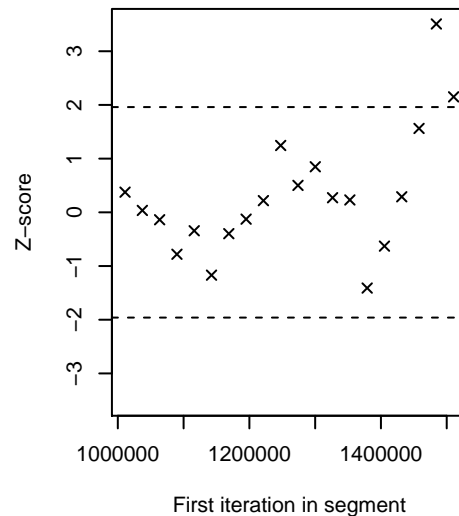
q[10,2] (chain2)



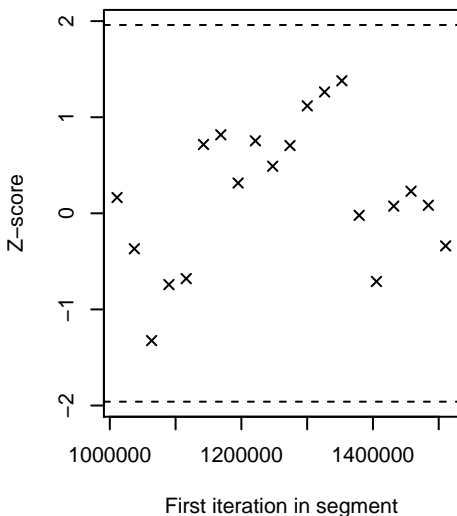
q[11,2] (chain2)



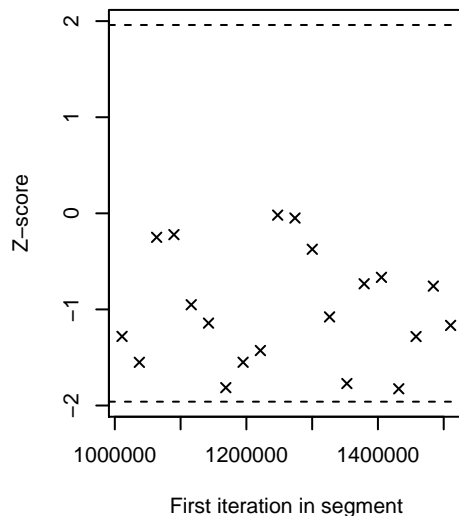
q[12,2] (chain2)



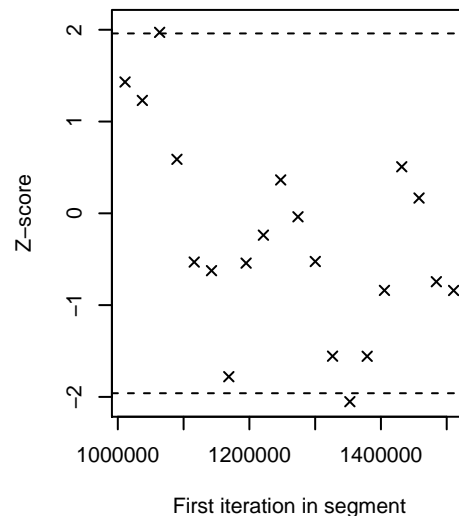
q[13,2] (chain2)



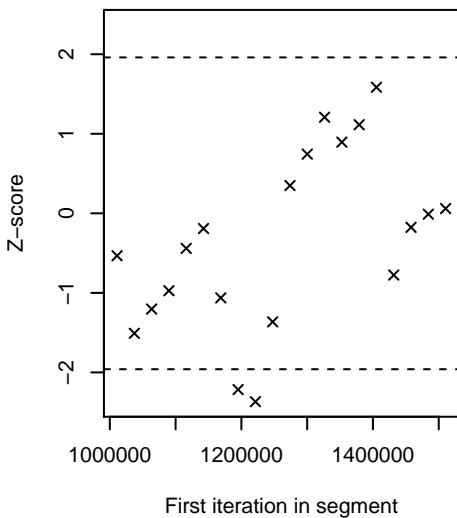
q[14,2] (chain2)



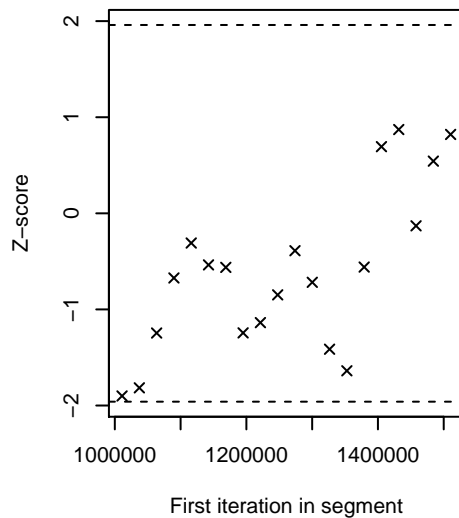
q[15,2] (chain2)



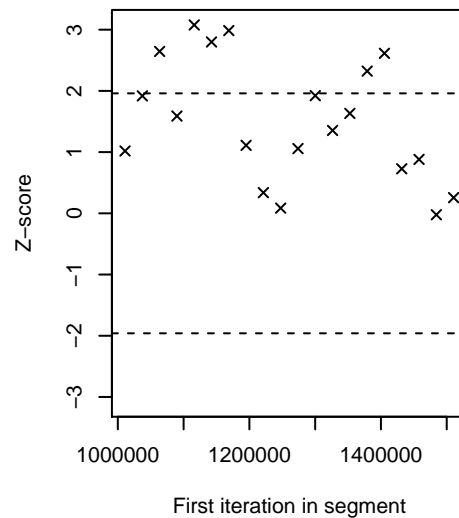
q[16,2] (chain2)



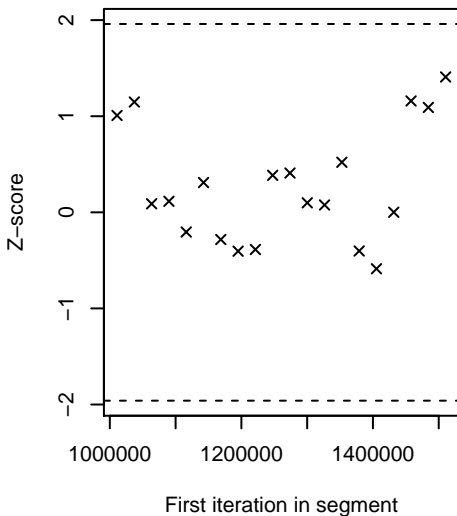
q[17,2] (chain2)



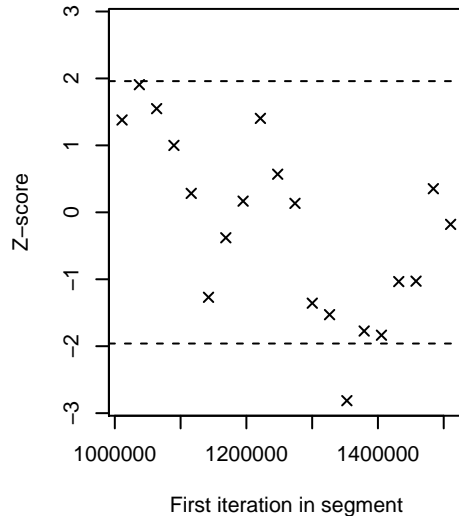
q[18,2] (chain2)



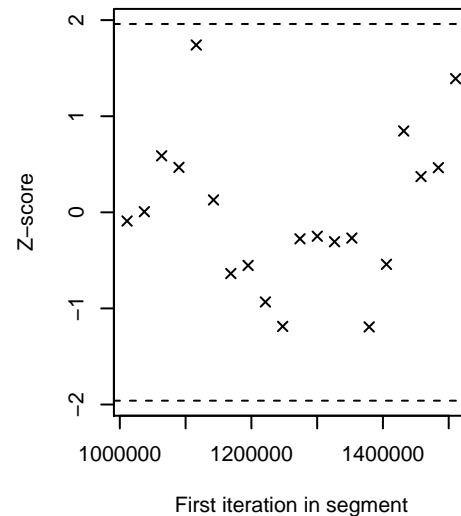
q[19,2] (chain2)



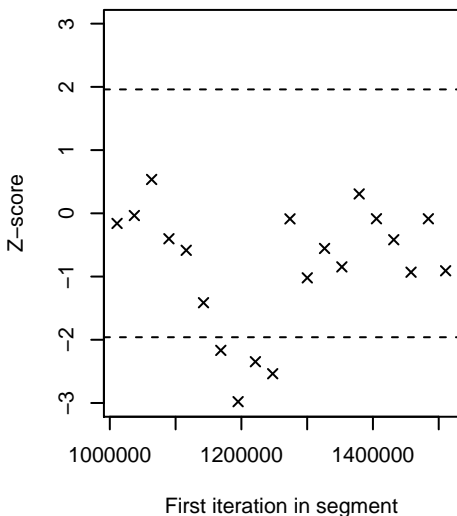
q[20,2] (chain2)



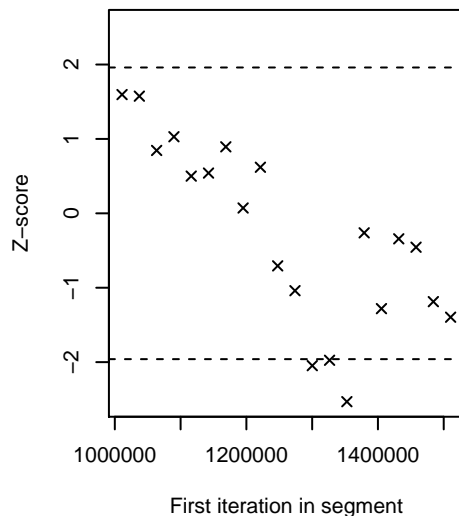
q[21,2] (chain2)



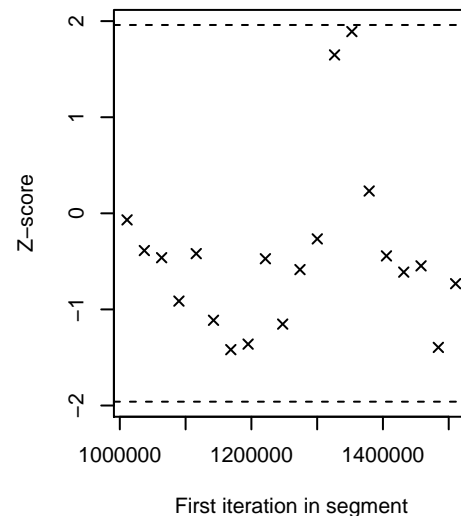
q[22,2] (chain2)



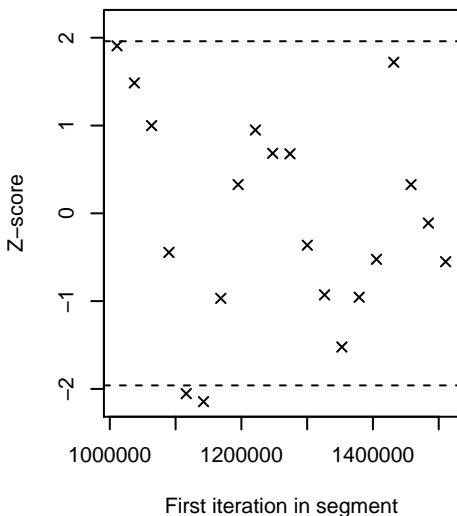
q[23,2] (chain2)



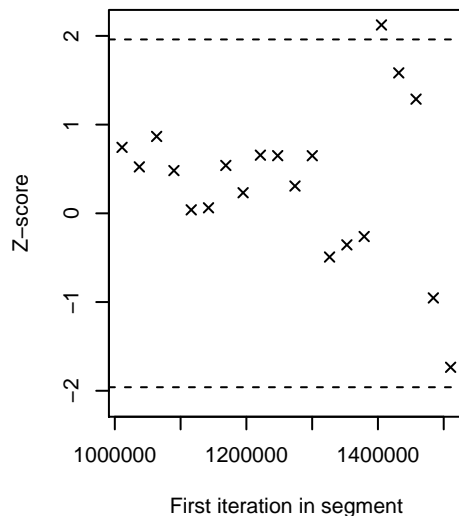
q[24,2] (chain2)



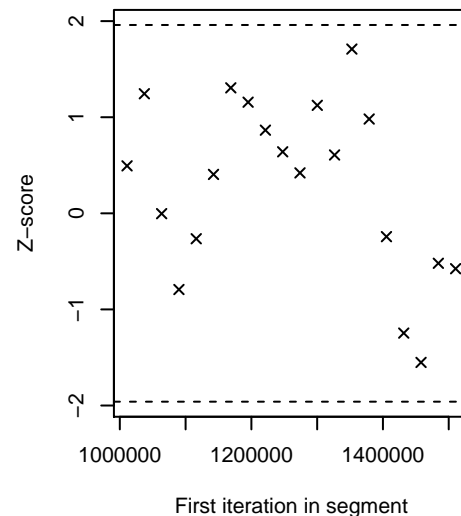
q[25,2] (chain2)



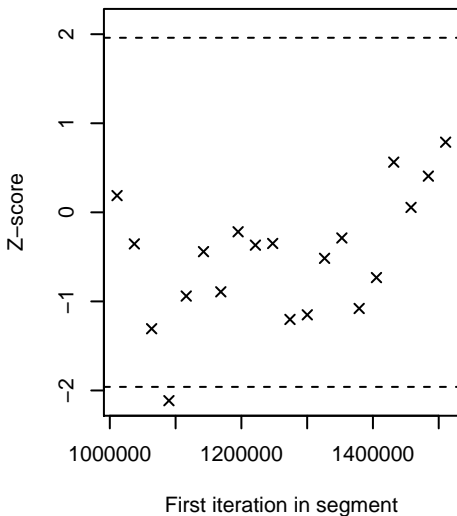
q[26,2] (chain2)



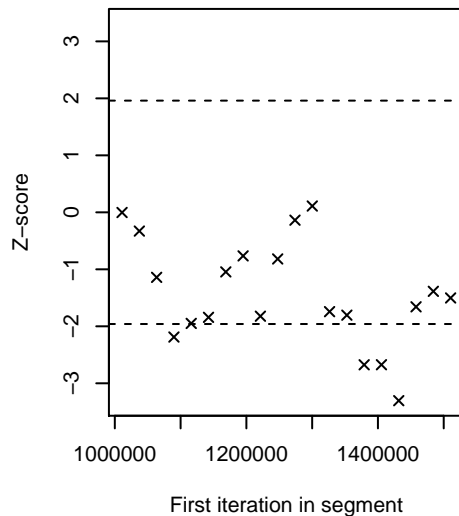
q[27,2] (chain2)



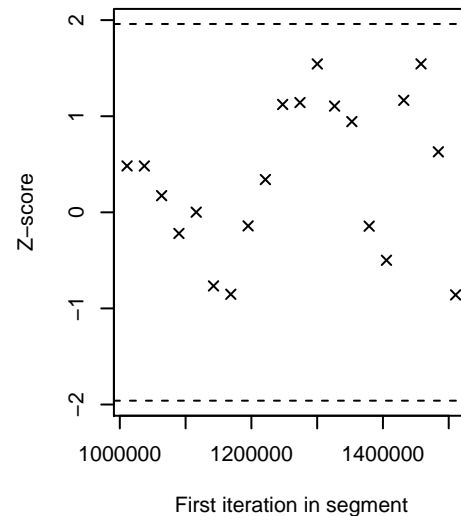
q[28,2] (chain2)



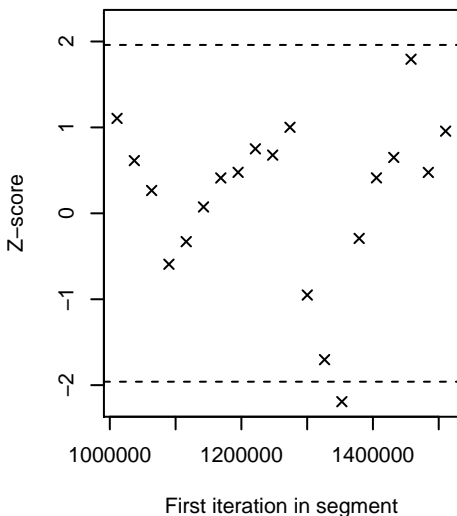
q[29,2] (chain2)



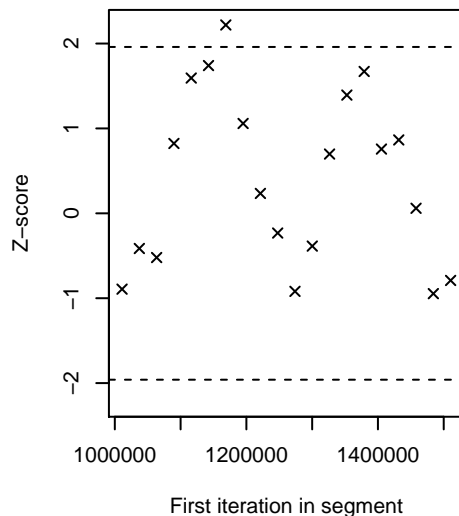
q[30,2] (chain2)



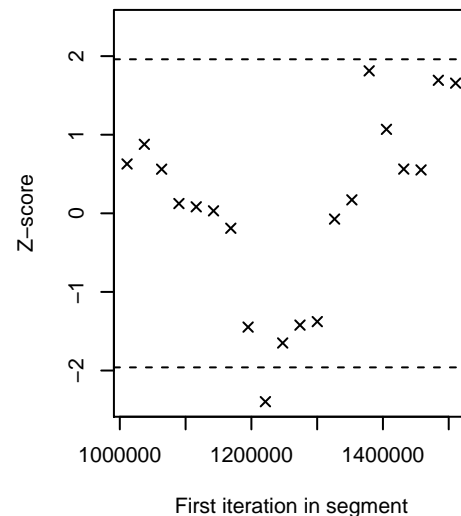
q[31,2] (chain2)



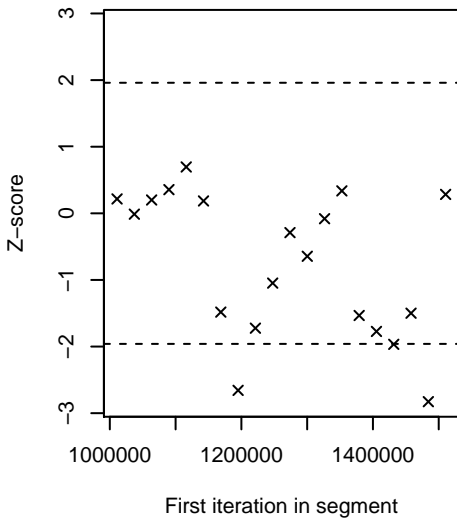
q[32,2] (chain2)



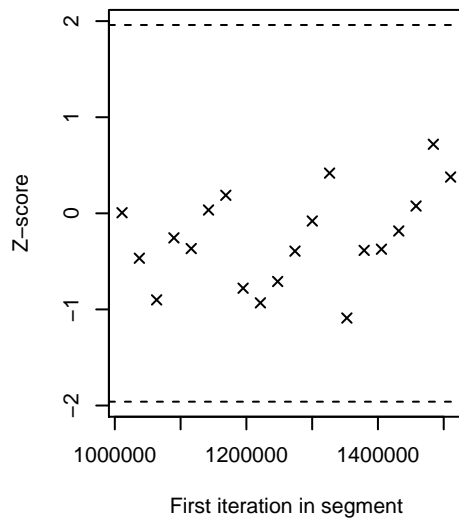
q[33,2] (chain2)



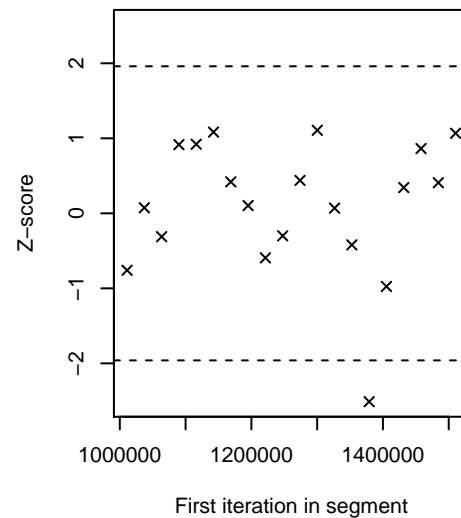
q[34,2] (chain2)



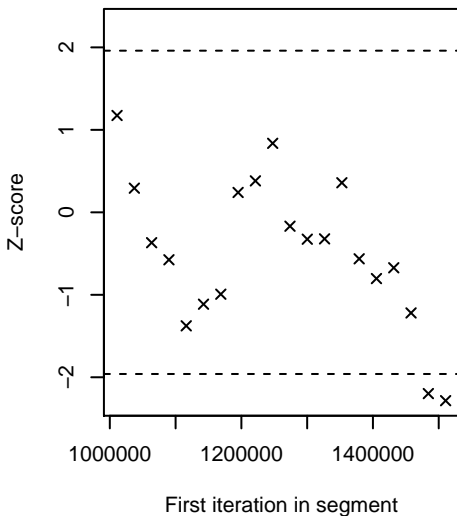
q[35,2] (chain2)



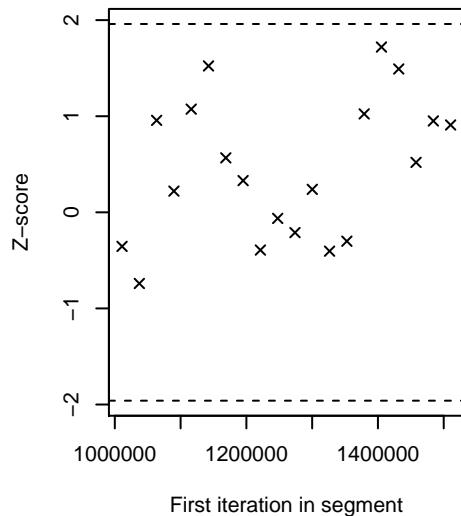
q[36,2] (chain2)



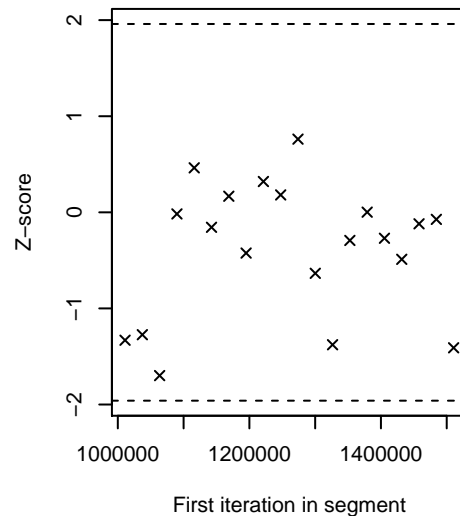
q[37,2] (chain2)



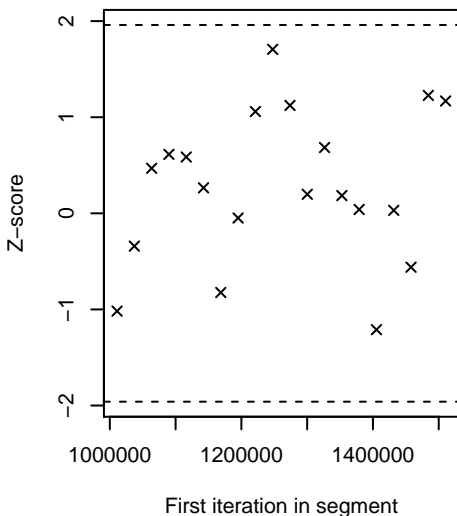
q[1,3] (chain2)



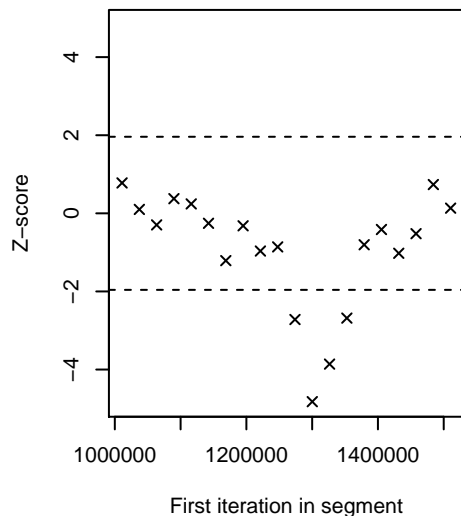
q[2,3] (chain2)



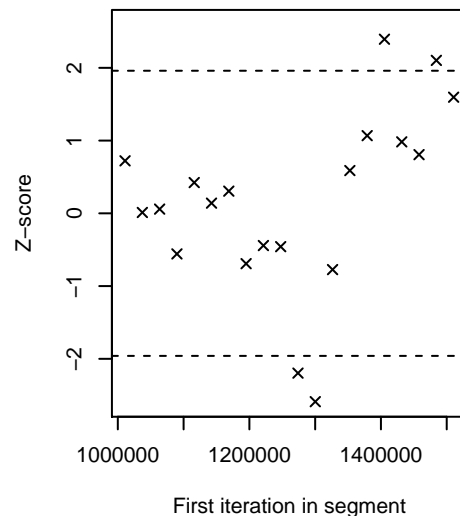
q[3,3] (chain2)



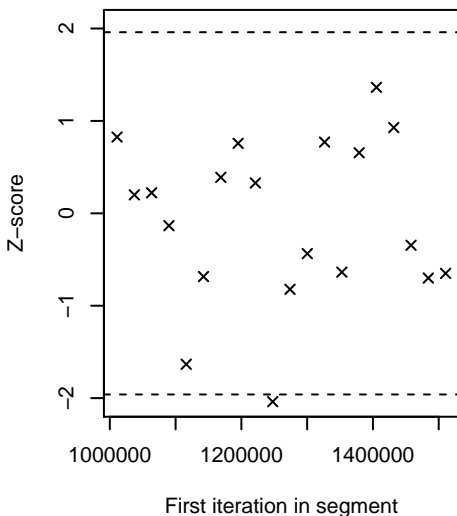
q[4,3] (chain2)



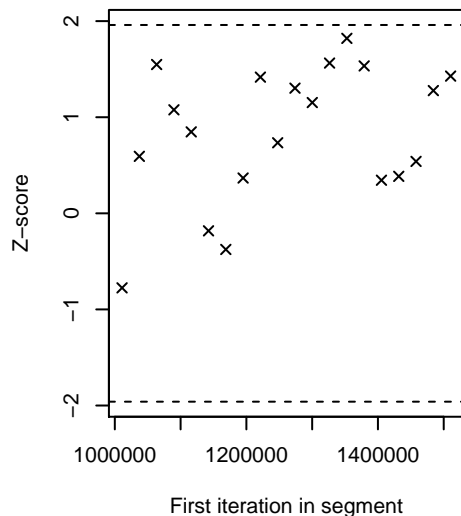
q[5,3] (chain2)



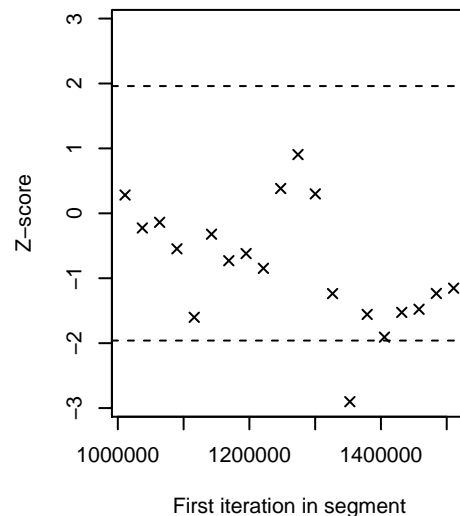
q[6,3] (chain2)



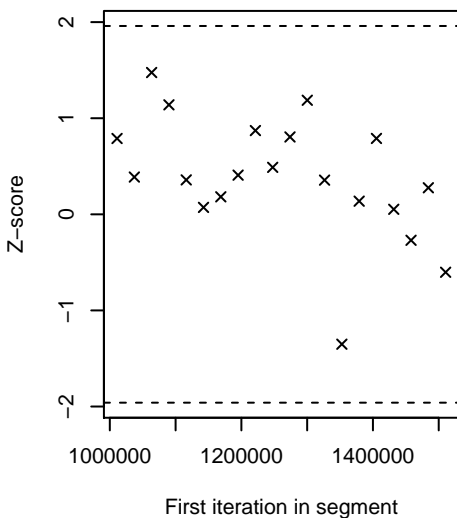
q[7,3] (chain2)



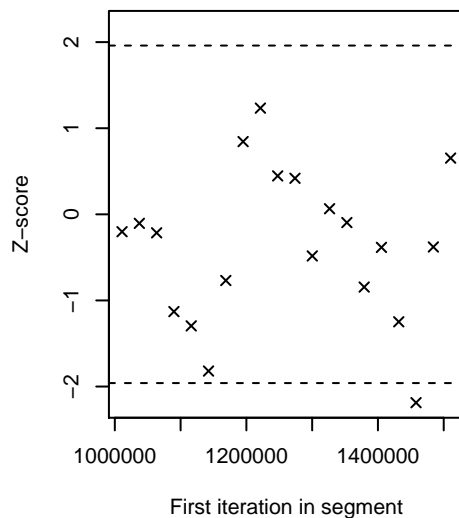
q[8,3] (chain2)



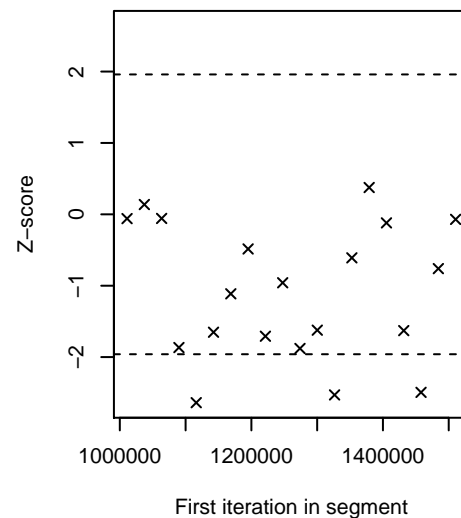
q[9,3] (chain2)



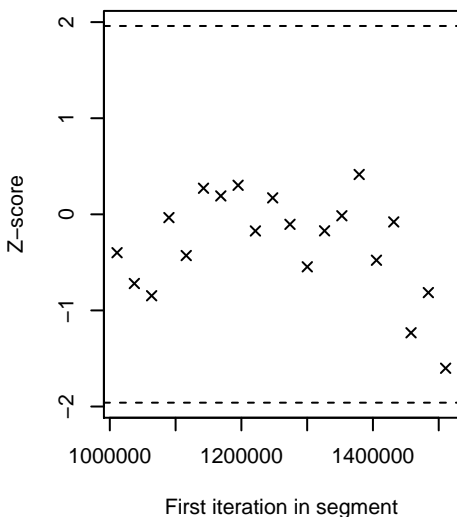
q[10,3] (chain2)



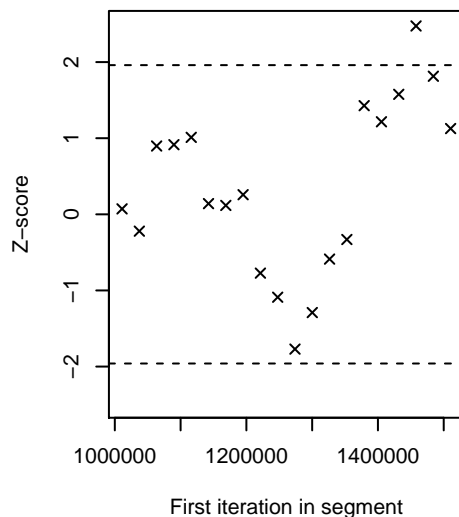
q[11,3] (chain2)



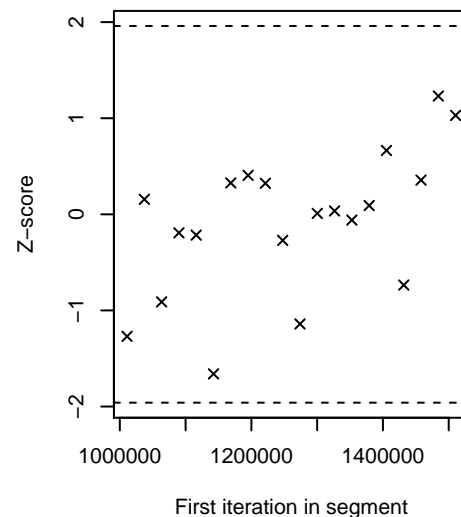
q[12,3] (chain2)



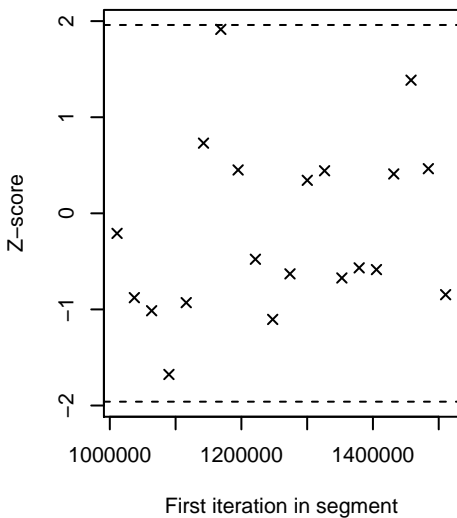
q[13,3] (chain2)



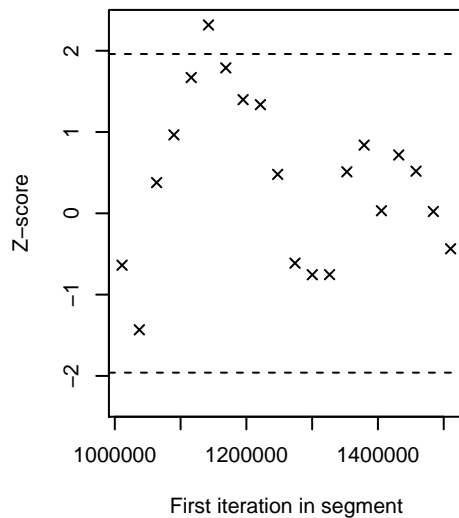
q[14,3] (chain2)



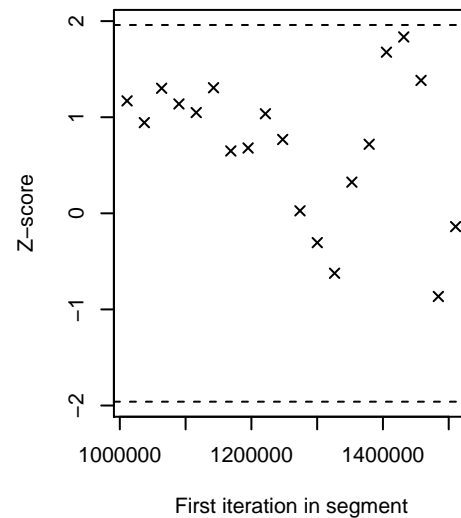
q[15,3] (chain2)



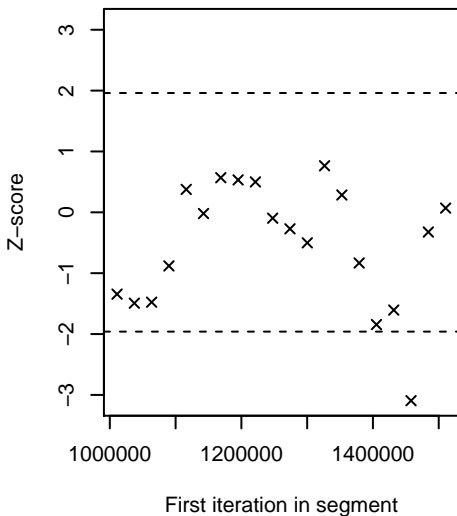
q[16,3] (chain2)



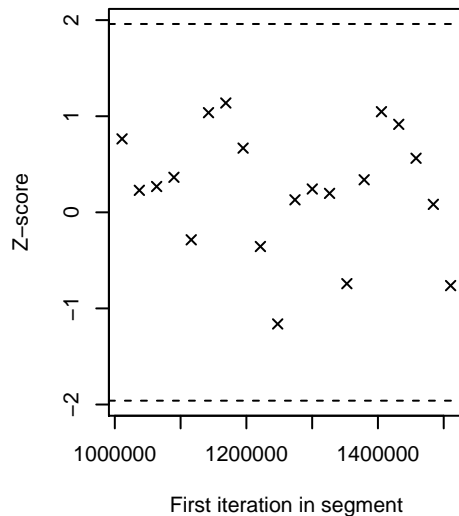
q[17,3] (chain2)



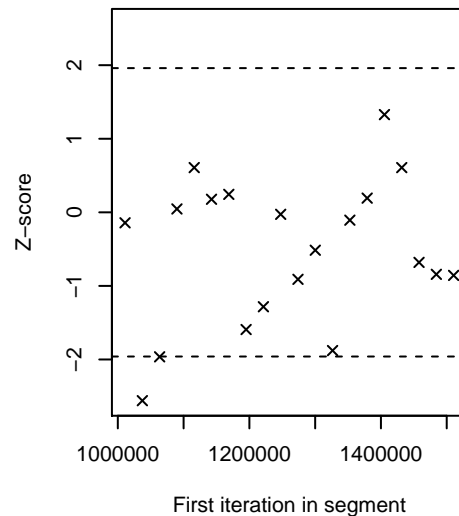
q[18,3] (chain2)



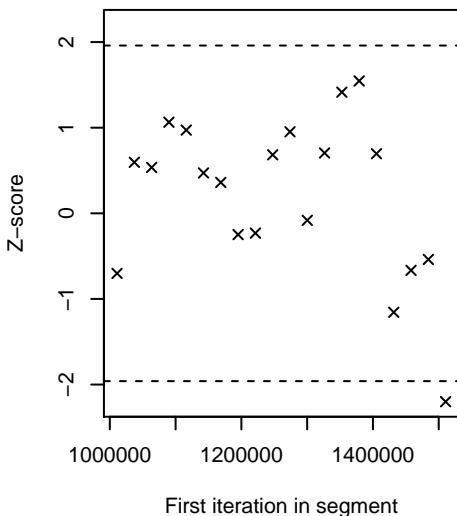
q[19,3] (chain2)



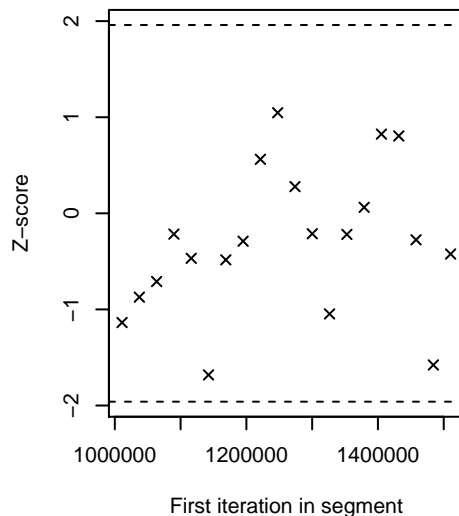
q[20,3] (chain2)



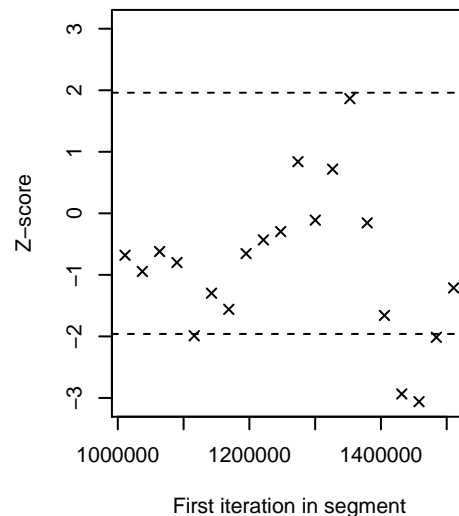
q[21,3] (chain2)



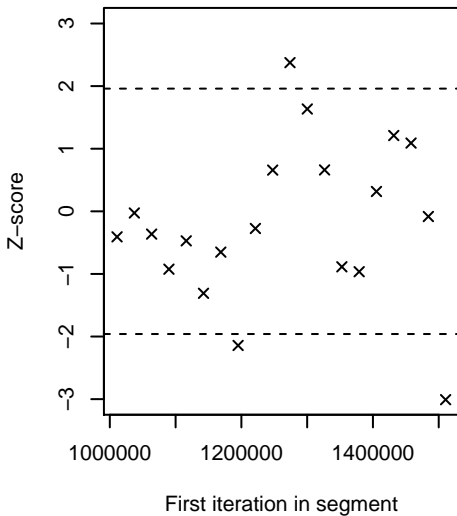
q[22,3] (chain2)



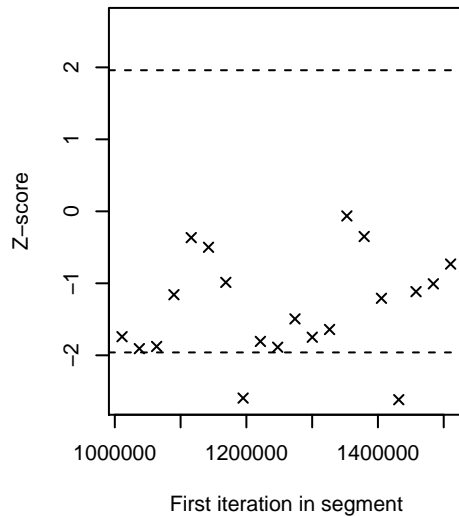
q[23,3] (chain2)



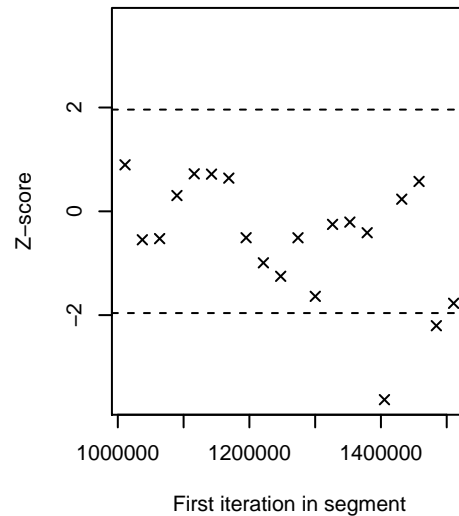
q[24,3] (chain2)



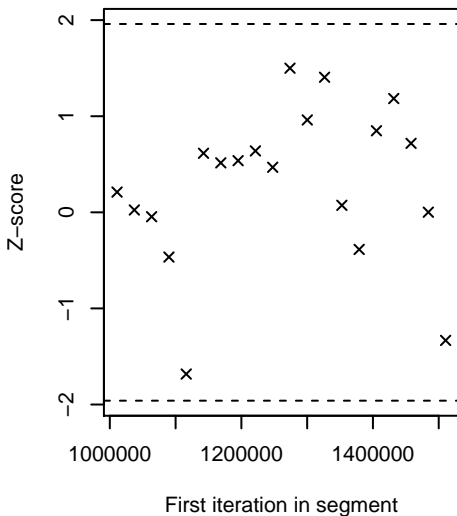
q[25,3] (chain2)



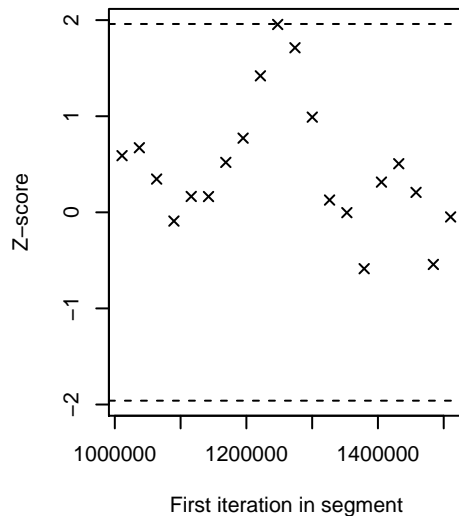
q[26,3] (chain2)



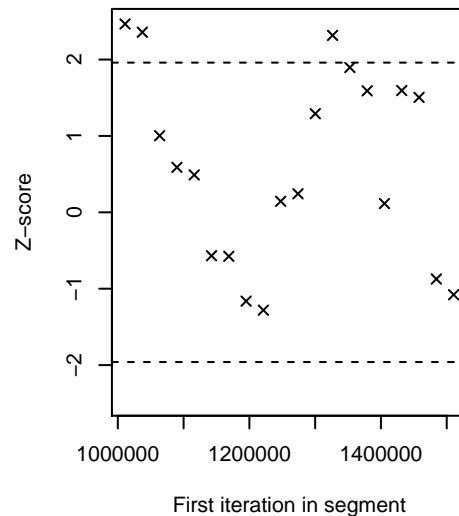
q[27,3] (chain2)



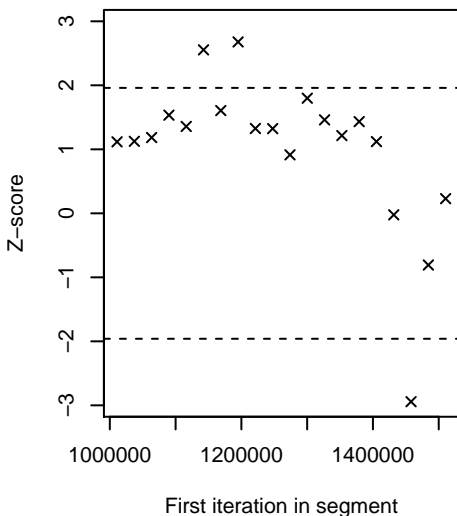
q[28,3] (chain2)



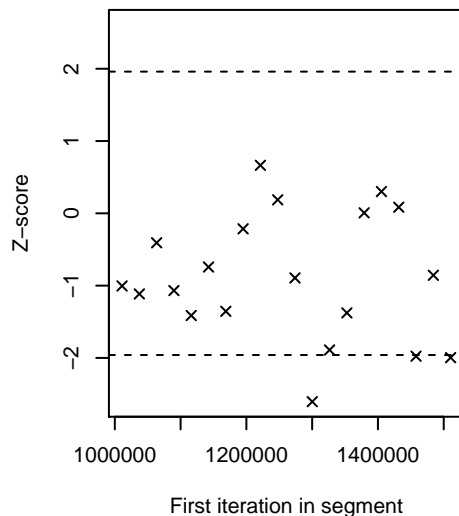
q[29,3] (chain2)



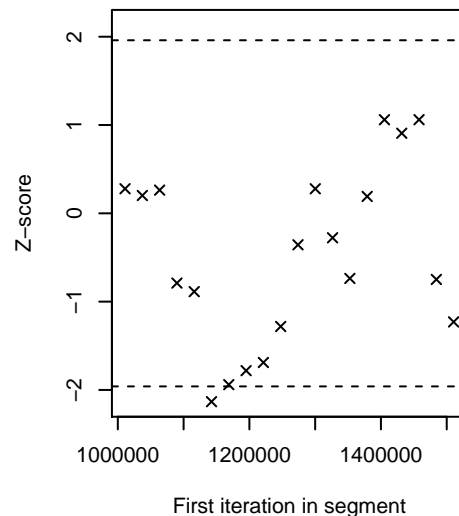
q[30,3] (chain2)



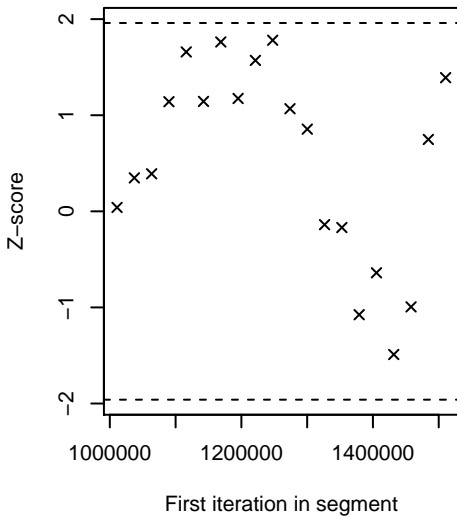
q[31,3] (chain2)



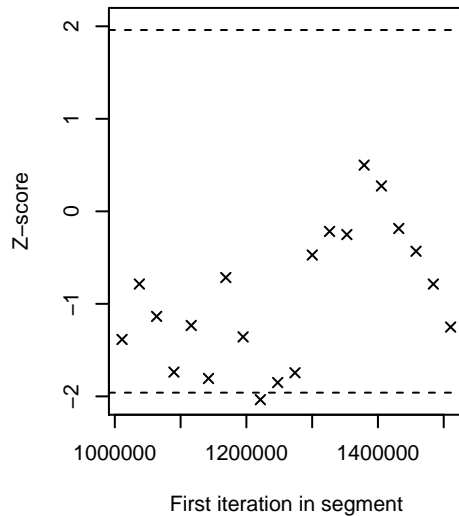
q[32,3] (chain2)



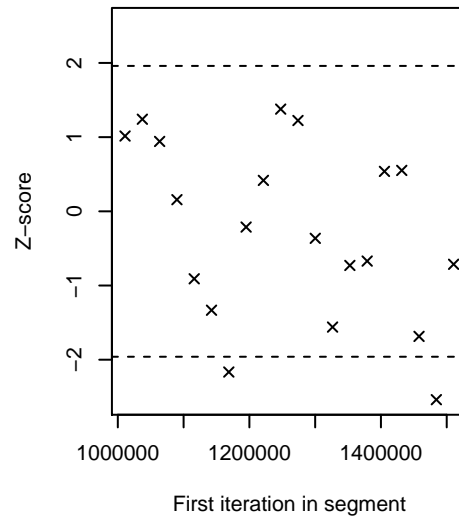
q[33,3] (chain2)



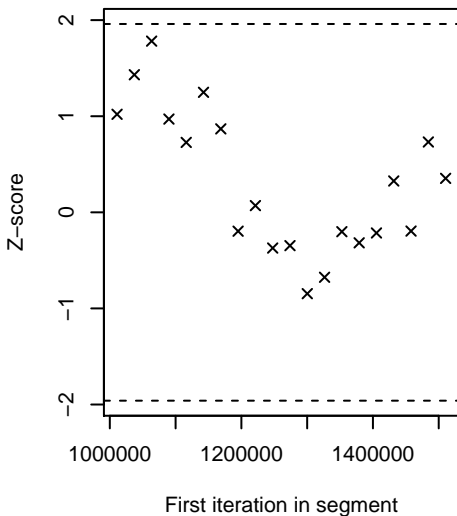
q[34,3] (chain2)



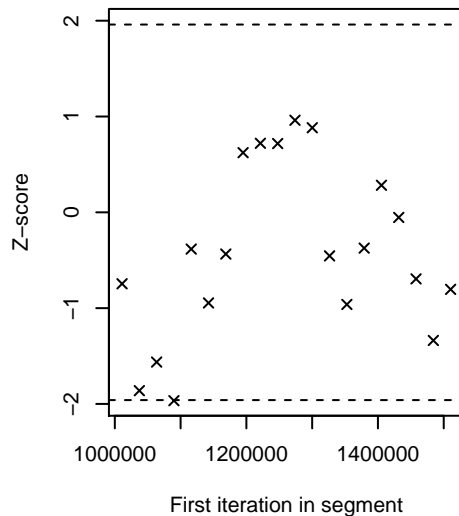
q[35,3] (chain2)



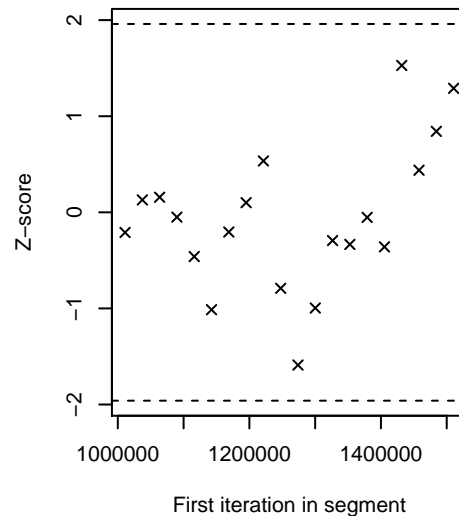
q[36,3] (chain2)



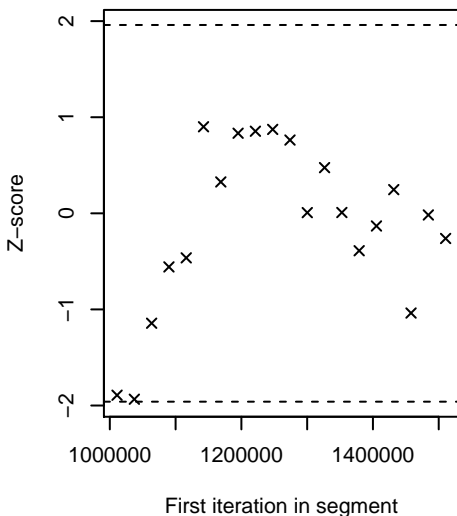
q[37,3] (chain2)



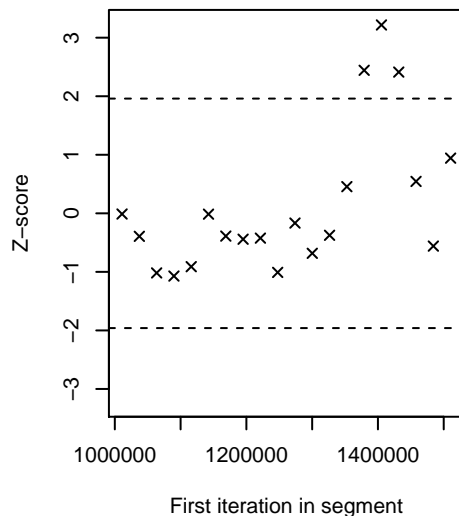
sigma.R (chain2)



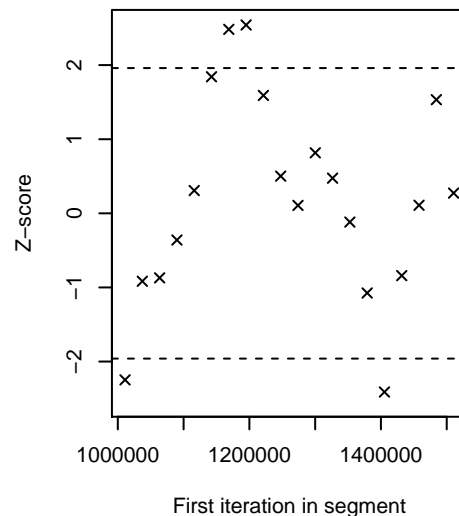
sigma.R0 (chain2)



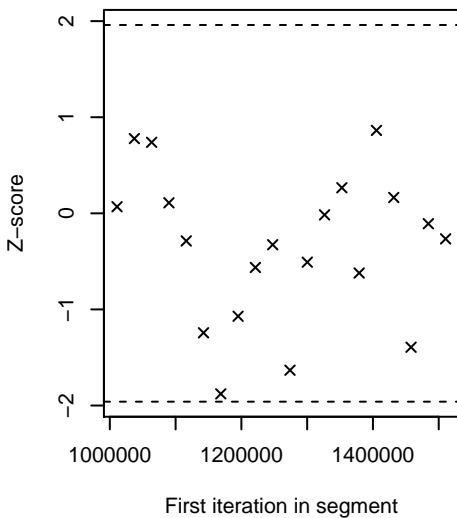
B.sum (chain3)



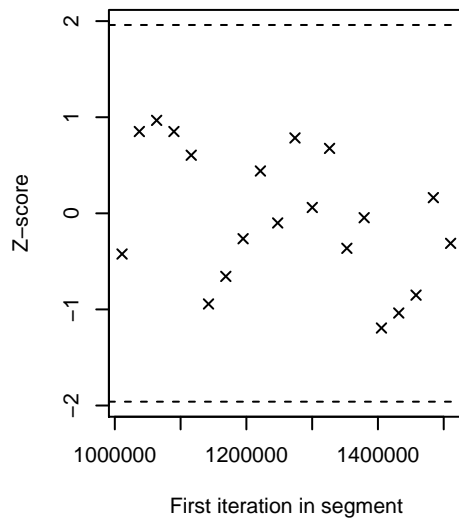
D.sum (chain3)



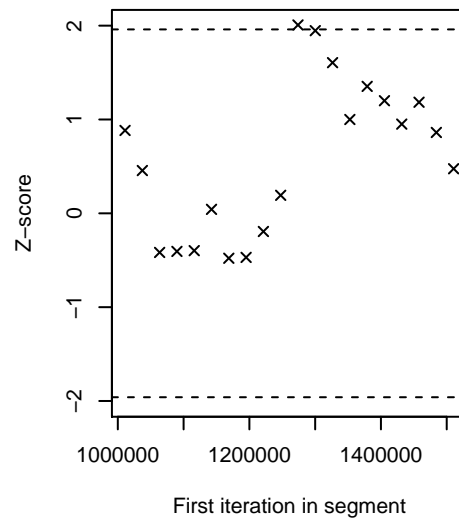
H.B[1] (chain3)

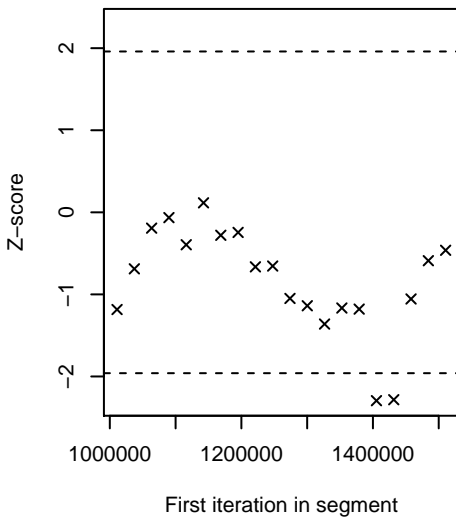
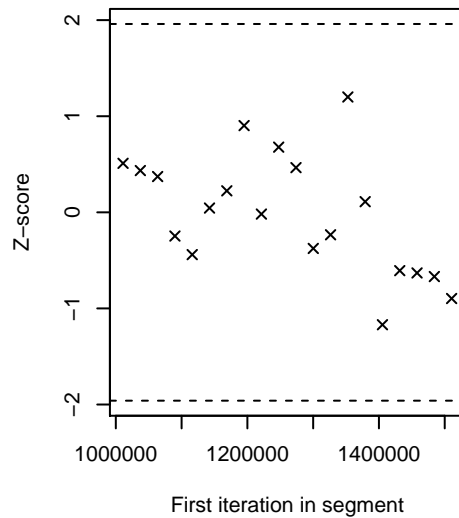
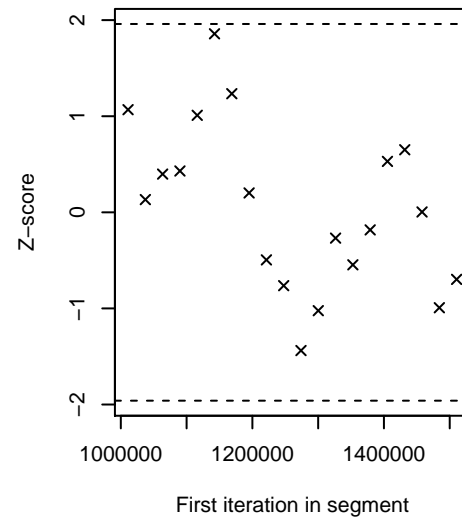
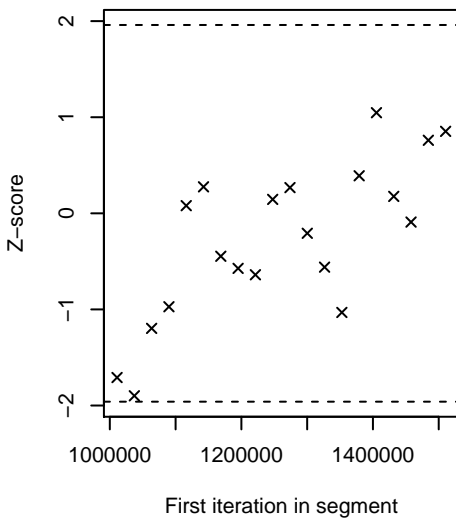
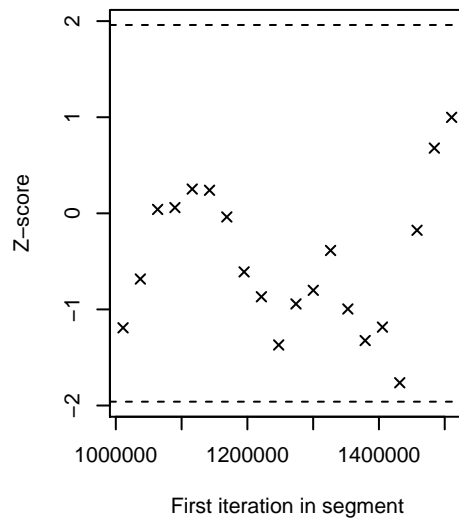
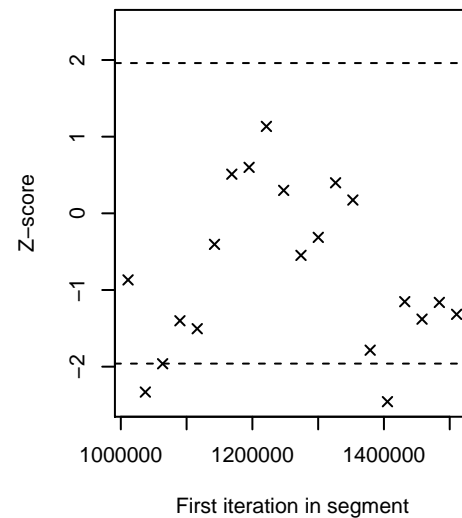
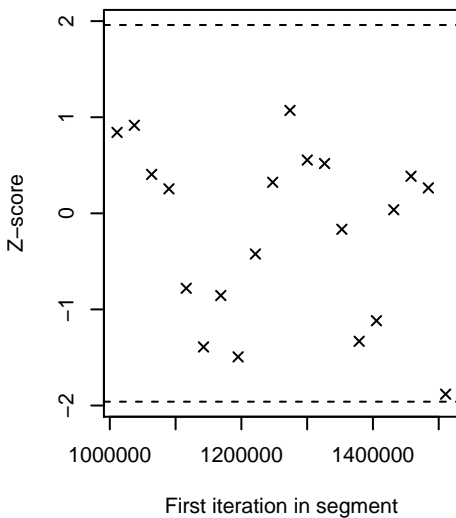
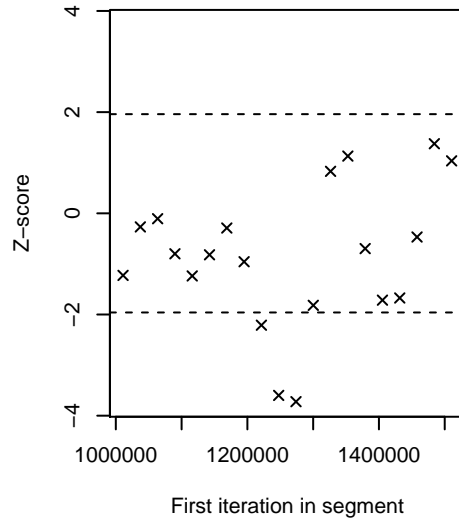
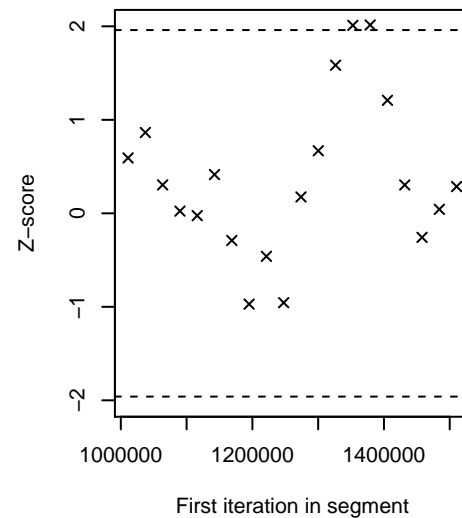


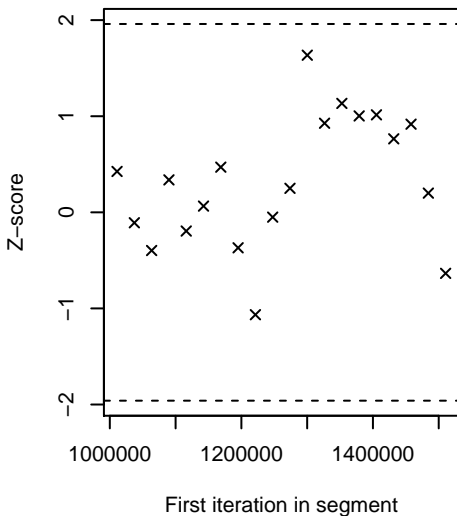
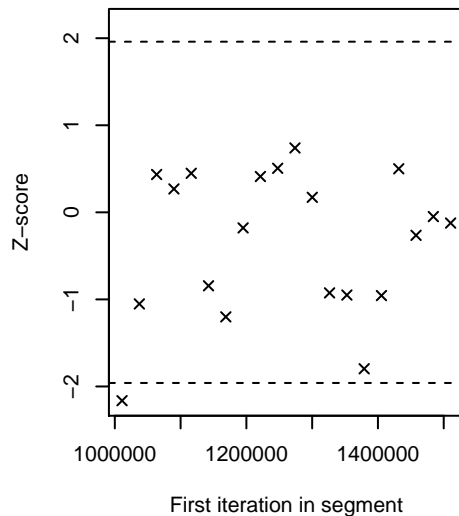
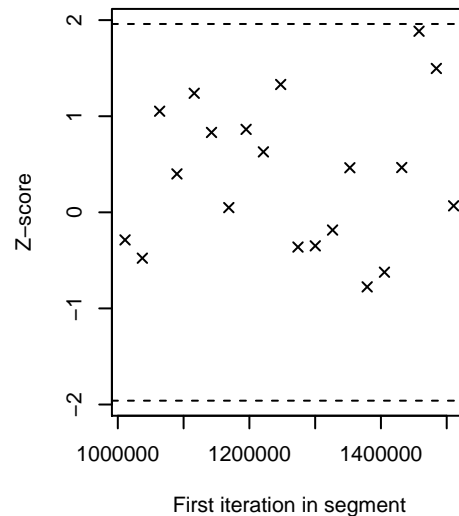
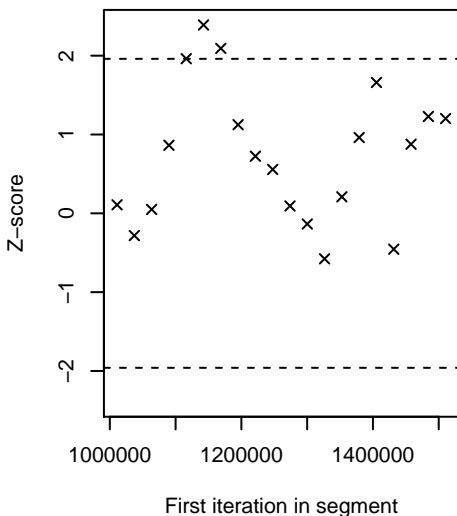
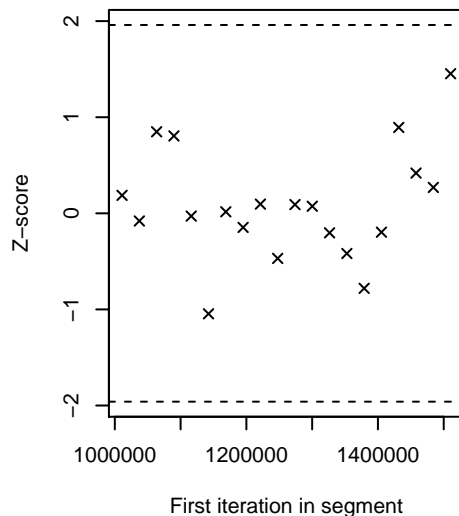
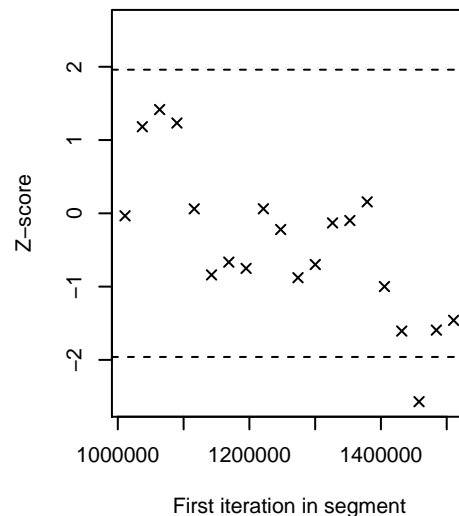
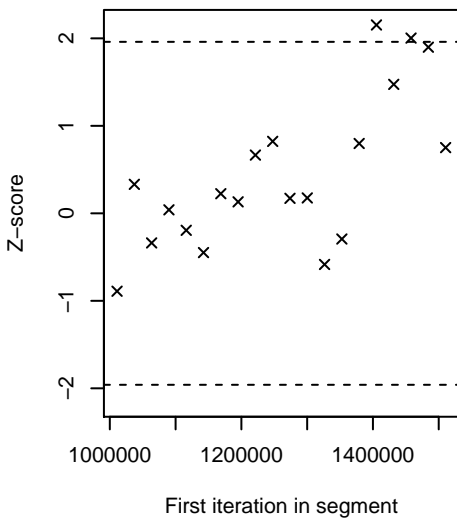
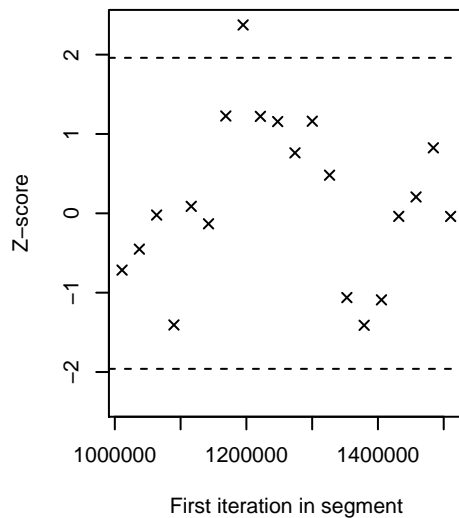
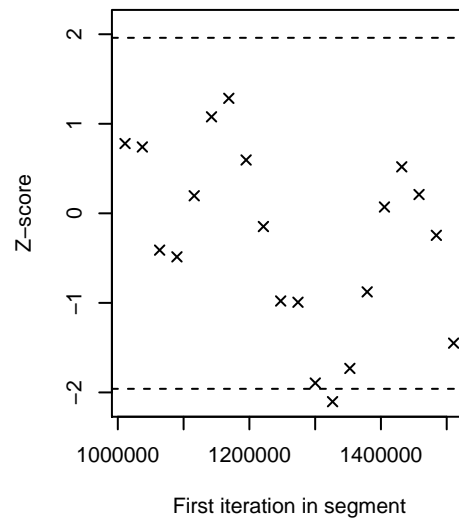
H.B[2] (chain3)

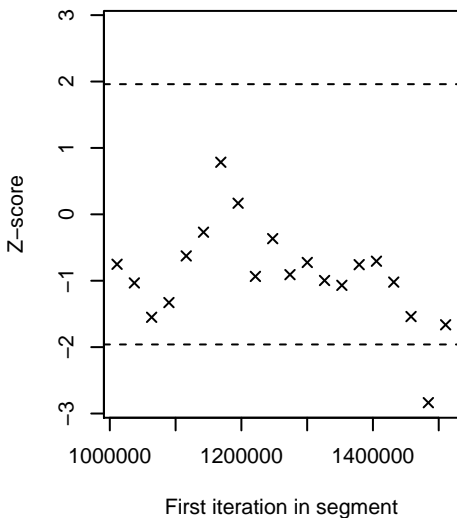
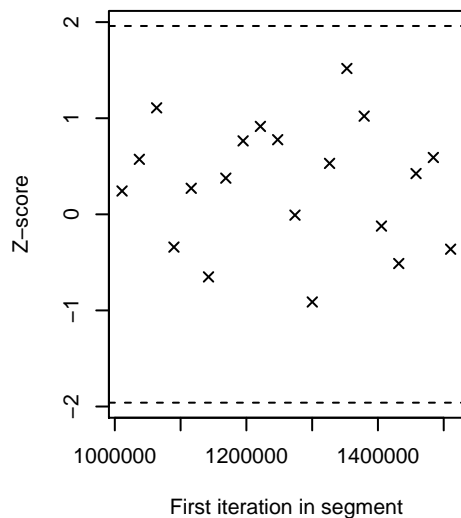
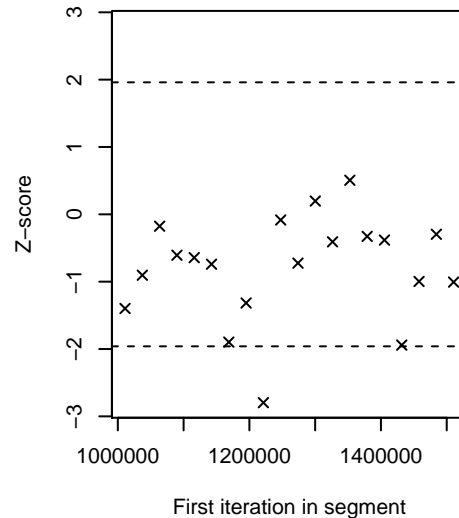
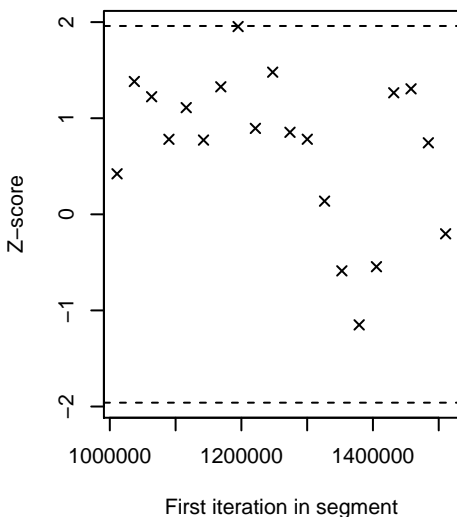
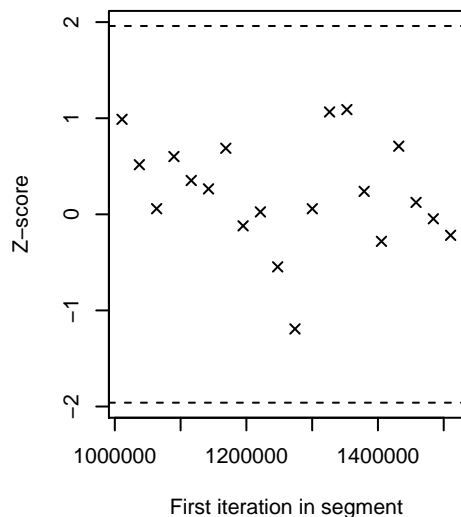
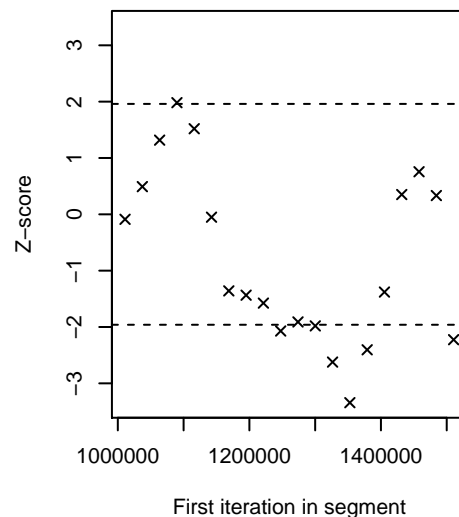
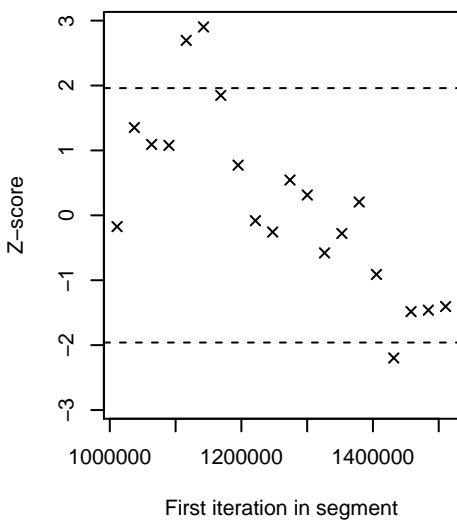
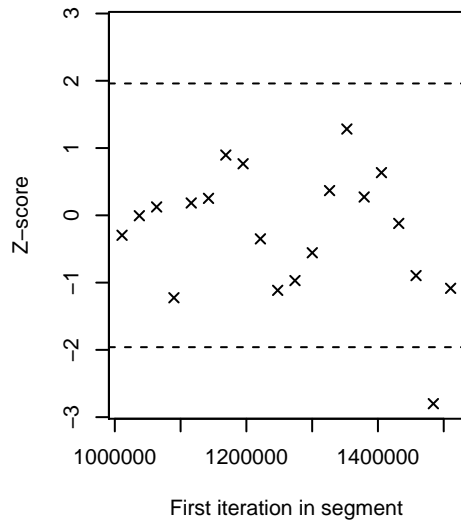
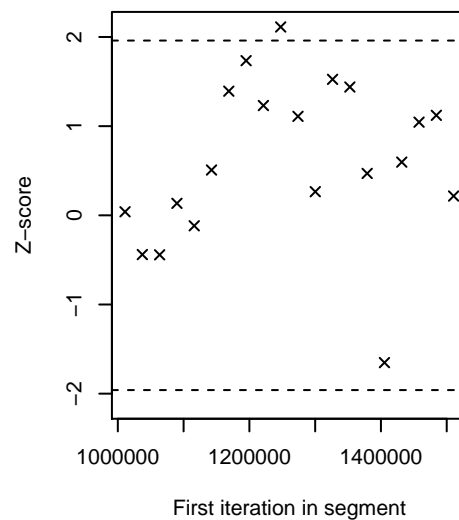


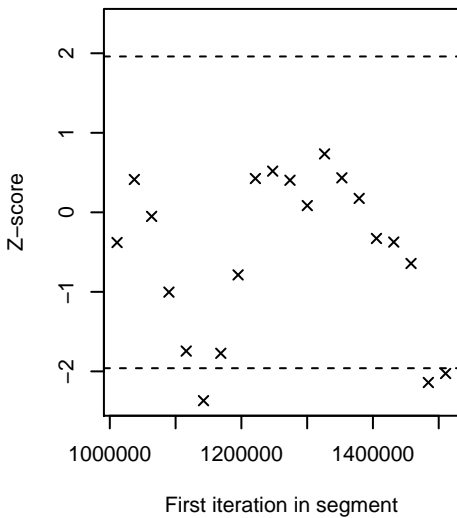
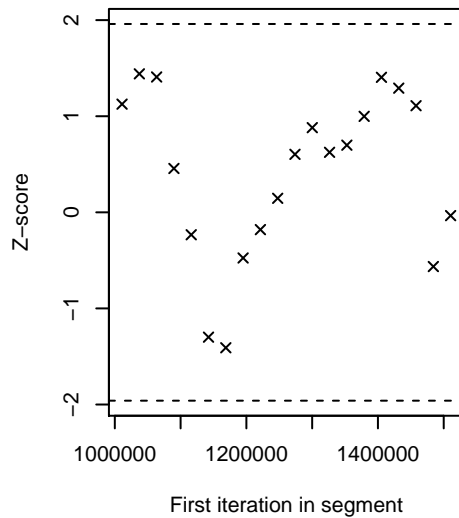
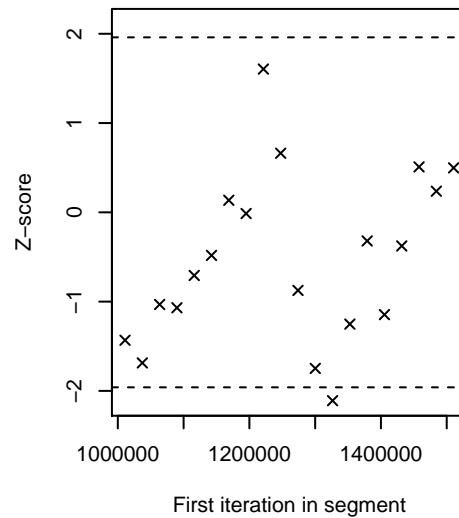
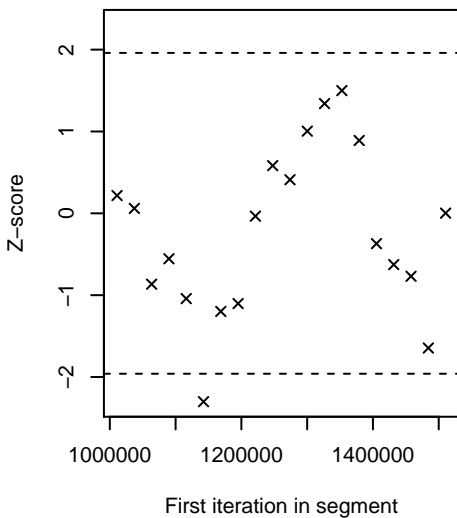
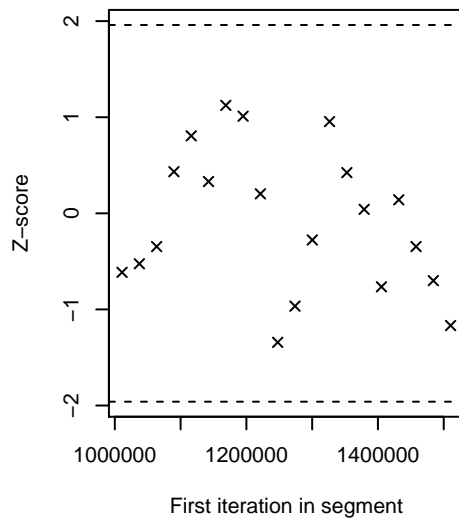
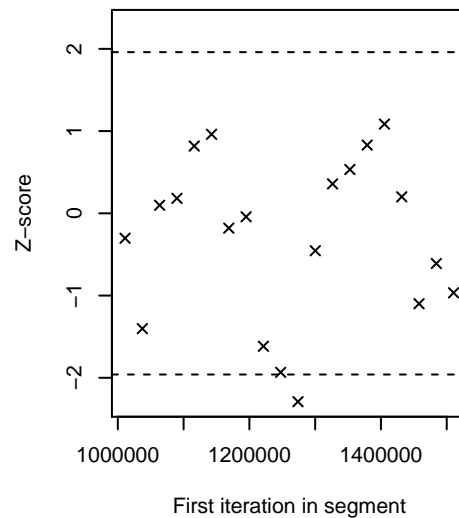
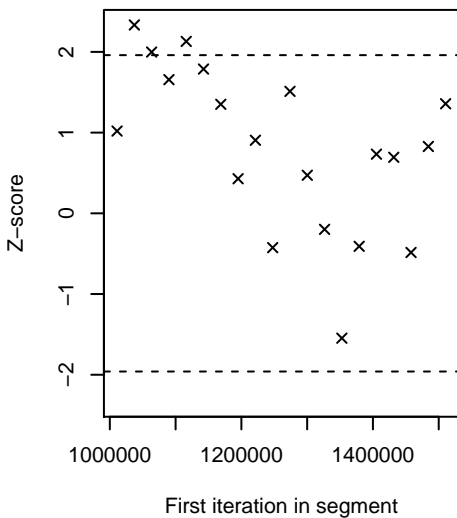
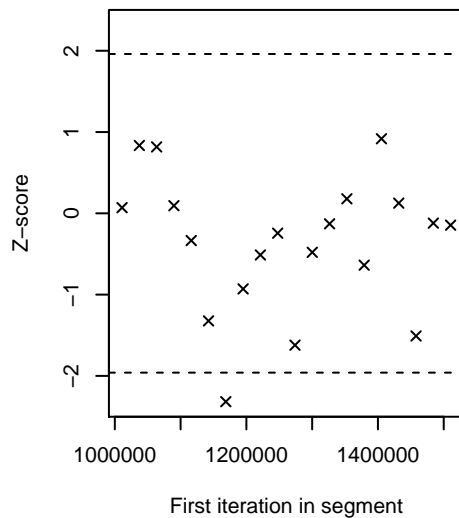
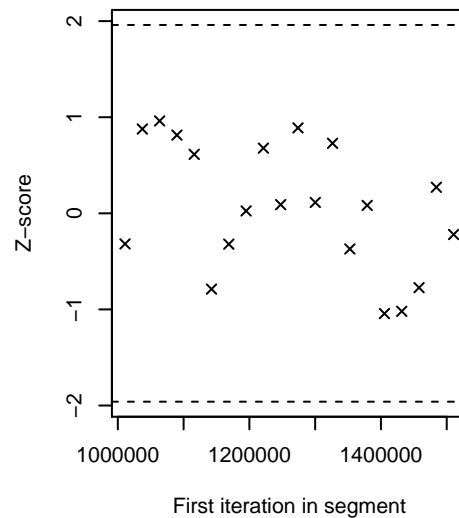
H.B[3] (chain3)

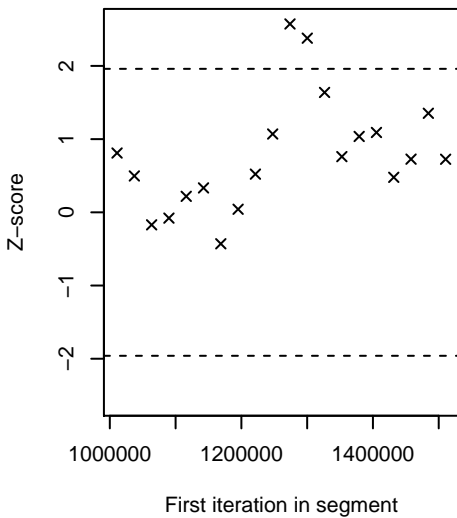
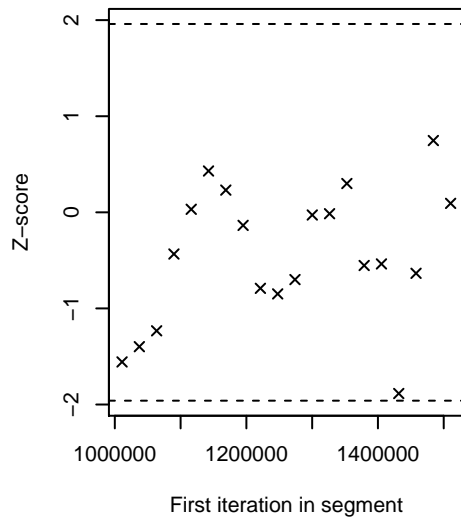
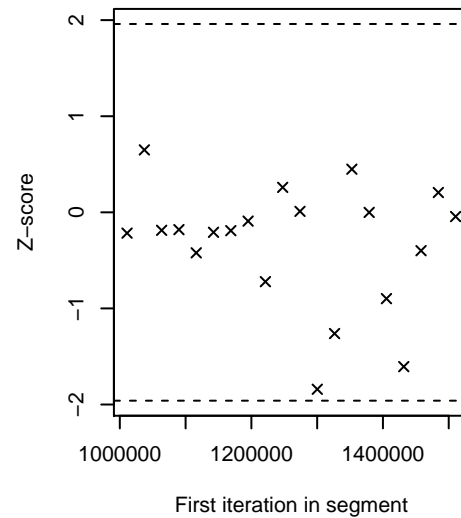
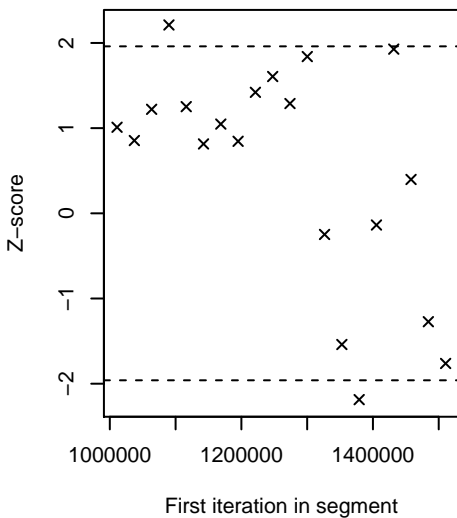
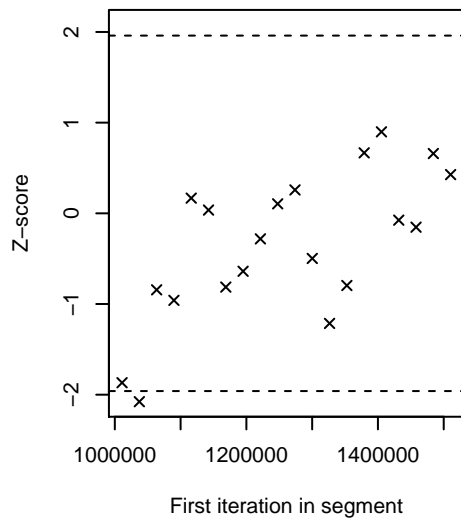
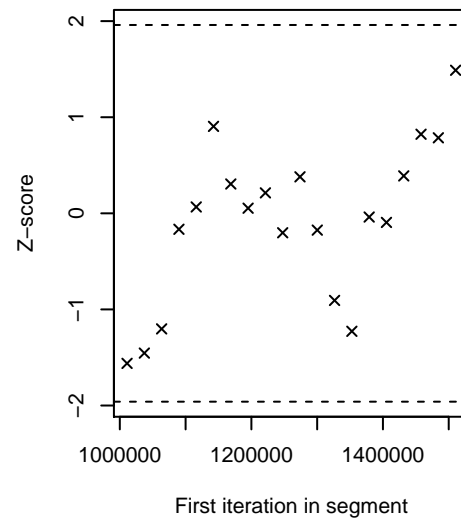
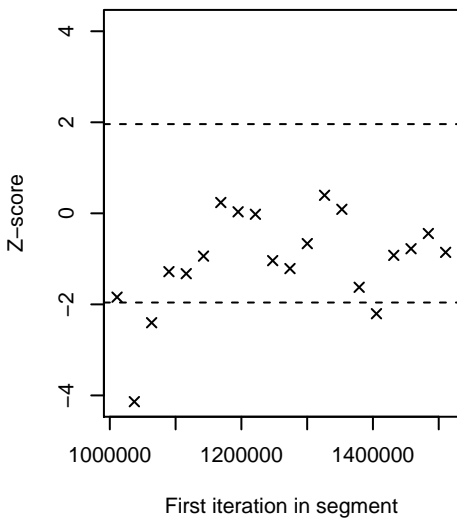
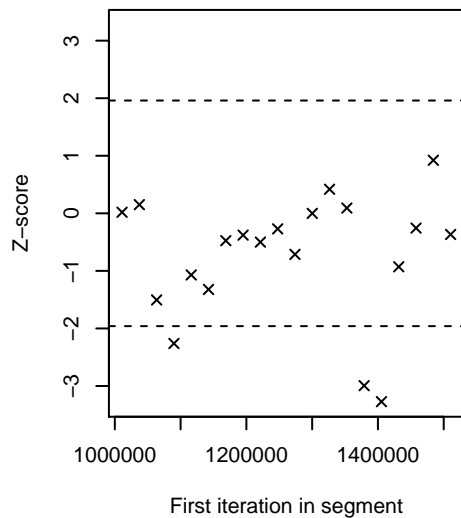
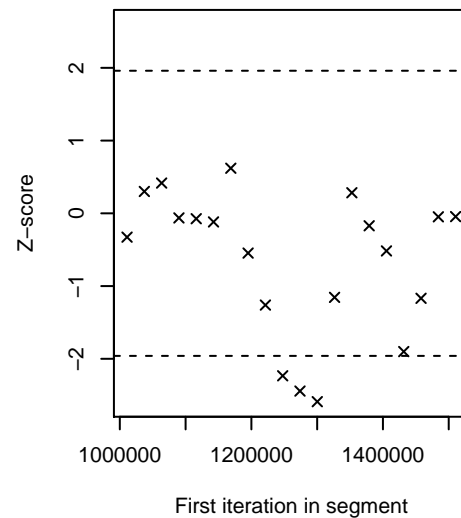


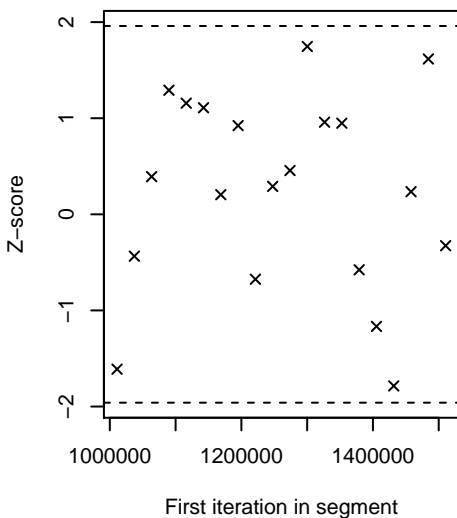
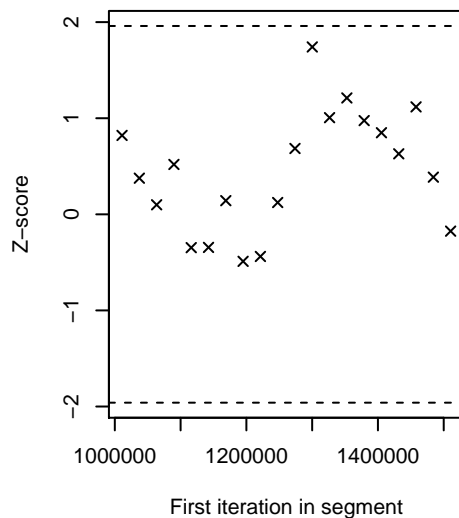
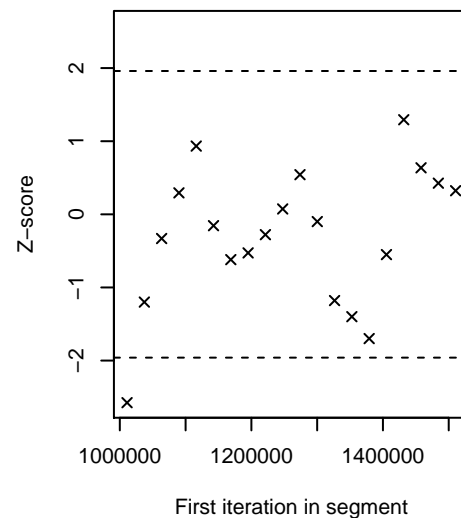
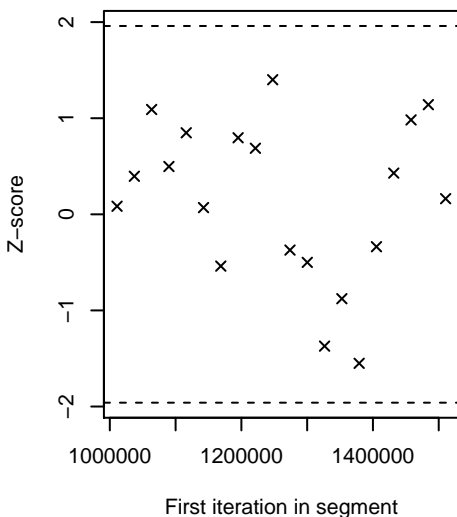
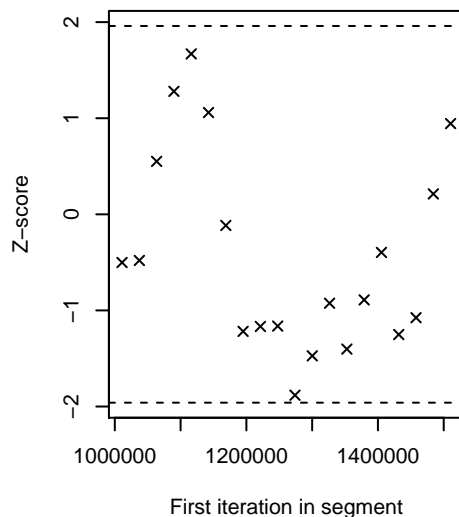
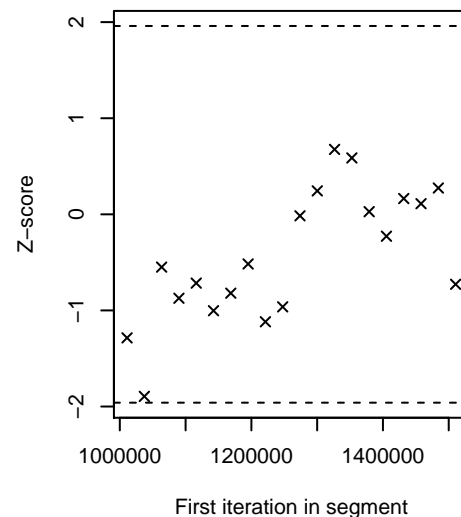
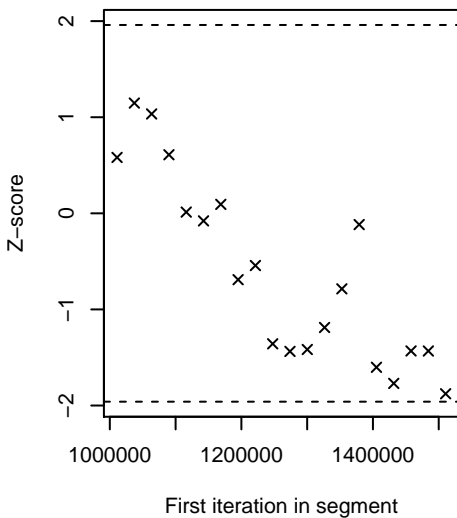
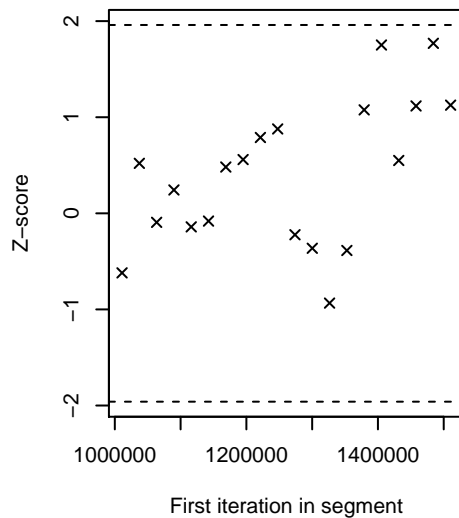
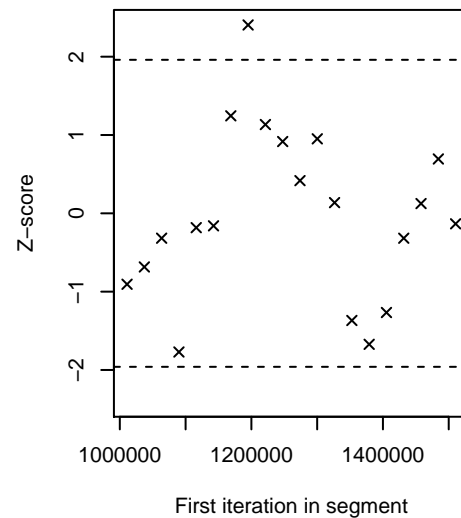
H.B[4] (chain3)**H.B[5] (chain3)****H.B[6] (chain3)****H.B[7] (chain3)****H.B[8] (chain3)****H.B[9] (chain3)****H.B[10] (chain3)****H.B[11] (chain3)****H.B[12] (chain3)**

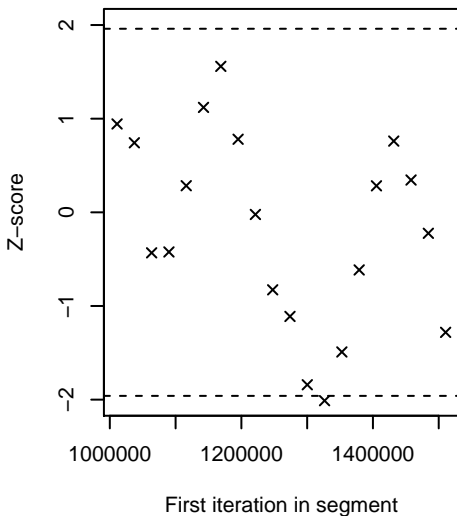
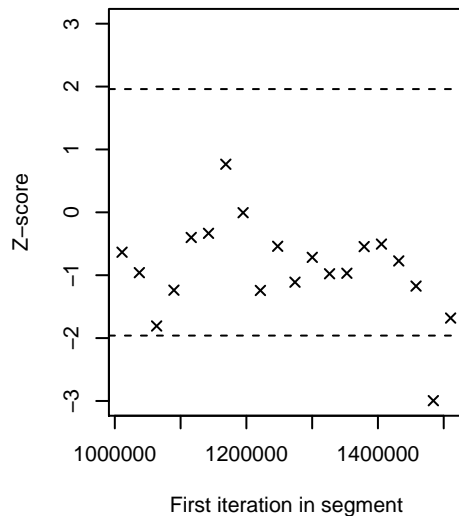
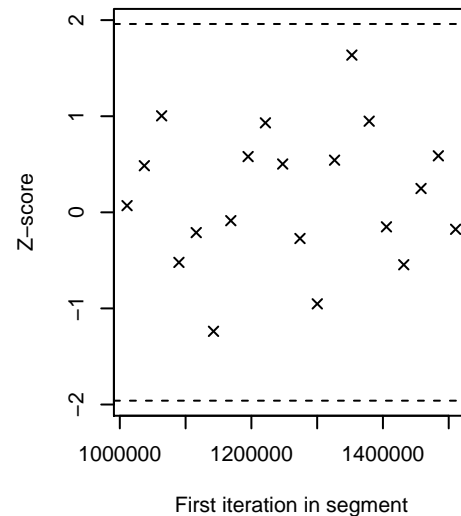
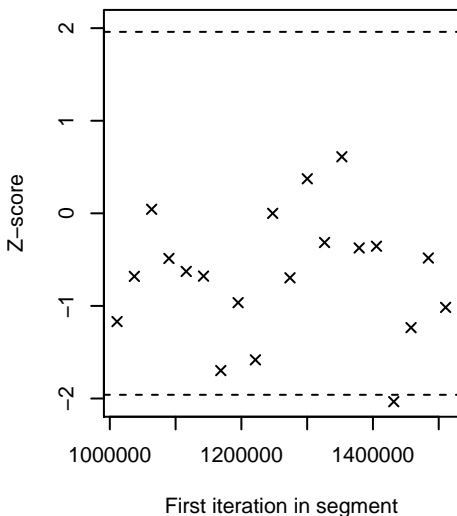
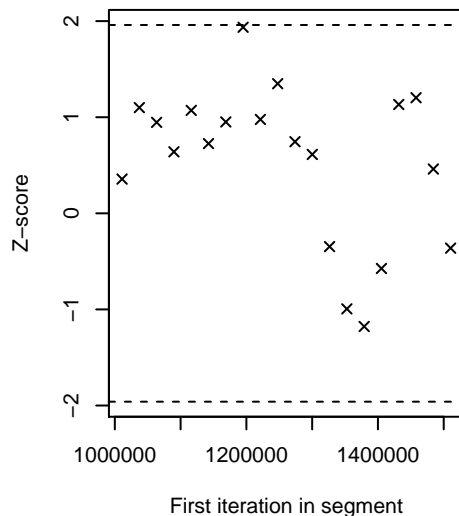
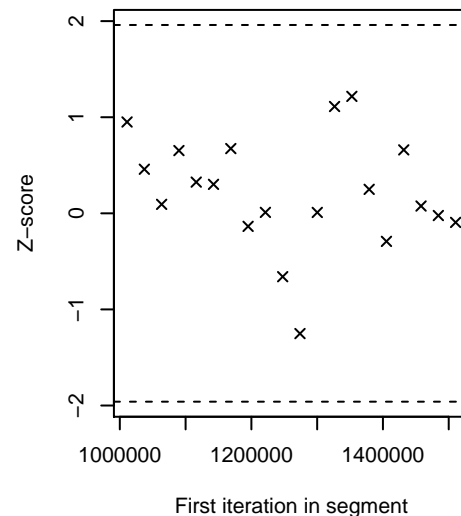
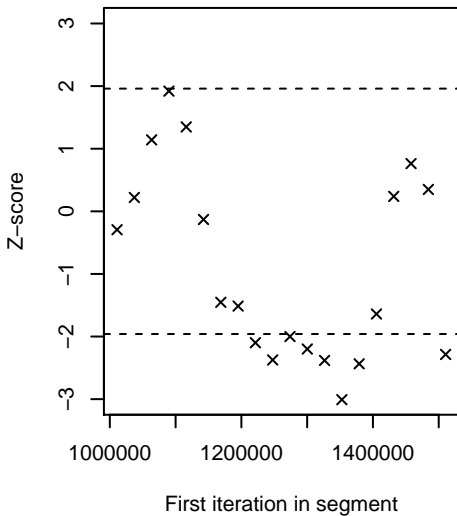
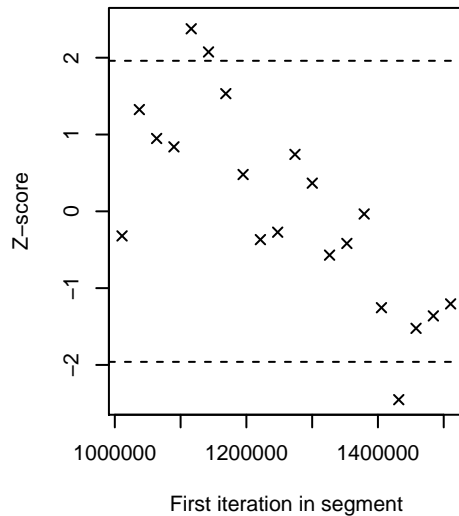
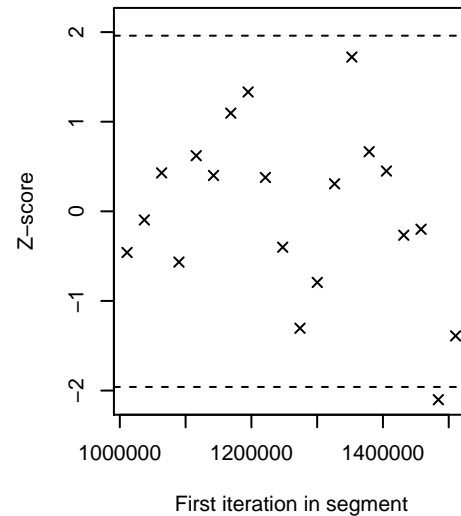
H.B[13] (chain3)**H.B[14] (chain3)****H.B[15] (chain3)****H.B[16] (chain3)****H.B[17] (chain3)****H.B[18] (chain3)****H.B[19] (chain3)****H.B[20] (chain3)****H.B[21] (chain3)**

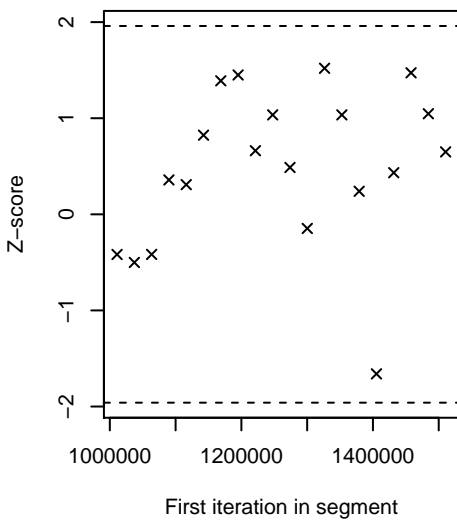
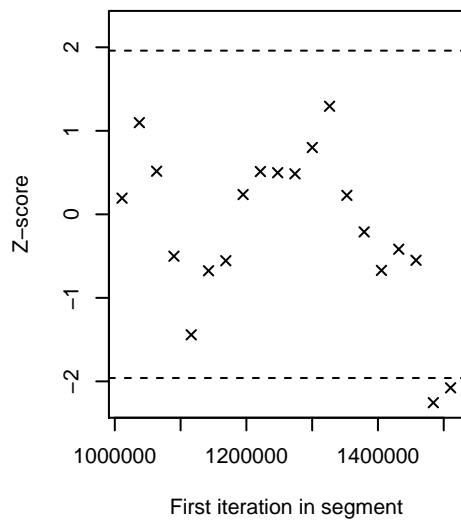
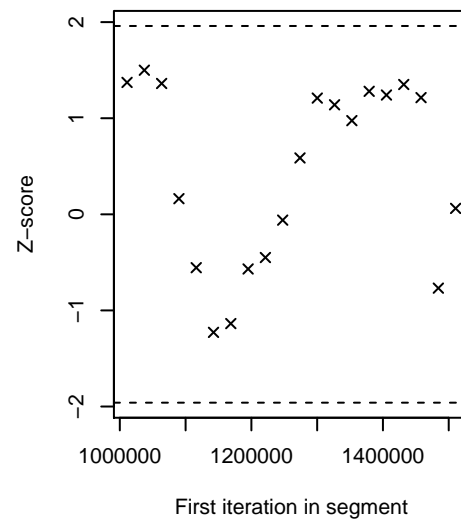
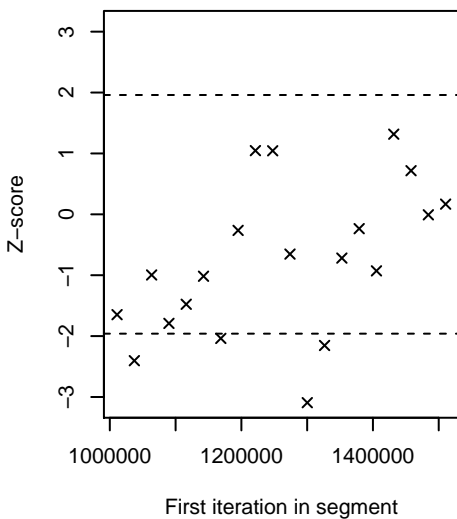
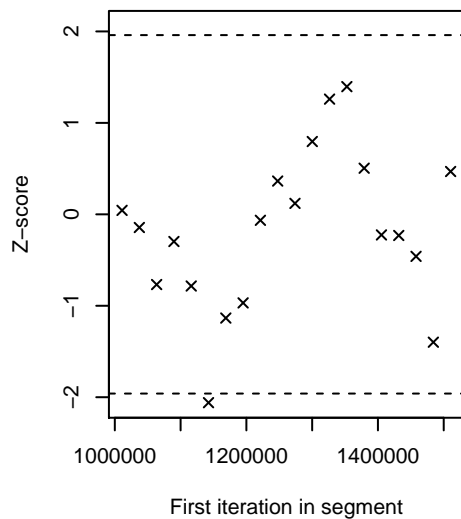
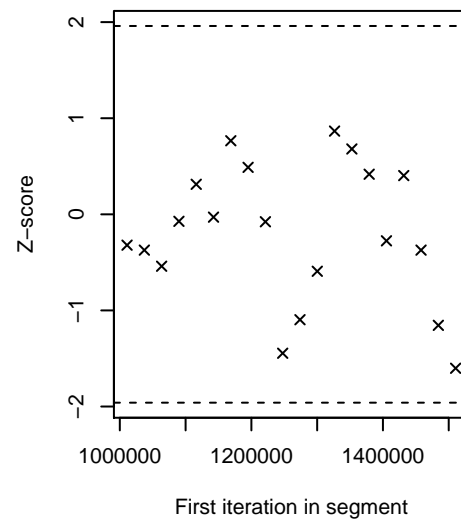
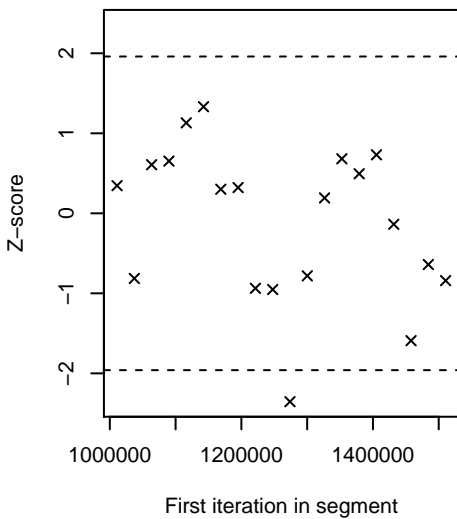
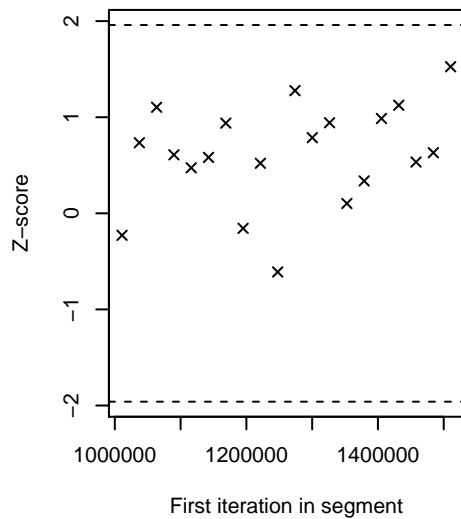
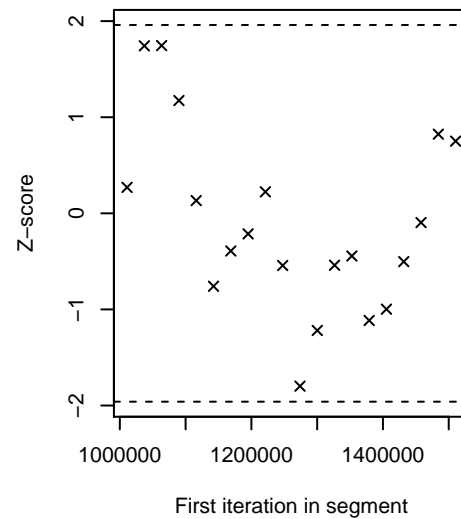
H.B[22] (chain3)**H.B[23] (chain3)****H.B[24] (chain3)****H.B[25] (chain3)****H.B[26] (chain3)****H.B[27] (chain3)****H.B[28] (chain3)****H.B[29] (chain3)****H.B[30] (chain3)**

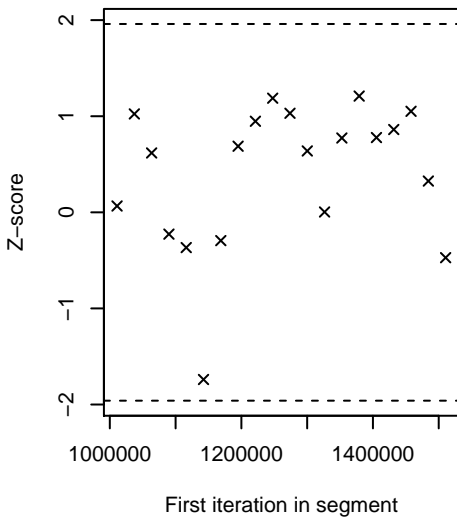
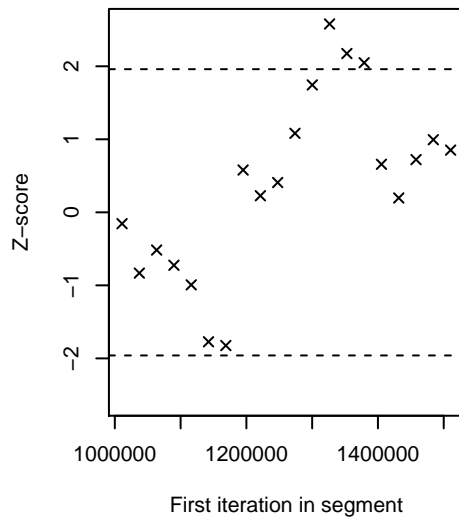
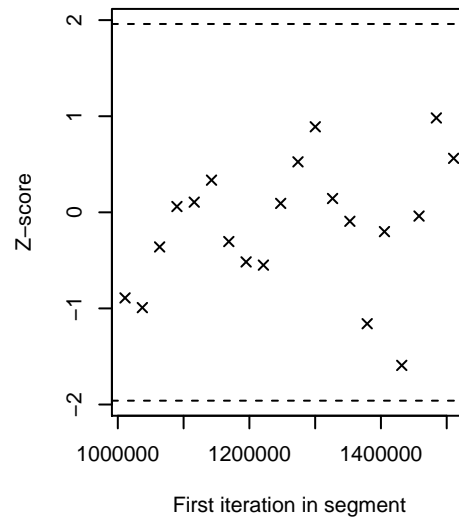
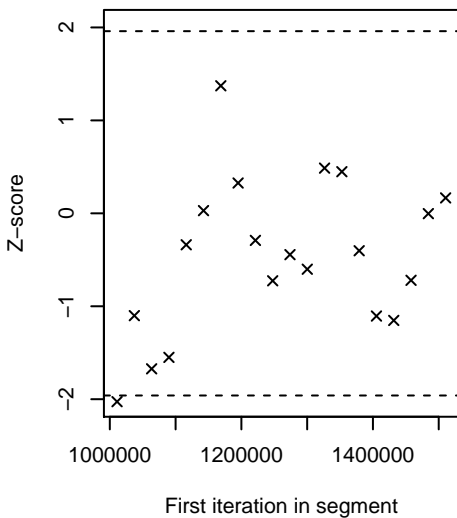
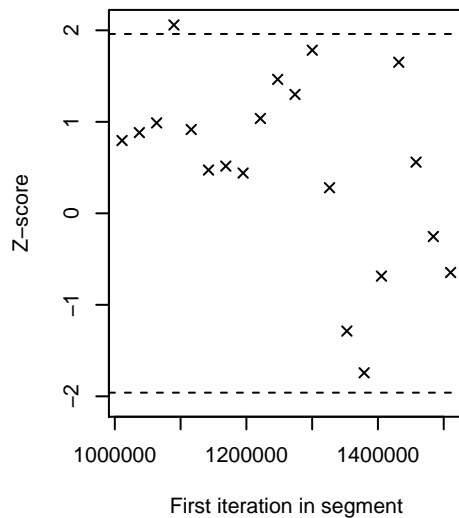
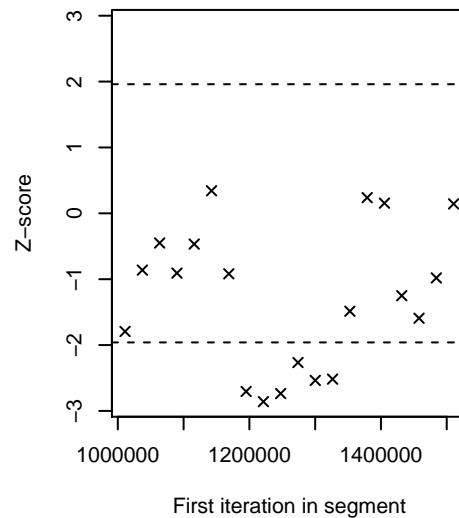
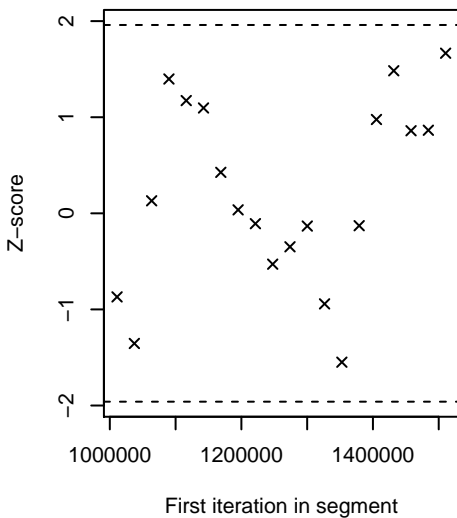
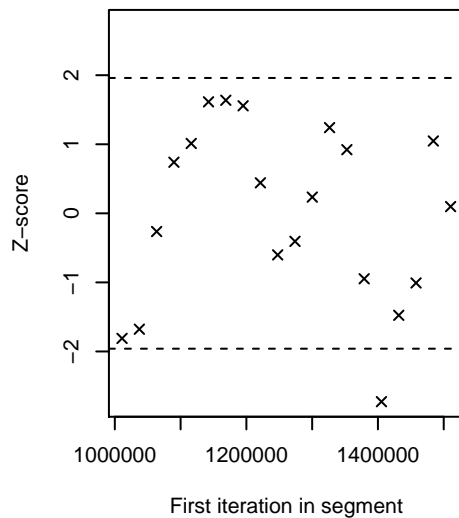
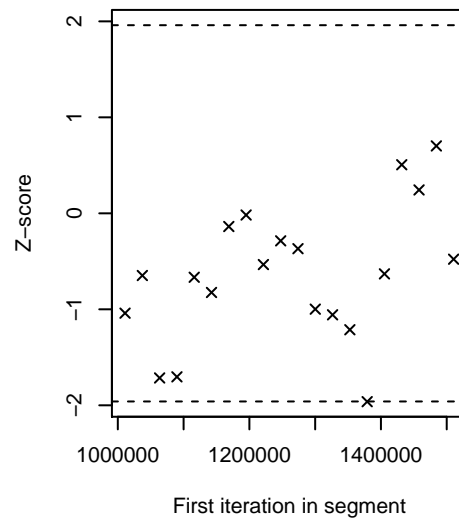
H.B[31] (chain3)**H.B[32] (chain3)****H.B[33] (chain3)****H.B[34] (chain3)****H.B[35] (chain3)****H.B[36] (chain3)****H.B[37] (chain3)****N[1] (chain3)****N[2] (chain3)**

N[3] (chain3)**N[4] (chain3)****N[5] (chain3)****N[6] (chain3)****N[7] (chain3)****N[8] (chain3)****N[9] (chain3)****N[10] (chain3)****N[11] (chain3)**

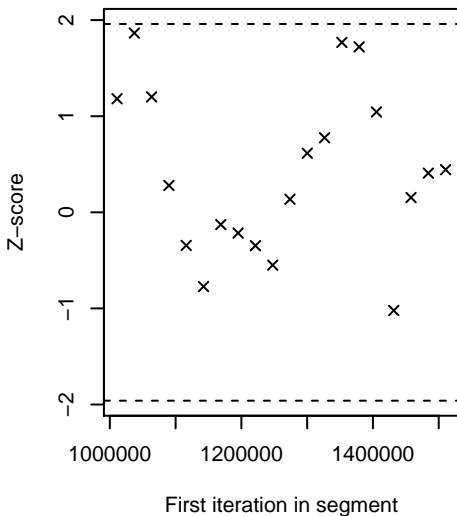
N[12] (chain3)**N[13] (chain3)****N[14] (chain3)****N[15] (chain3)****N[16] (chain3)****N[17] (chain3)****N[18] (chain3)****N[19] (chain3)****N[20] (chain3)**

N[21] (chain3)**N[22] (chain3)****N[23] (chain3)****N[24] (chain3)****N[25] (chain3)****N[26] (chain3)****N[27] (chain3)****N[28] (chain3)****N[29] (chain3)**

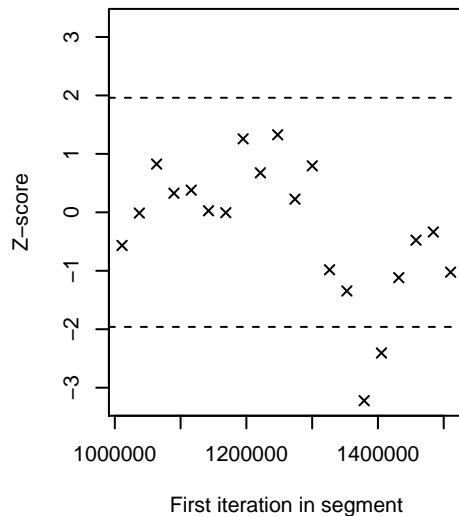
N[30] (chain3)**N[31] (chain3)****N[32] (chain3)****N[33] (chain3)****N[34] (chain3)****N[35] (chain3)****N[36] (chain3)****N[37] (chain3)****N.ya[1,1] (chain3)**

N.ya[2,1] (chain3)**N.ya[3,1] (chain3)****N.ya[4,1] (chain3)****N.ya[5,1] (chain3)****N.ya[6,1] (chain3)****N.ya[7,1] (chain3)****N.ya[8,1] (chain3)****N.ya[9,1] (chain3)****N.ya[10,1] (chain3)**

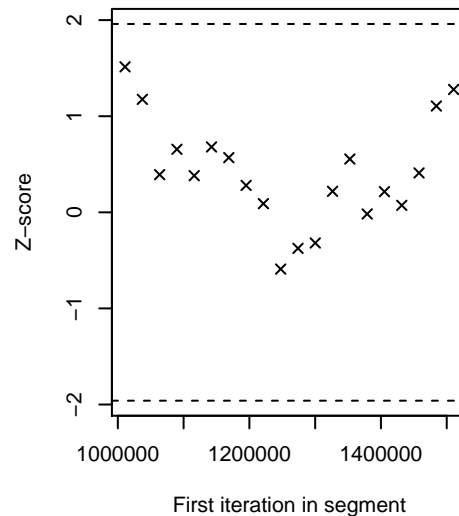
N.ya[11,1] (chain3)



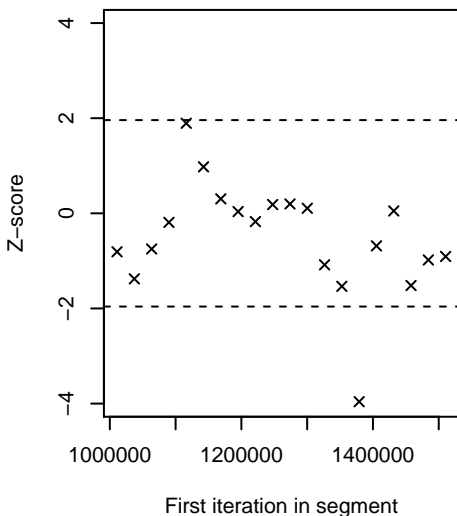
N.ya[12,1] (chain3)



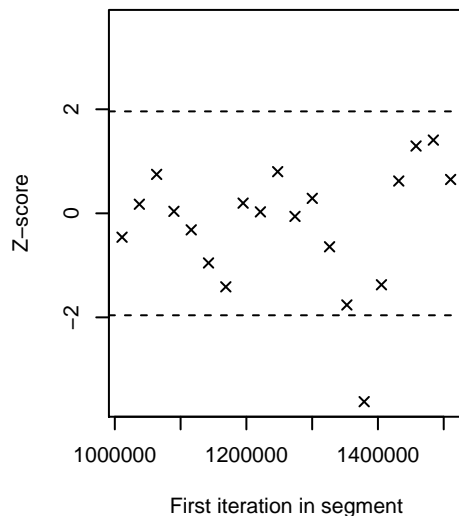
N.ya[13,1] (chain3)



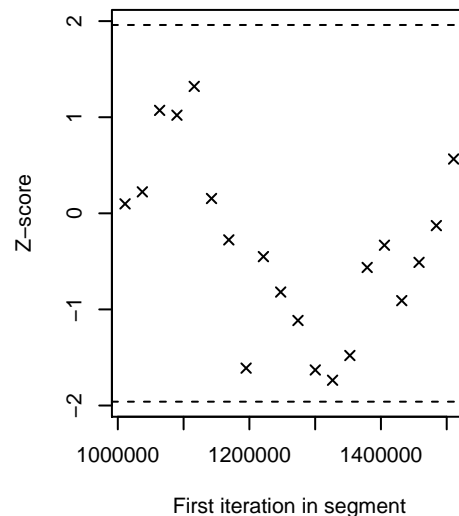
N.ya[14,1] (chain3)



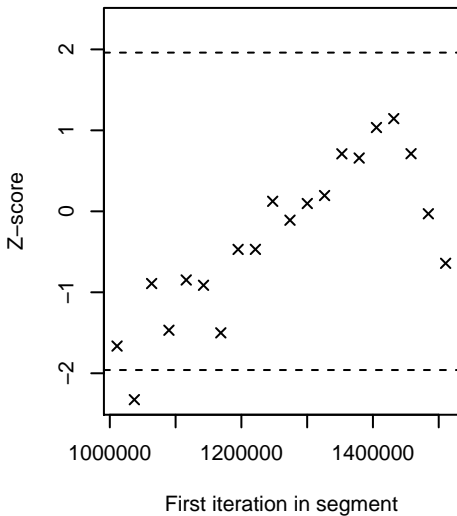
N.ya[15,1] (chain3)



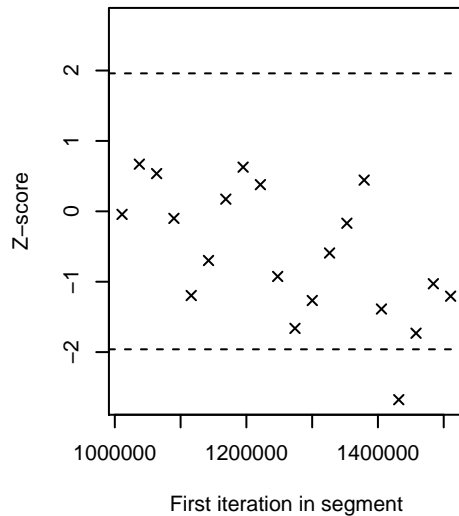
N.ya[16,1] (chain3)



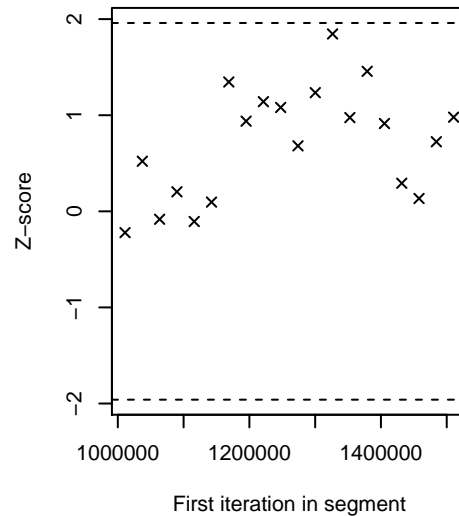
N.ya[17,1] (chain3)

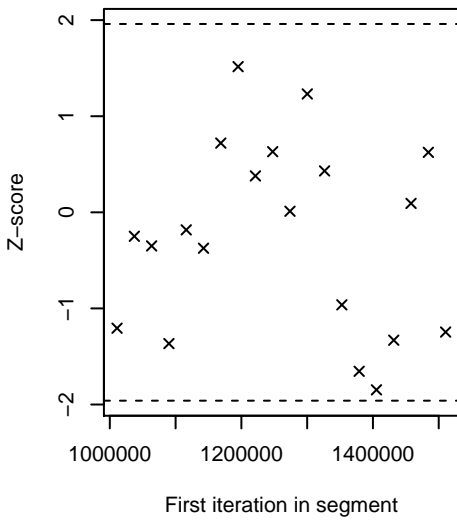
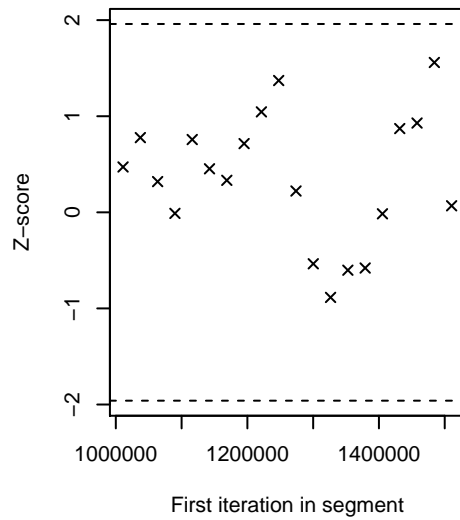
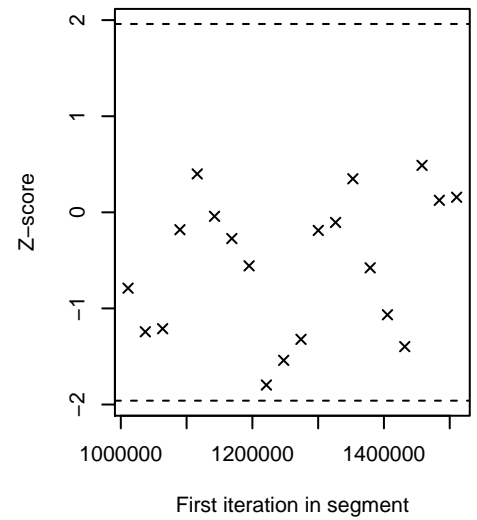
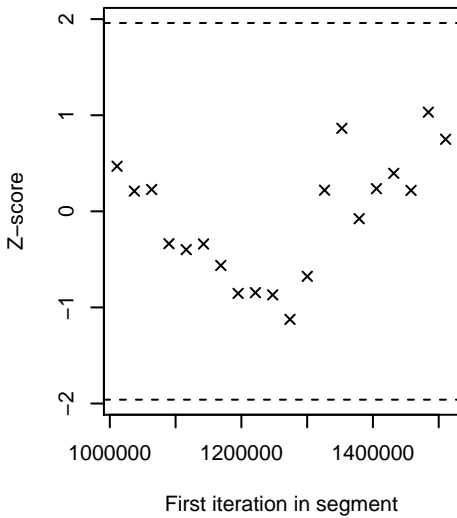
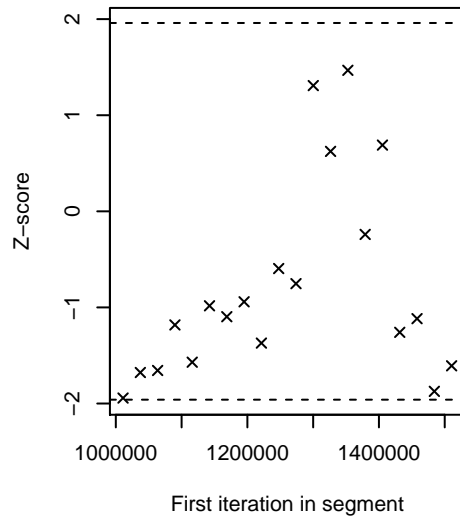
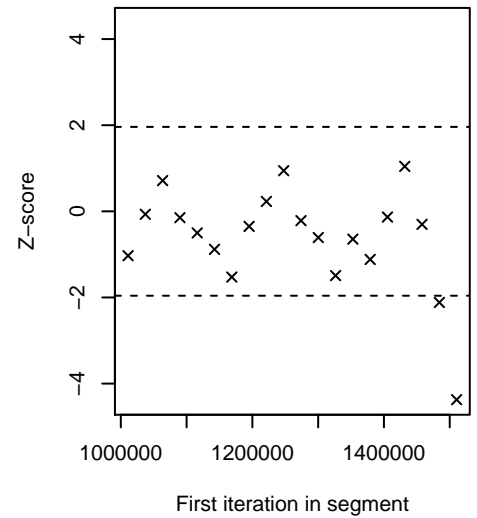
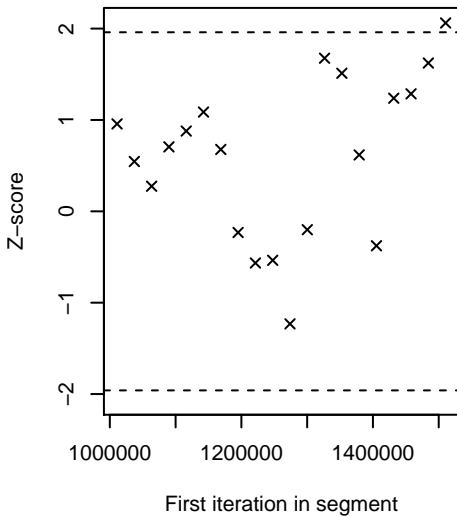
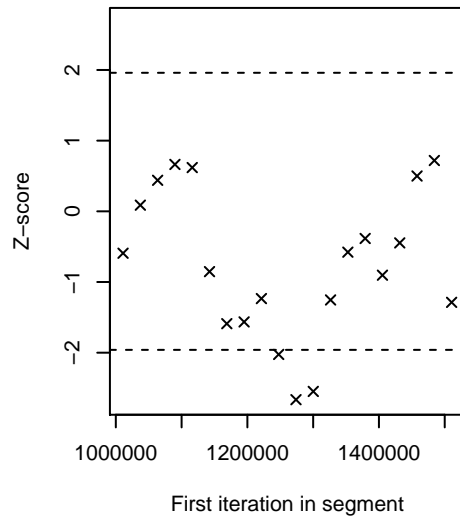
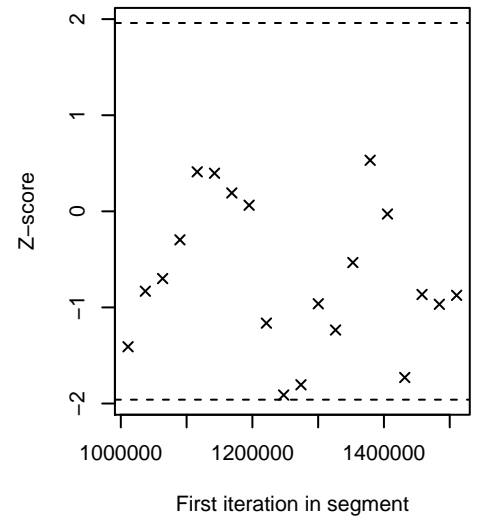


N.ya[18,1] (chain3)

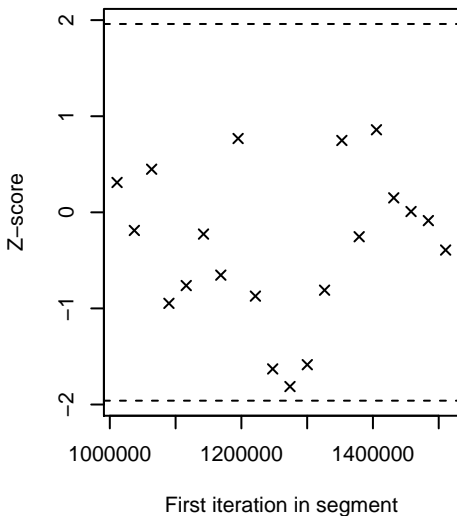


N.ya[19,1] (chain3)

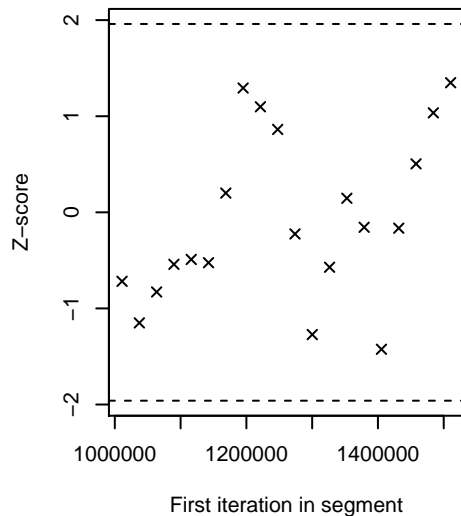


N.ya[20,1] (chain3)**N.ya[21,1] (chain3)****N.ya[22,1] (chain3)****N.ya[23,1] (chain3)****N.ya[24,1] (chain3)****N.ya[25,1] (chain3)****N.ya[26,1] (chain3)****N.ya[27,1] (chain3)****N.ya[28,1] (chain3)**

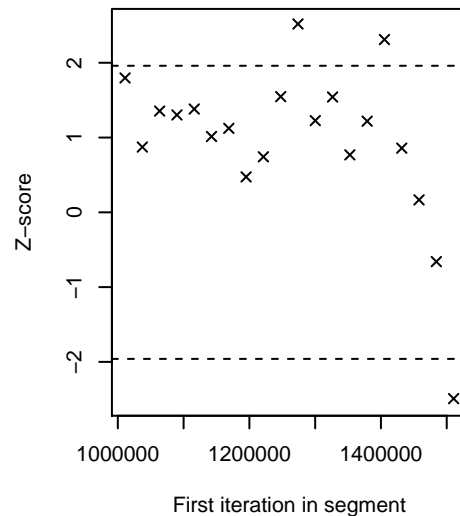
N.ya[29,1] (chain3)



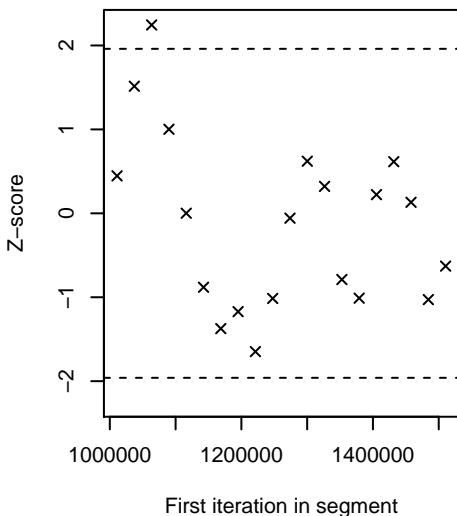
N.ya[30,1] (chain3)



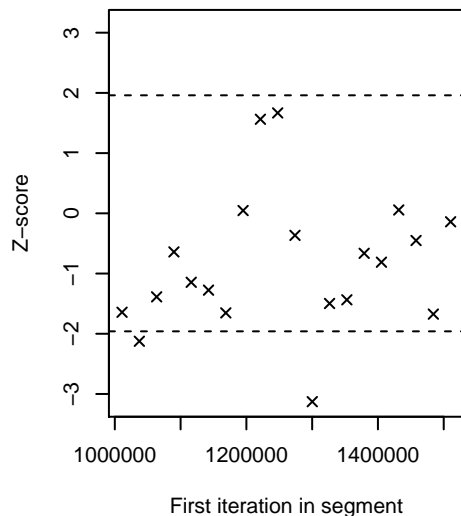
N.ya[31,1] (chain3)



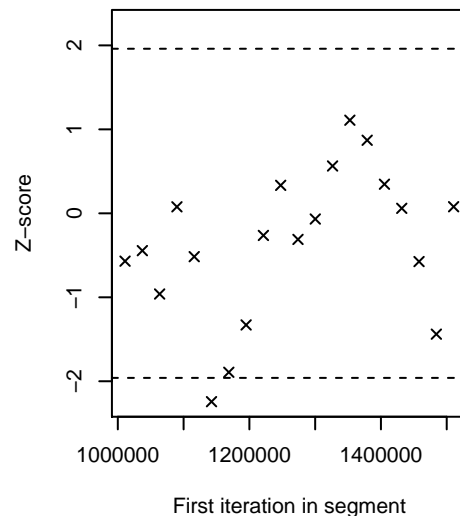
N.ya[32,1] (chain3)



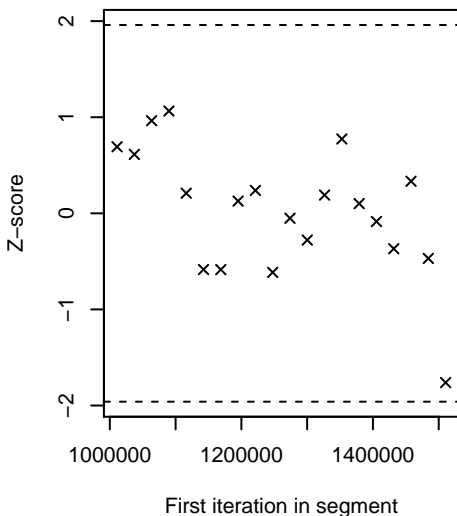
N.ya[33,1] (chain3)



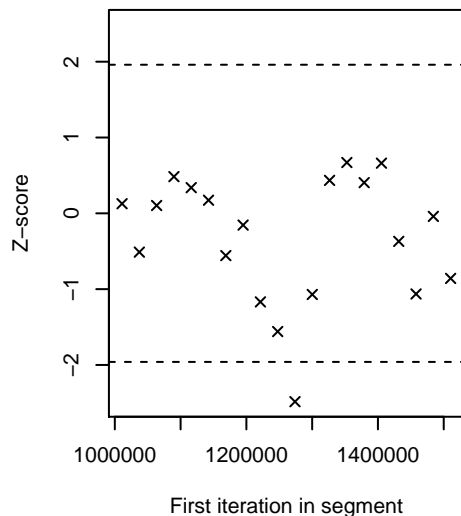
N.ya[34,1] (chain3)



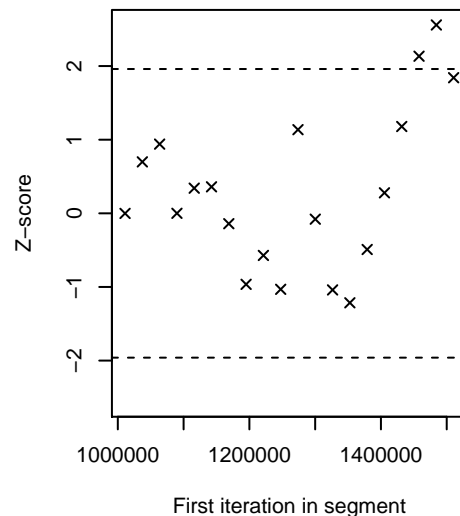
N.ya[35,1] (chain3)



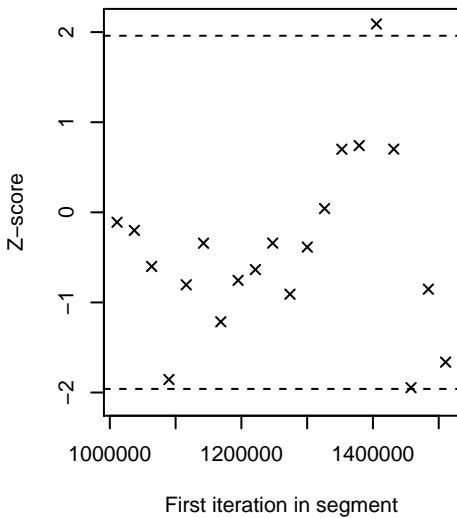
N.ya[36,1] (chain3)



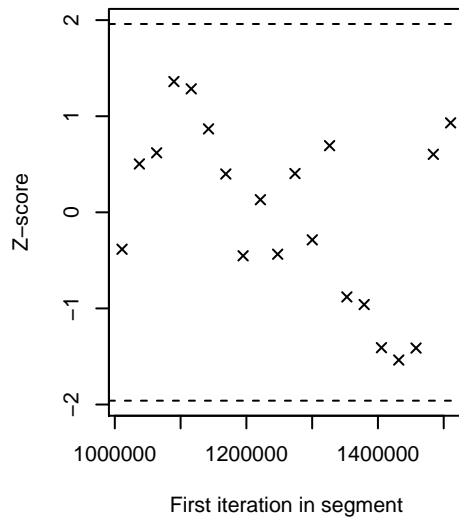
N.ya[37,1] (chain3)



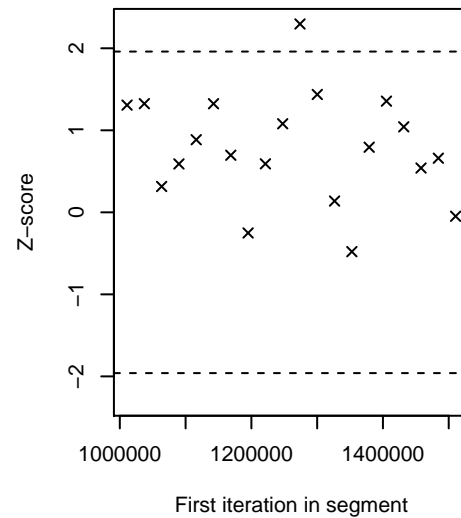
N.ya[1,2] (chain3)



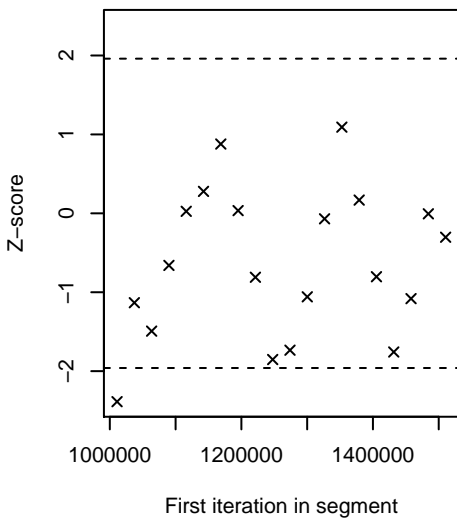
N.ya[2,2] (chain3)



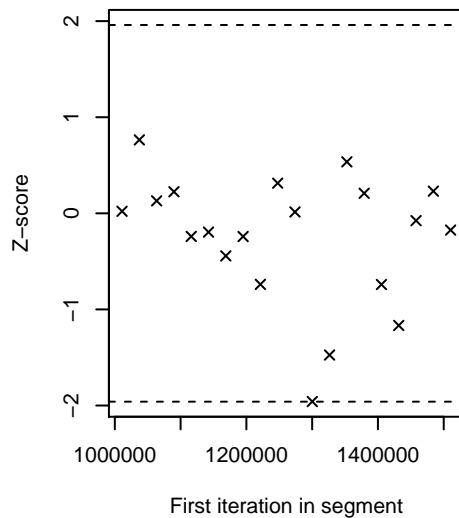
N.ya[3,2] (chain3)



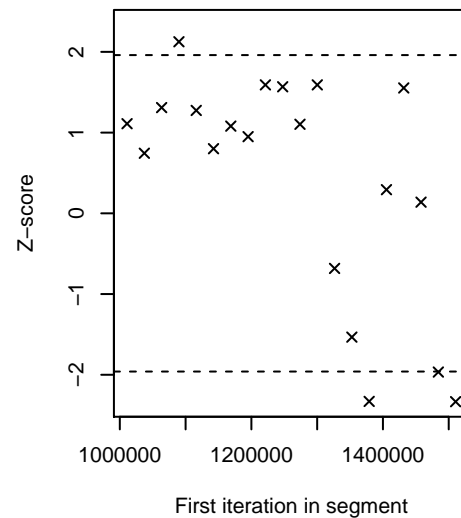
N.ya[4,2] (chain3)



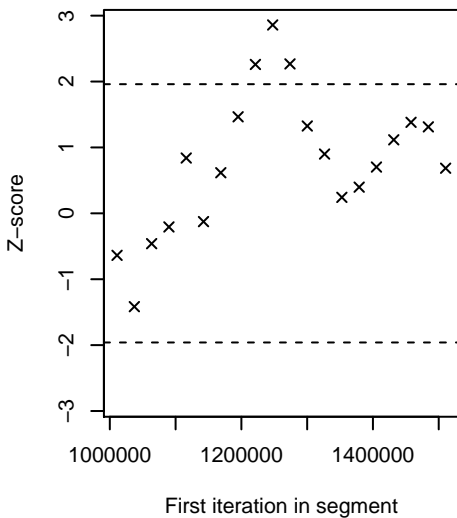
N.ya[5,2] (chain3)



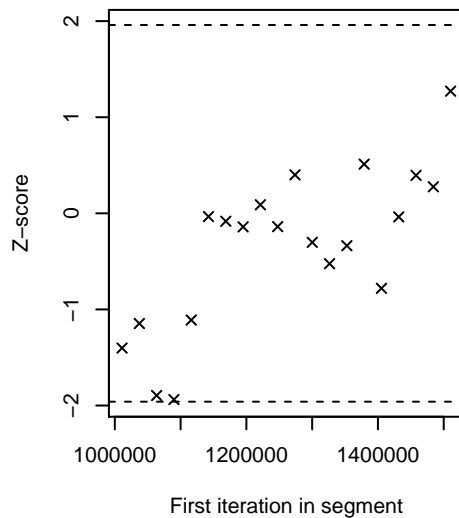
N.ya[6,2] (chain3)



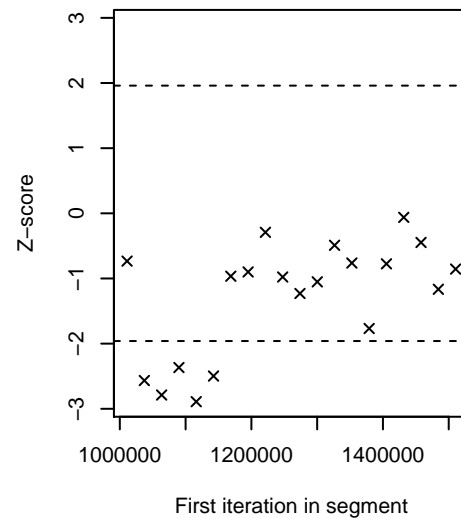
N.ya[7,2] (chain3)

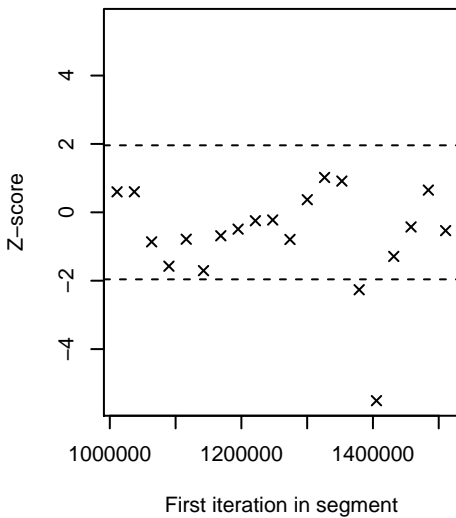
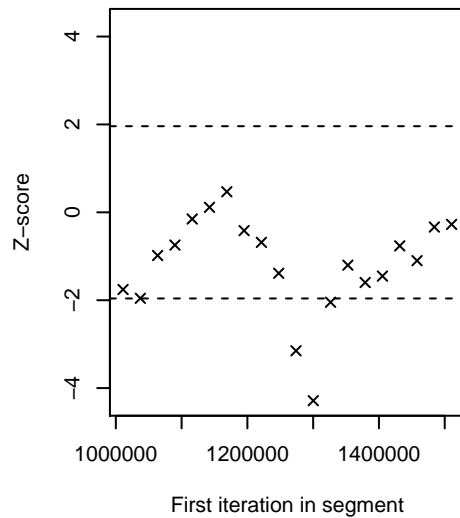
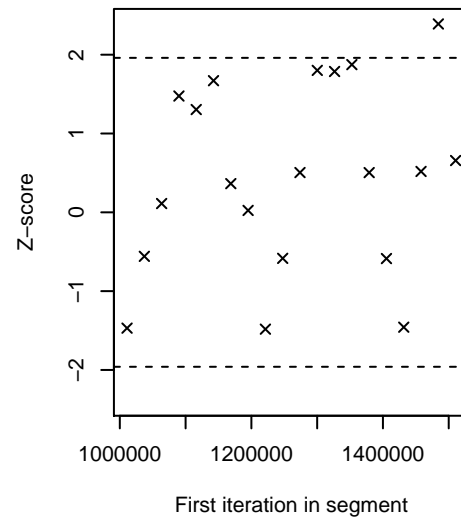
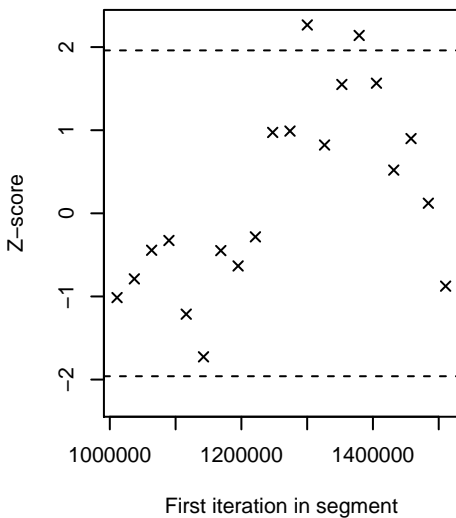
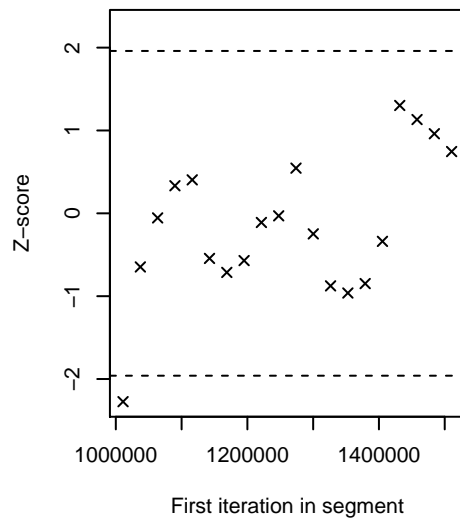
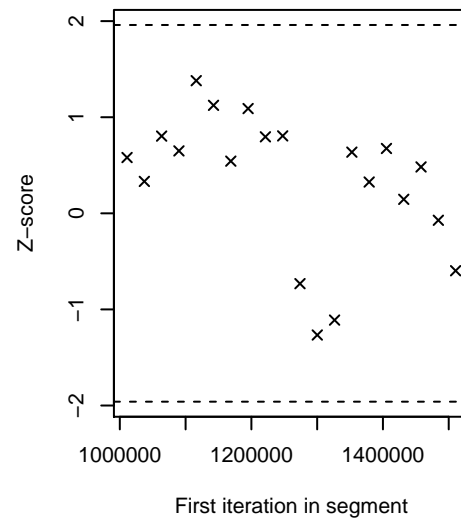
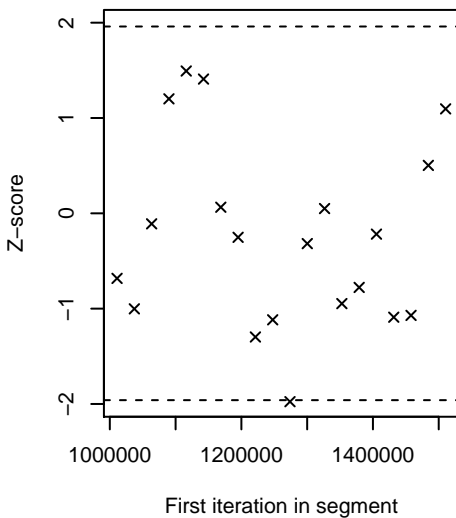
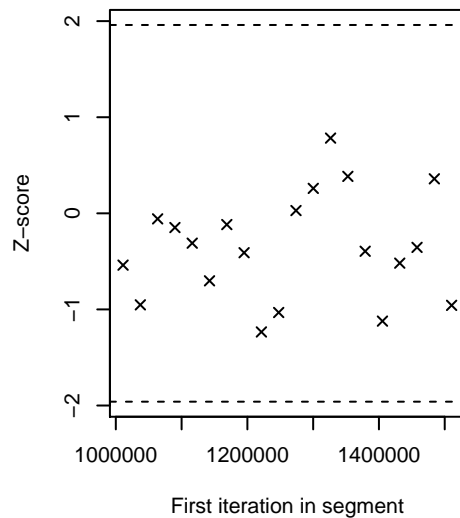
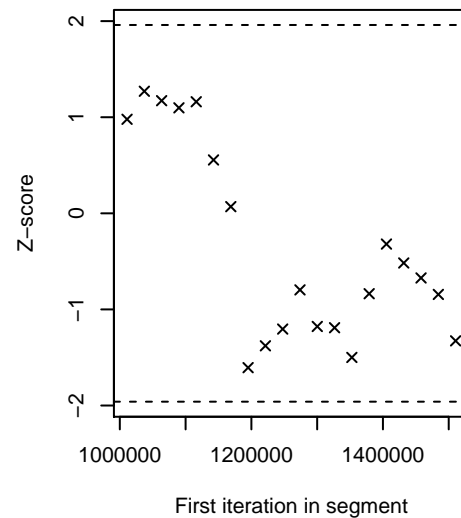


N.ya[8,2] (chain3)

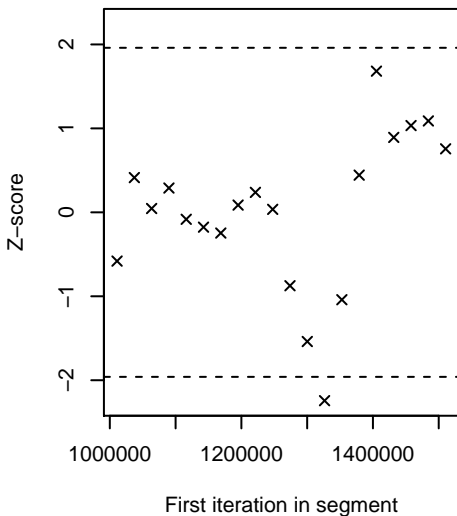


N.ya[9,2] (chain3)

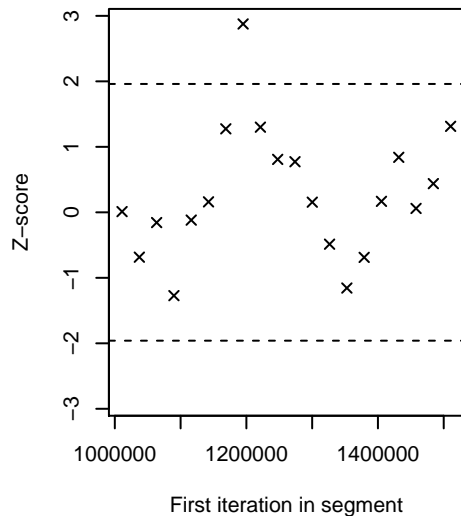


N.ya[10,2] (chain3)**N.ya[11,2] (chain3)****N.ya[12,2] (chain3)****N.ya[13,2] (chain3)****N.ya[14,2] (chain3)****N.ya[15,2] (chain3)****N.ya[16,2] (chain3)****N.ya[17,2] (chain3)****N.ya[18,2] (chain3)**

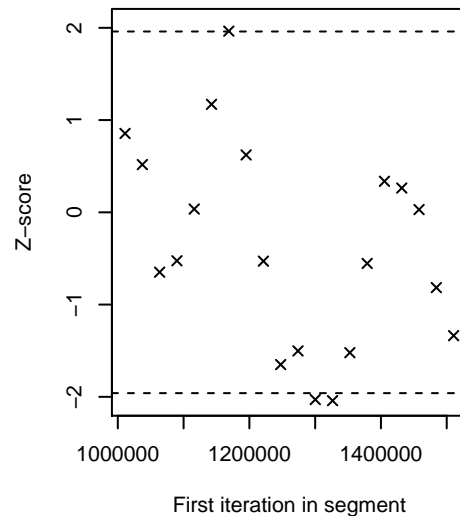
N.ya[19,2] (chain3)



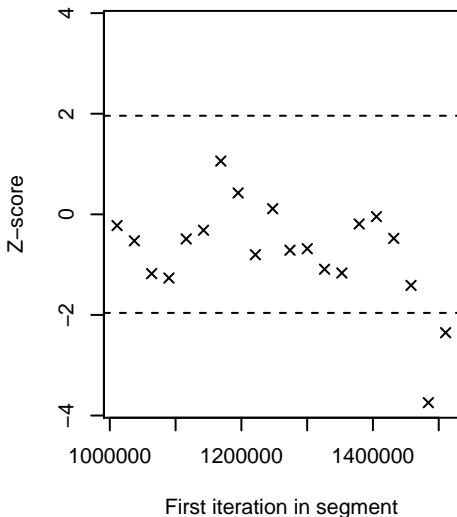
N.ya[20,2] (chain3)



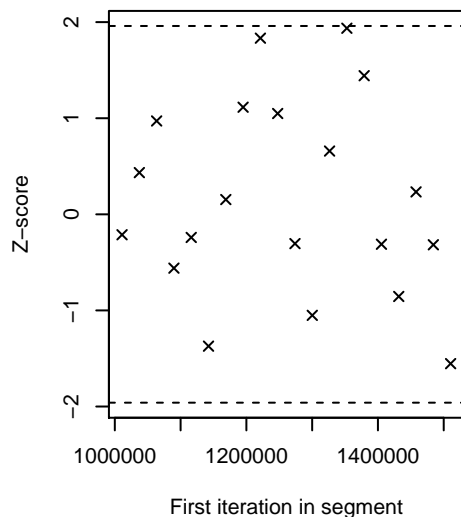
N.ya[21,2] (chain3)



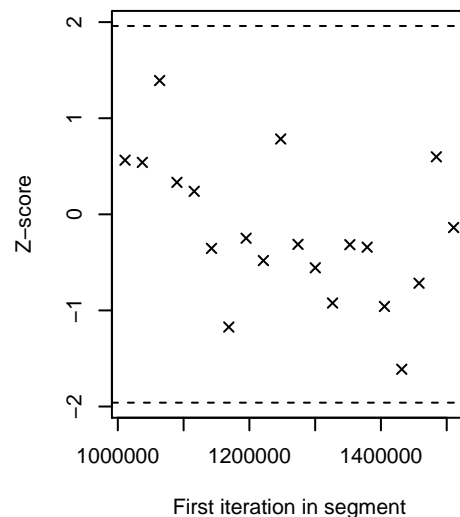
N.ya[22,2] (chain3)



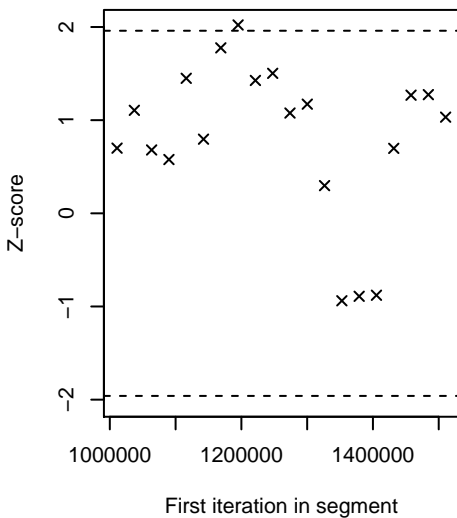
N.ya[23,2] (chain3)



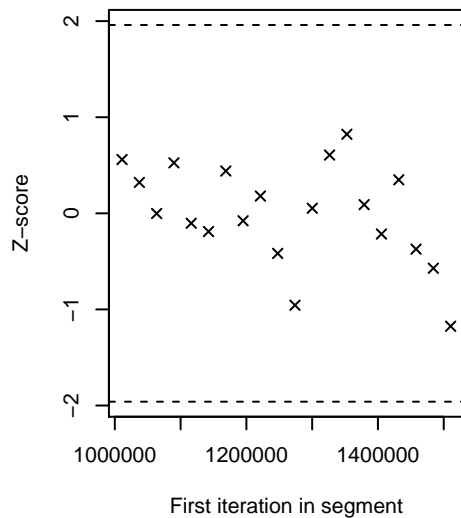
N.ya[24,2] (chain3)



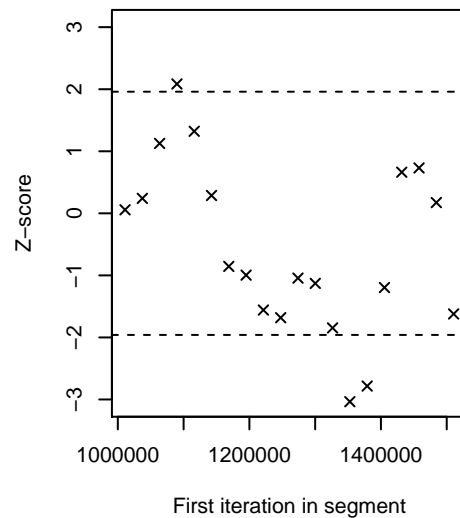
N.ya[25,2] (chain3)



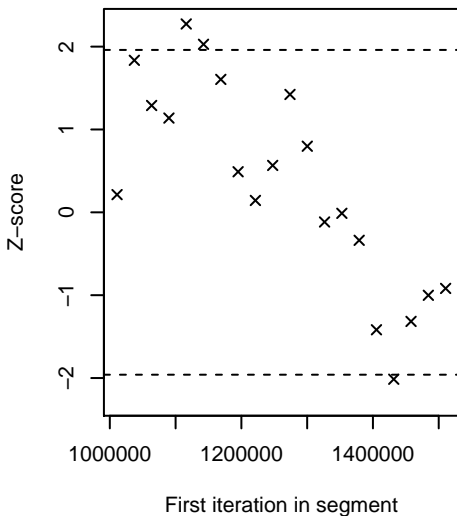
N.ya[26,2] (chain3)



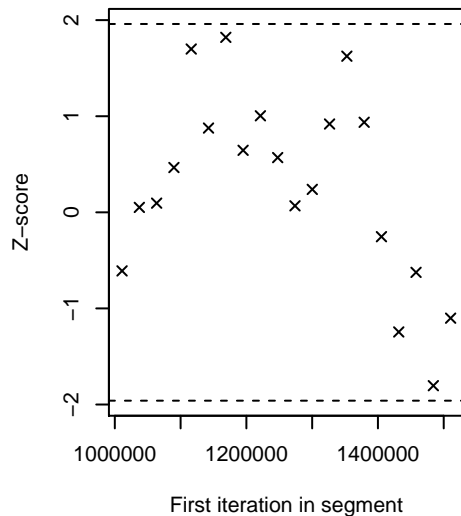
N.ya[27,2] (chain3)



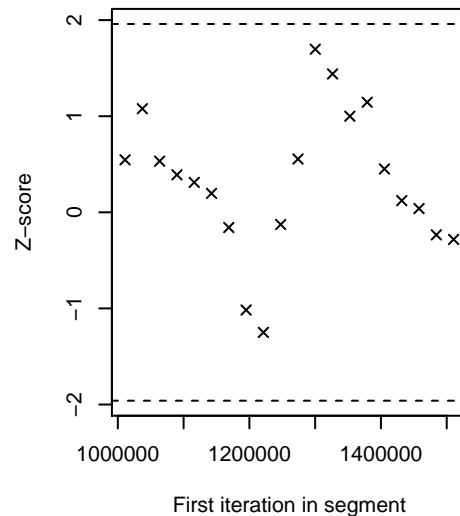
N.ya[28,2] (chain3)



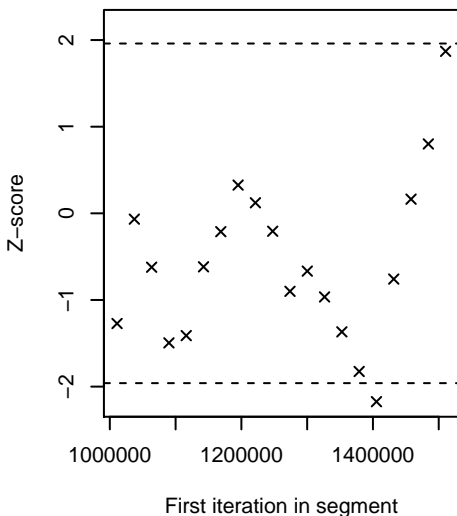
N.ya[29,2] (chain3)



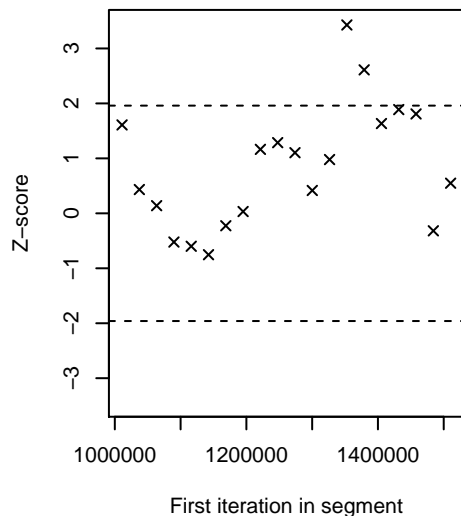
N.ya[30,2] (chain3)



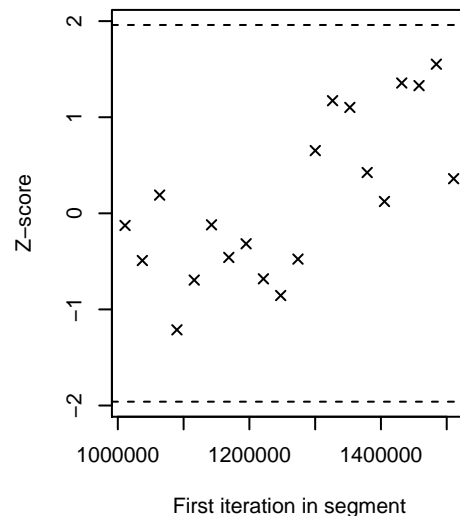
N.ya[31,2] (chain3)



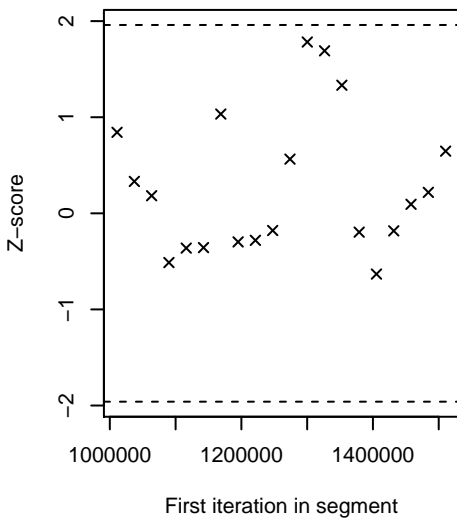
N.ya[32,2] (chain3)



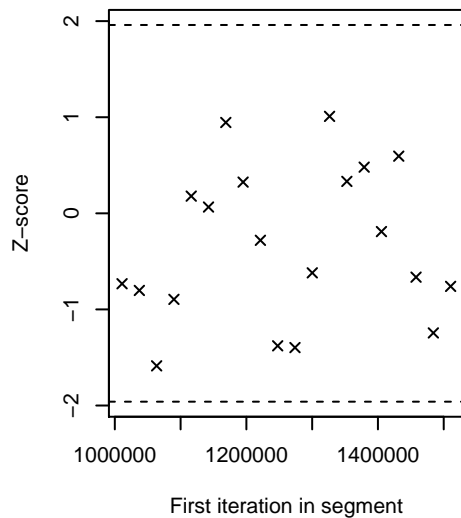
N.ya[33,2] (chain3)



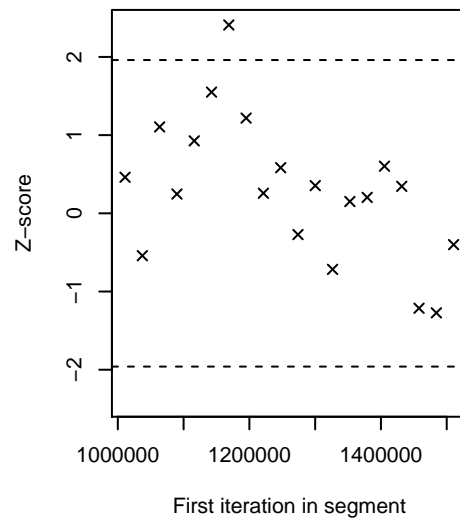
N.ya[34,2] (chain3)

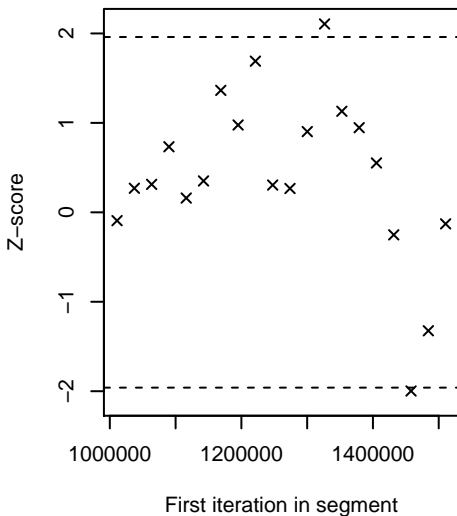
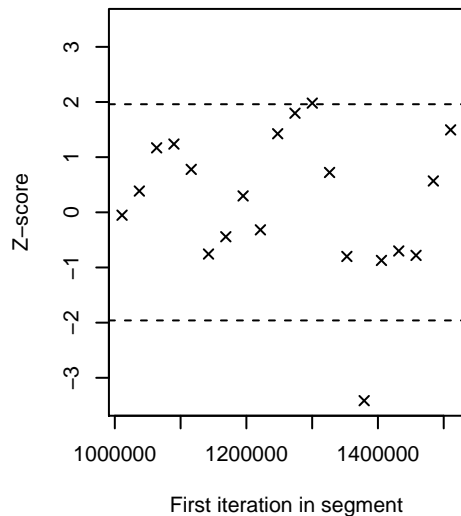
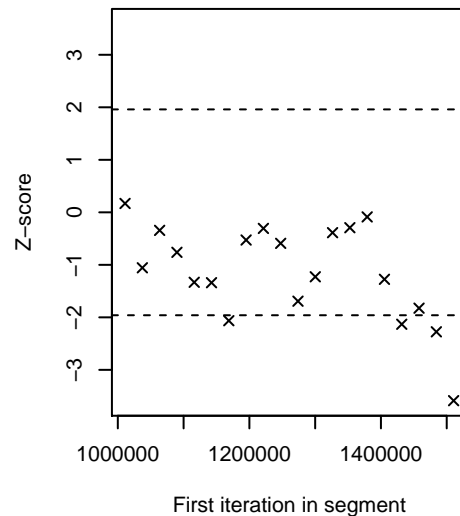
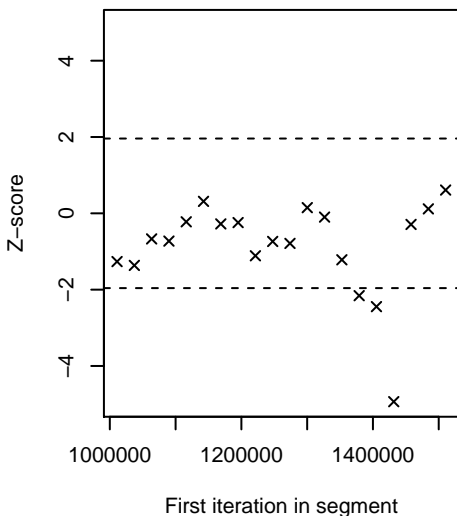
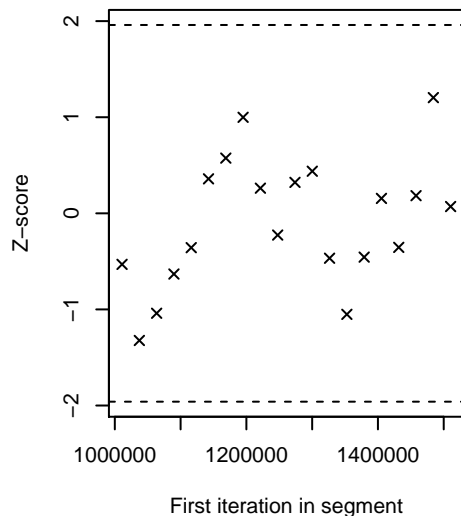
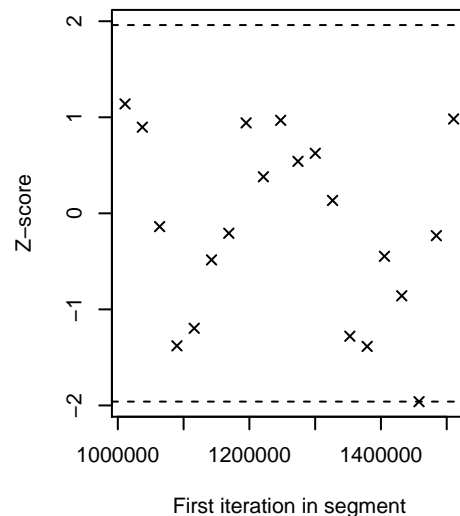
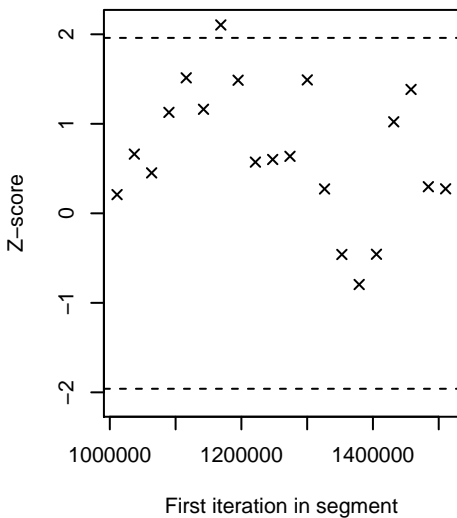
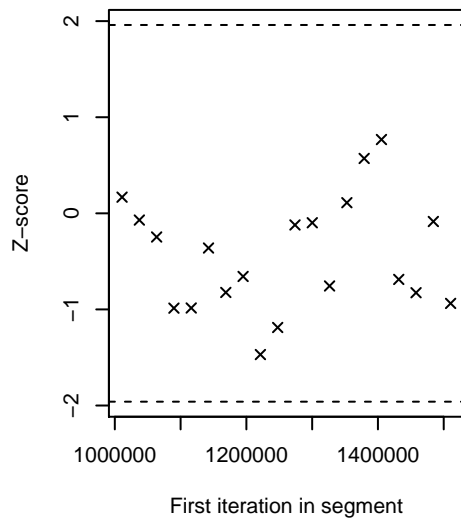
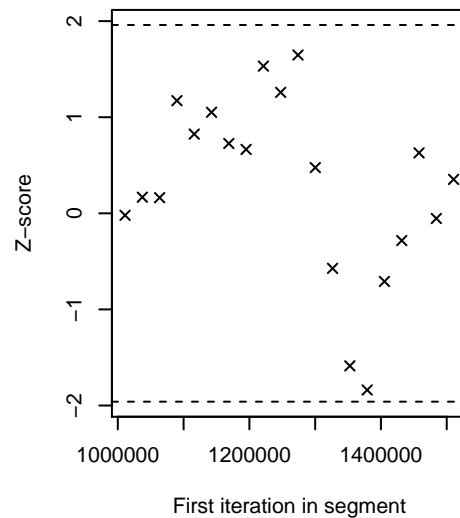


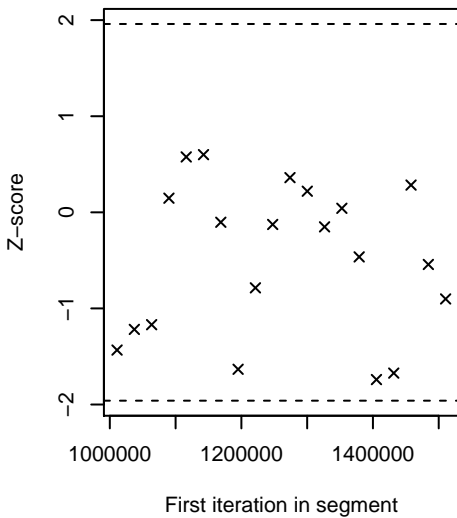
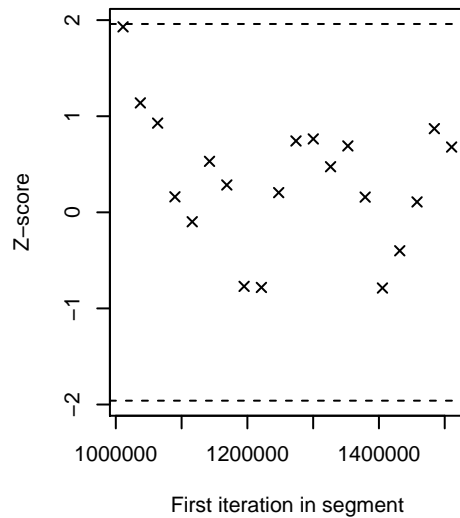
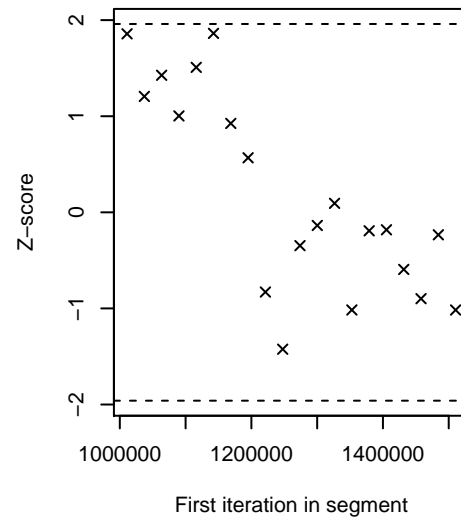
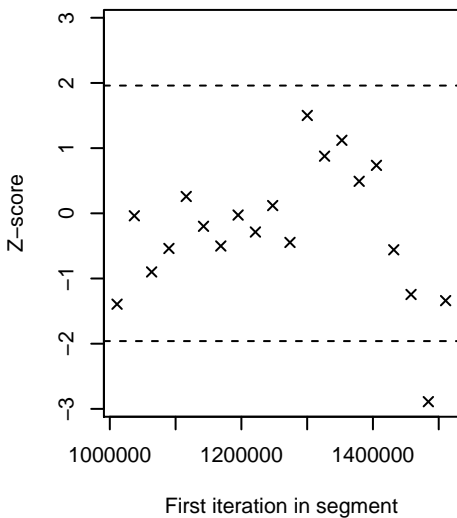
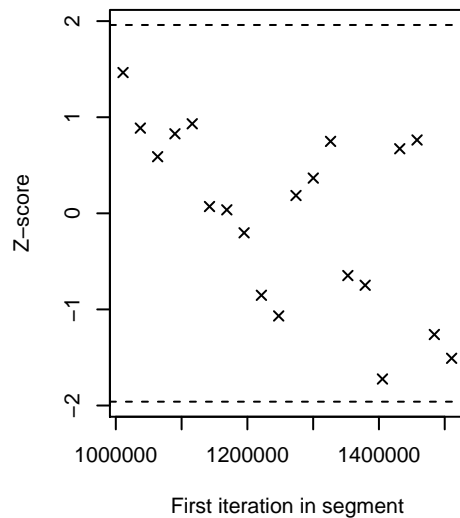
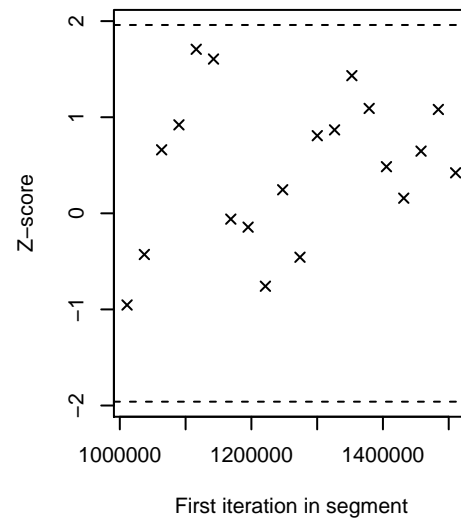
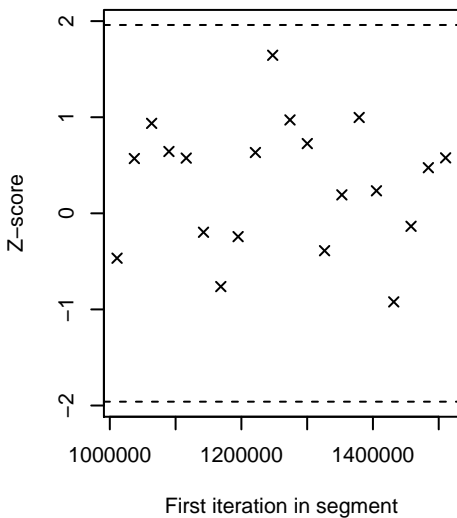
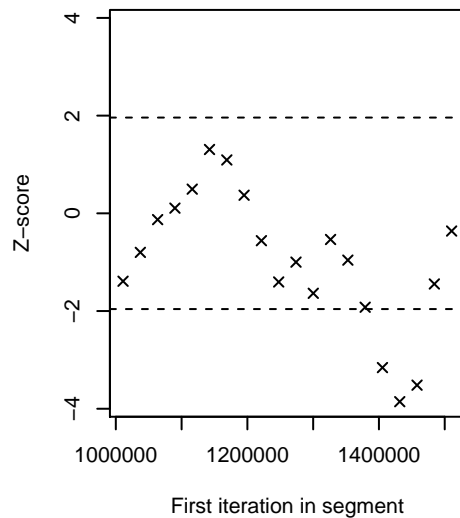
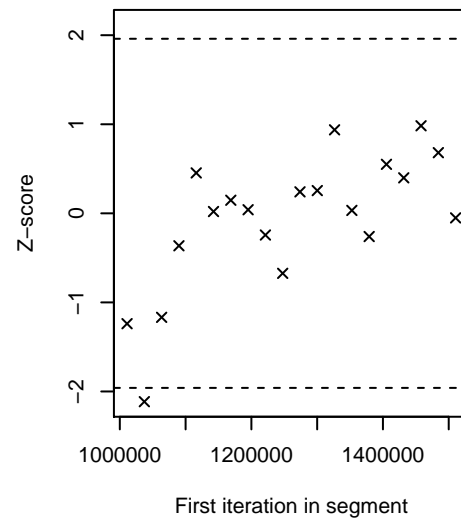
N.ya[35,2] (chain3)



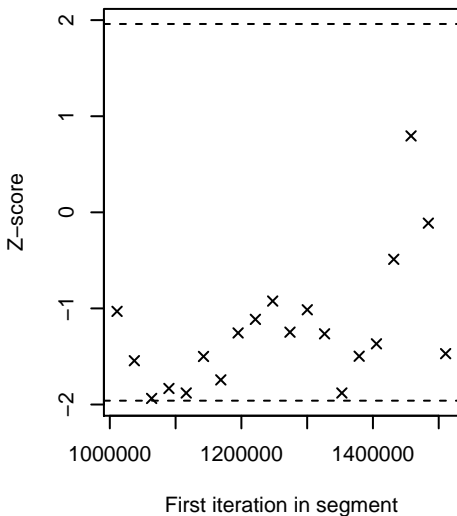
N.ya[36,2] (chain3)



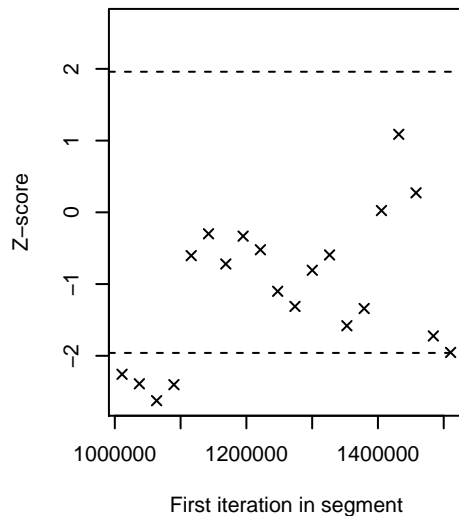
N.ya[37,2] (chain3)**N.ya[1,3] (chain3)****N.ya[2,3] (chain3)****N.ya[3,3] (chain3)****N.ya[4,3] (chain3)****N.ya[5,3] (chain3)****N.ya[6,3] (chain3)****N.ya[7,3] (chain3)****N.ya[8,3] (chain3)**

N.ya[9,3] (chain3)**N.ya[10,3] (chain3)****N.ya[11,3] (chain3)****N.ya[12,3] (chain3)****N.ya[13,3] (chain3)****N.ya[14,3] (chain3)****N.ya[15,3] (chain3)****N.ya[16,3] (chain3)****N.ya[17,3] (chain3)**

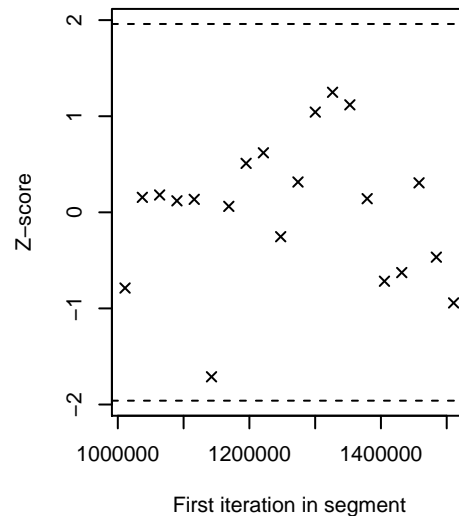
N.ya[18,3] (chain3)



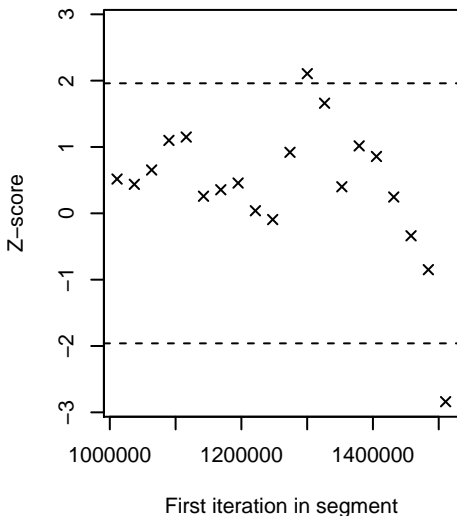
N.ya[19,3] (chain3)



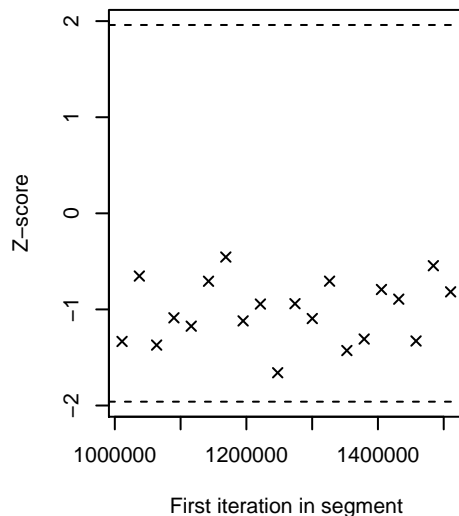
N.ya[20,3] (chain3)



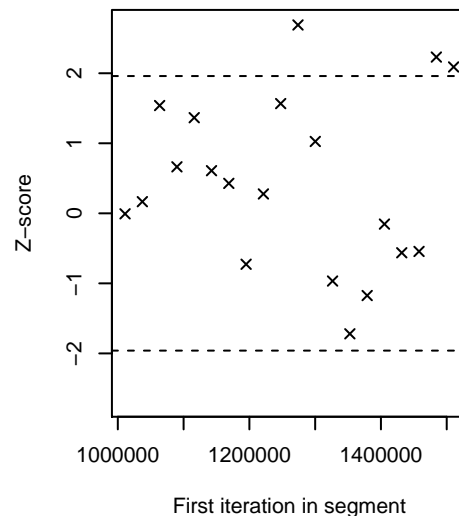
N.ya[21,3] (chain3)



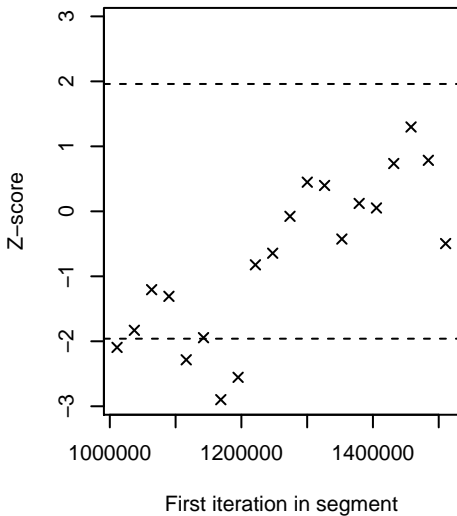
N.ya[22,3] (chain3)



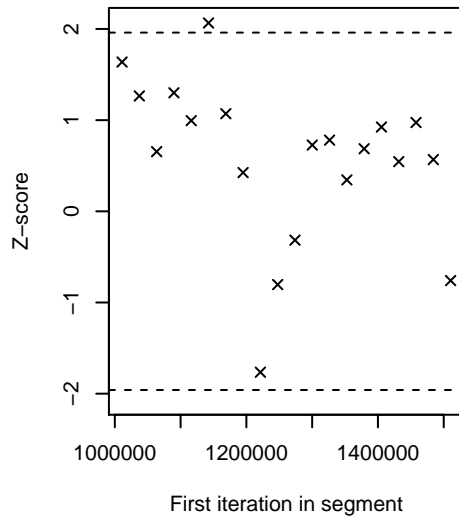
N.ya[23,3] (chain3)



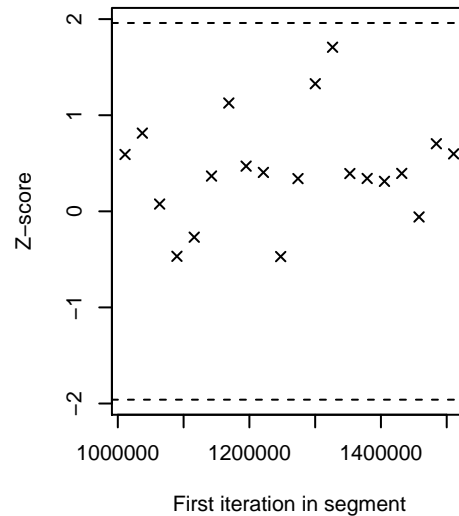
N.ya[24,3] (chain3)



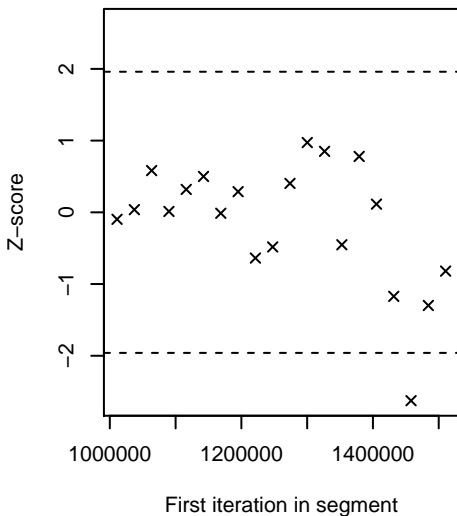
N.ya[25,3] (chain3)



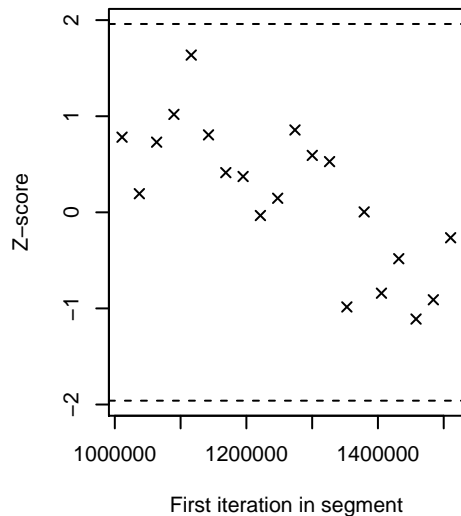
N.ya[26,3] (chain3)



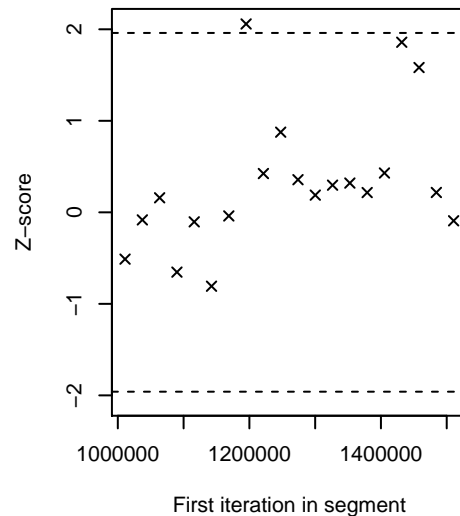
N.ya[27,3] (chain3)



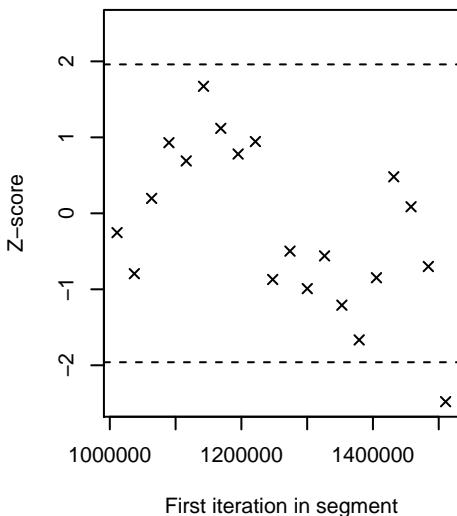
N.ya[28,3] (chain3)



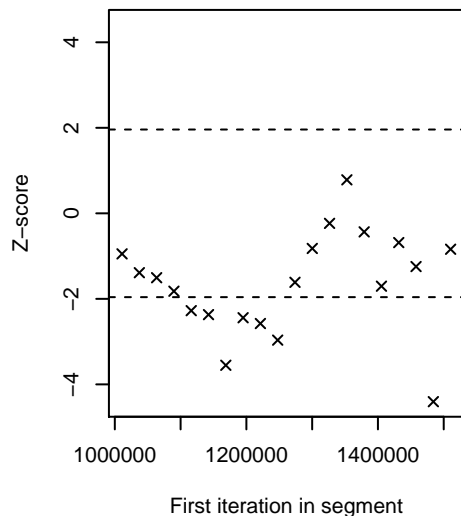
N.ya[29,3] (chain3)



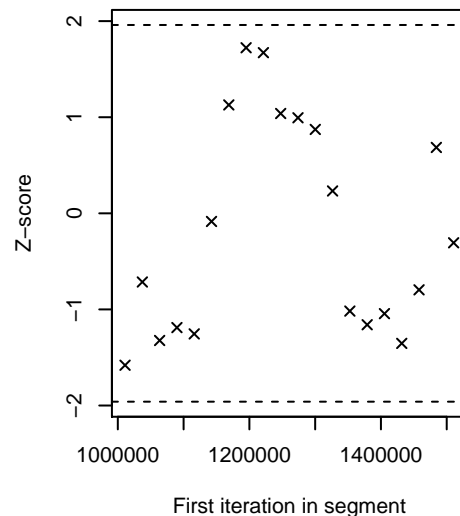
N.ya[30,3] (chain3)



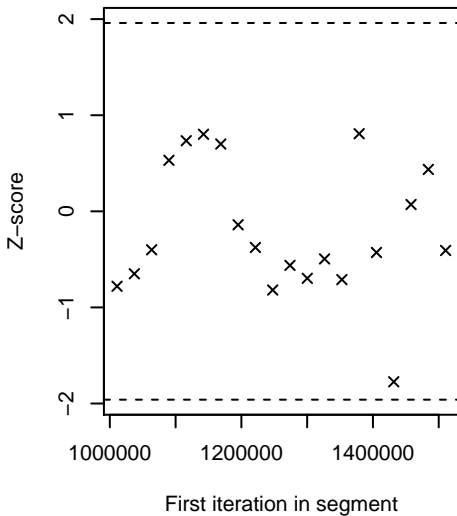
N.ya[31,3] (chain3)



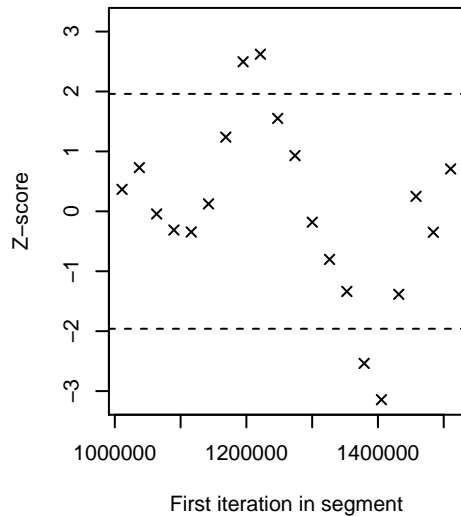
N.ya[32,3] (chain3)



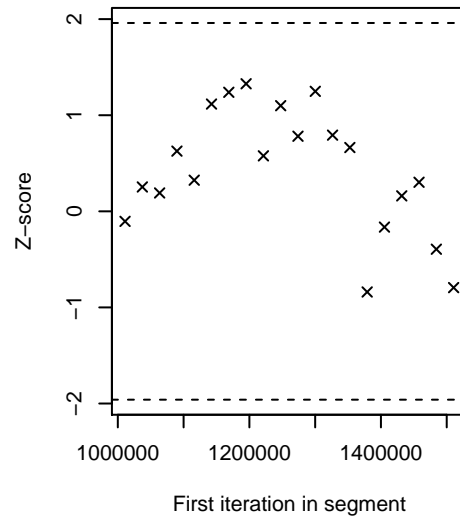
N.ya[33,3] (chain3)

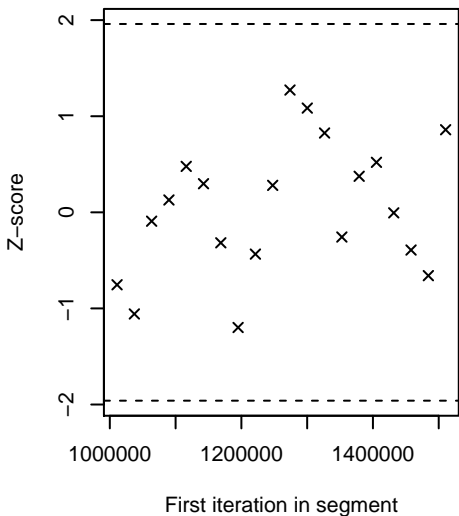
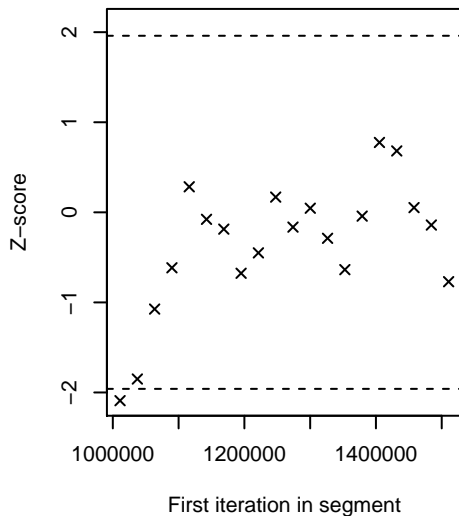
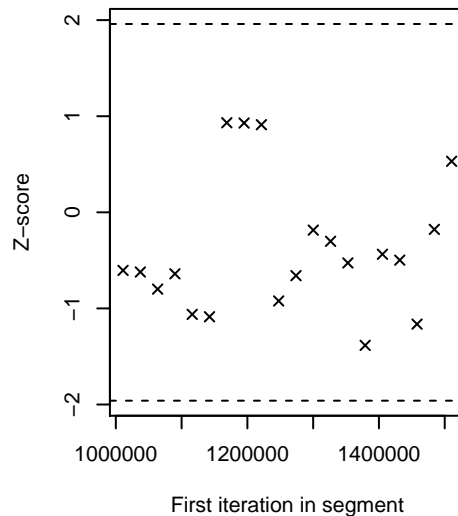
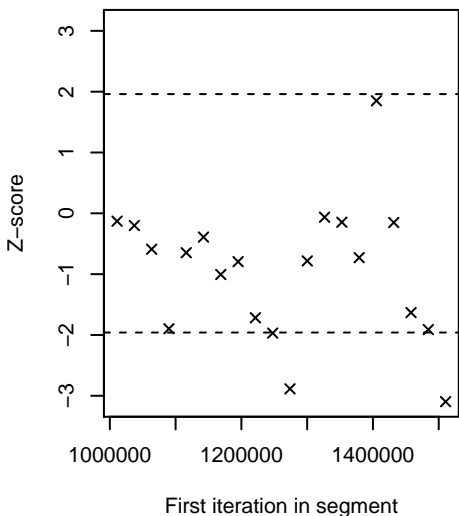
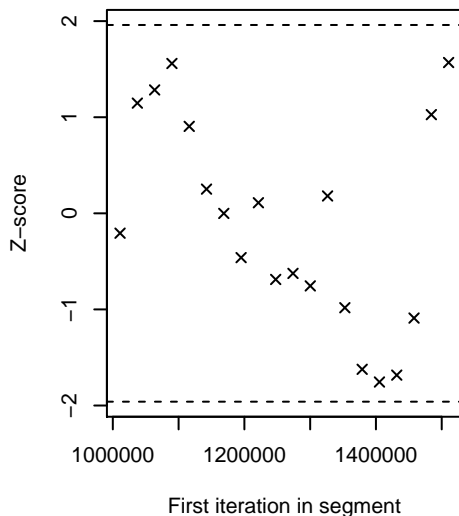
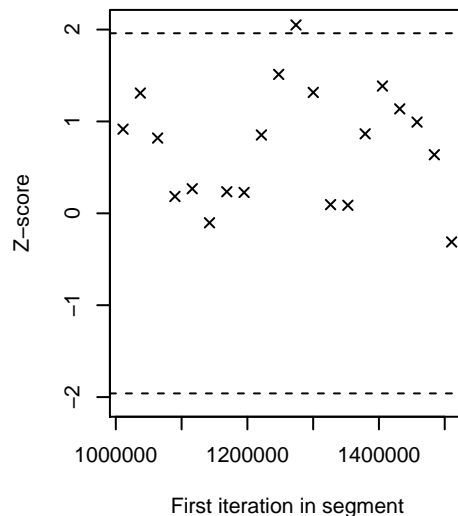
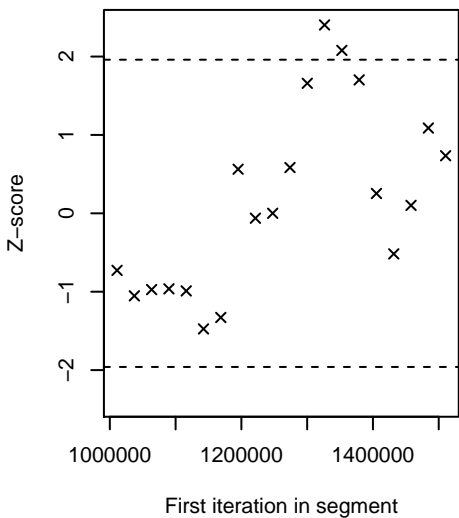
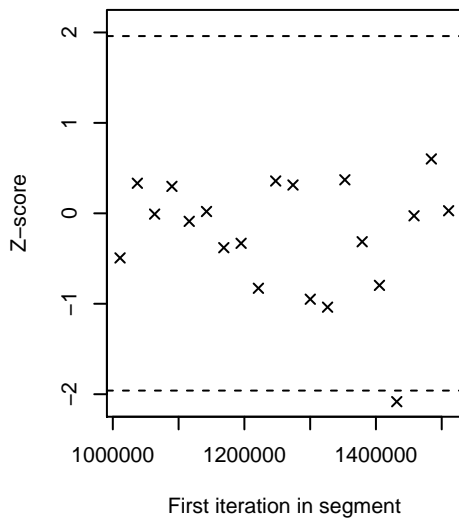
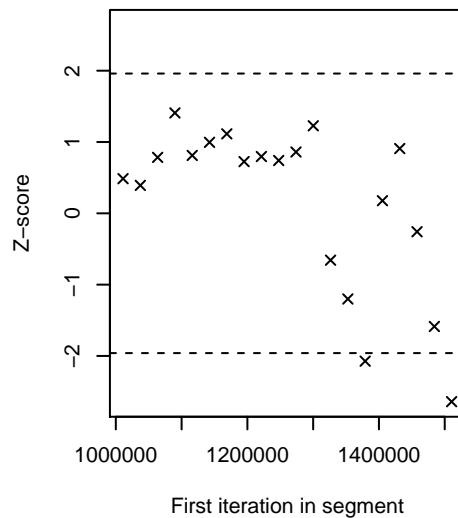


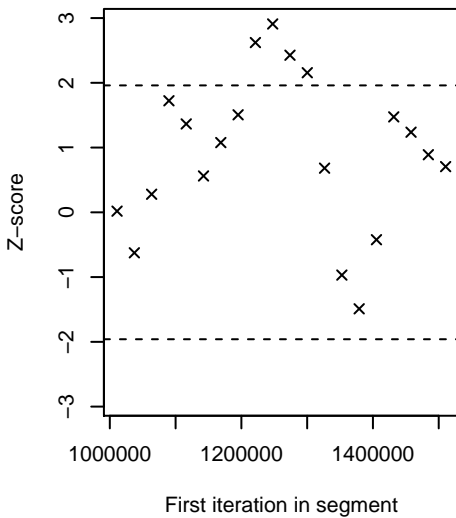
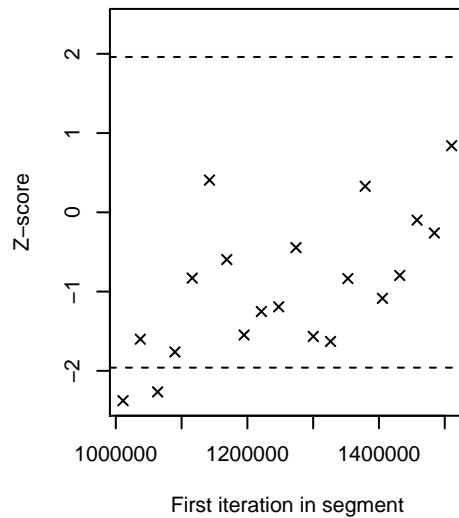
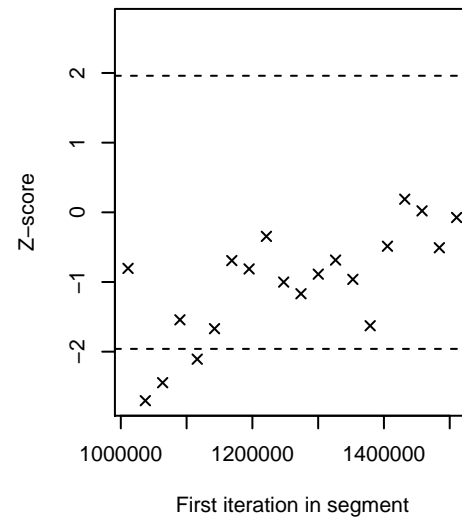
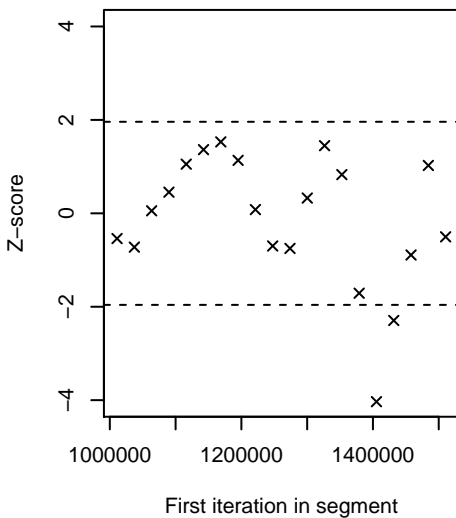
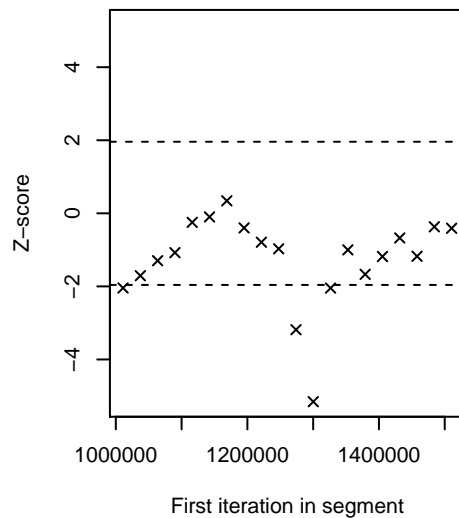
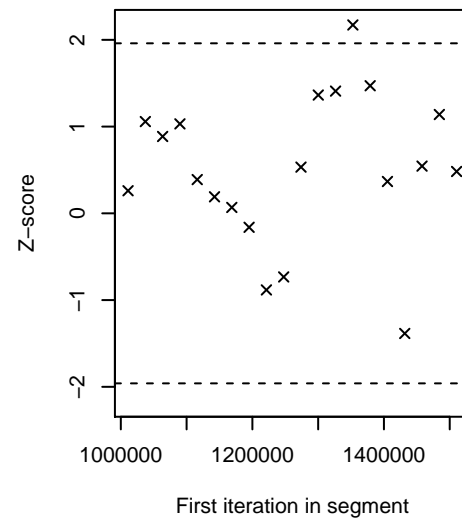
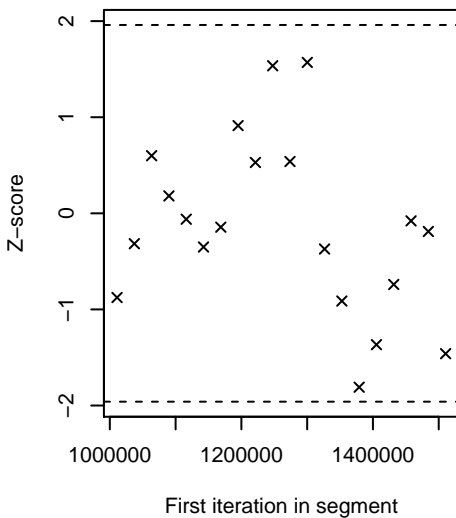
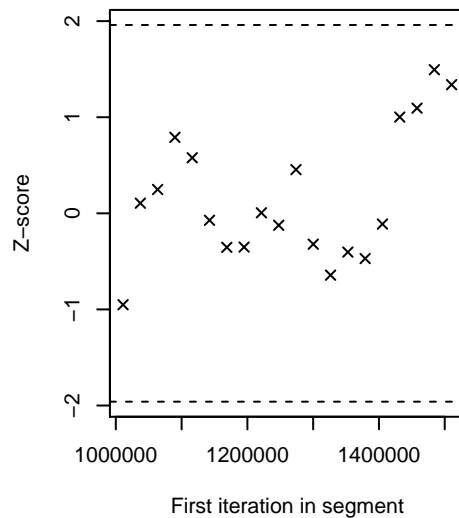
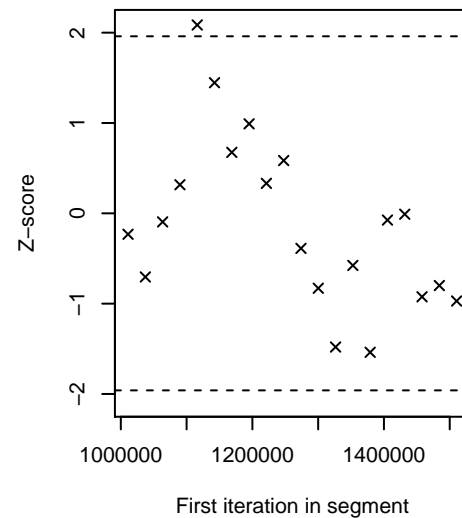
N.ya[34,3] (chain3)

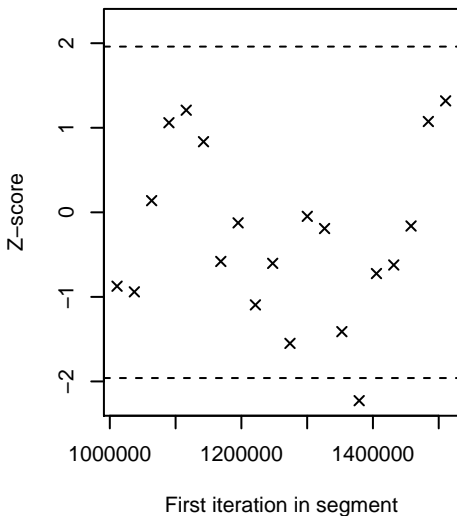
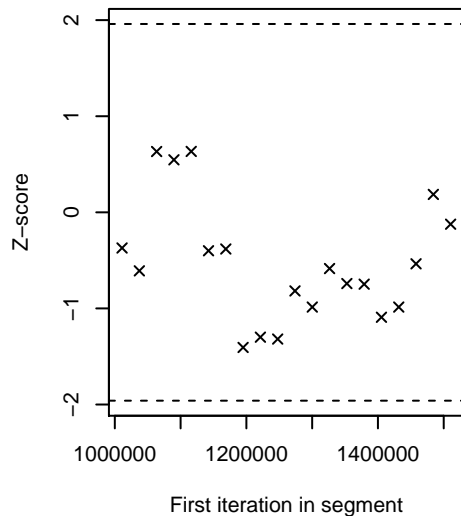
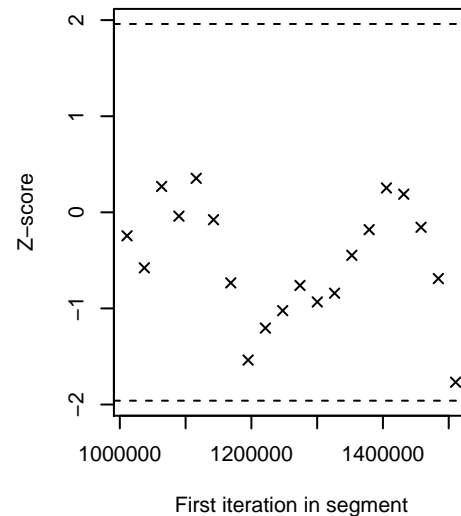
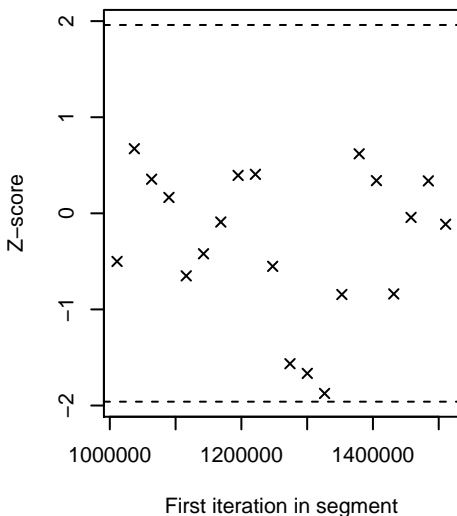
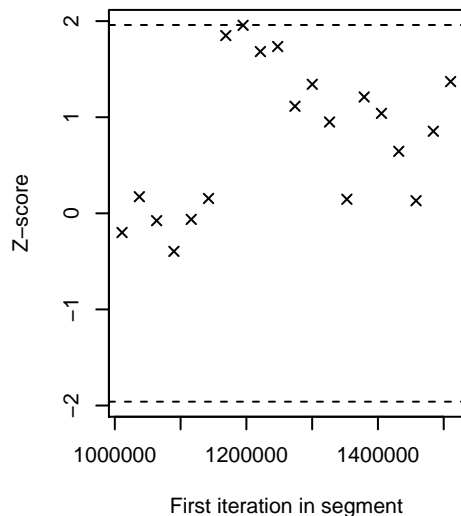
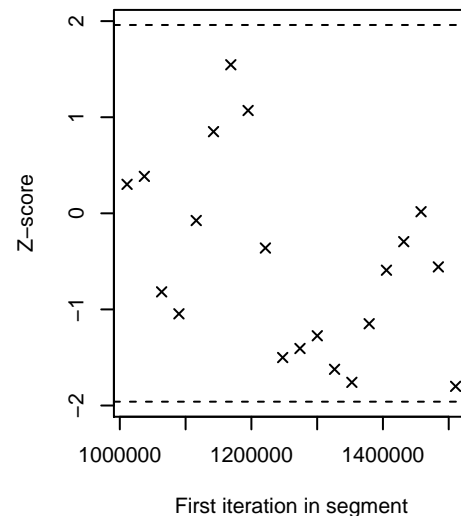
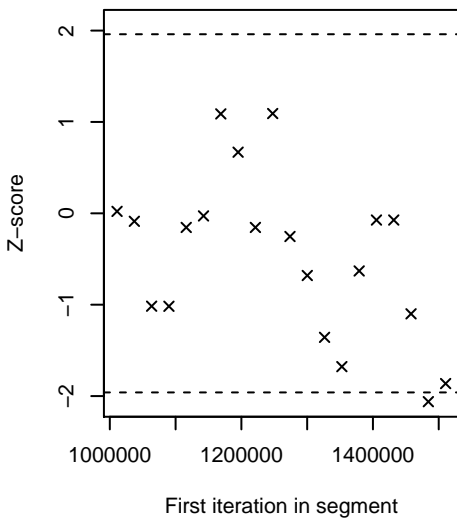
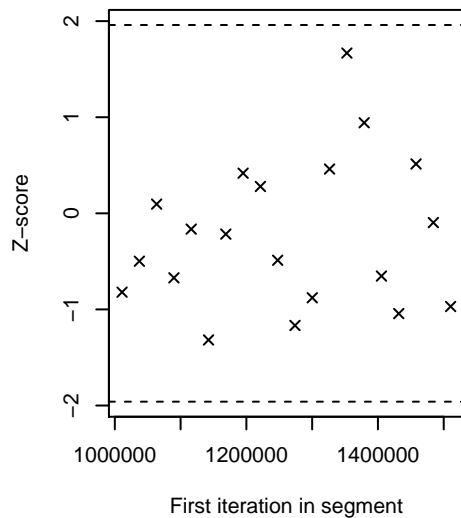
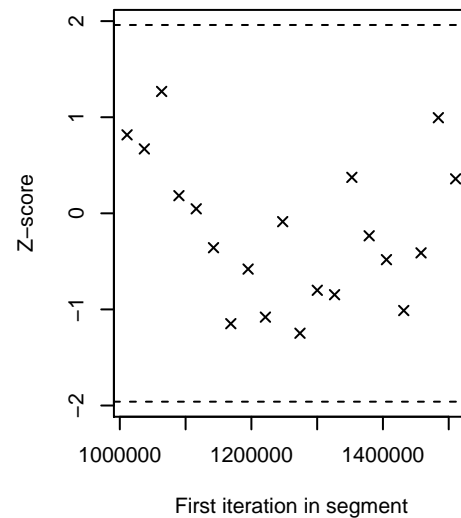


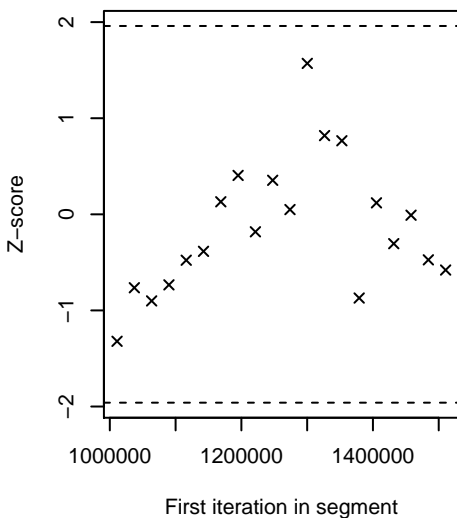
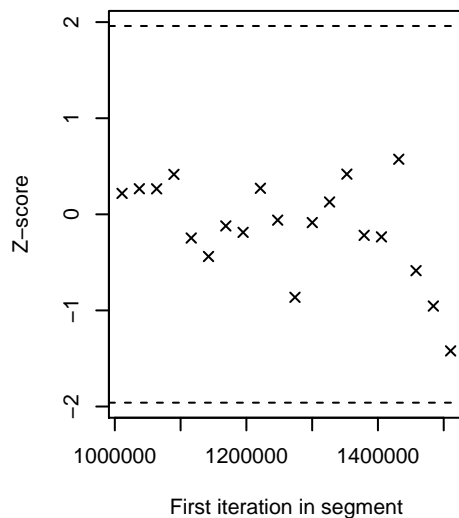
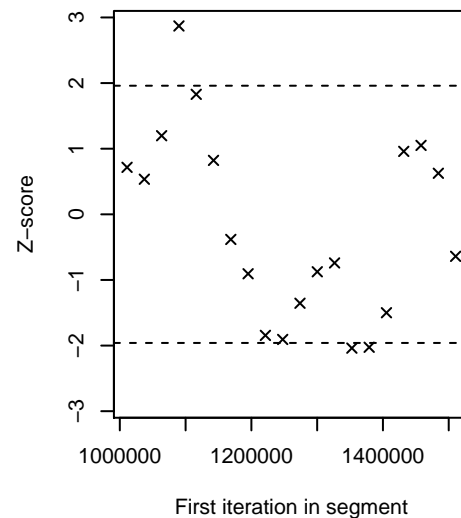
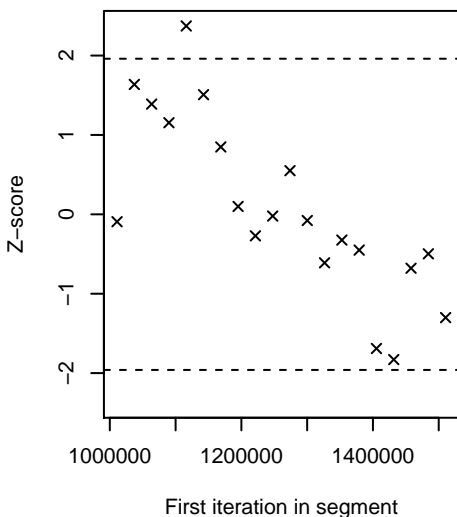
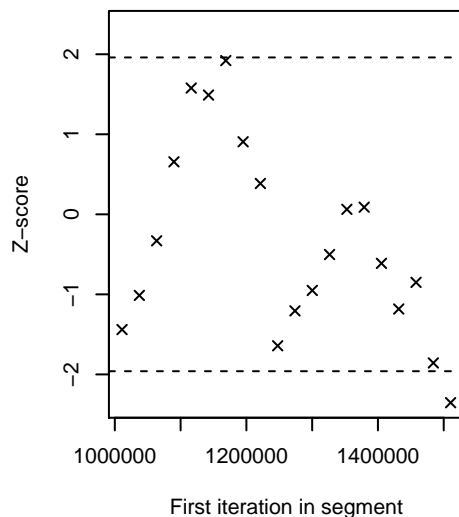
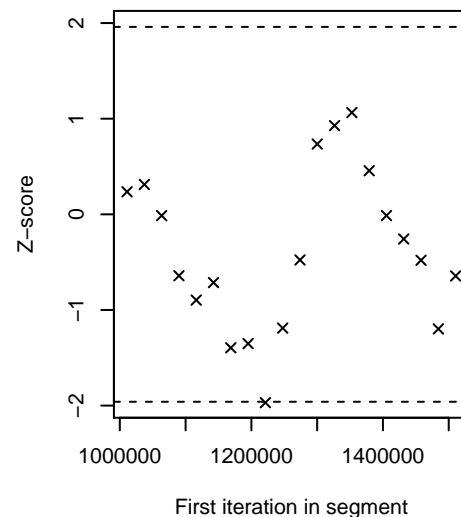
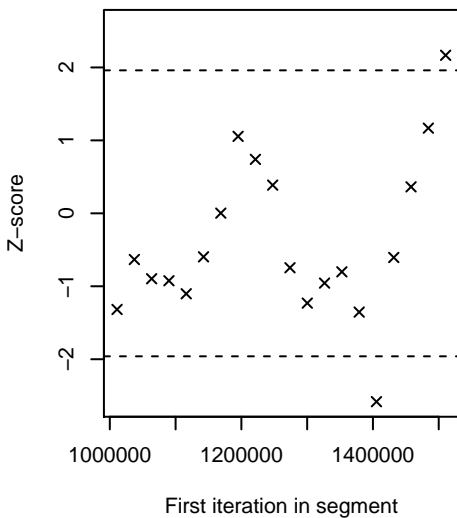
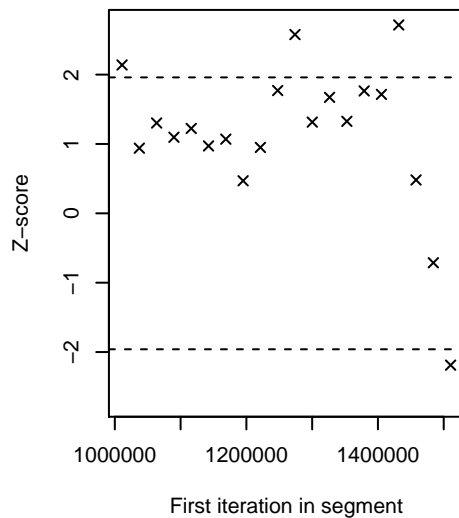
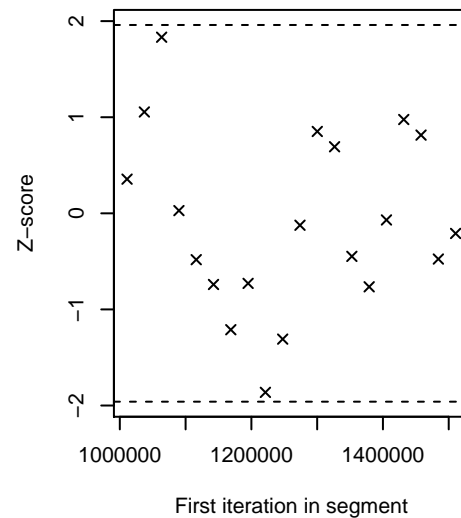
N.ya[35,3] (chain3)

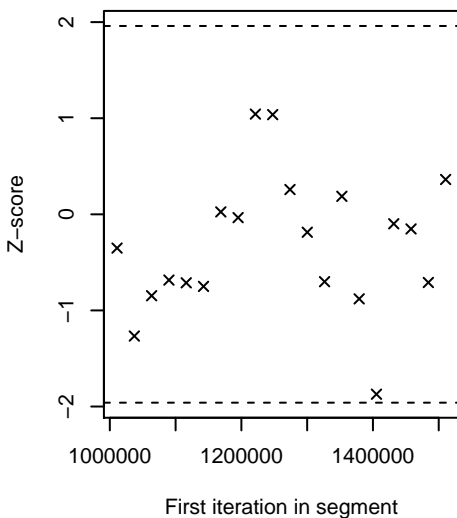
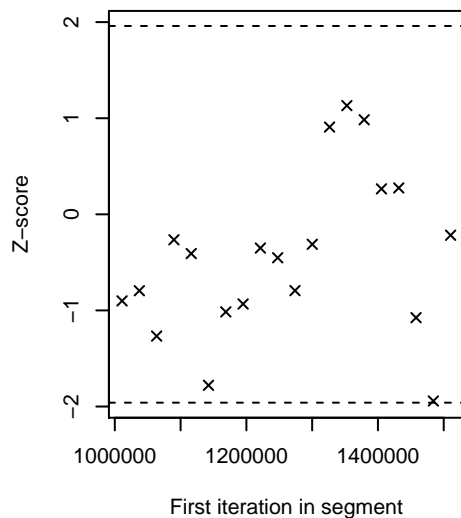
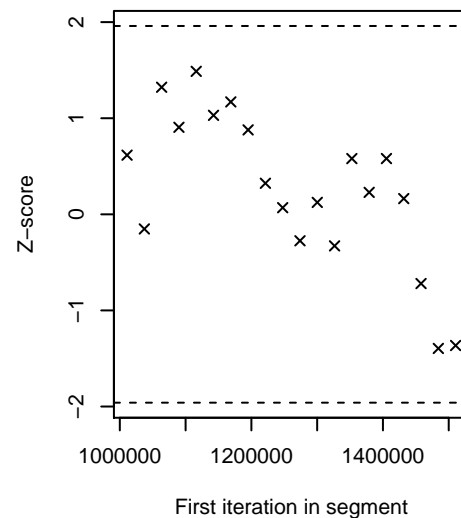
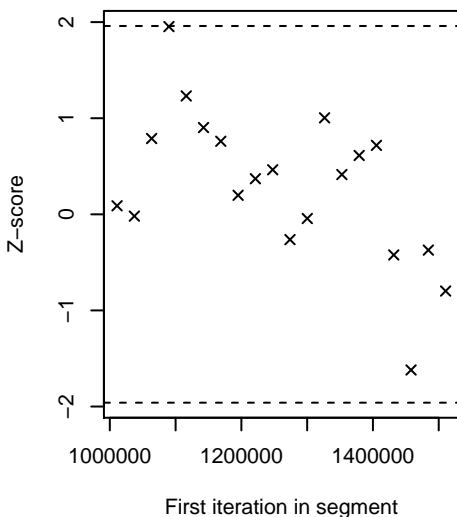
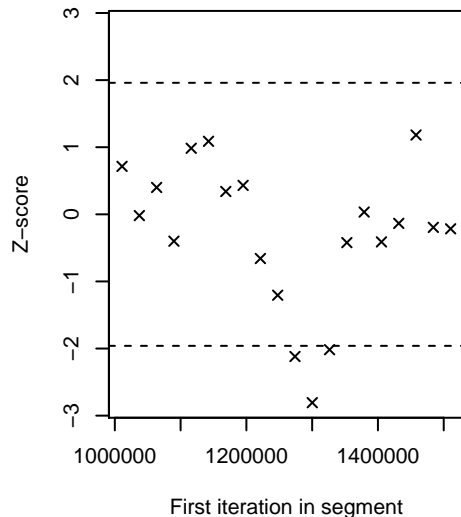
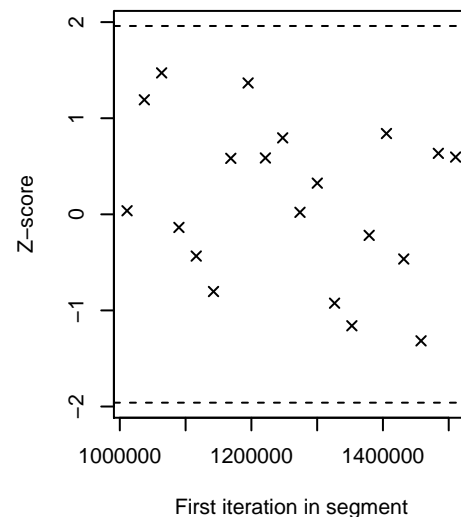
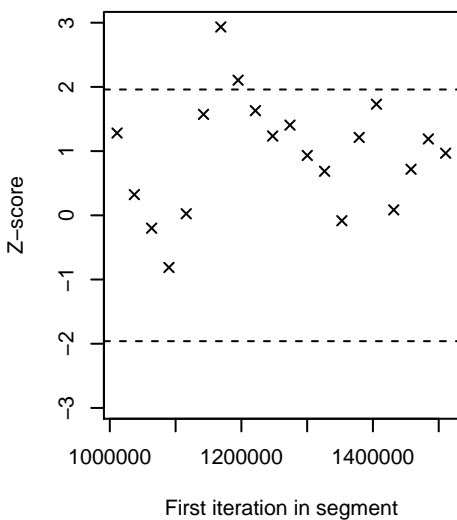
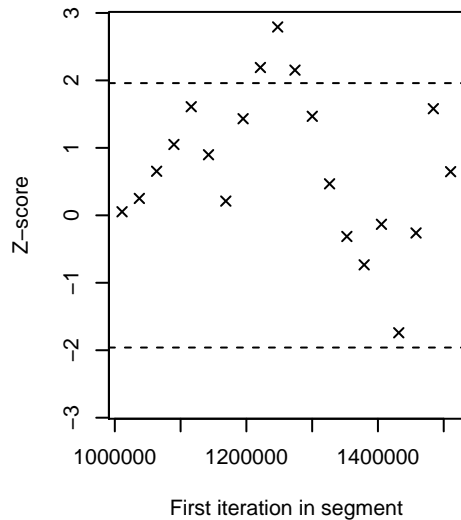
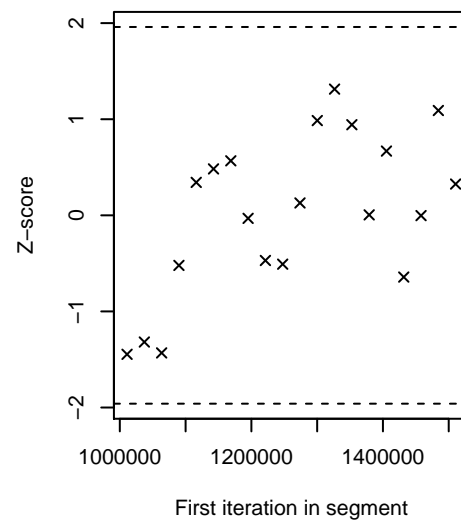


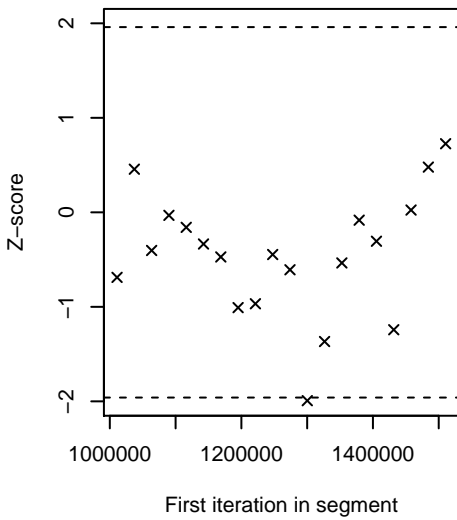
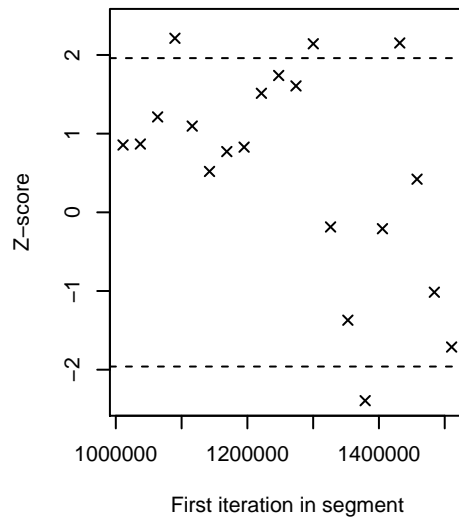
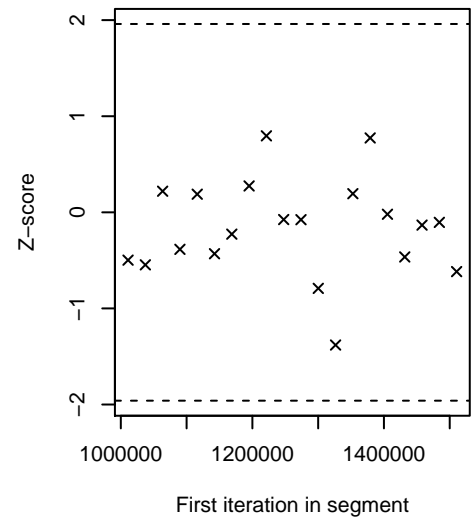
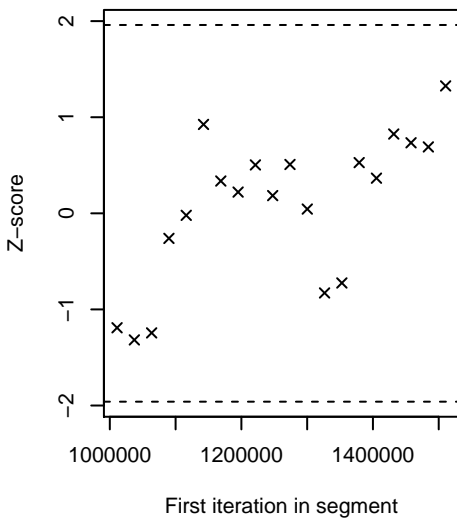
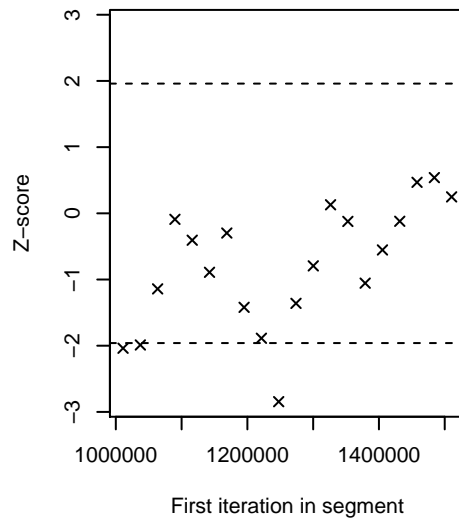
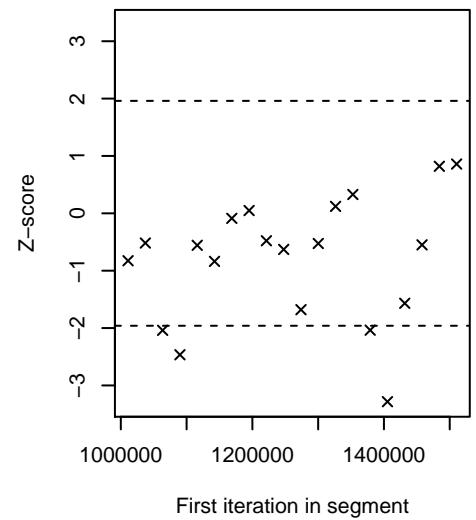
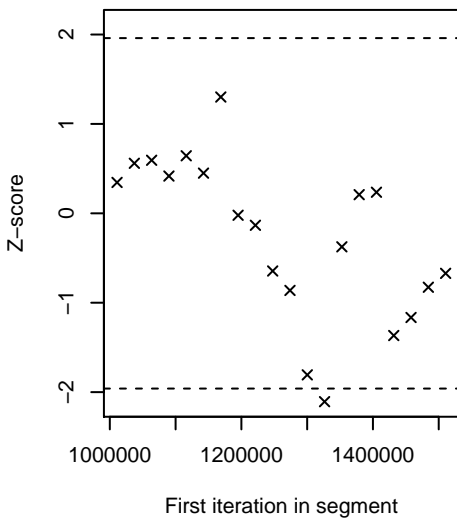
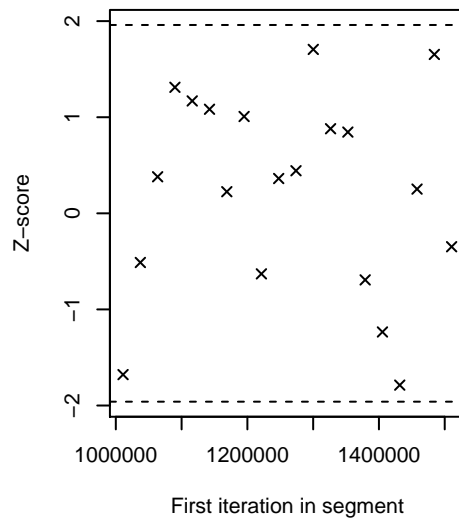
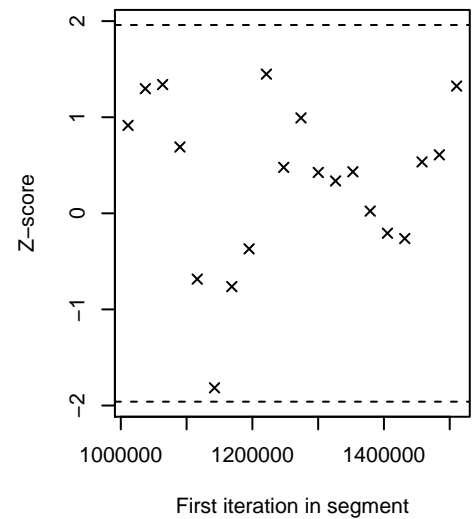
N.ya[36,3] (chain3)**N.ya[37,3] (chain3)****R[1] (chain3)****R[2] (chain3)****R[3] (chain3)****R[4] (chain3)****R[5] (chain3)****R[6] (chain3)****R[7] (chain3)**

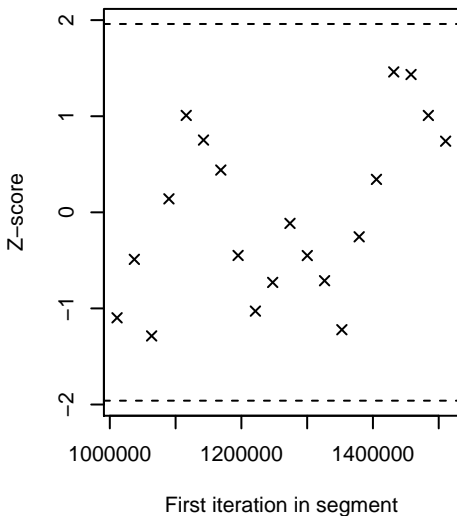
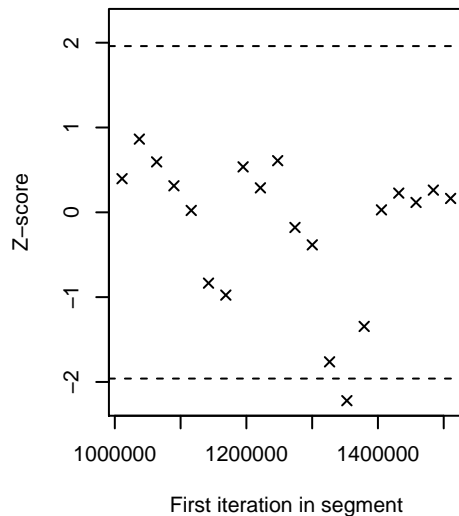
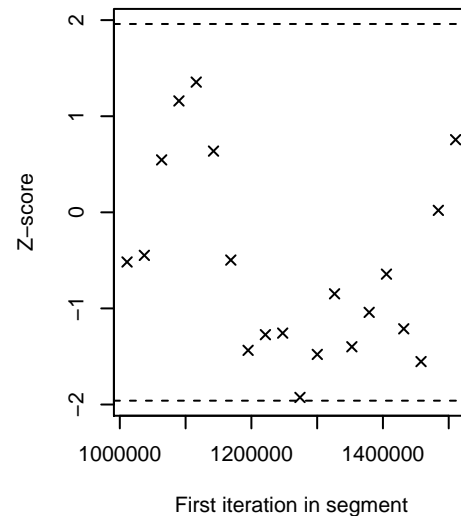
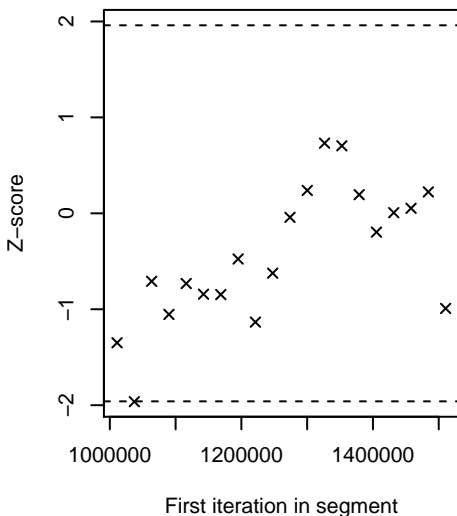
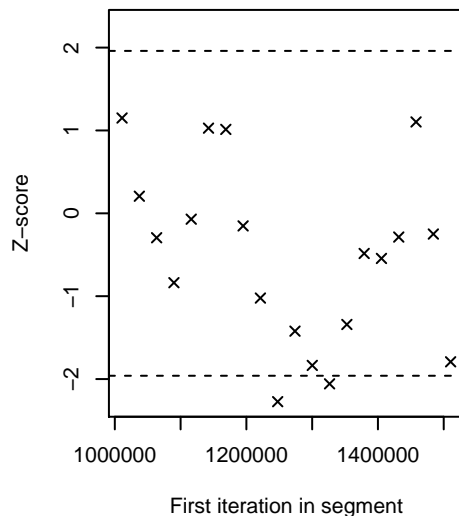
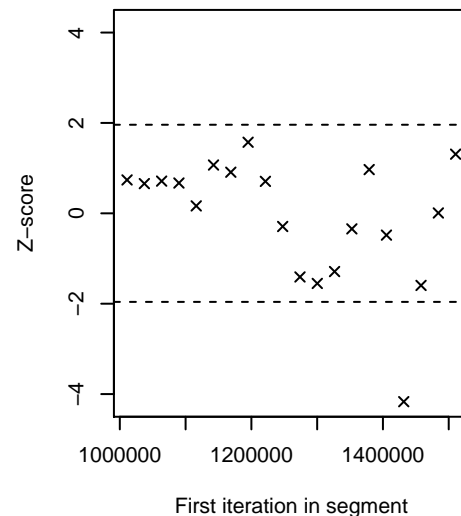
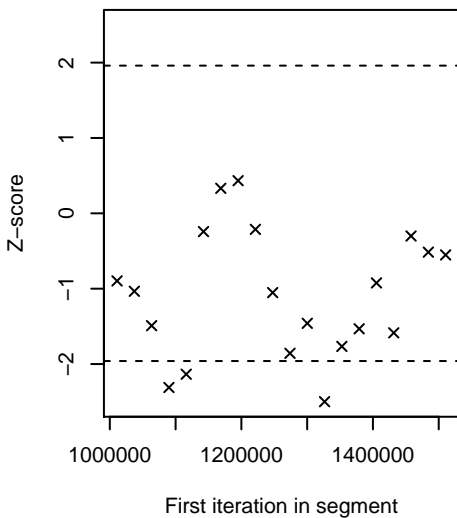
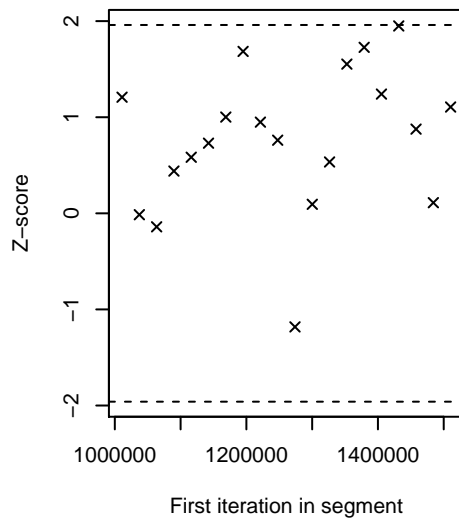
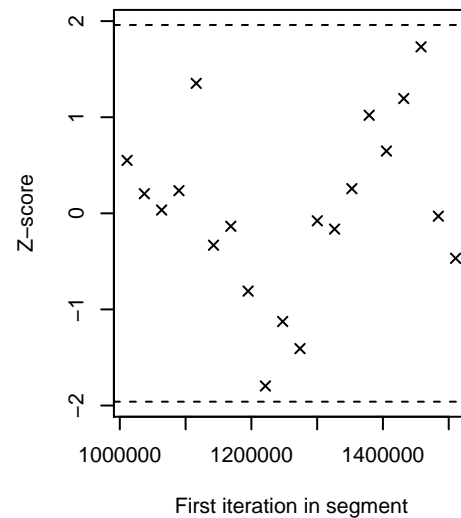
R[8] (chain3)**R[9] (chain3)****R[10] (chain3)****R[11] (chain3)****R[12] (chain3)****R[13] (chain3)****R[14] (chain3)****R[15] (chain3)****R[16] (chain3)**

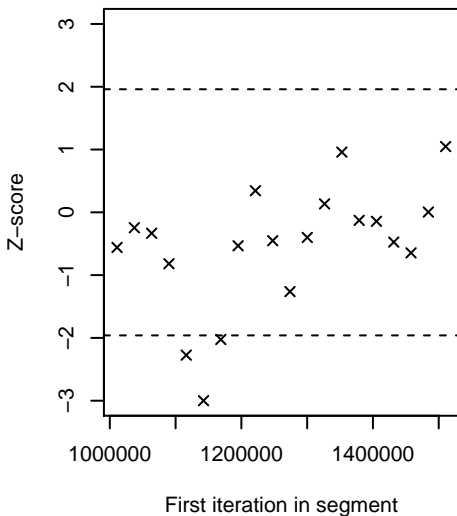
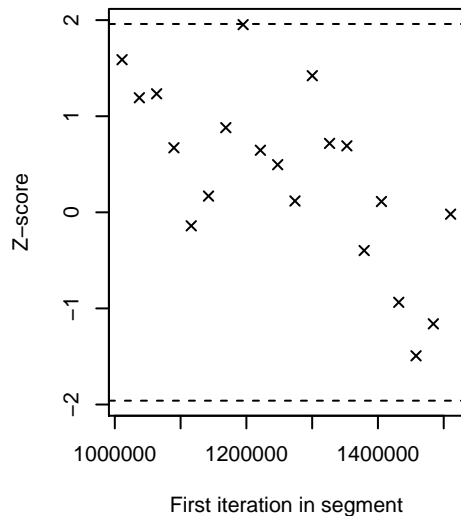
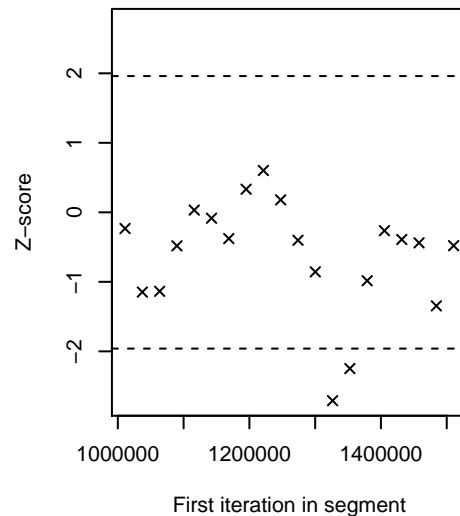
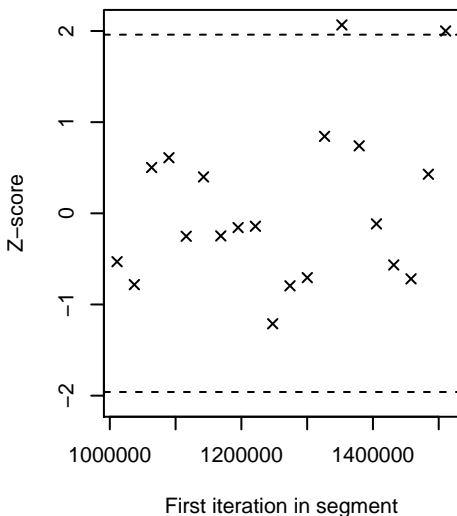
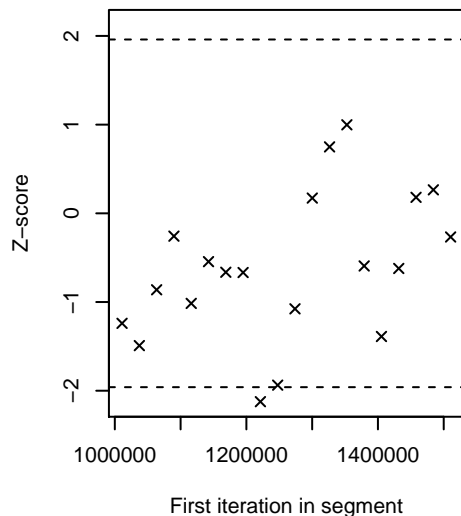
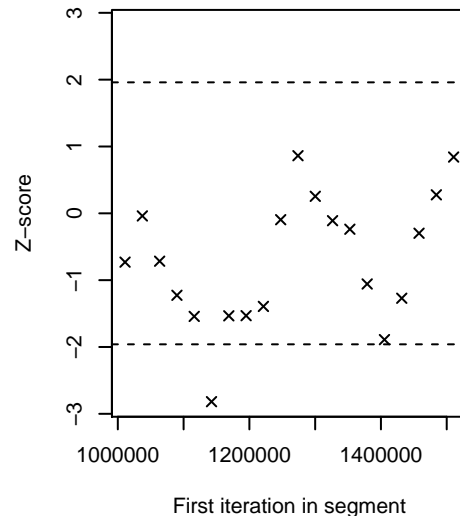
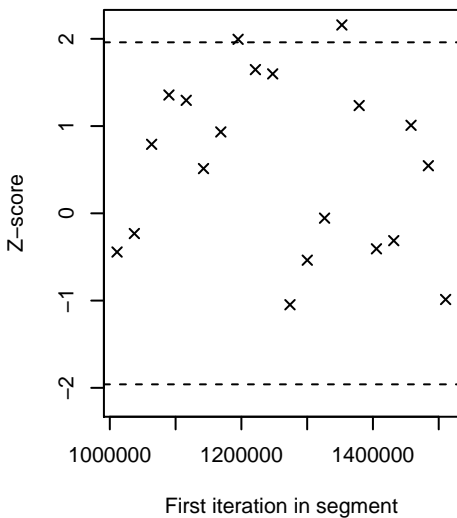
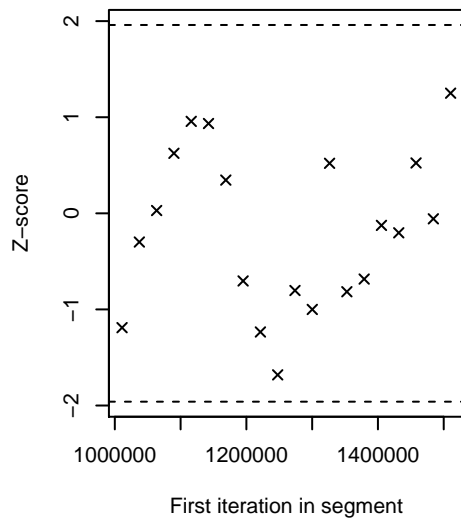
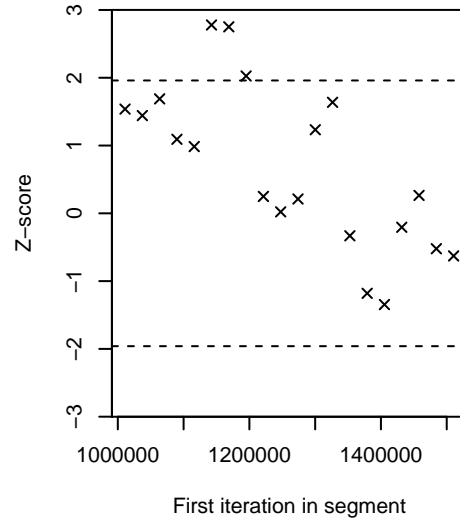
R[17] (chain3)**R[18] (chain3)****R[19] (chain3)****R[20] (chain3)****R[21] (chain3)****R[22] (chain3)****R[23] (chain3)****R[24] (chain3)****R[25] (chain3)**

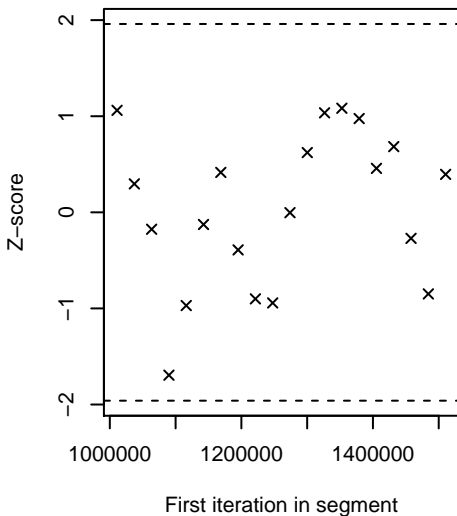
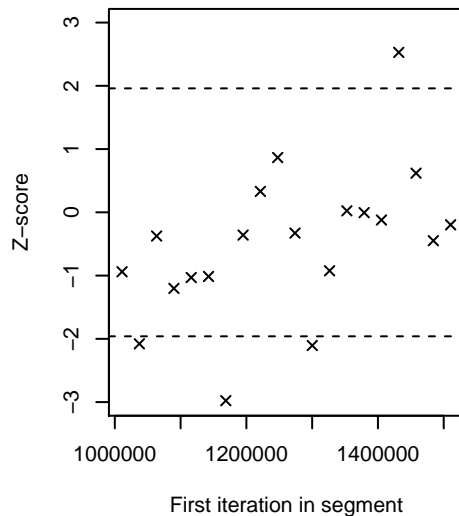
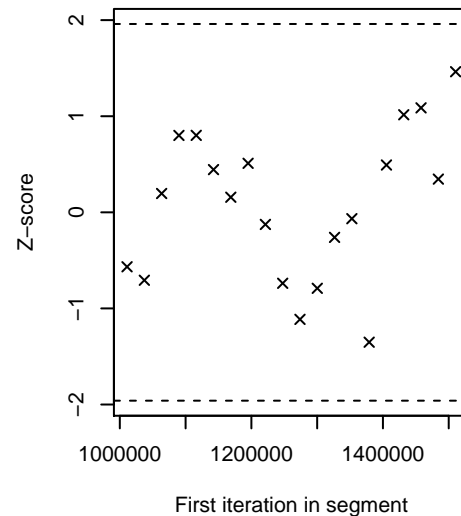
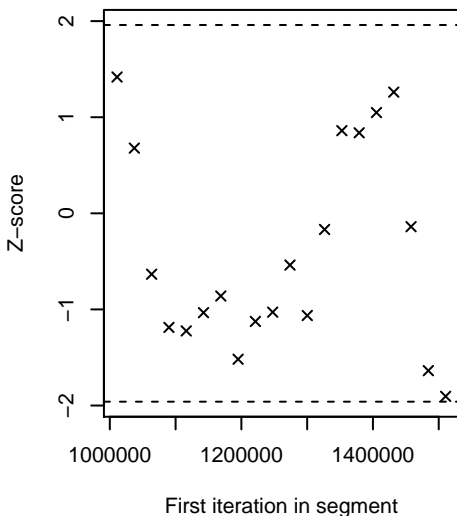
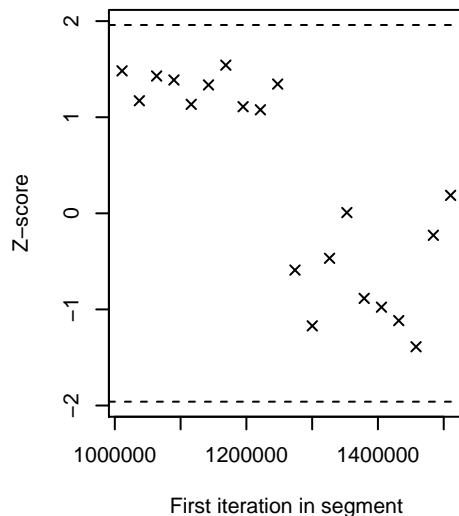
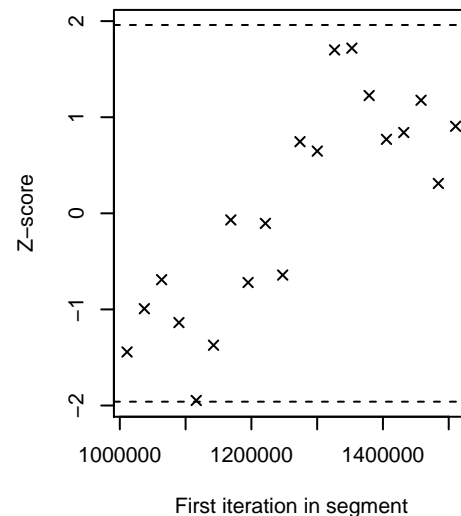
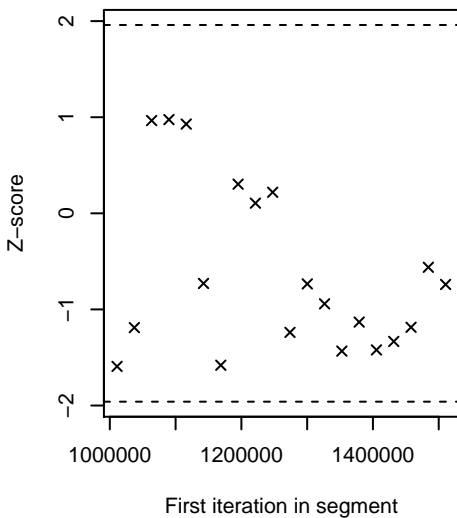
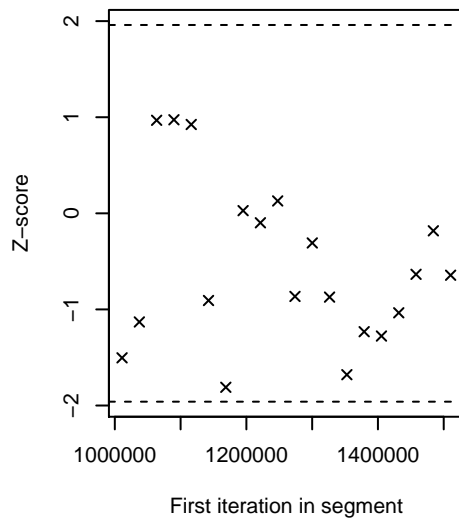
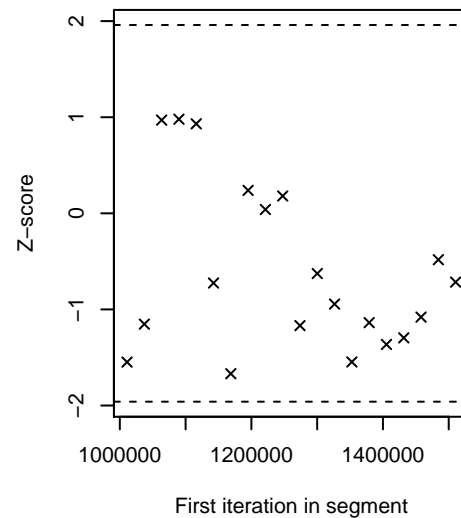
R[26] (chain3)**R[27] (chain3)****R[28] (chain3)****R[29] (chain3)****R[30] (chain3)****R[31] (chain3)****R[32] (chain3)****R[33] (chain3)****R[34] (chain3)**

R[35] (chain3)**R[36] (chain3)****R[37] (chain3)****R[38] (chain3)****R[39] (chain3)****S[1] (chain3)****S[2] (chain3)****S[3] (chain3)****S[4] (chain3)**

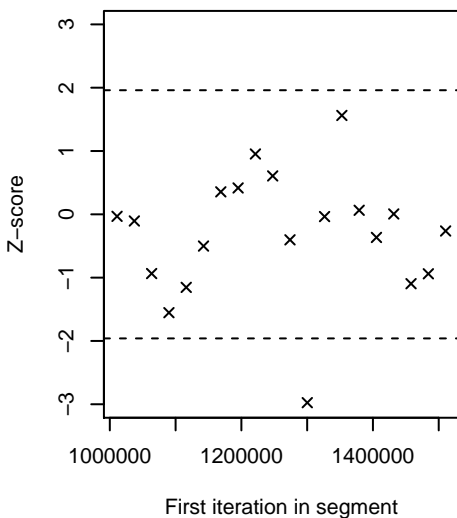
S[5] (chain3)**S[6] (chain3)****S[7] (chain3)****S[8] (chain3)****S[9] (chain3)****S[10] (chain3)****S[11] (chain3)****S[12] (chain3)****S[13] (chain3)**

S[14] (chain3)**S[15] (chain3)****S[16] (chain3)****S[17] (chain3)****S[18] (chain3)****S[19] (chain3)****S[20] (chain3)****S[21] (chain3)****S[22] (chain3)**

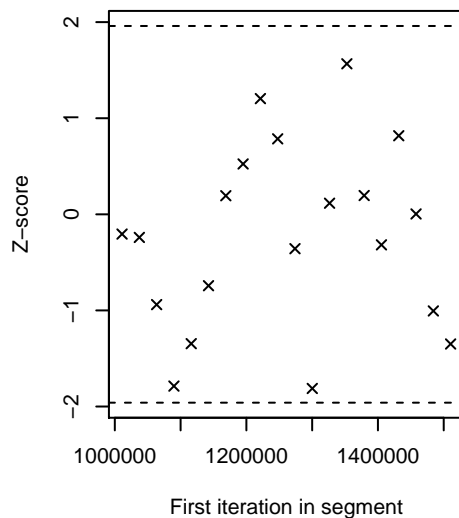
S[23] (chain3)**S[24] (chain3)****S[25] (chain3)****S[26] (chain3)****S[27] (chain3)****S[28] (chain3)****S[29] (chain3)****S[30] (chain3)****S[31] (chain3)**

S[32] (chain3)**S[33] (chain3)****S[34] (chain3)****S[35] (chain3)****S[36] (chain3)****S[37] (chain3)****S.eq.c (chain3)****S.max (chain3)****S.msy.c (chain3)**

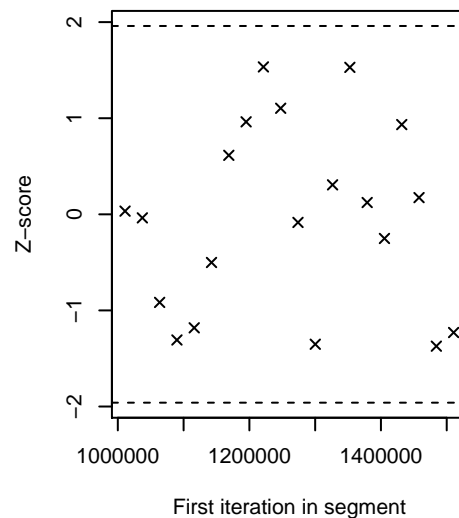
U.msy.c (chain3)



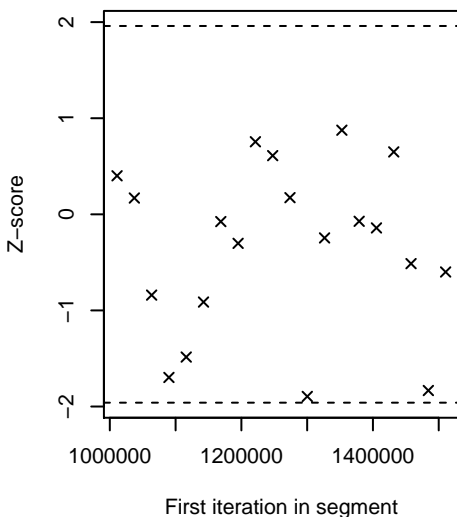
alpha (chain3)



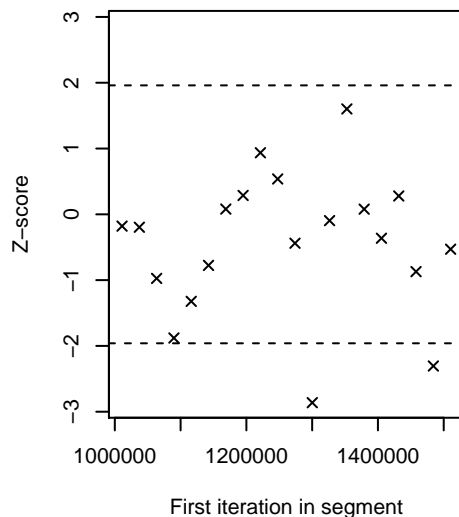
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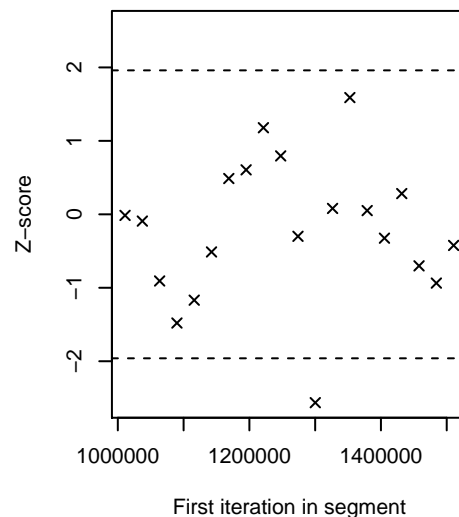
beta (chain3)



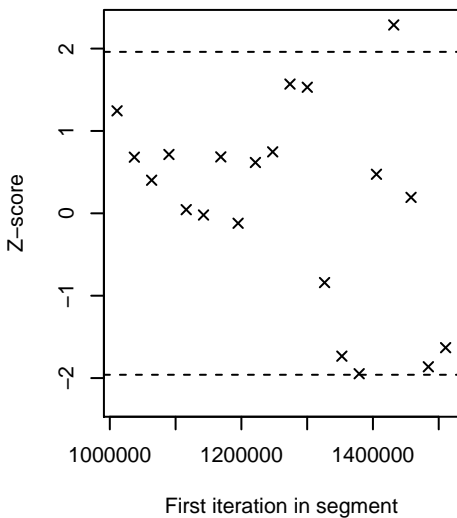
Inalpha (chain3)



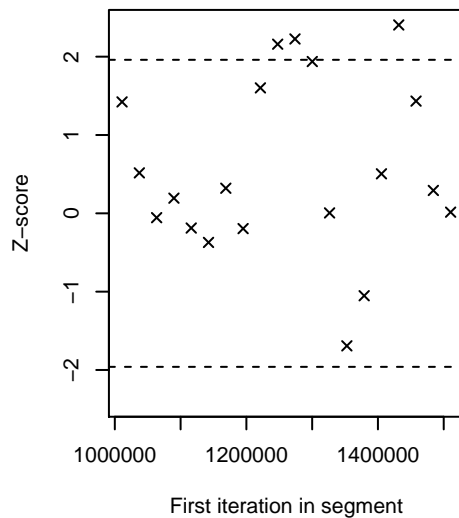
Inalpha.c (chain3)



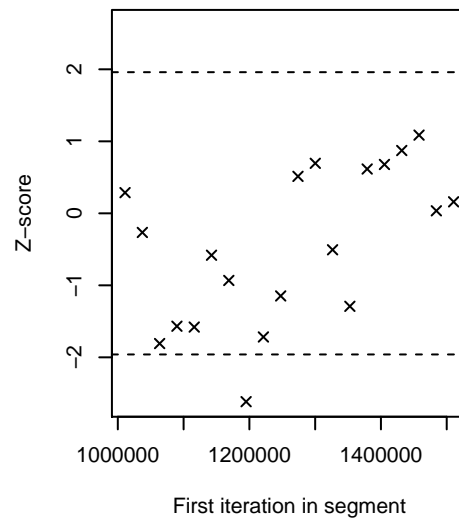
log.resid[7] (chain3)



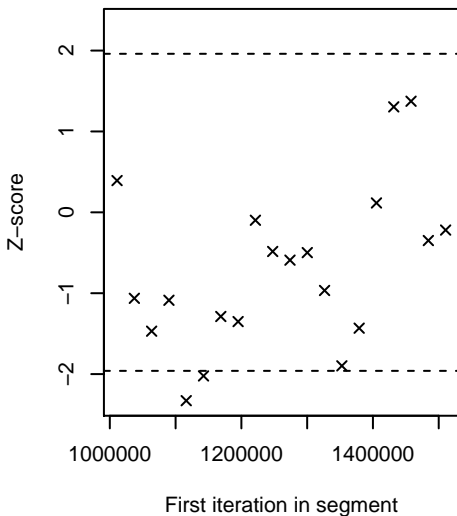
log.resid[8] (chain3)



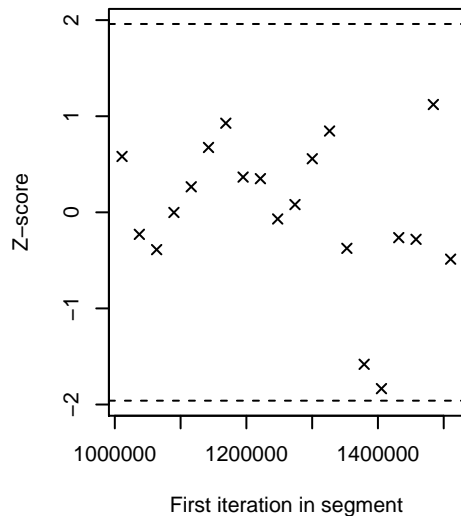
log.resid[9] (chain3)



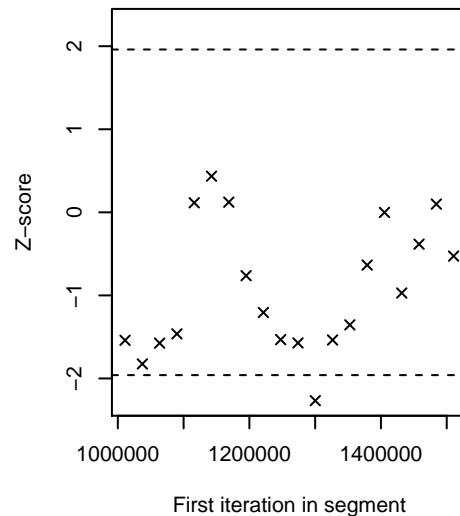
log.resid[10] (chain3)



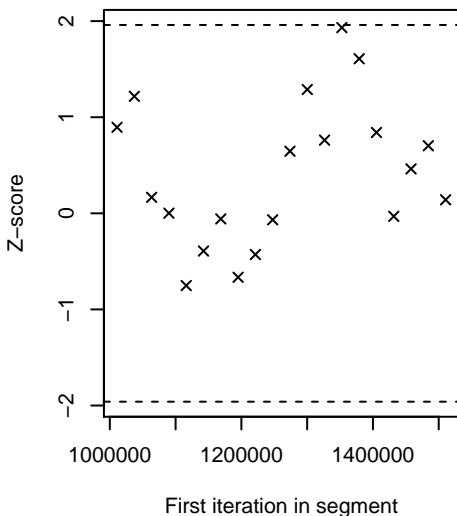
log.resid[11] (chain3)



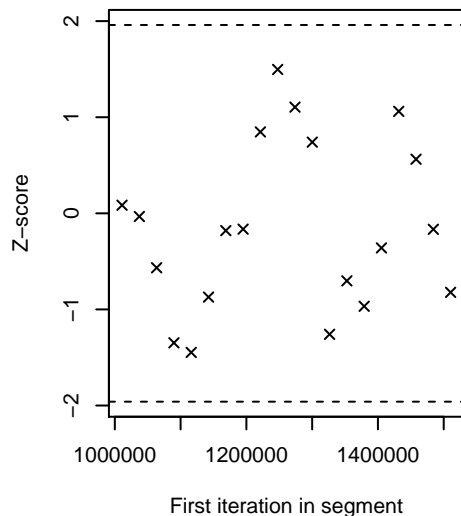
log.resid[12] (chain3)



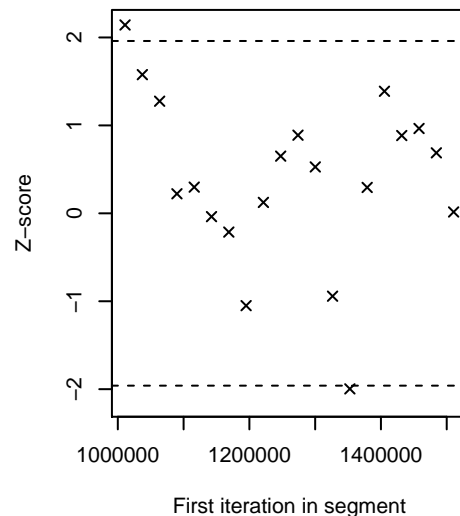
log.resid[13] (chain3)



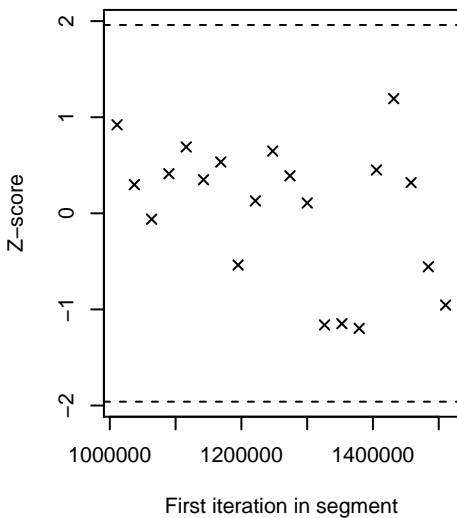
log.resid[14] (chain3)



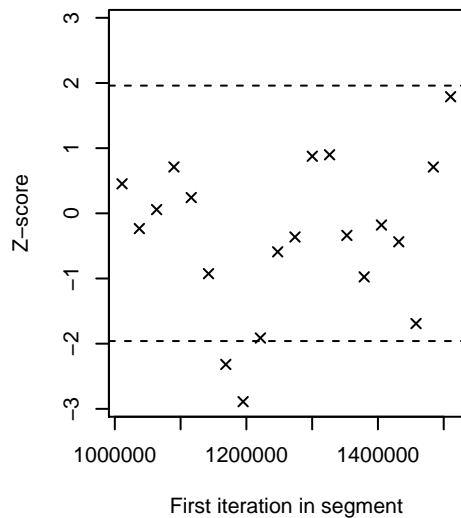
log.resid[15] (chain3)



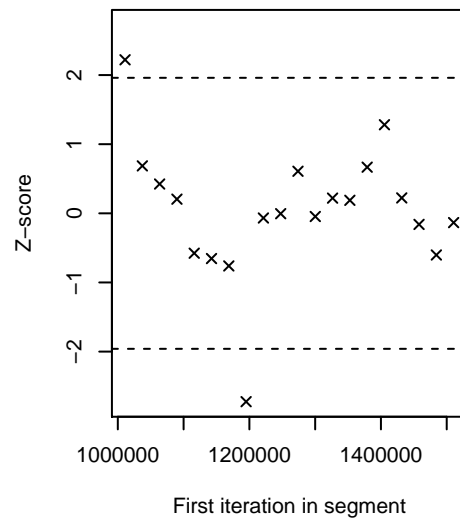
log.resid[16] (chain3)



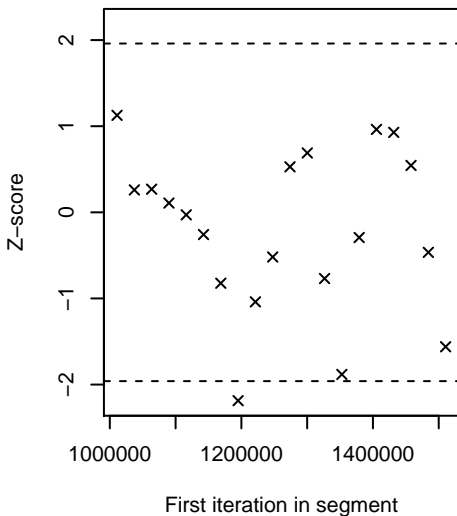
log.resid[17] (chain3)



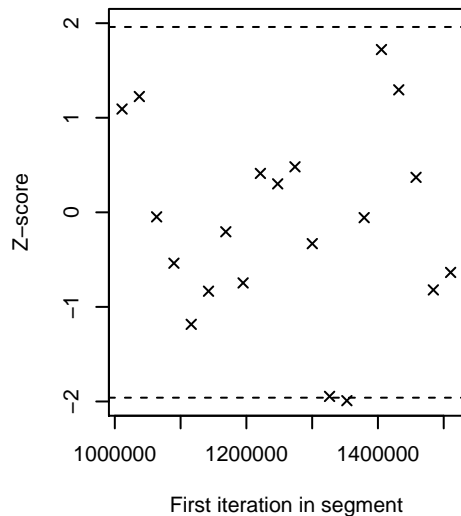
log.resid[18] (chain3)



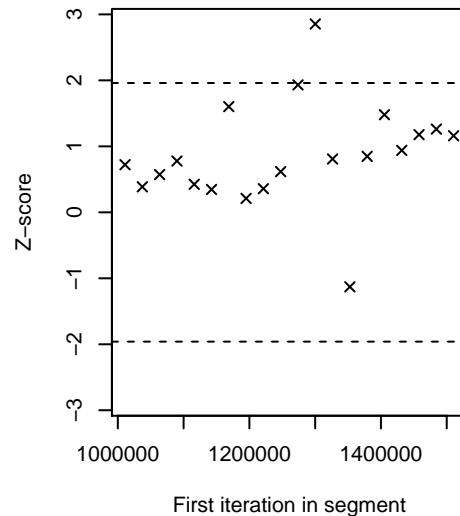
log.resid[19] (chain3)



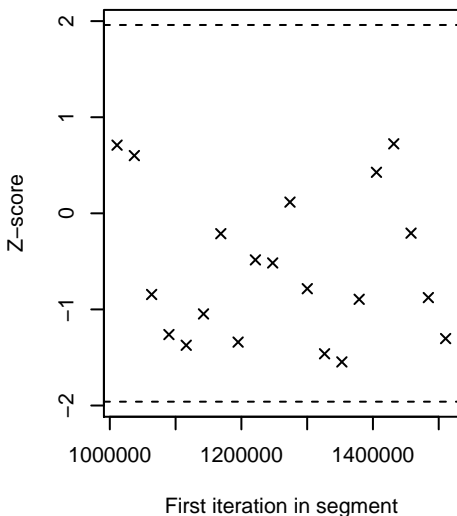
log.resid[20] (chain3)



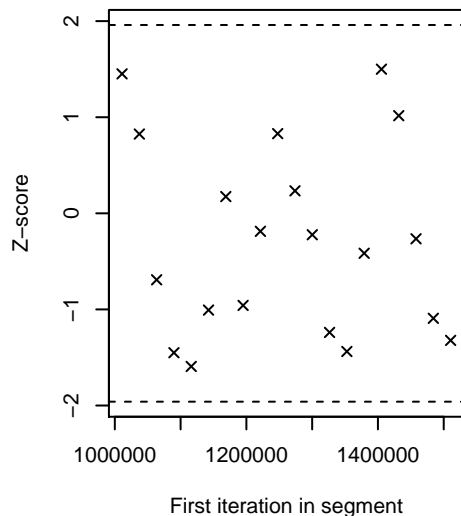
log.resid[21] (chain3)



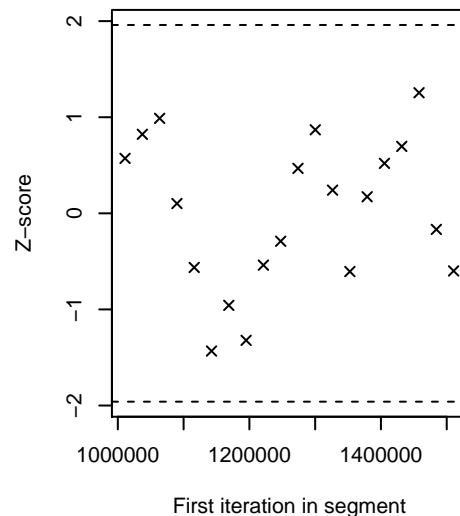
log.resid[22] (chain3)



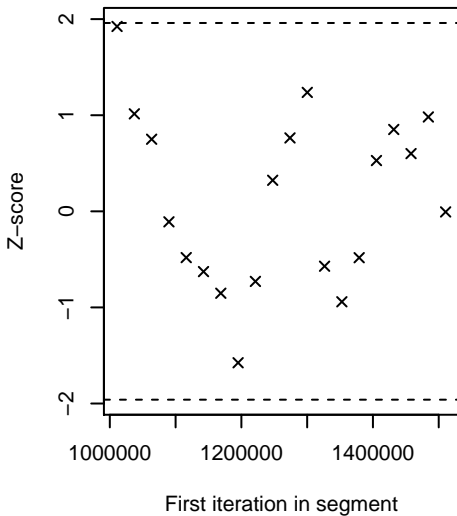
log.resid[23] (chain3)



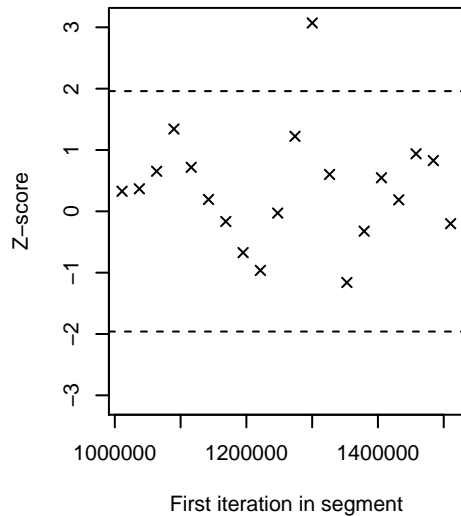
log.resid[24] (chain3)



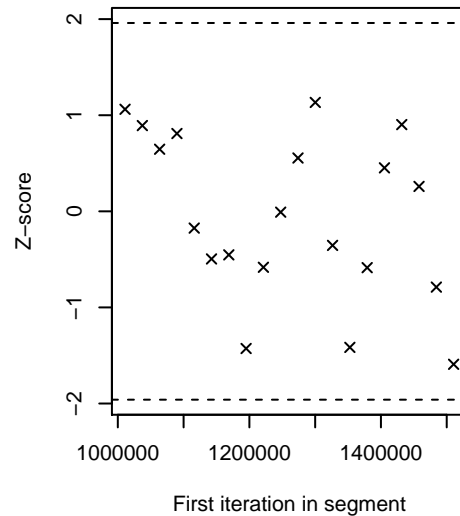
log.resid[25] (chain3)



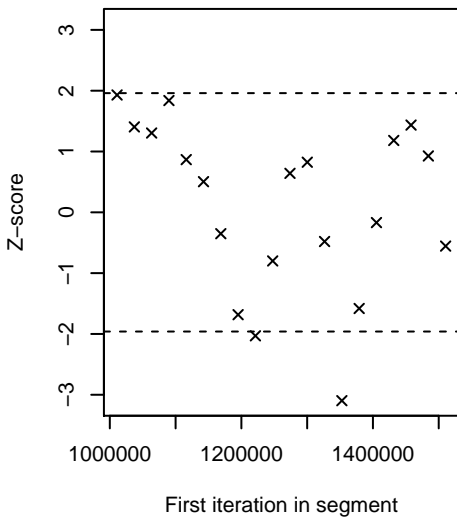
log.resid[26] (chain3)



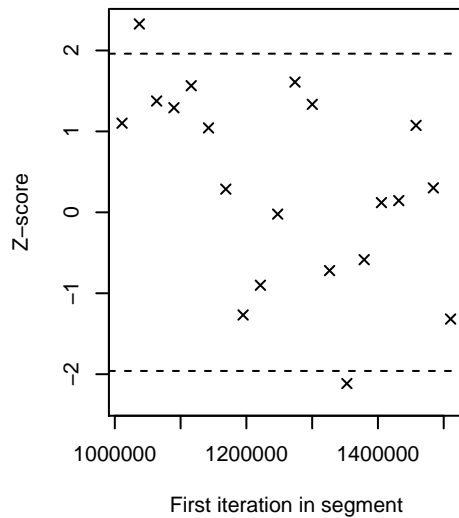
log.resid[27] (chain3)



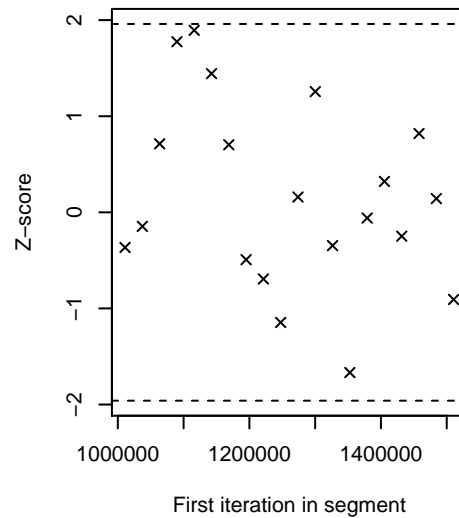
log.resid[28] (chain3)



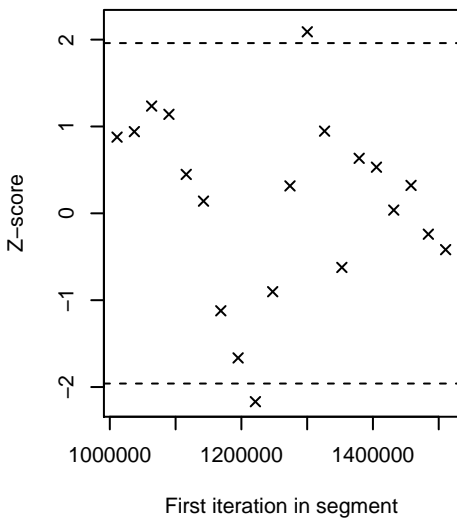
log.resid[29] (chain3)



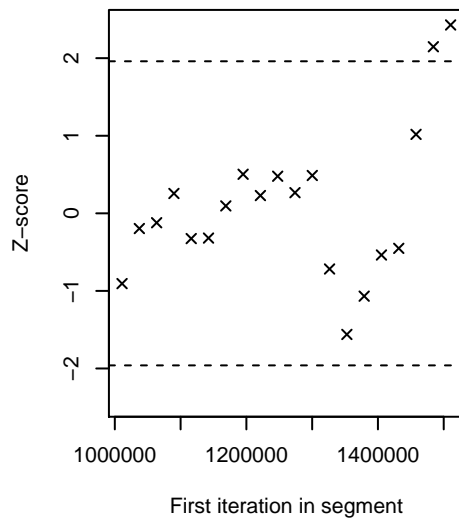
log.resid[30] (chain3)



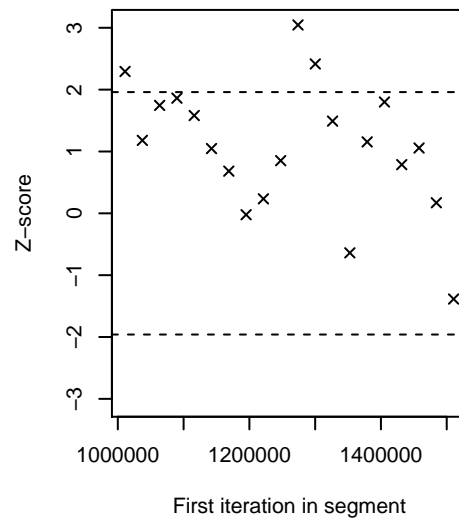
log.resid[31] (chain3)



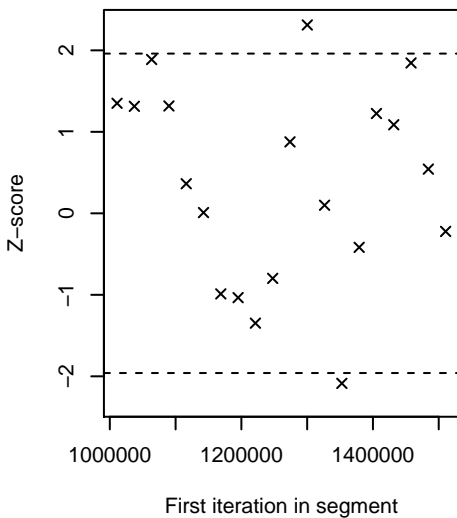
log.resid[32] (chain3)



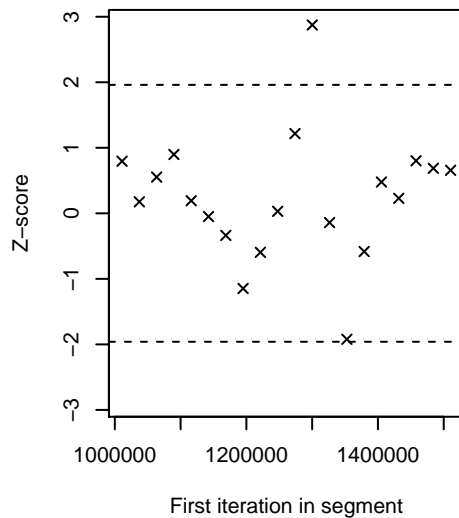
log.resid[33] (chain3)



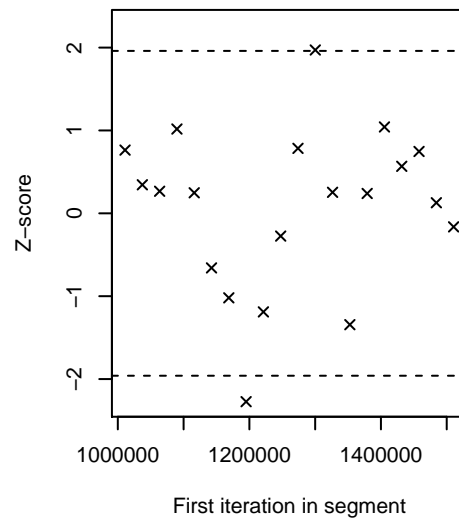
log.resid[34] (chain3)



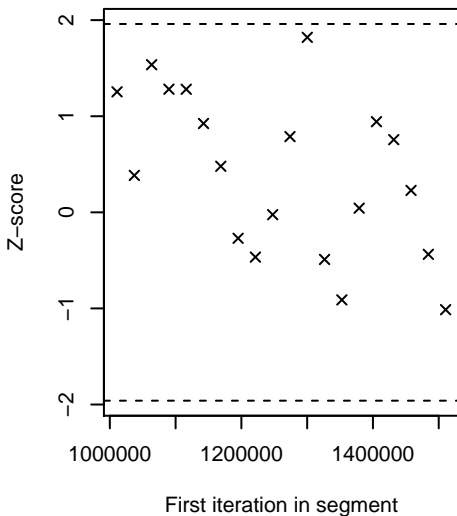
log.resid[35] (chain3)



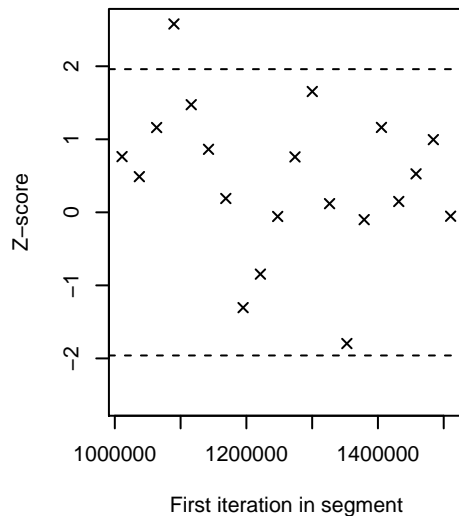
log.resid[36] (chain3)



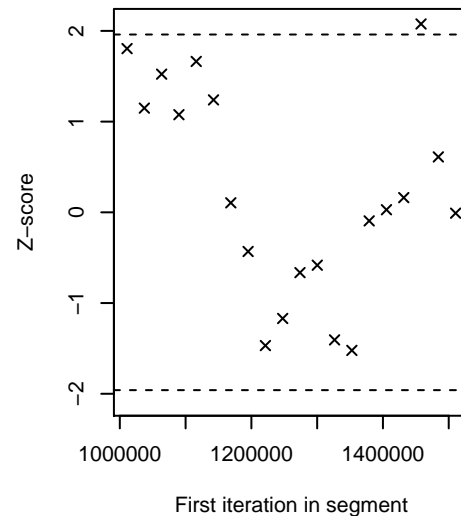
log.resid[37] (chain3)



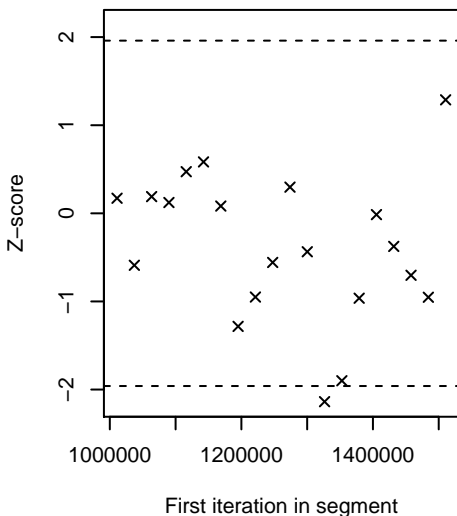
log.resid[38] (chain3)



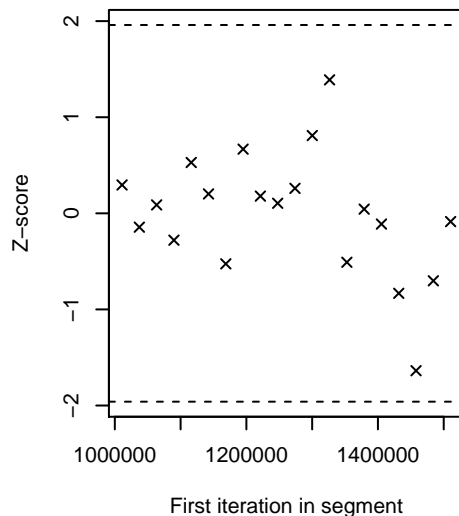
log.resid[39] (chain3)



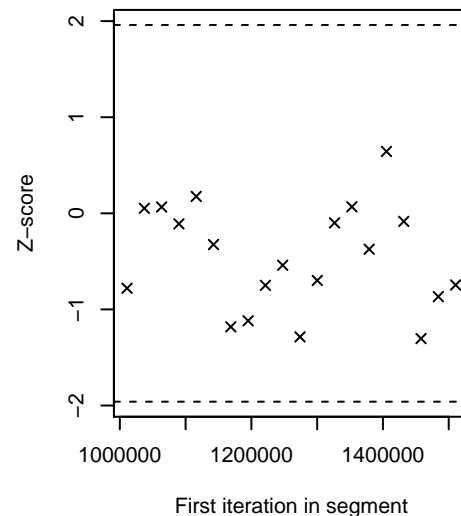
log.resid.0 (chain3)



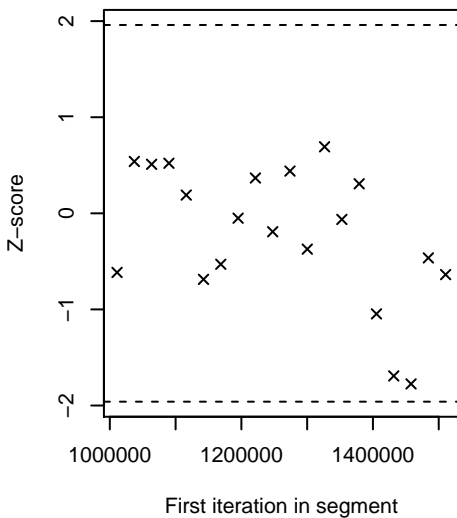
mean.log.R0 (chain3)



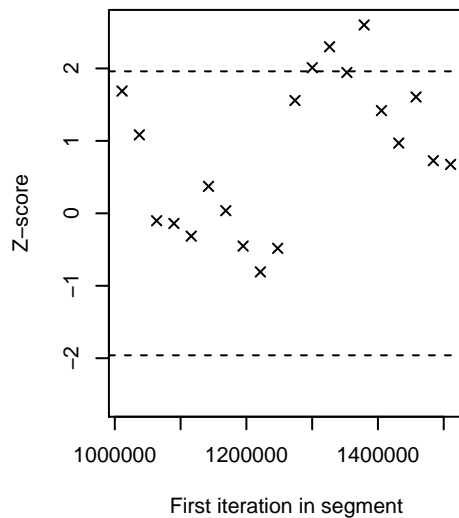
mu.HB[1] (chain3)



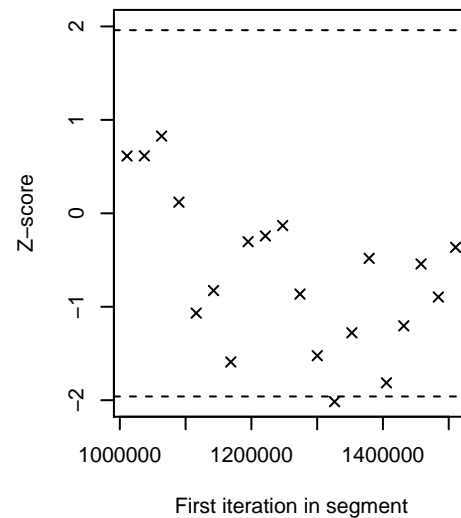
mu.HB[2] (chain3)



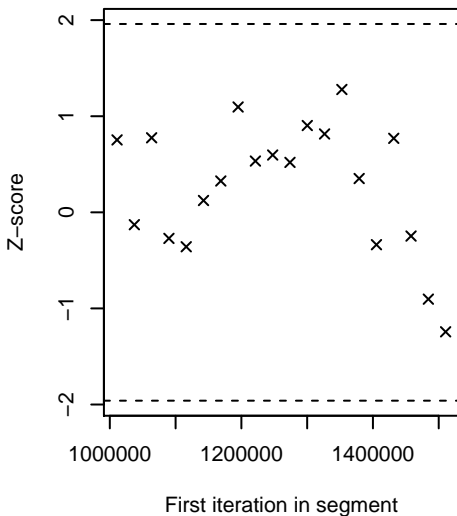
mu.HB[3] (chain3)



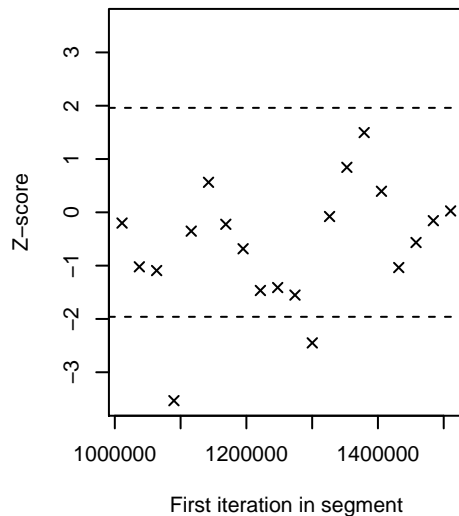
mu.HB[4] (chain3)



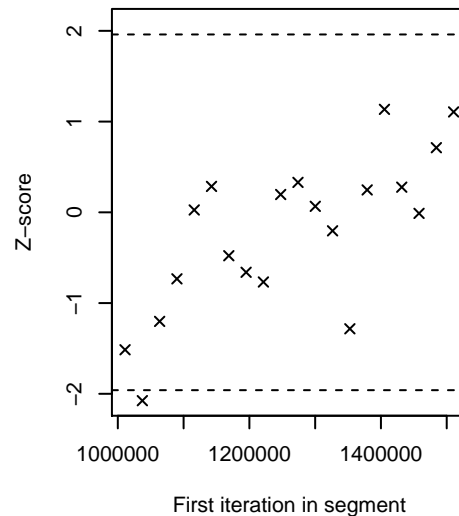
mu.HB[5] (chain3)



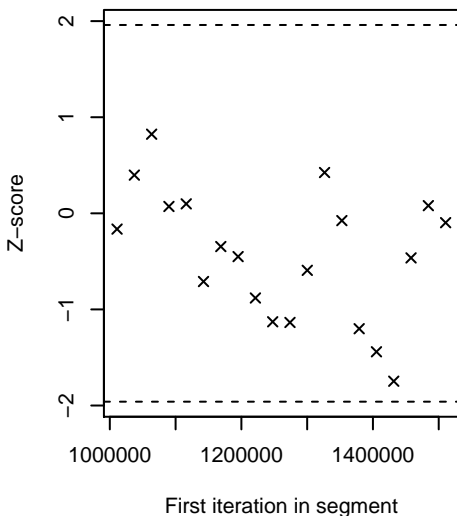
mu.HB[6] (chain3)



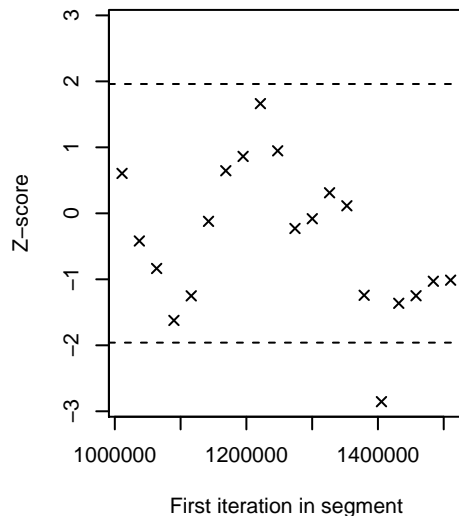
mu.HB[7] (chain3)



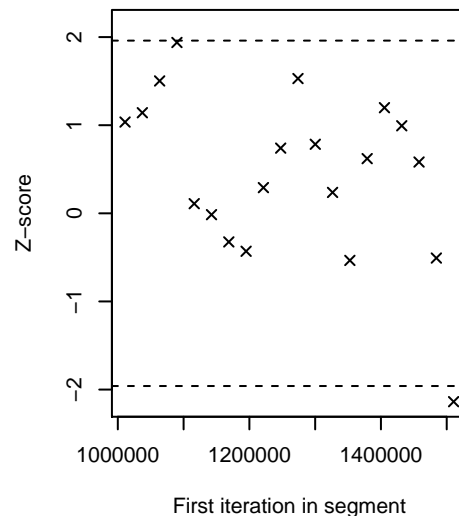
mu.HB[8] (chain3)



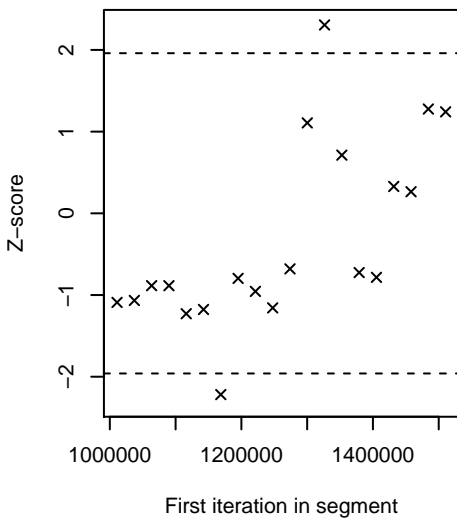
mu.HB[9] (chain3)



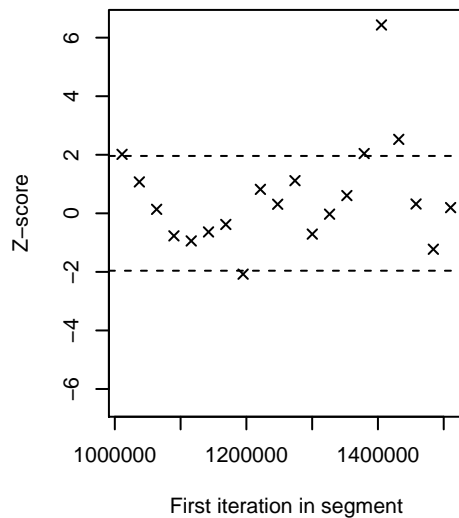
mu.HB[10] (chain3)



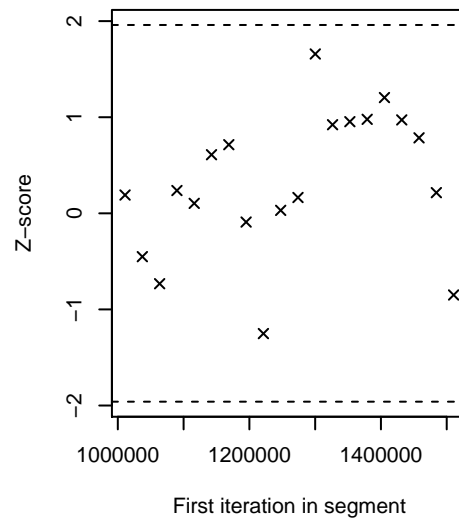
mu.HB[11] (chain3)



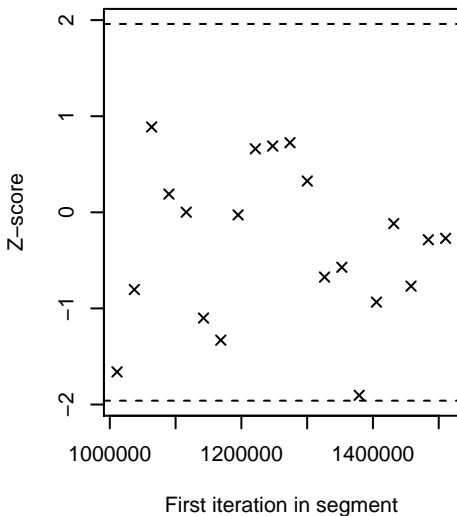
mu.HB[12] (chain3)



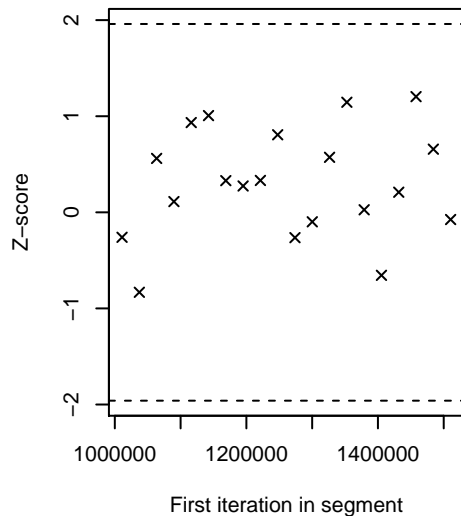
mu.HB[13] (chain3)



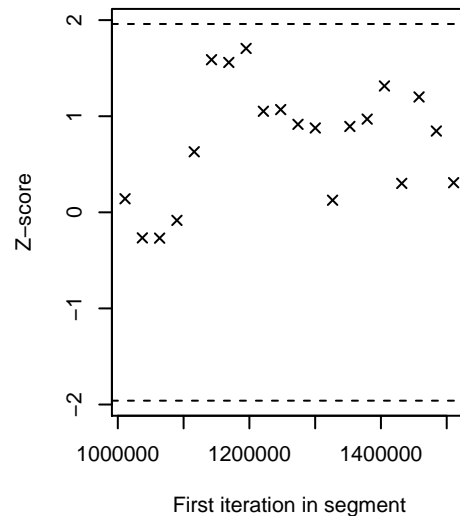
mu.HB[14] (chain3)



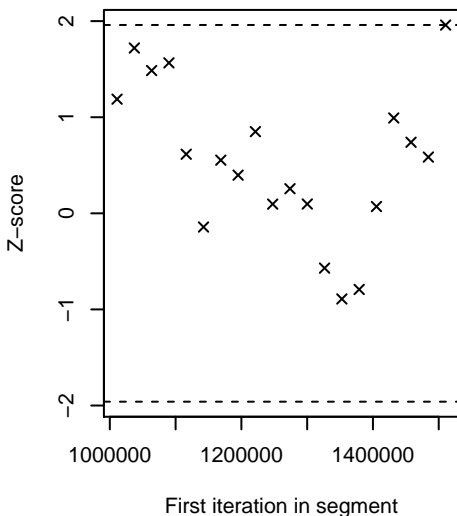
mu.HB[15] (chain3)



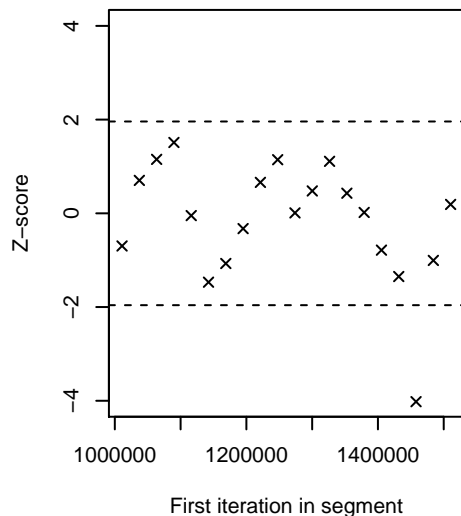
mu.HB[16] (chain3)



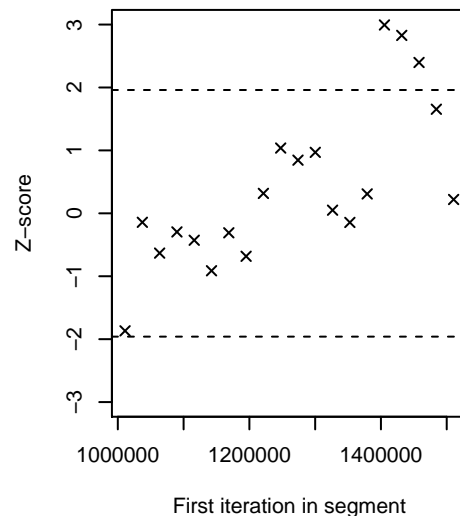
mu.HB[17] (chain3)



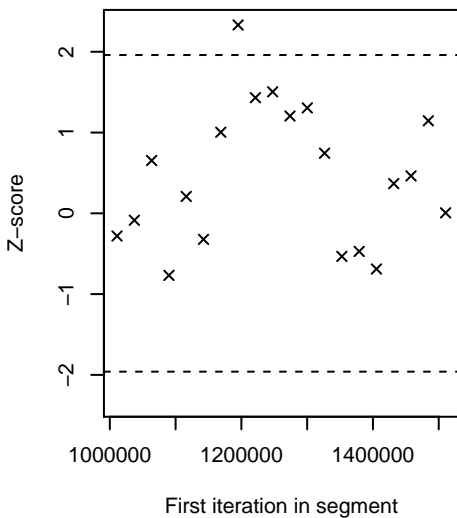
mu.HB[18] (chain3)



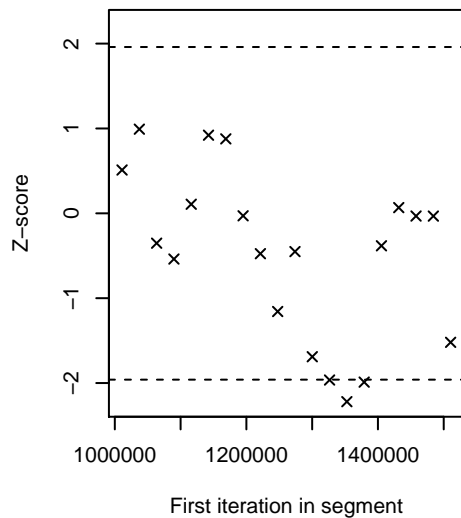
mu.HB[19] (chain3)



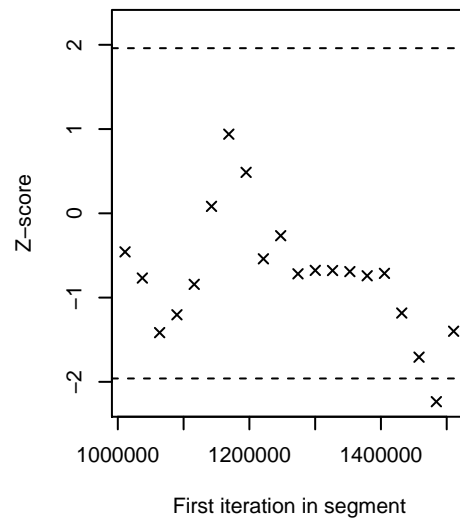
mu.HB[20] (chain3)



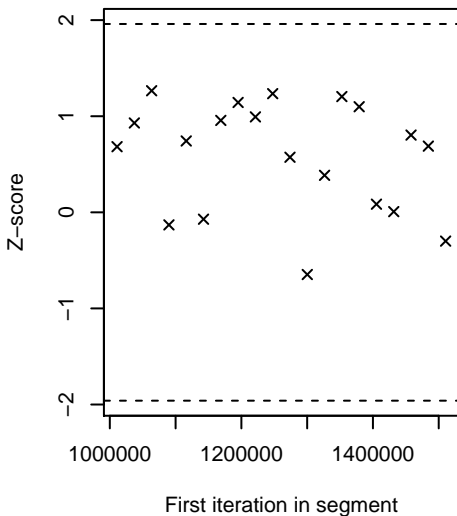
mu.HB[21] (chain3)



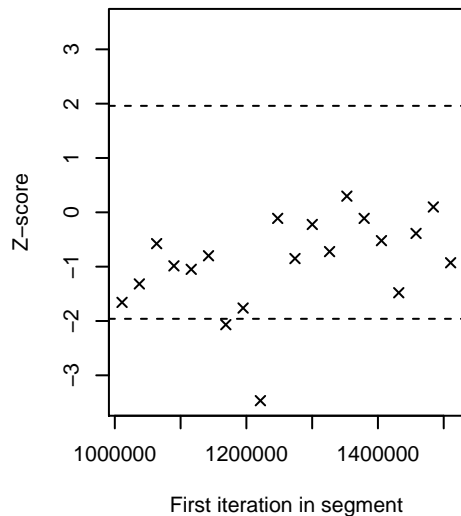
mu.HB[22] (chain3)



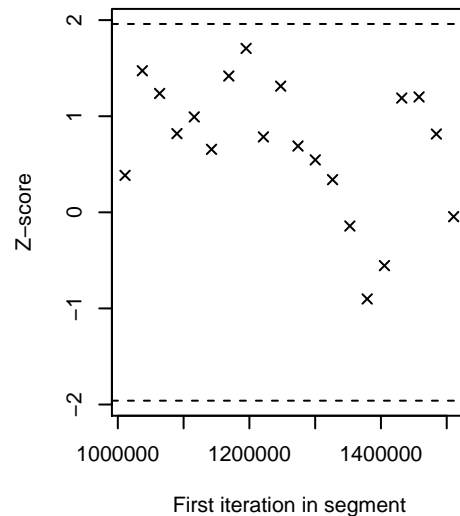
mu.HB[23] (chain3)



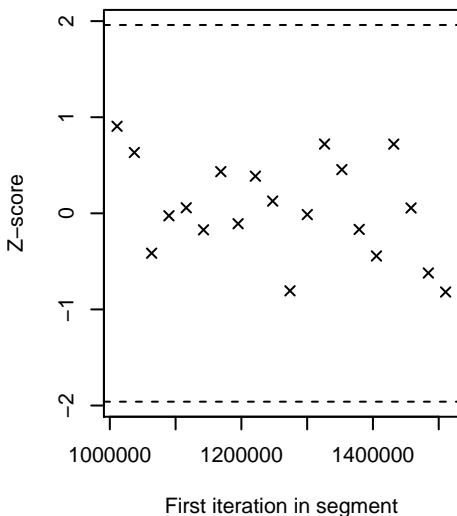
mu.HB[24] (chain3)



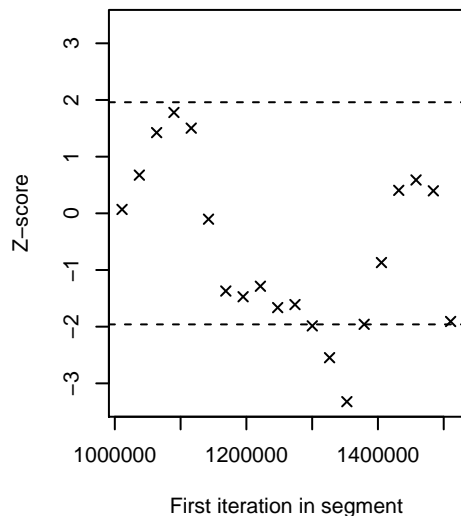
mu.HB[25] (chain3)



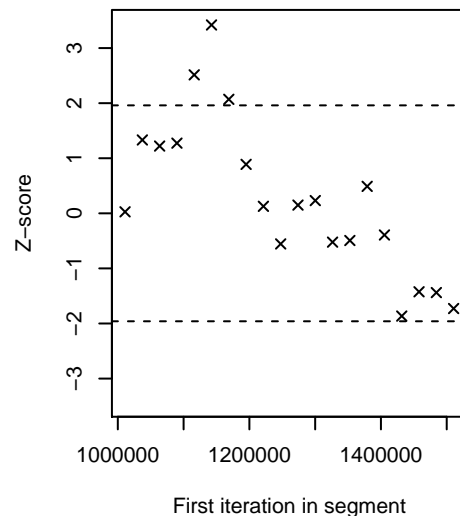
mu.HB[26] (chain3)



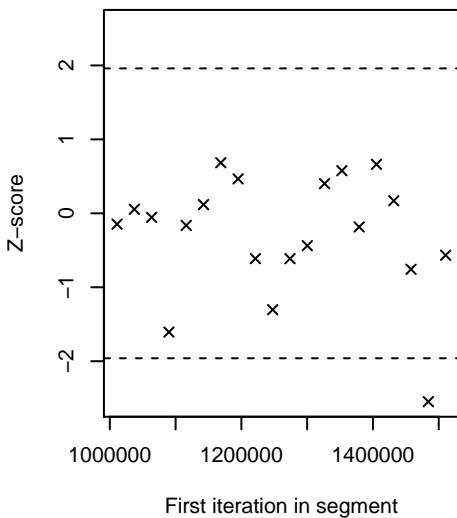
mu.HB[27] (chain3)



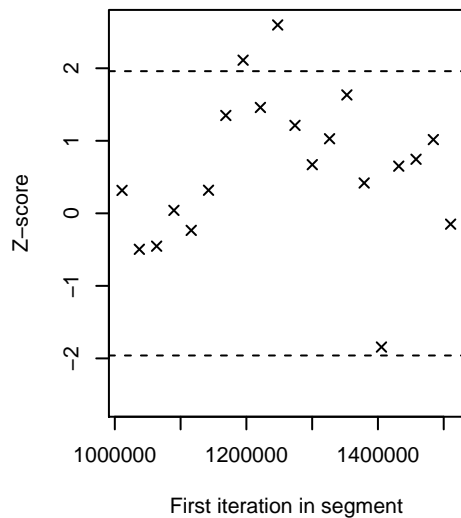
mu.HB[28] (chain3)



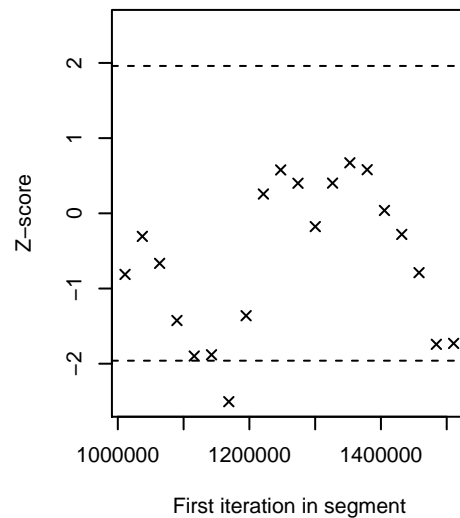
mu.HB[29] (chain3)



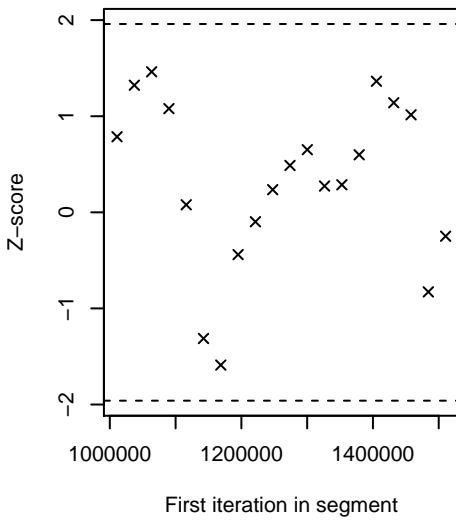
mu.HB[30] (chain3)



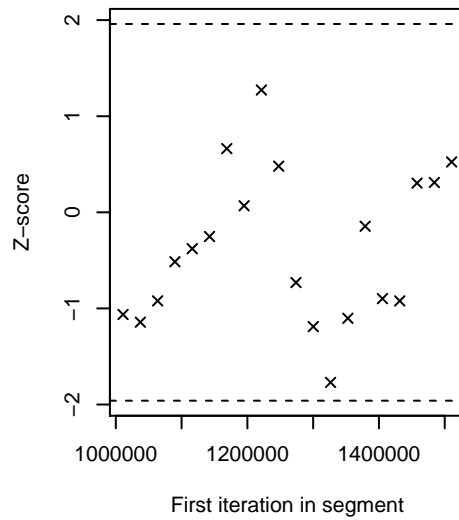
mu.HB[31] (chain3)



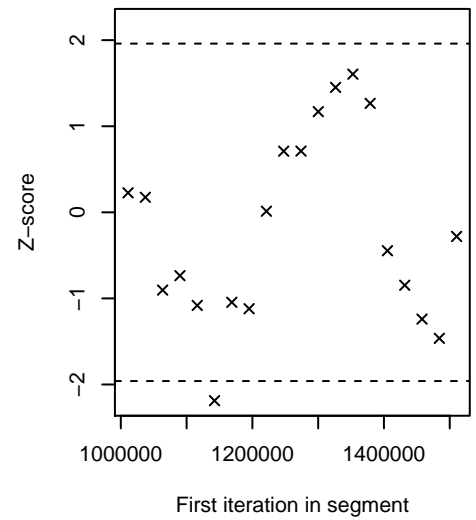
mu.HB[32] (chain3)



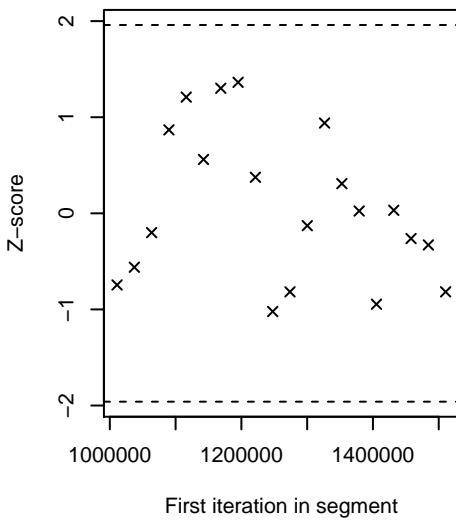
mu.HB[33] (chain3)



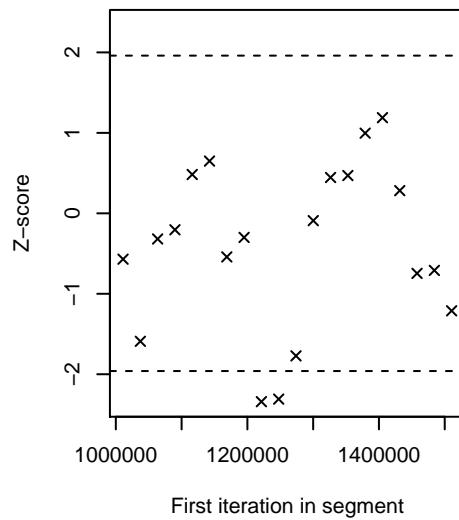
mu.HB[34] (chain3)



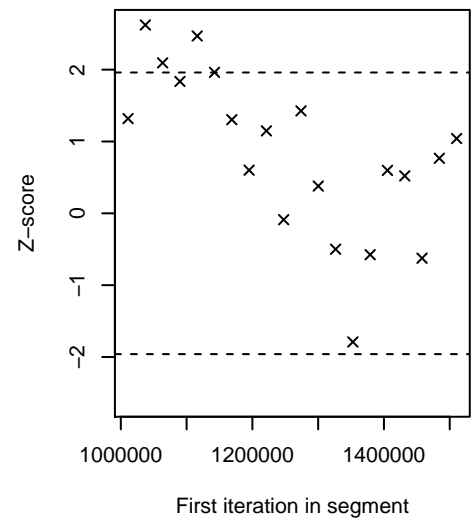
mu.HB[35] (chain3)



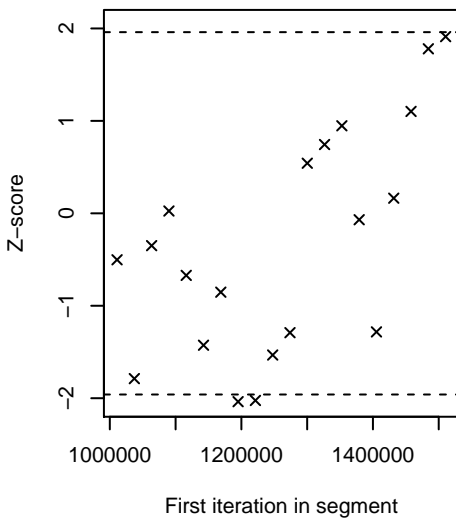
mu.HB[36] (chain3)



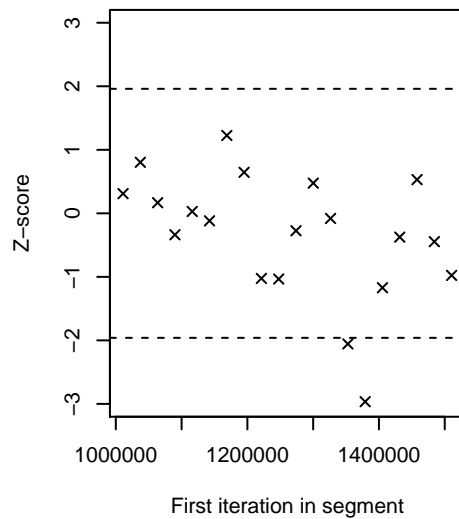
mu.HB[37] (chain3)



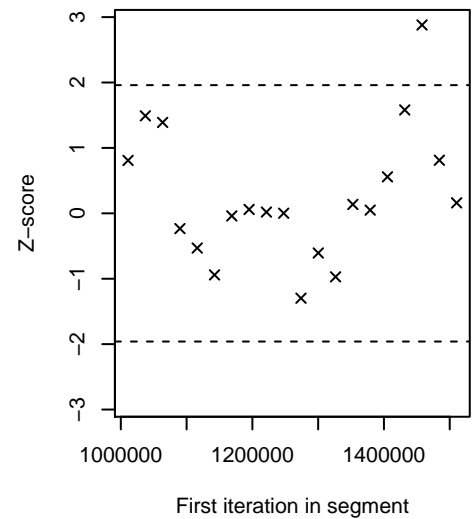
p[1,1] (chain3)



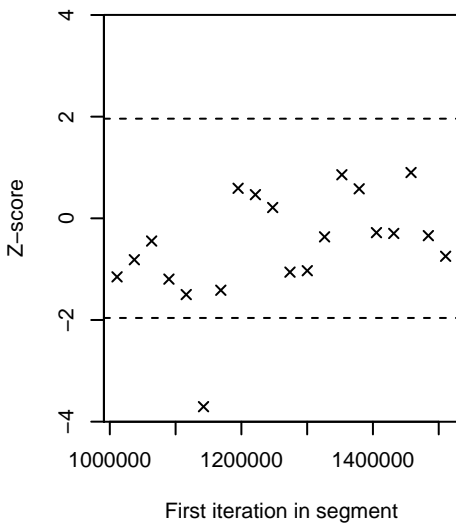
p[2,1] (chain3)



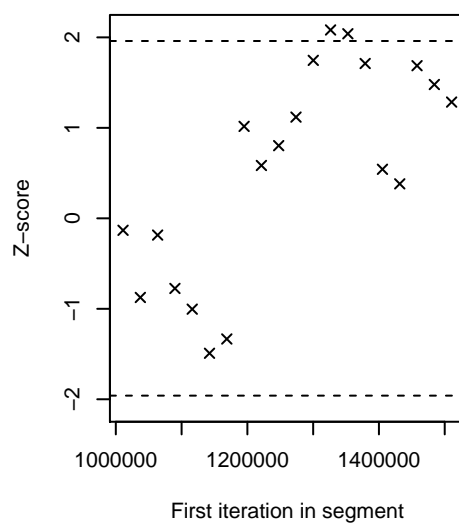
p[3,1] (chain3)



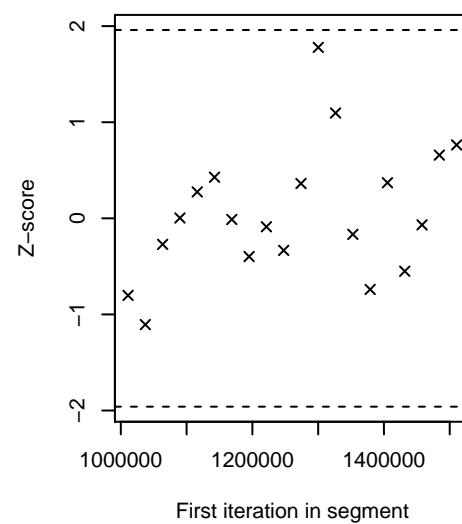
p[4,1] (chain3)



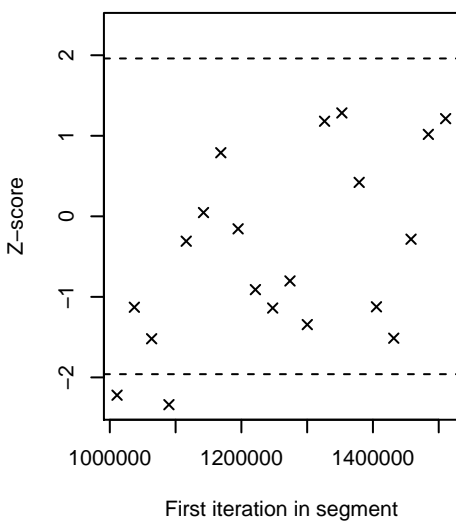
p[5,1] (chain3)



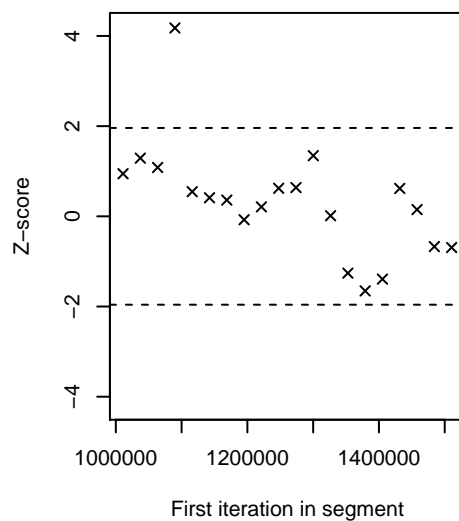
p[6,1] (chain3)



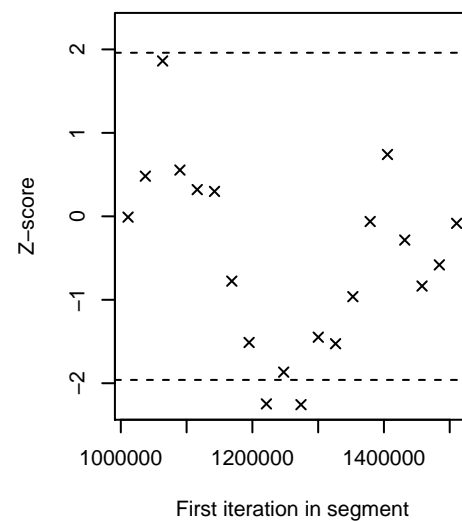
p[7,1] (chain3)



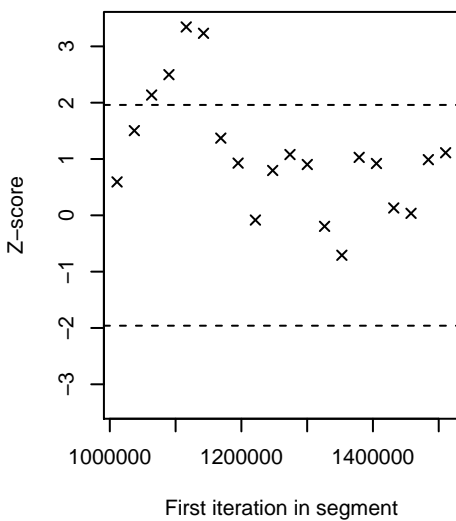
p[8,1] (chain3)



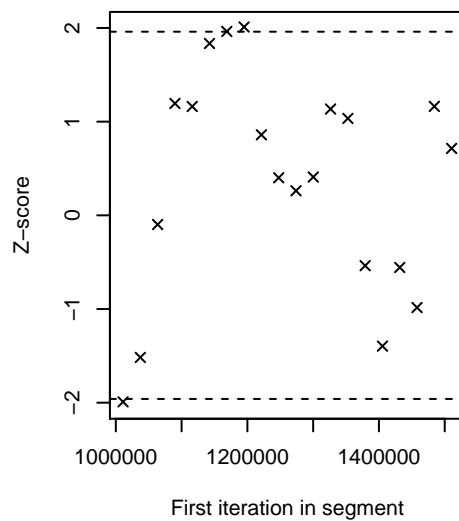
p[9,1] (chain3)



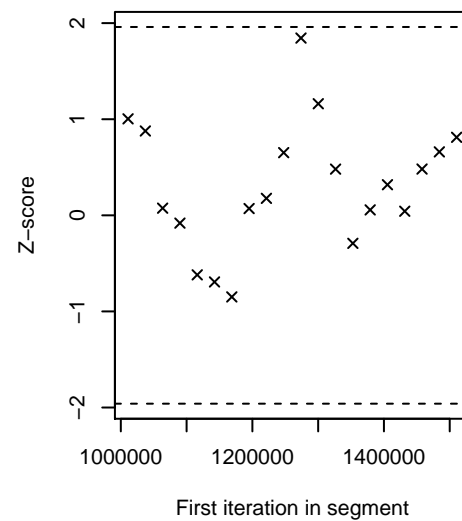
p[10,1] (chain3)



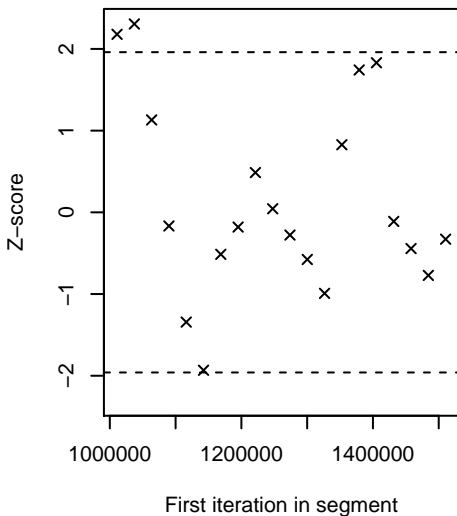
p[11,1] (chain3)



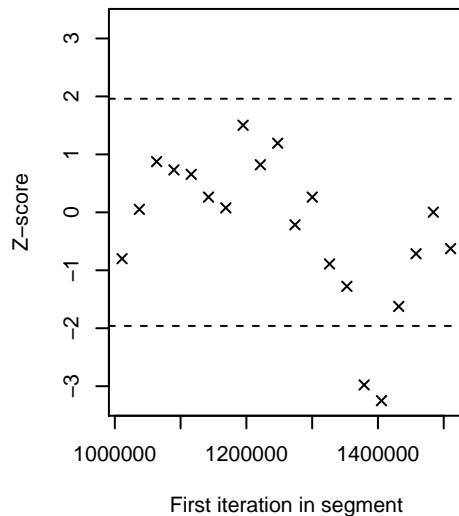
p[12,1] (chain3)



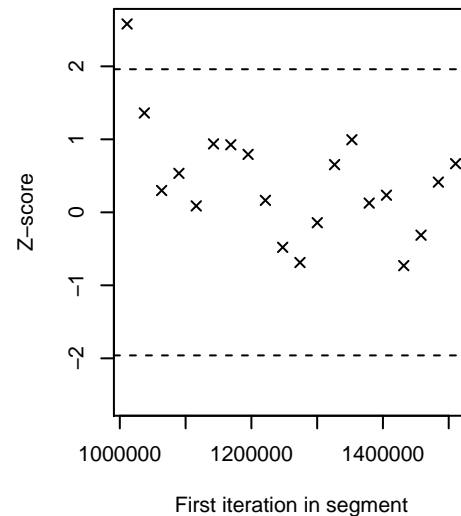
p[13,1] (chain3)



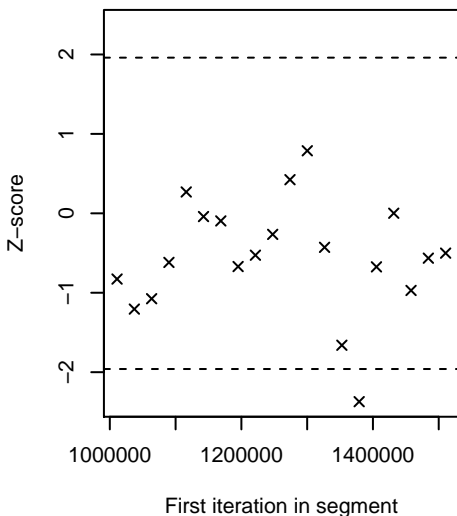
p[14,1] (chain3)



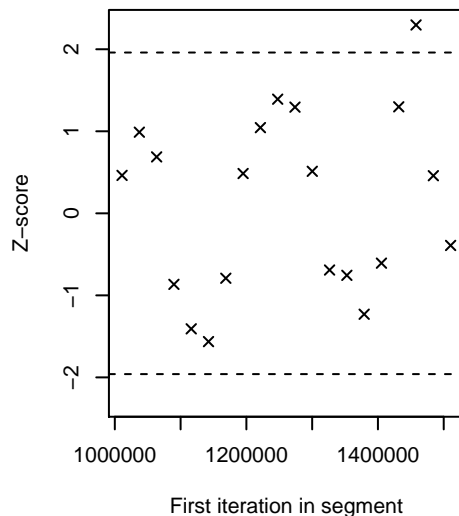
p[15,1] (chain3)



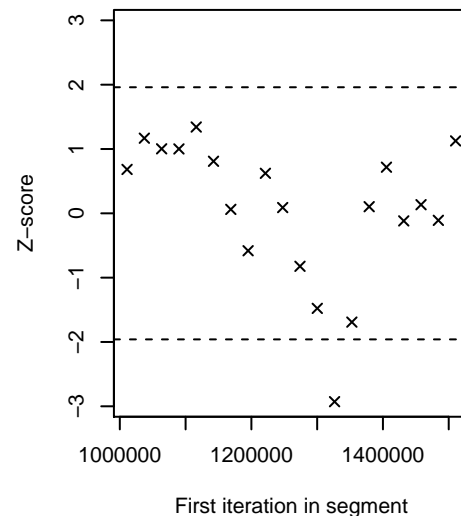
p[16,1] (chain3)



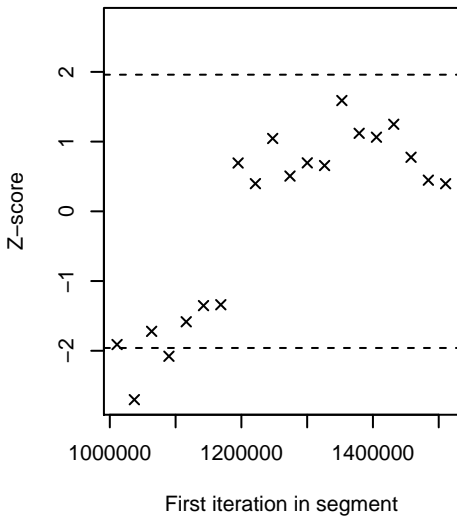
p[17,1] (chain3)



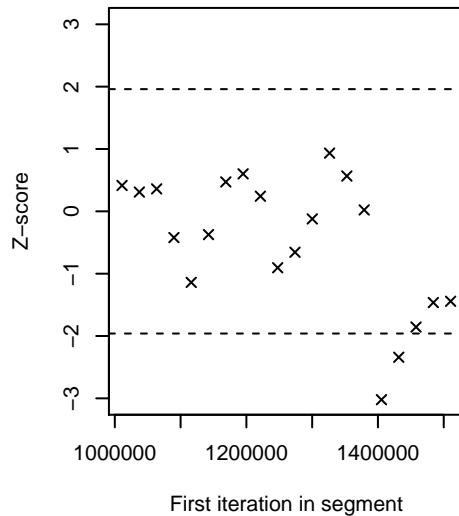
p[18,1] (chain3)



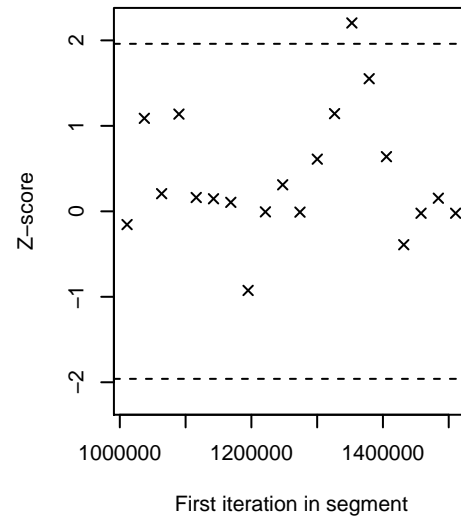
p[19,1] (chain3)



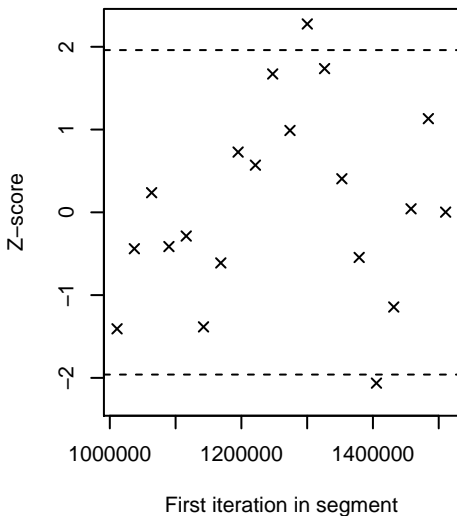
p[20,1] (chain3)



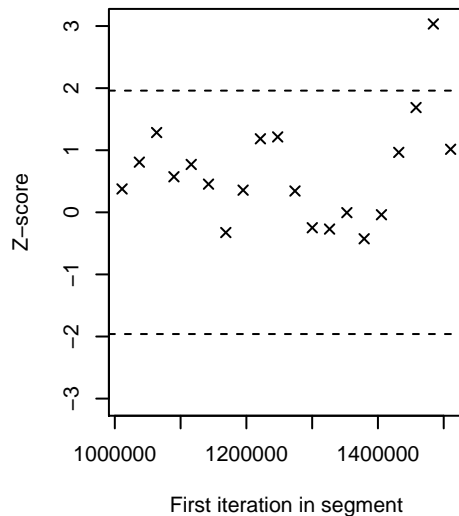
p[21,1] (chain3)



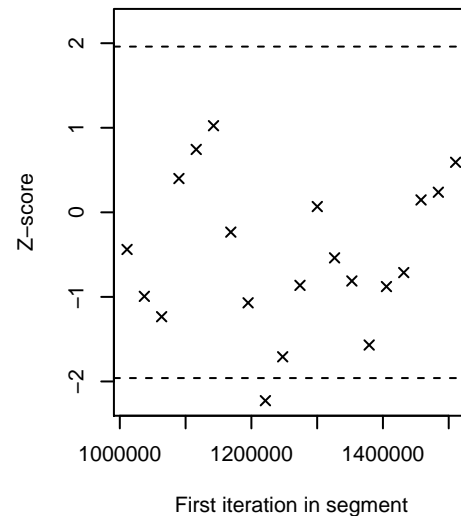
p[22,1] (chain3)



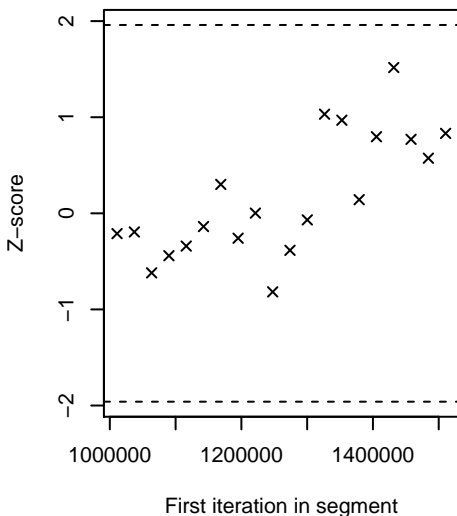
p[23,1] (chain3)



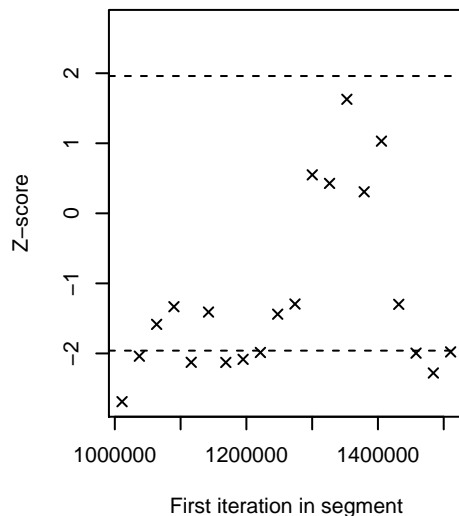
p[24,1] (chain3)



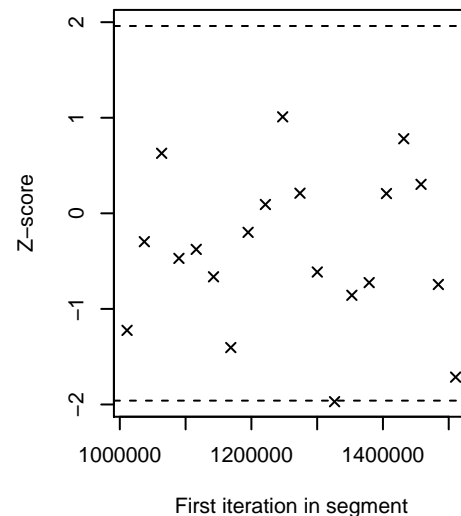
p[25,1] (chain3)



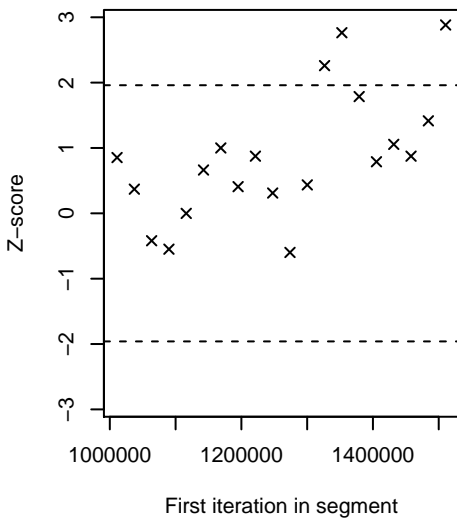
p[26,1] (chain3)



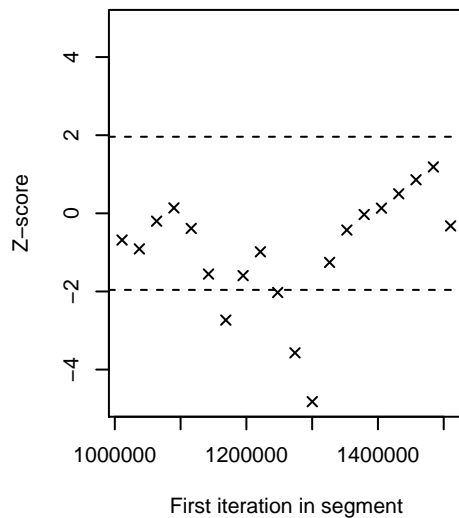
p[27,1] (chain3)



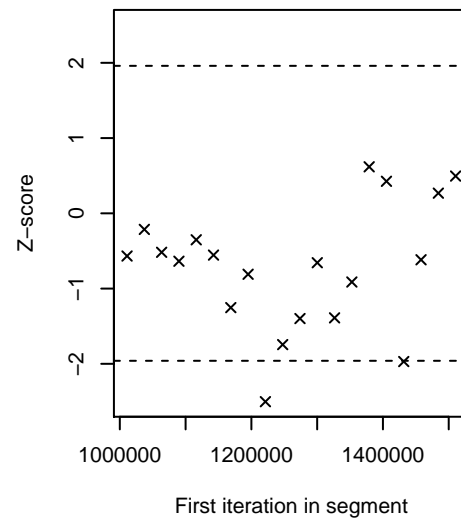
p[28,1] (chain3)



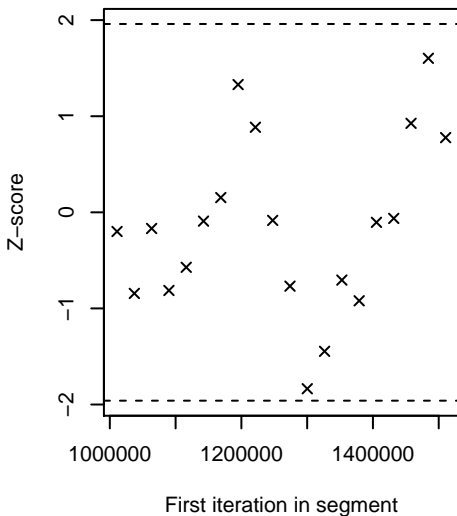
p[29,1] (chain3)



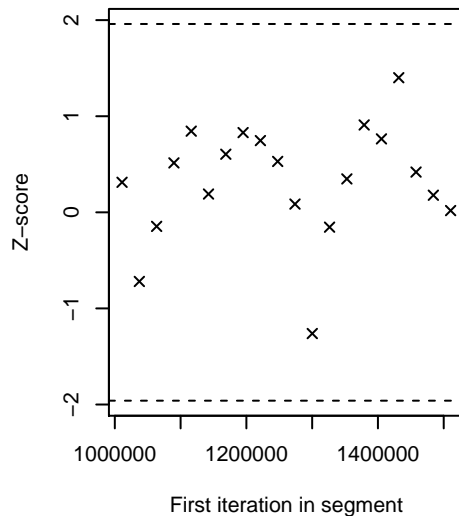
p[30,1] (chain3)



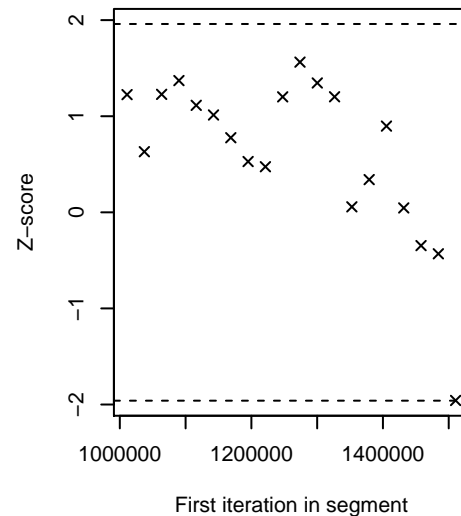
p[31,1] (chain3)



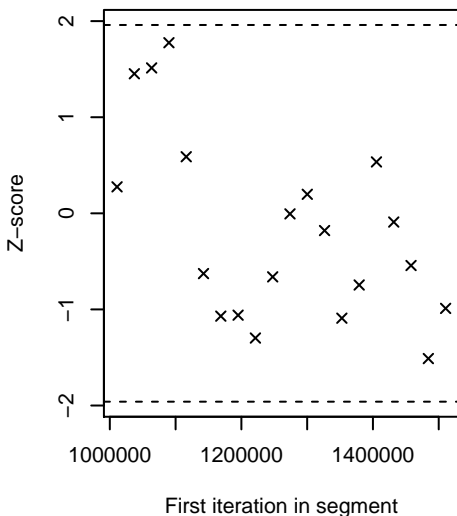
p[32,1] (chain3)



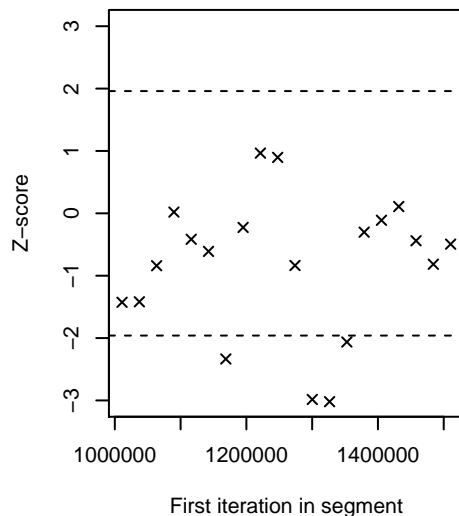
p[33,1] (chain3)



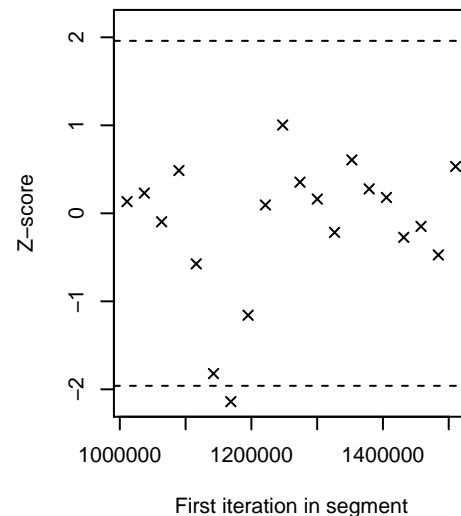
p[34,1] (chain3)



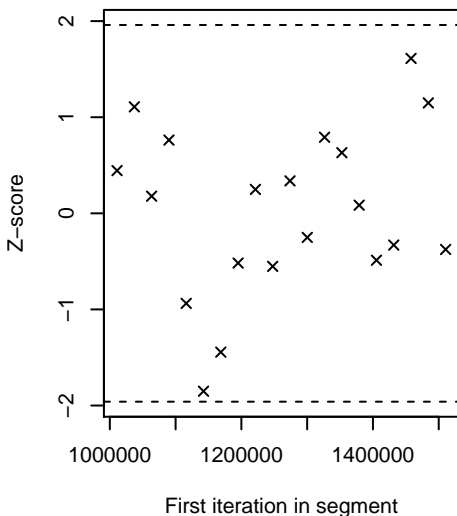
p[35,1] (chain3)



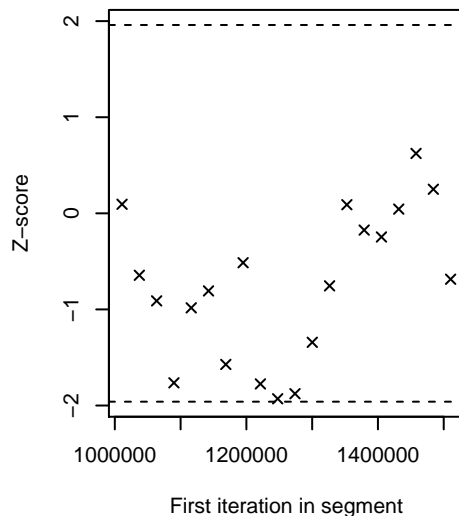
p[36,1] (chain3)



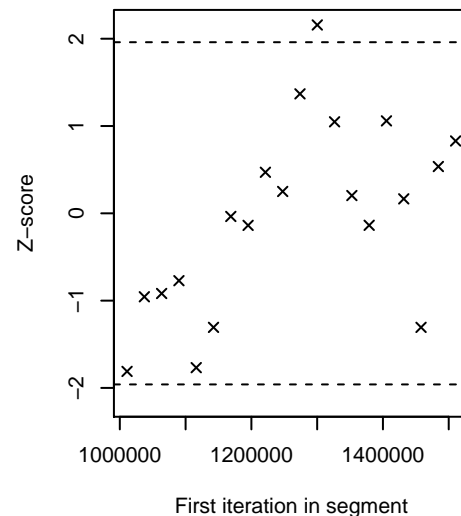
p[37,1] (chain3)



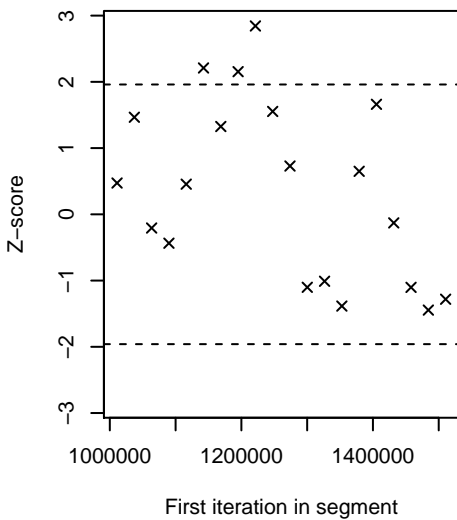
p[38,1] (chain3)



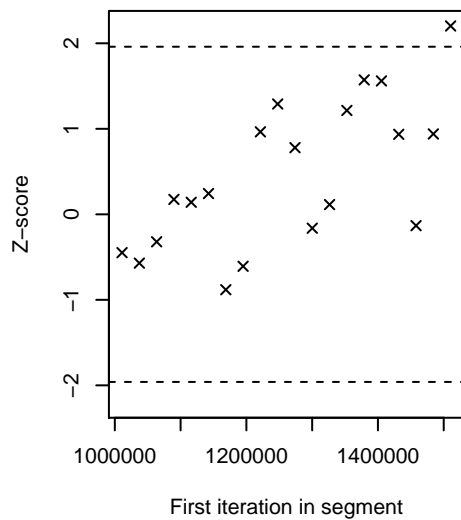
p[39,1] (chain3)



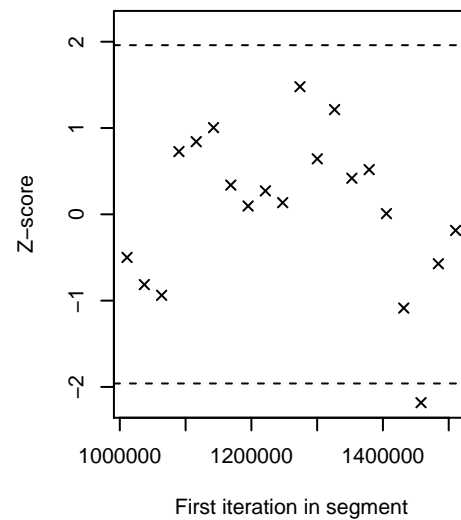
p[1,2] (chain3)



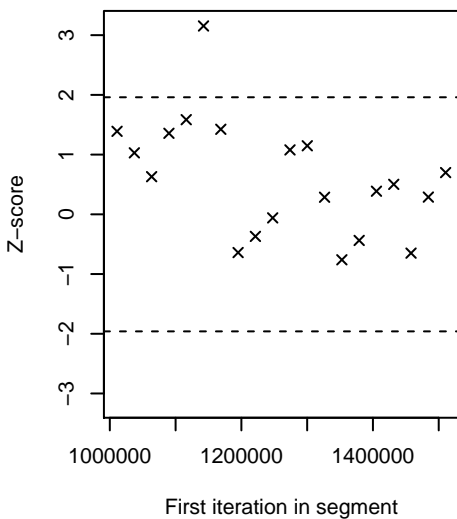
p[2,2] (chain3)



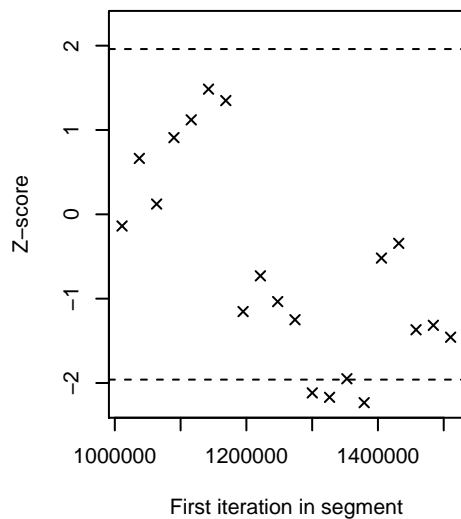
p[3,2] (chain3)



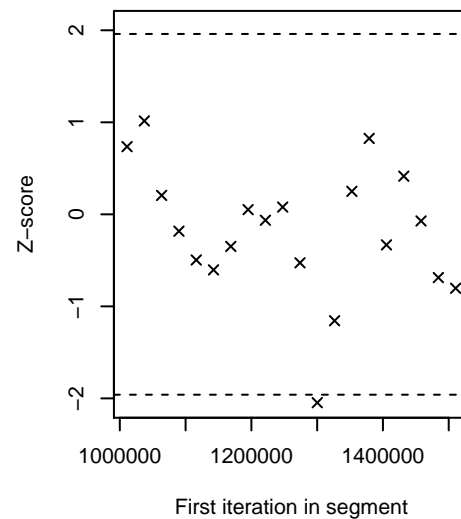
p[4,2] (chain3)



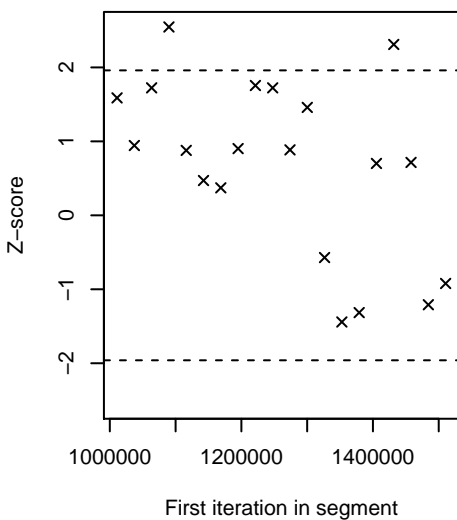
p[5,2] (chain3)



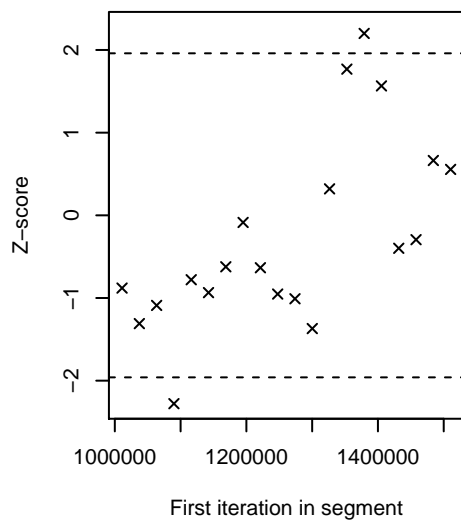
p[6,2] (chain3)



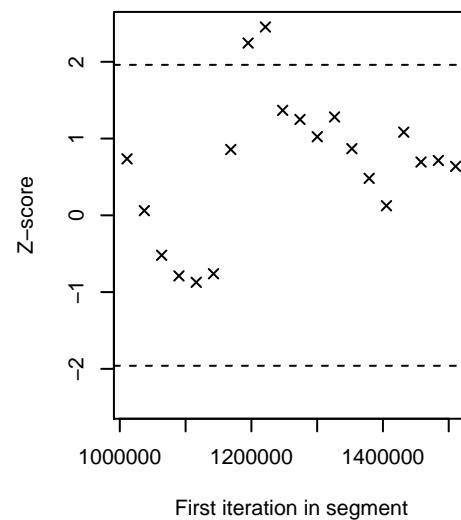
p[7,2] (chain3)



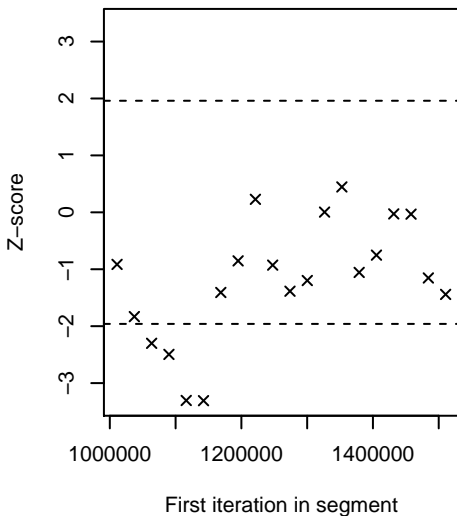
p[8,2] (chain3)



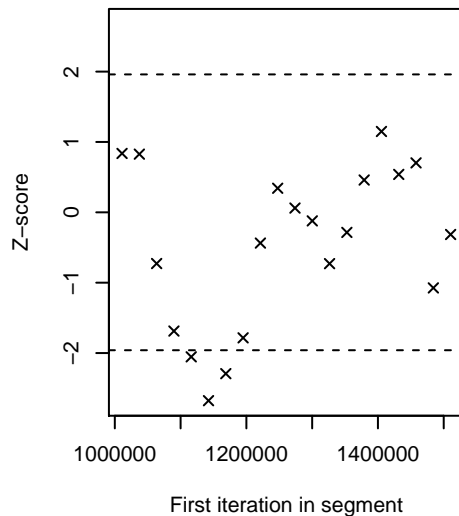
p[9,2] (chain3)



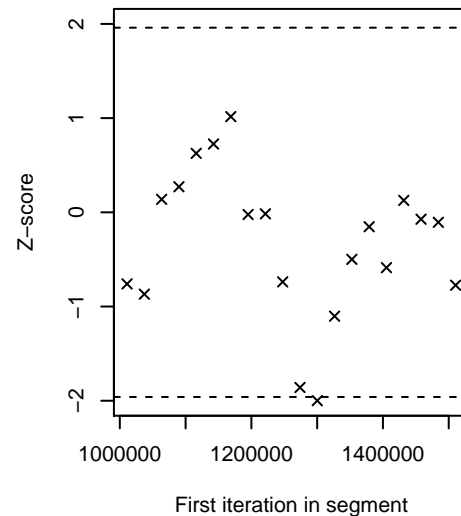
p[10,2] (chain3)



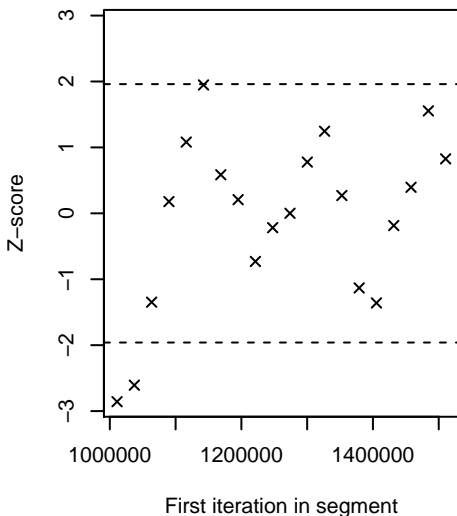
p[11,2] (chain3)



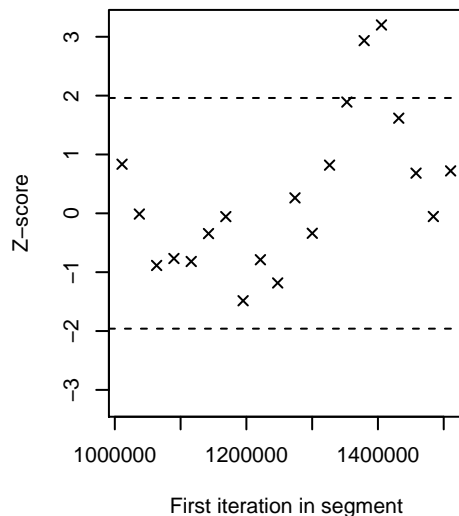
p[12,2] (chain3)



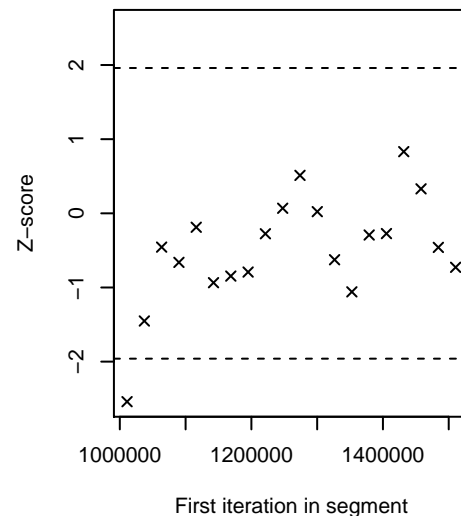
p[13,2] (chain3)



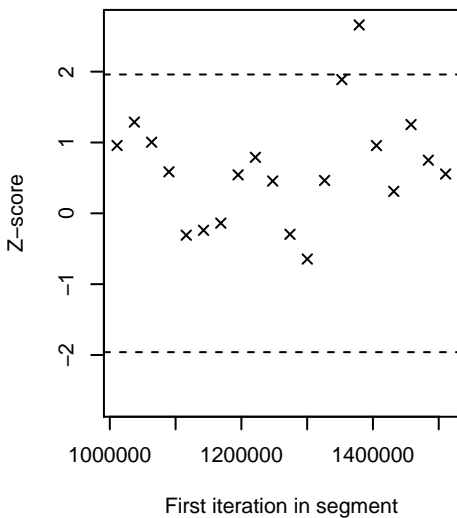
p[14,2] (chain3)



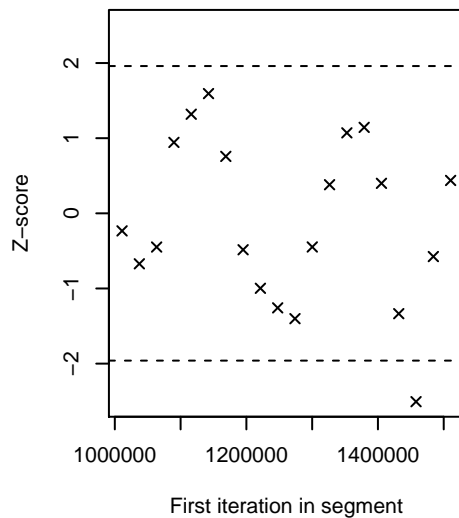
p[15,2] (chain3)



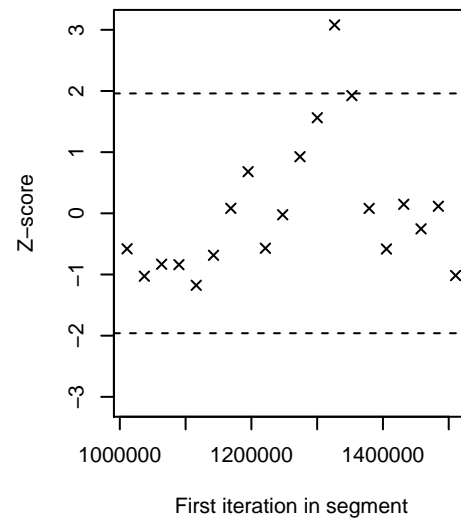
p[16,2] (chain3)



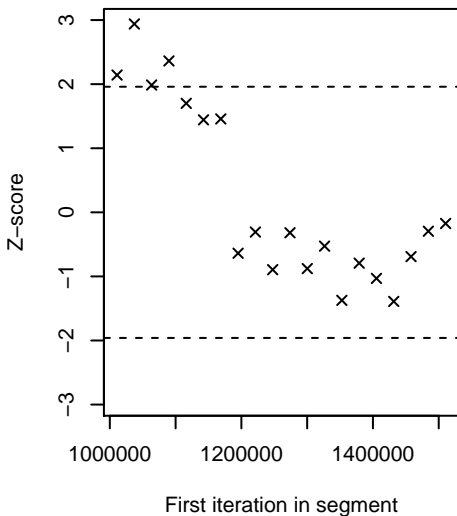
p[17,2] (chain3)



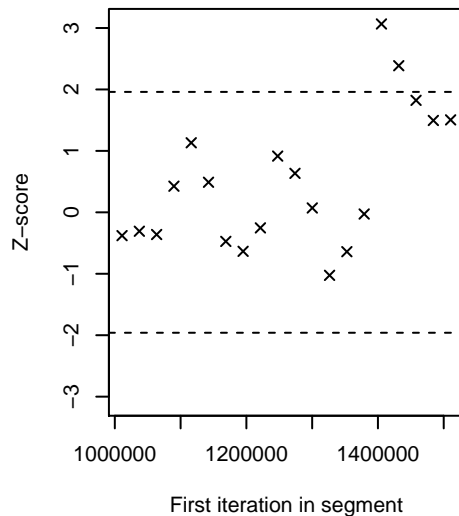
p[18,2] (chain3)



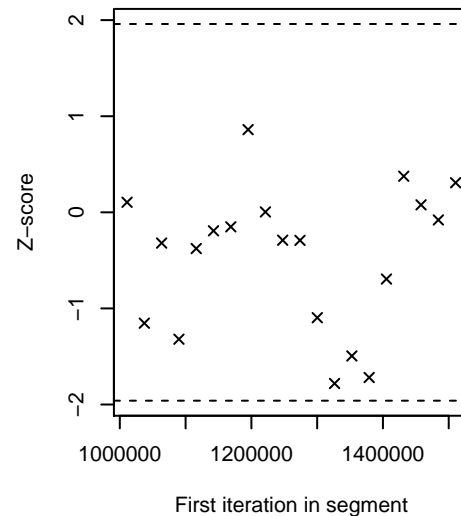
p[19,2] (chain3)



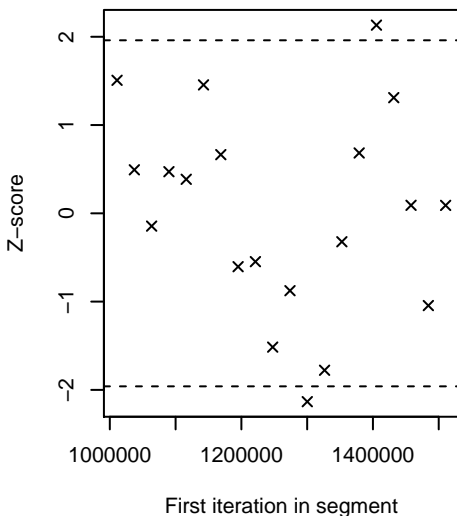
p[20,2] (chain3)



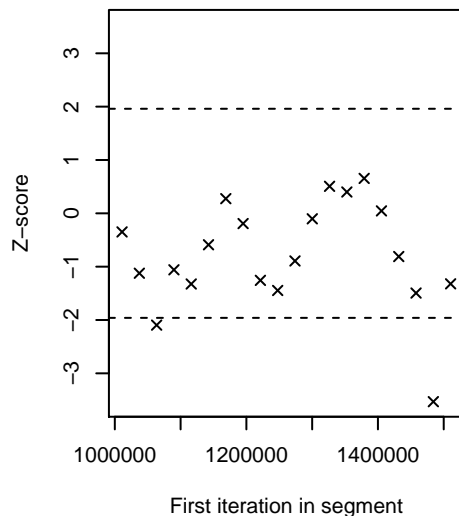
p[21,2] (chain3)



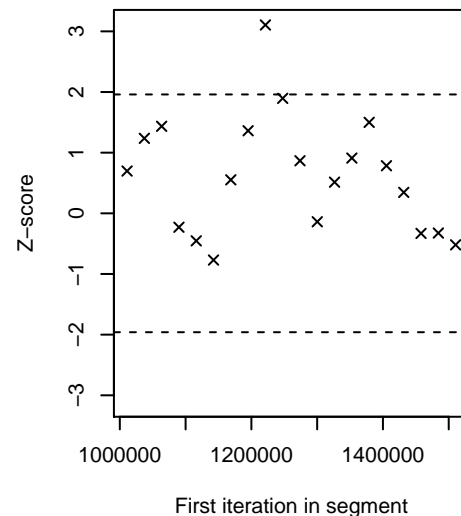
p[22,2] (chain3)



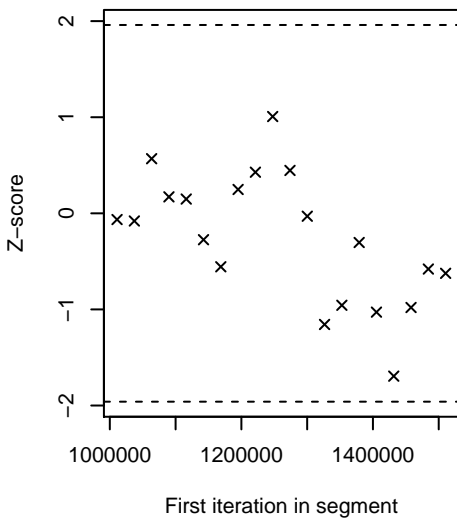
p[23,2] (chain3)



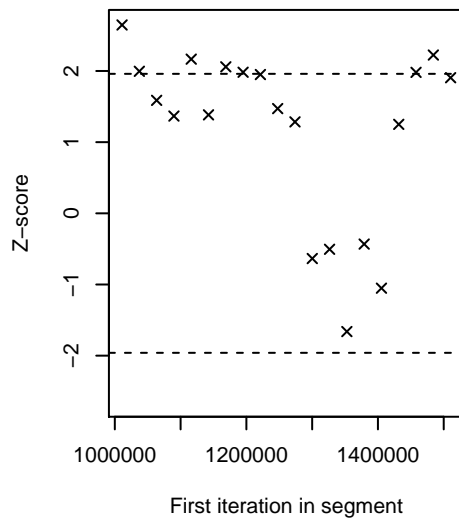
p[24,2] (chain3)



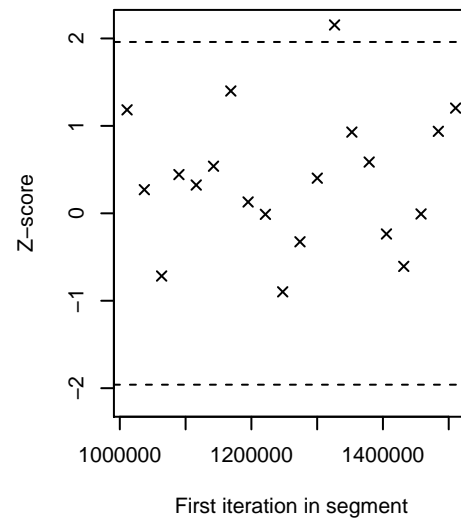
p[25,2] (chain3)



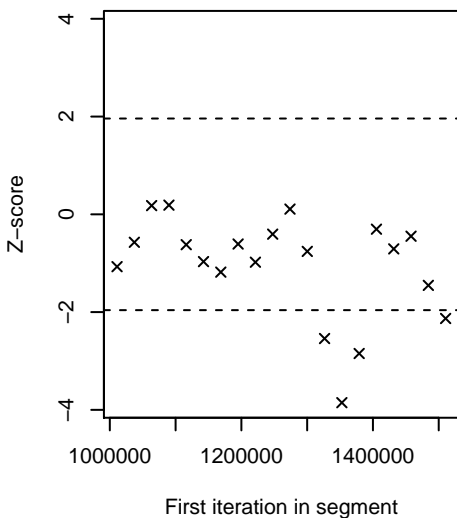
p[26,2] (chain3)



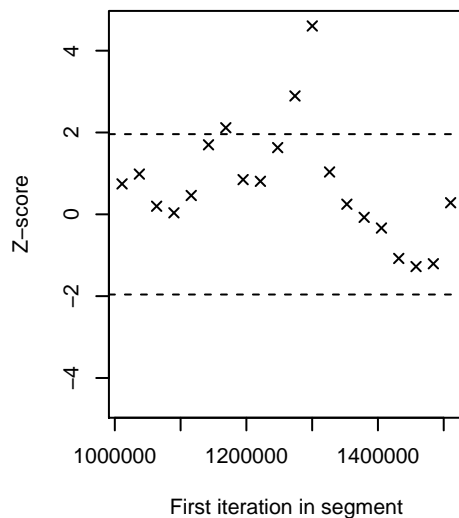
p[27,2] (chain3)



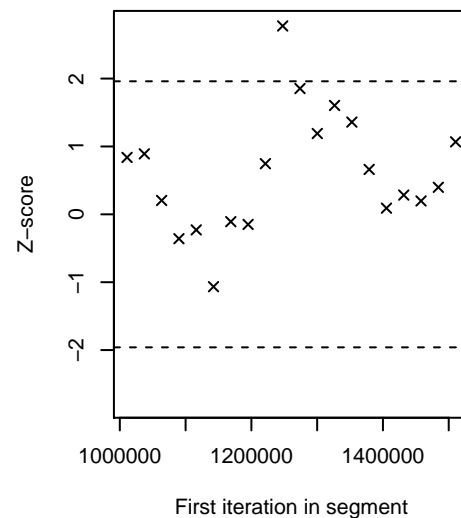
p[28,2] (chain3)



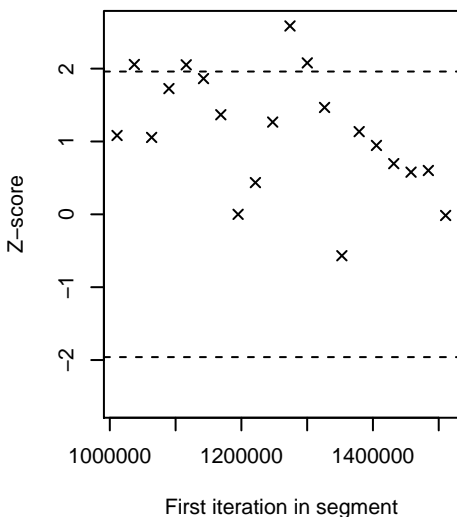
p[29,2] (chain3)



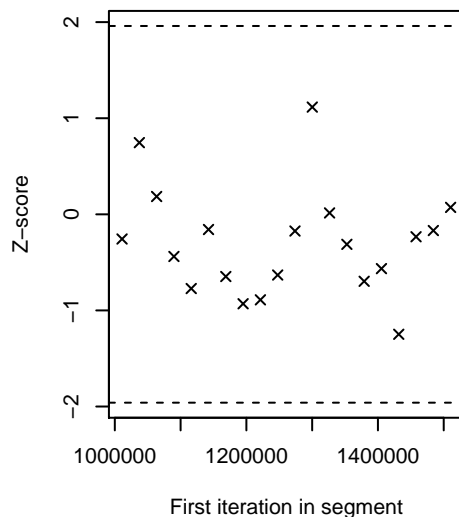
p[30,2] (chain3)



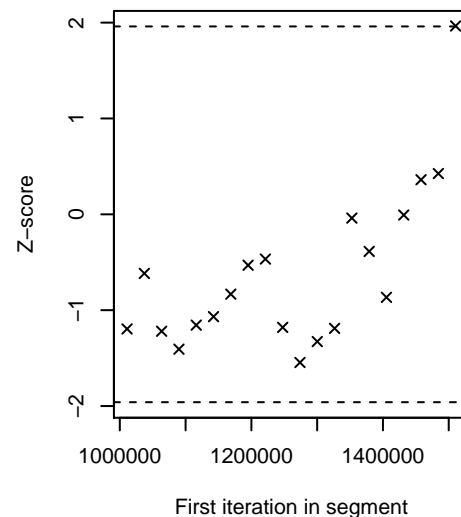
p[31,2] (chain3)



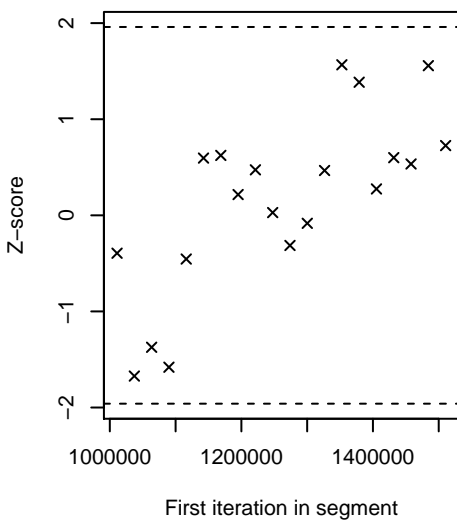
p[32,2] (chain3)



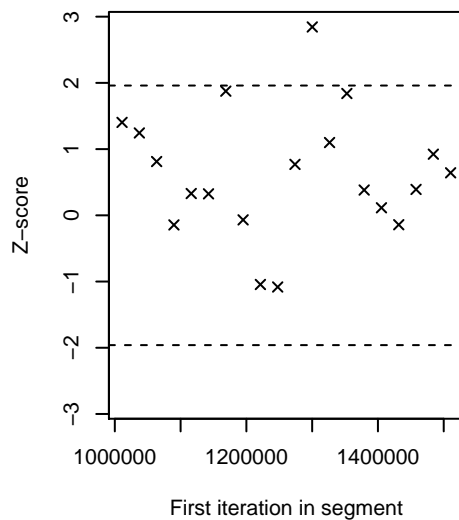
p[33,2] (chain3)



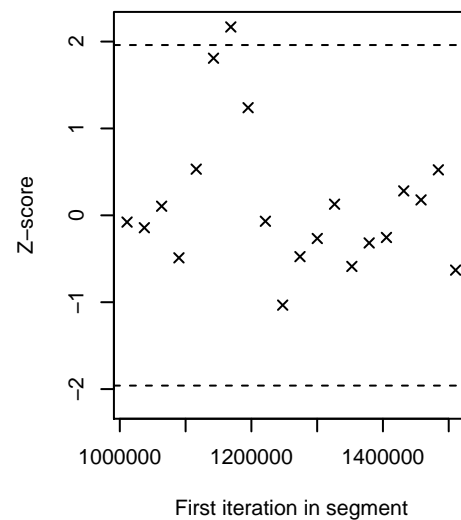
p[34,2] (chain3)



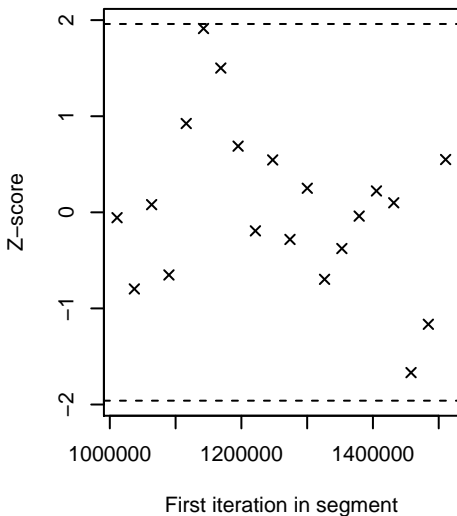
p[35,2] (chain3)



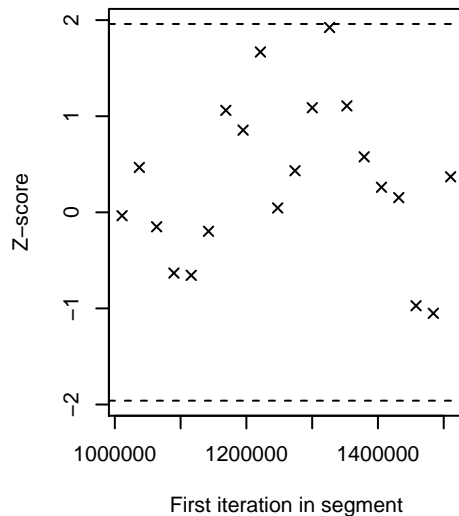
p[36,2] (chain3)



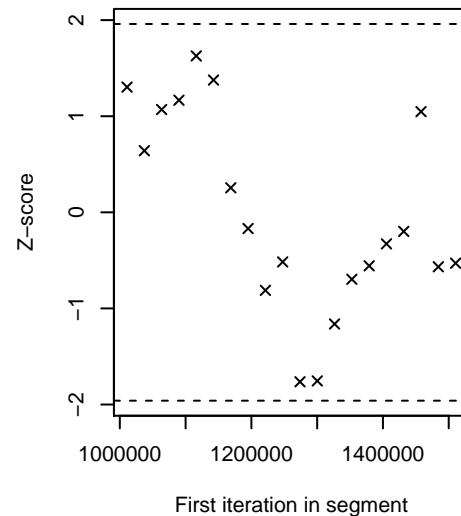
p[37,2] (chain3)



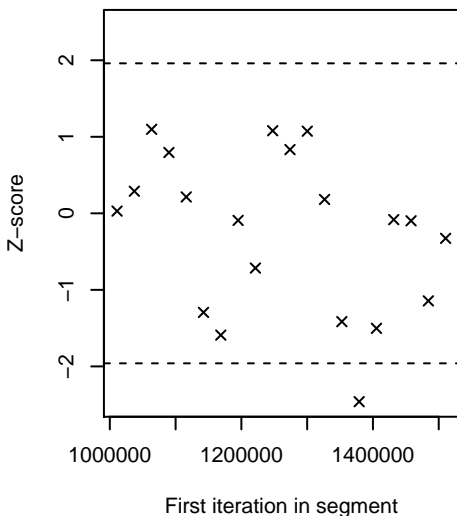
p[38,2] (chain3)



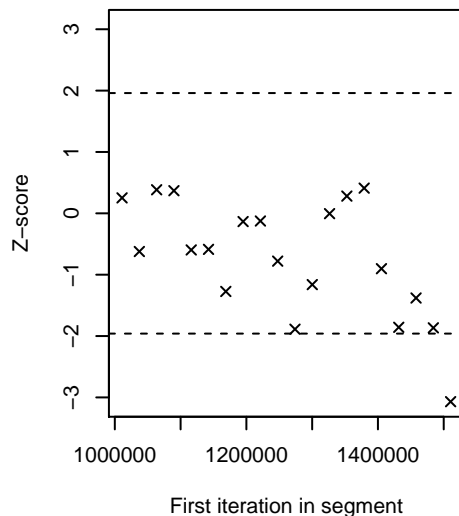
p[39,2] (chain3)



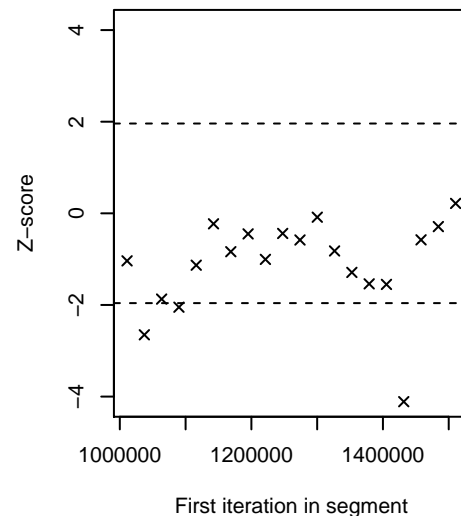
p[1,3] (chain3)



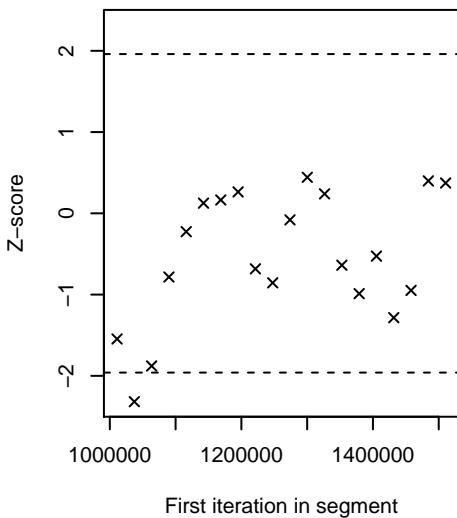
p[2,3] (chain3)



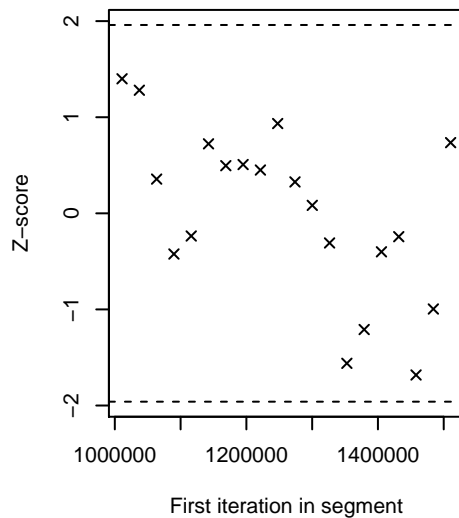
p[3,3] (chain3)



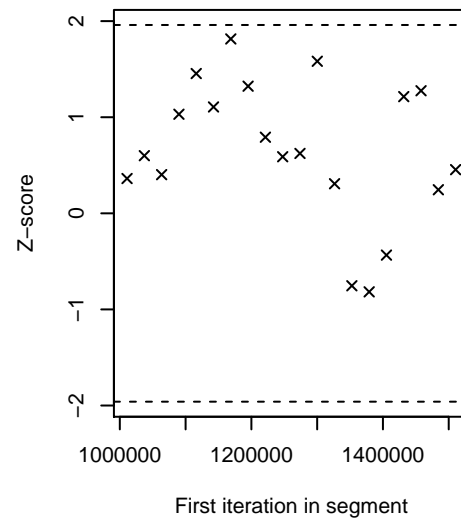
p[4,3] (chain3)



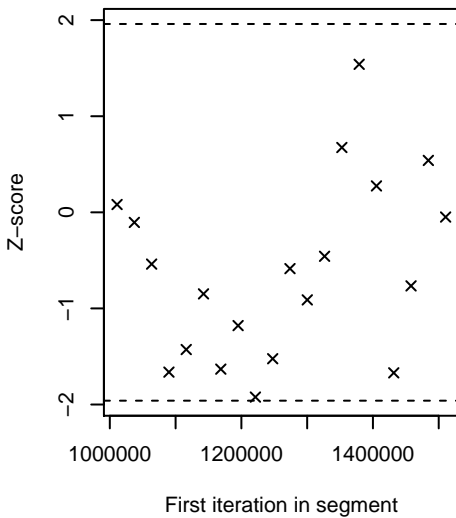
p[5,3] (chain3)



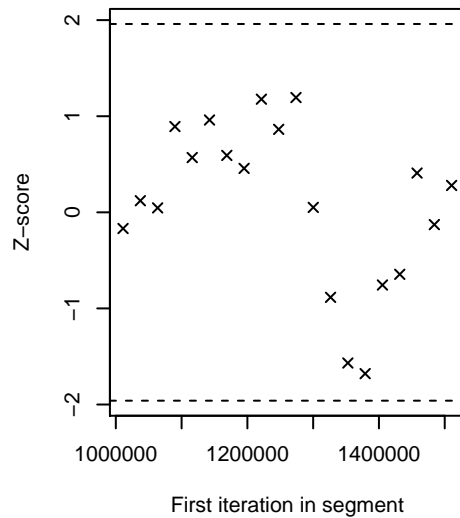
p[6,3] (chain3)



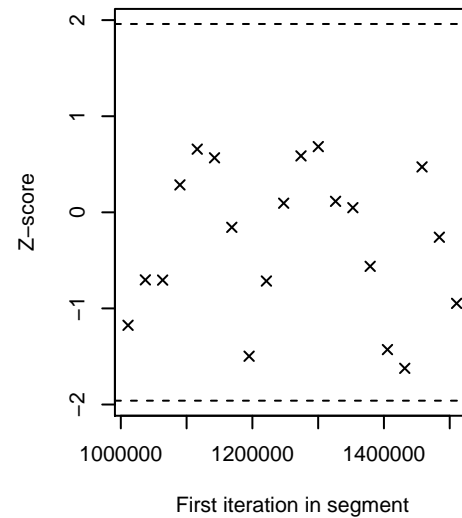
p[7,3] (chain3)



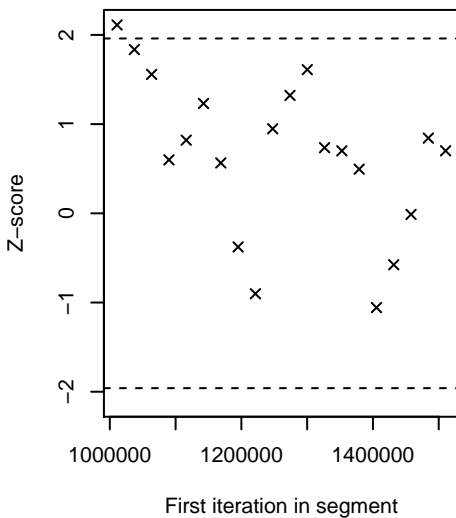
p[8,3] (chain3)



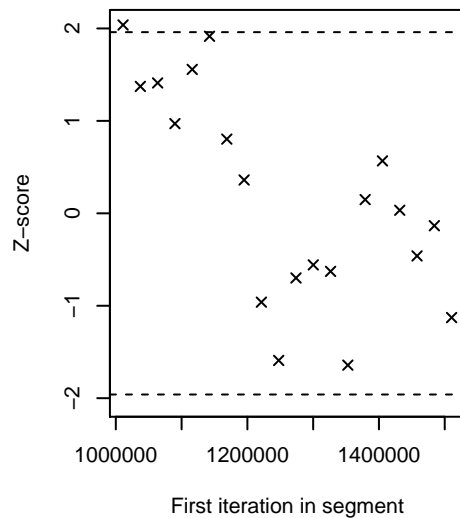
p[9,3] (chain3)



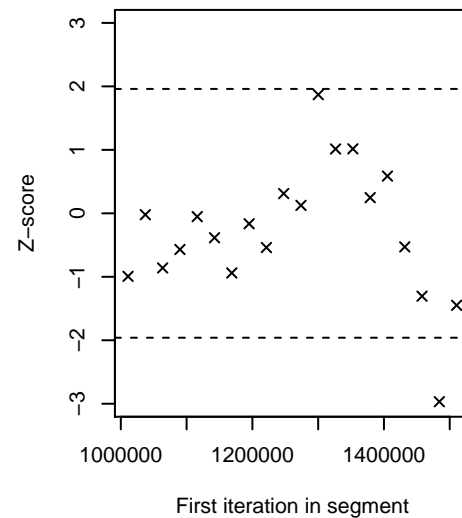
p[10,3] (chain3)



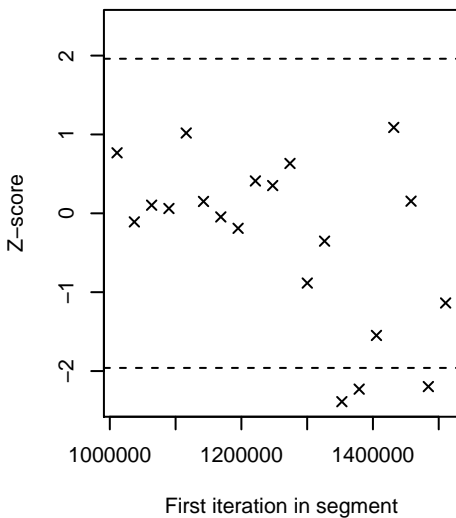
p[11,3] (chain3)



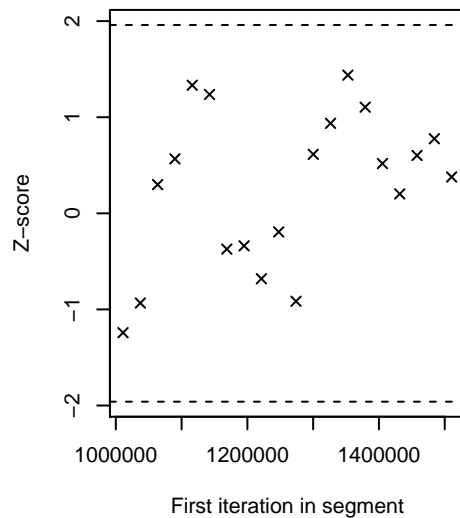
p[12,3] (chain3)



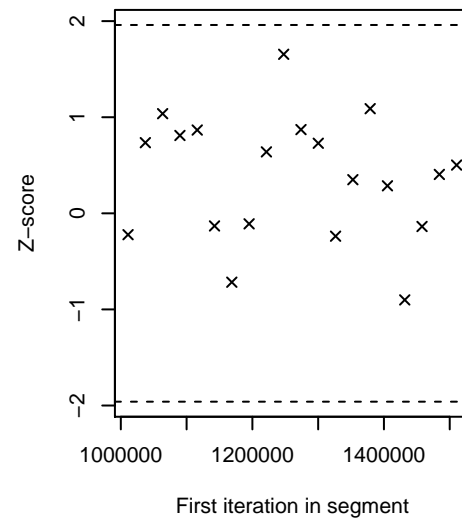
p[13,3] (chain3)



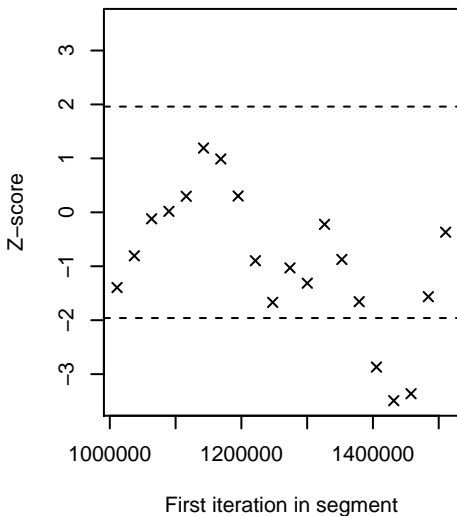
p[14,3] (chain3)



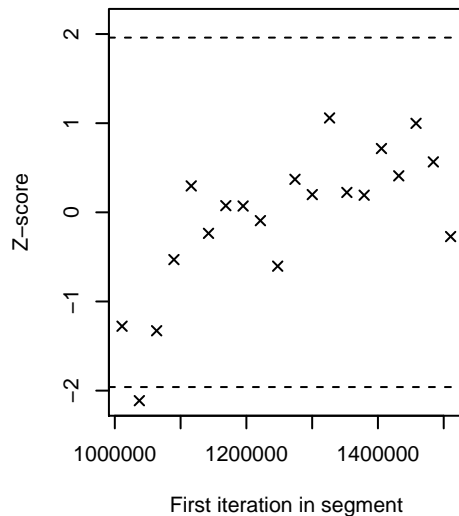
p[15,3] (chain3)



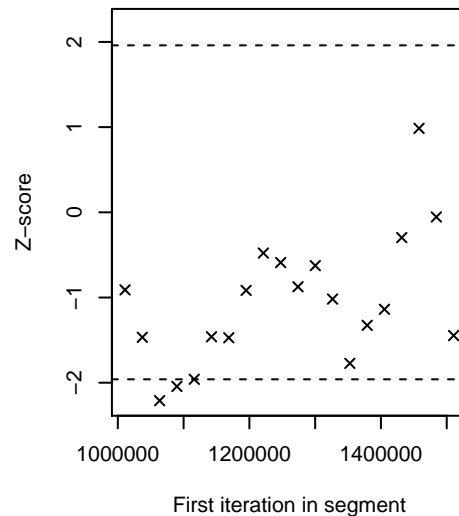
p[16,3] (chain3)



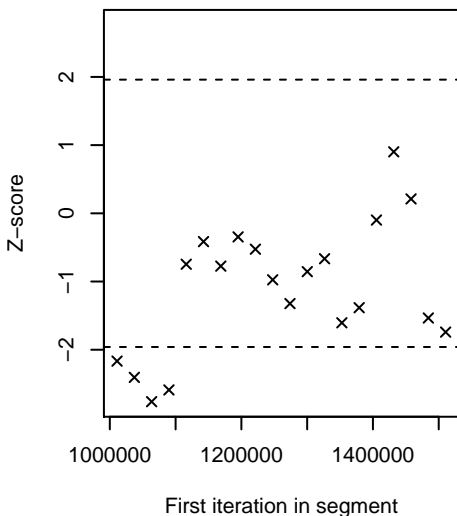
p[17,3] (chain3)



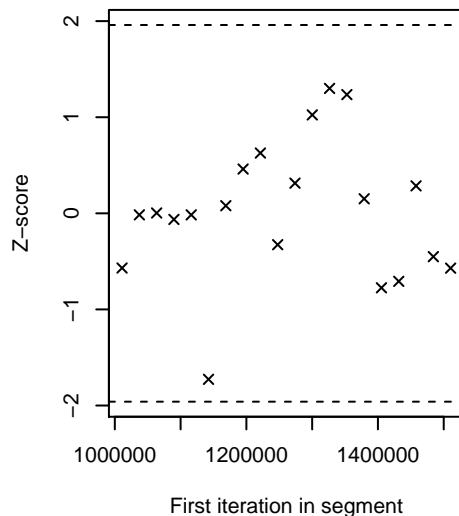
p[18,3] (chain3)



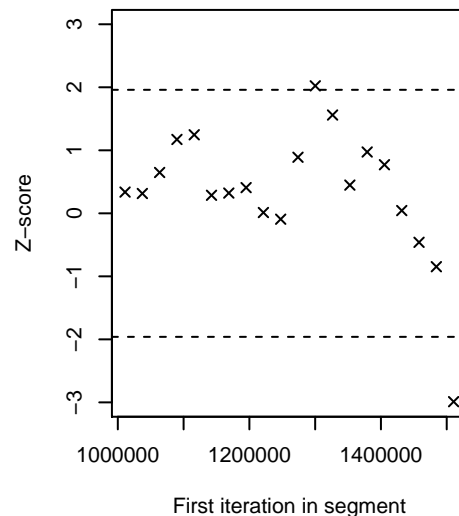
p[19,3] (chain3)



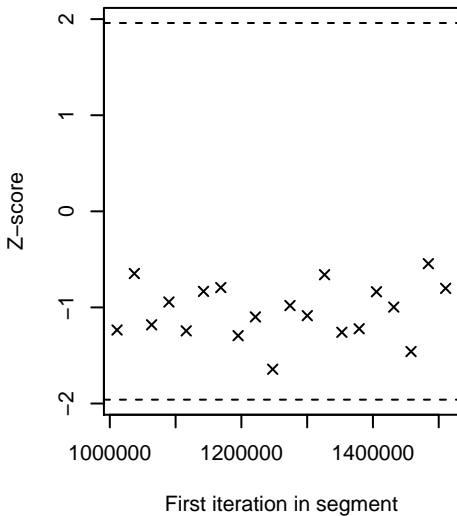
p[20,3] (chain3)



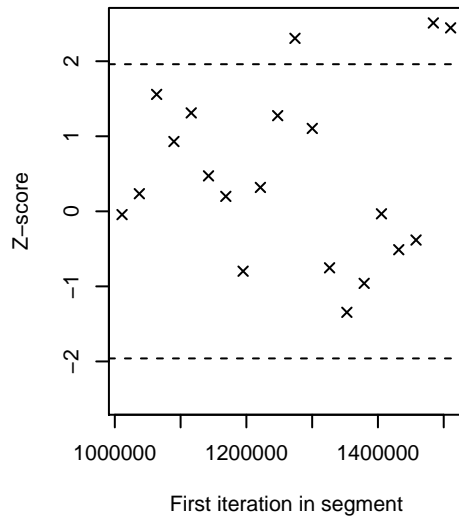
p[21,3] (chain3)



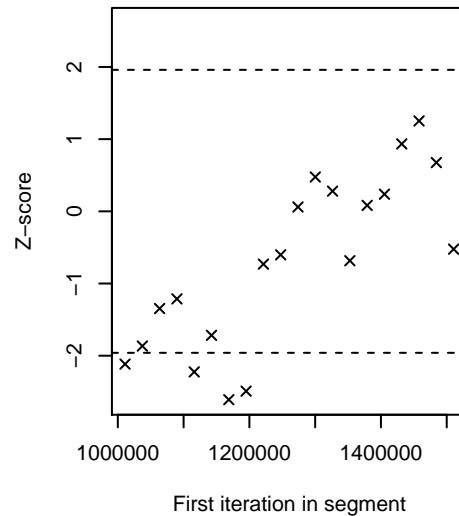
p[22,3] (chain3)



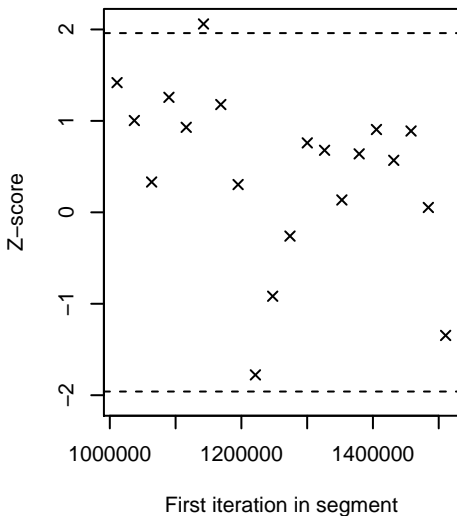
p[23,3] (chain3)



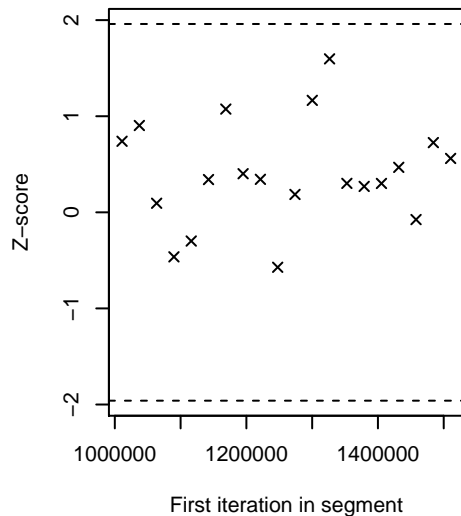
p[24,3] (chain3)



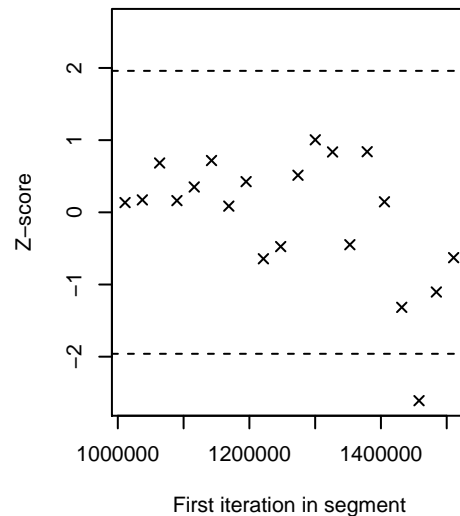
p[25,3] (chain3)



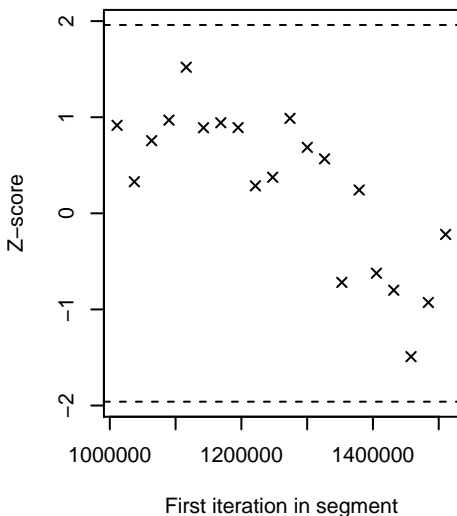
p[26,3] (chain3)



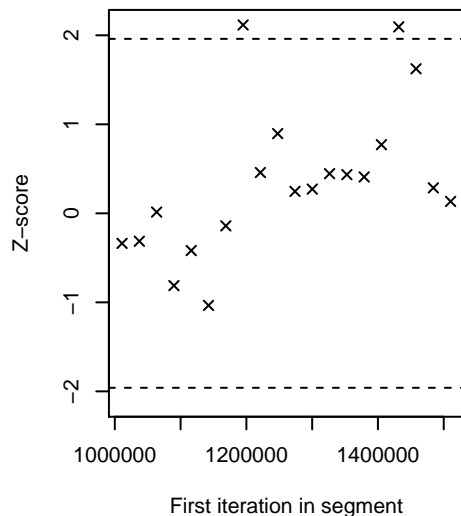
p[27,3] (chain3)



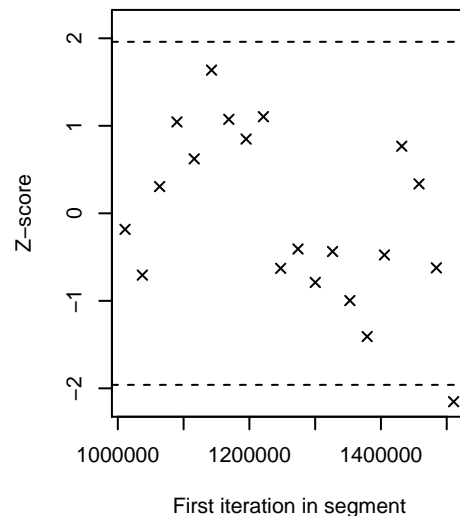
p[28,3] (chain3)



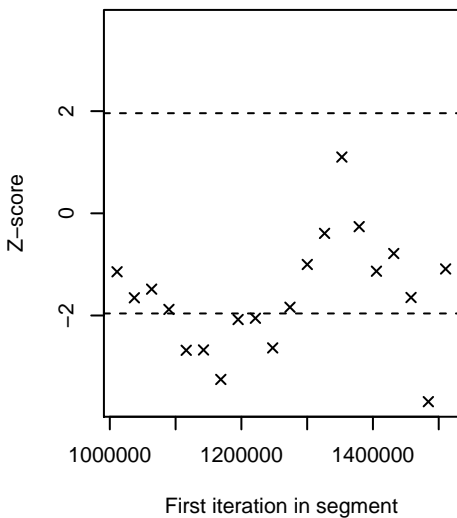
p[29,3] (chain3)



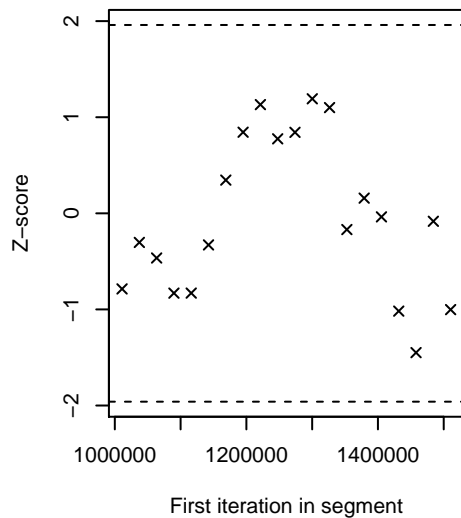
p[30,3] (chain3)



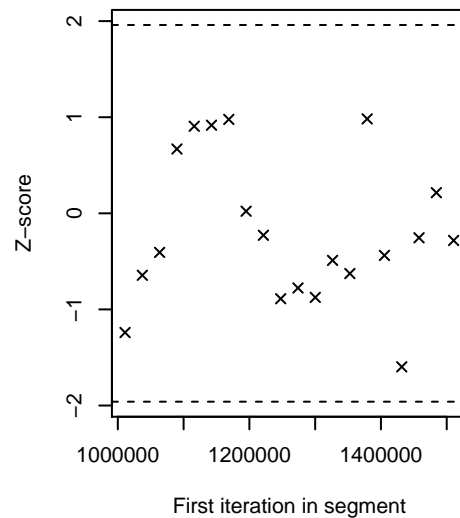
p[31,3] (chain3)



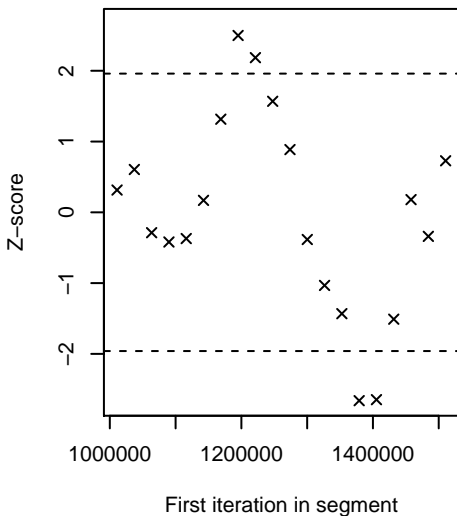
p[32,3] (chain3)



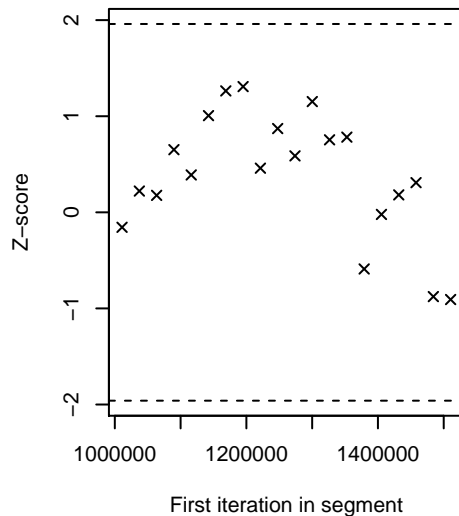
p[33,3] (chain3)



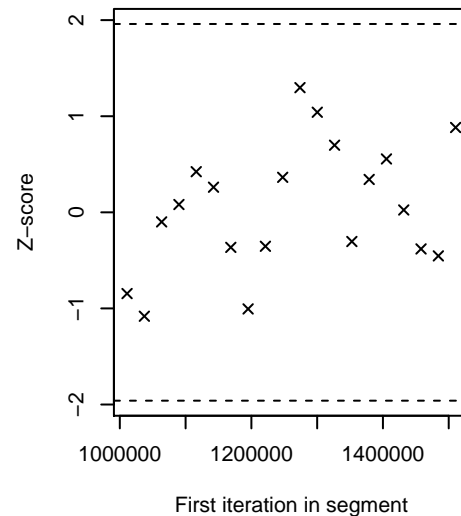
p[34,3] (chain3)



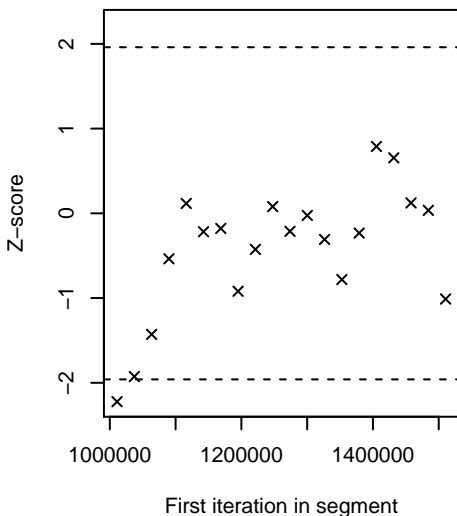
p[35,3] (chain3)



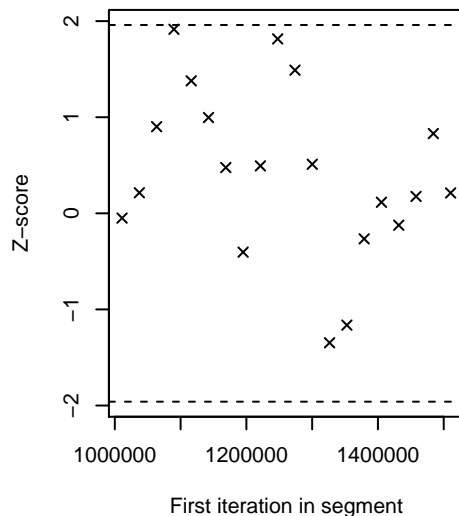
p[36,3] (chain3)



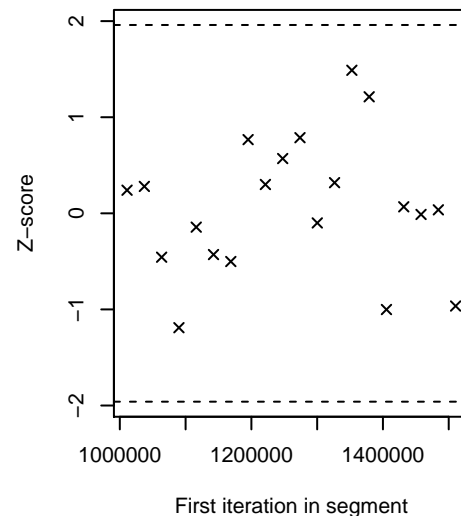
p[37,3] (chain3)



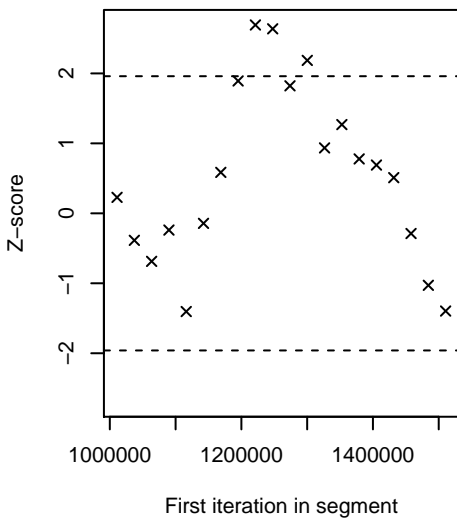
p[38,3] (chain3)



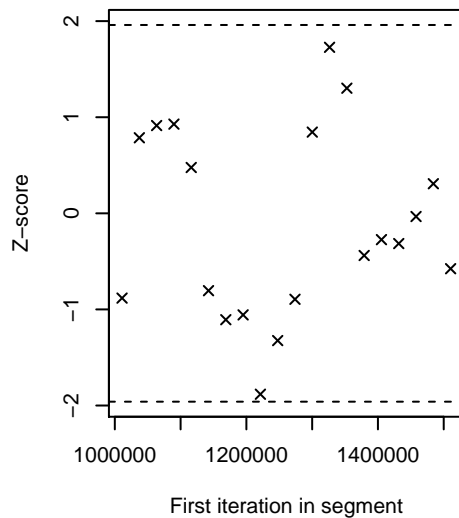
p[39,3] (chain3)



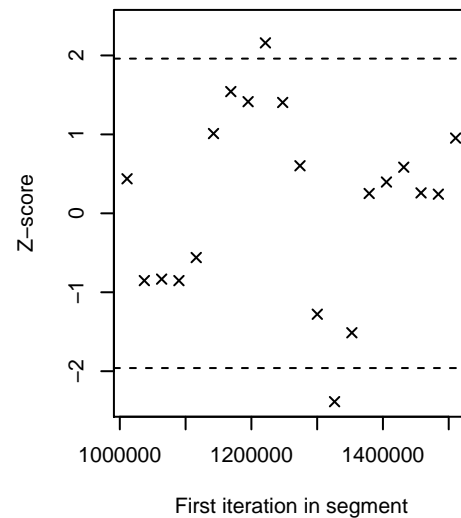
phi (chain3)



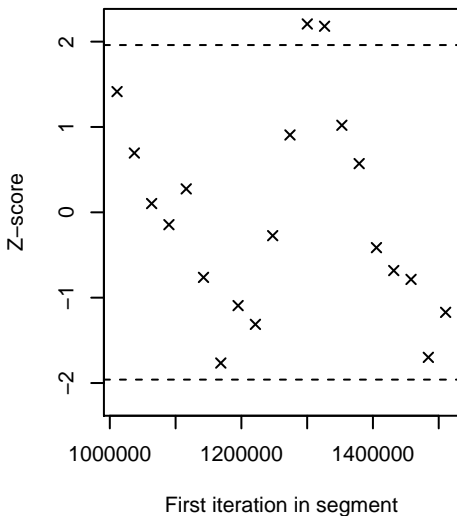
pi[1] (chain3)



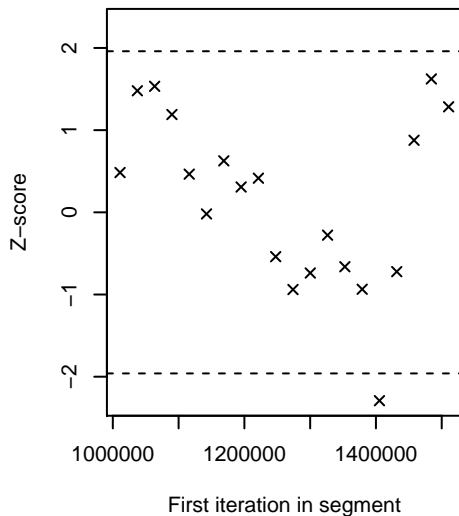
pi[2] (chain3)



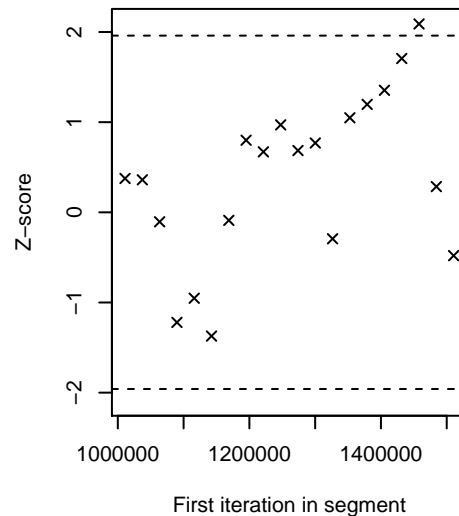
pi[3] (chain3)



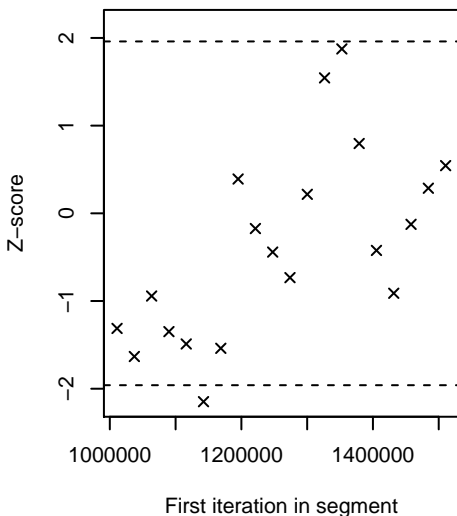
q[1,1] (chain3)



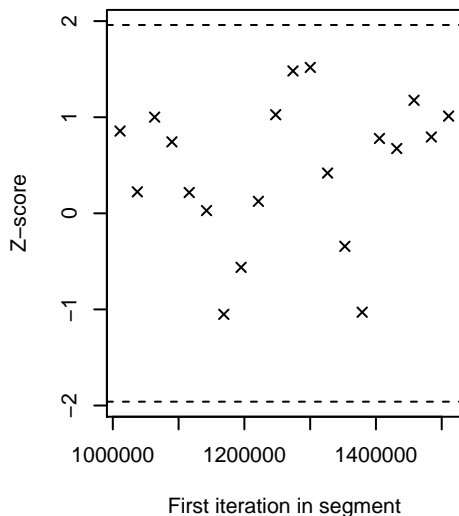
q[2,1] (chain3)



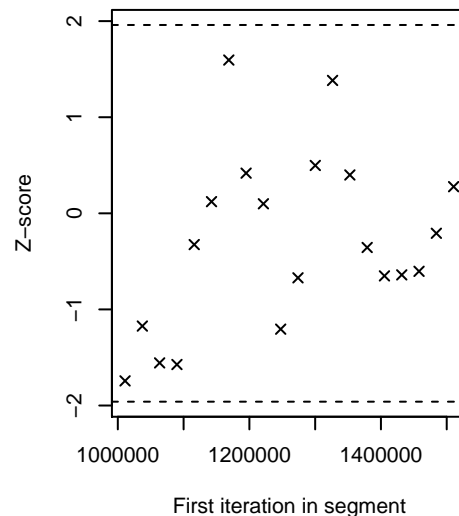
q[3,1] (chain3)



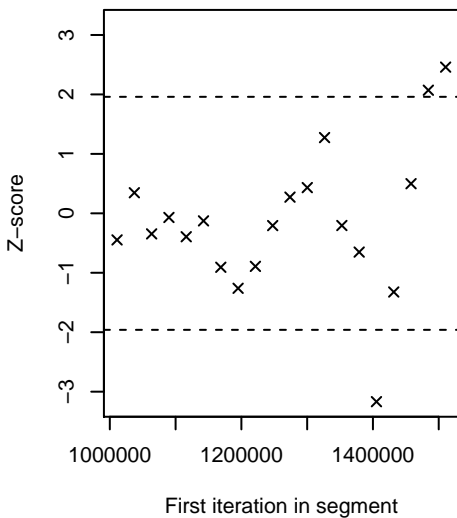
q[4,1] (chain3)



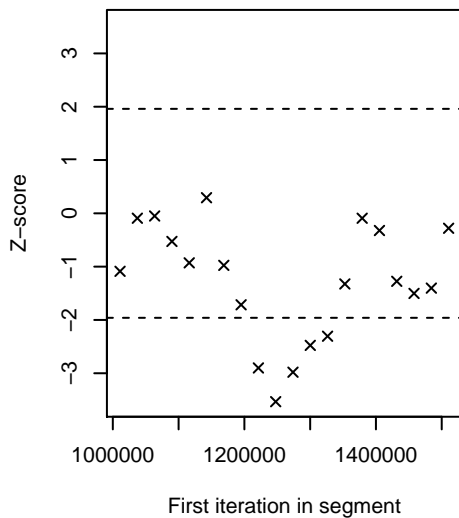
q[5,1] (chain3)



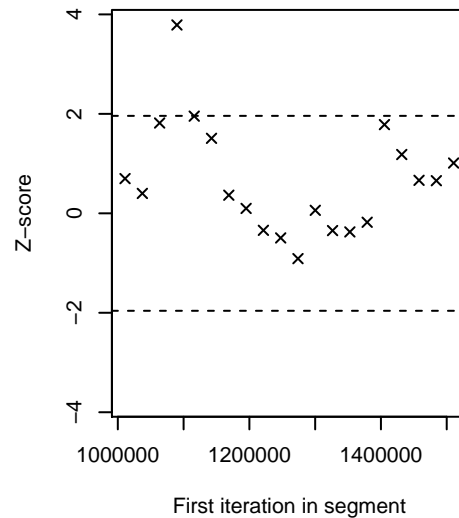
q[6,1] (chain3)



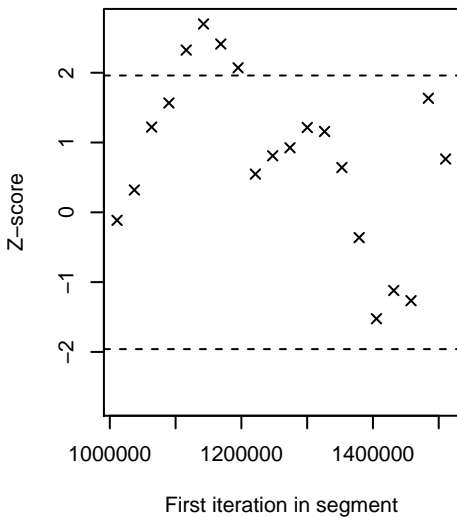
q[7,1] (chain3)



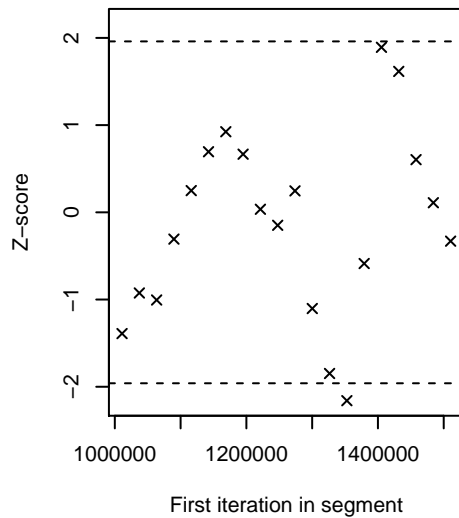
q[8,1] (chain3)



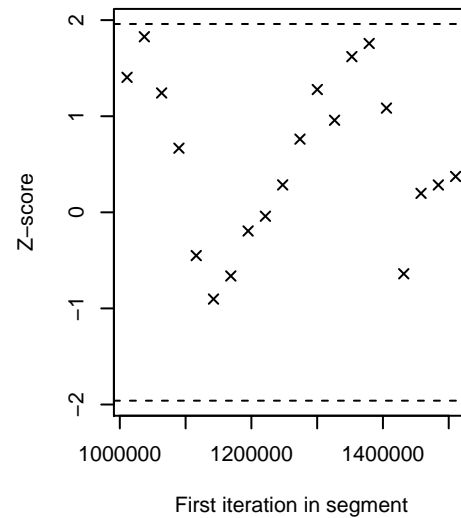
q[9,1] (chain3)



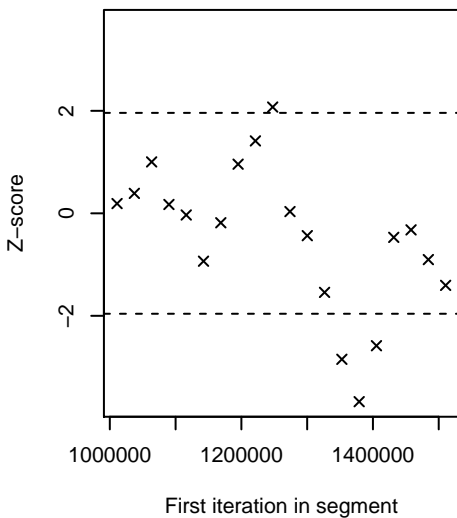
q[10,1] (chain3)



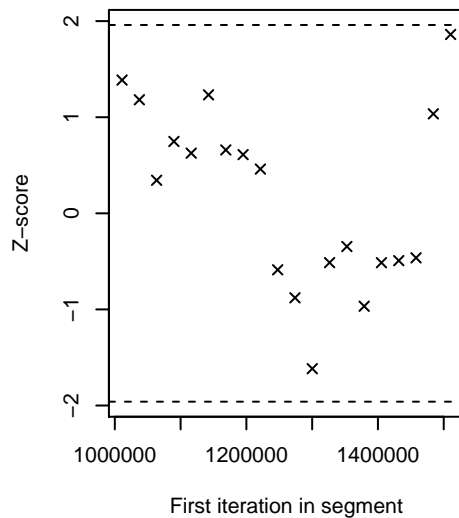
q[11,1] (chain3)



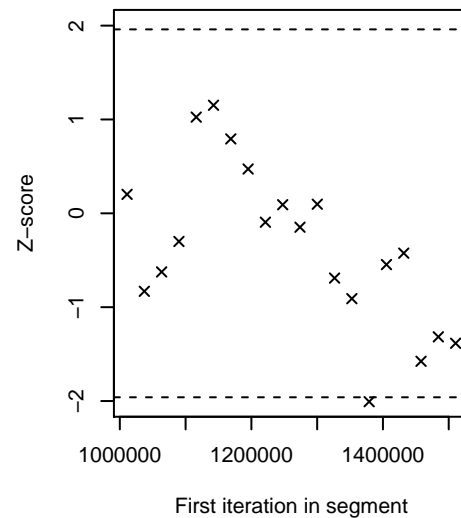
q[12,1] (chain3)



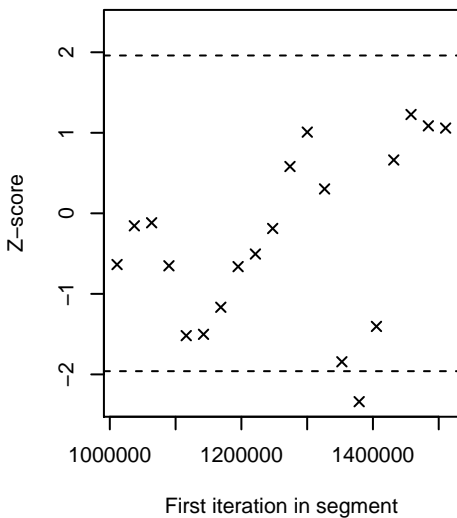
q[13,1] (chain3)



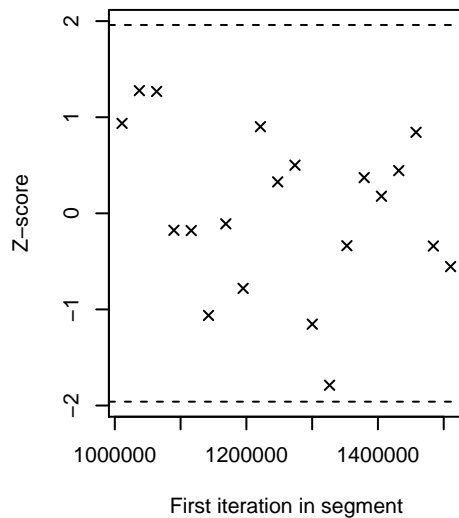
q[14,1] (chain3)



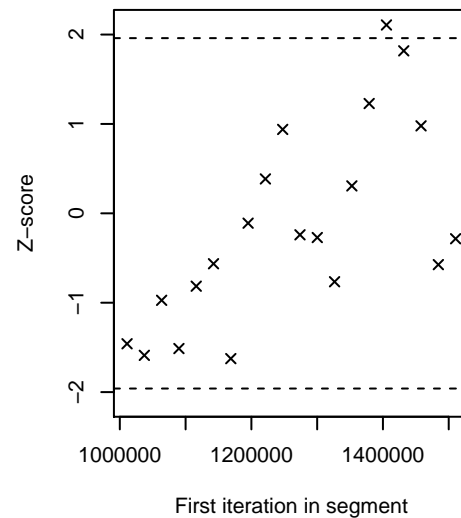
q[15,1] (chain3)



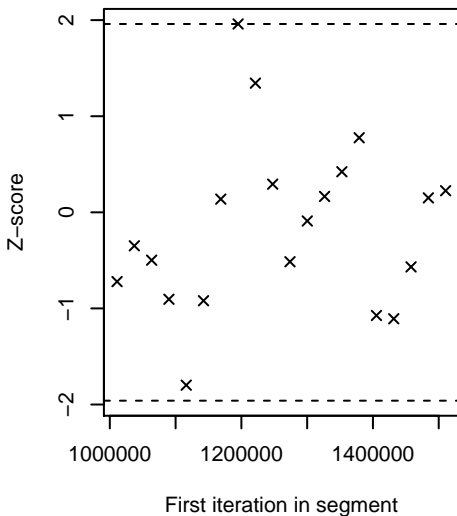
q[16,1] (chain3)



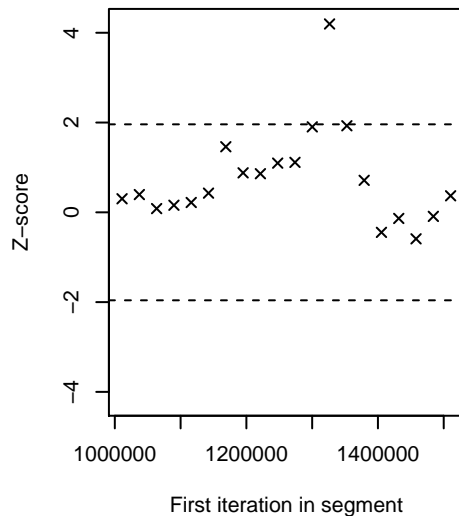
q[17,1] (chain3)



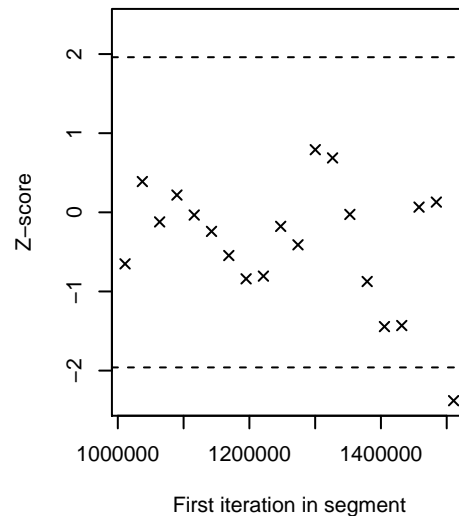
q[18,1] (chain3)



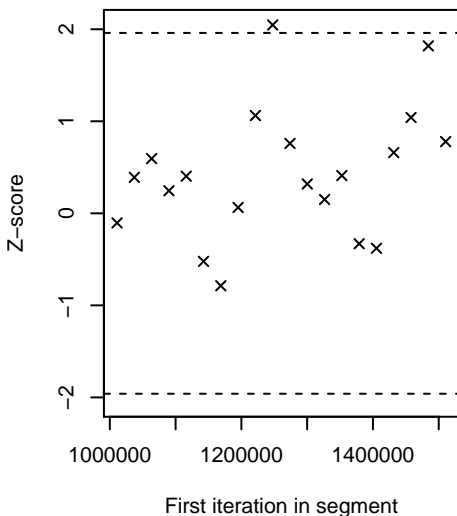
q[19,1] (chain3)



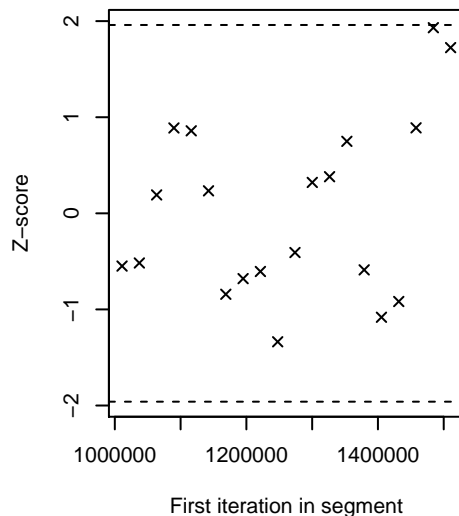
q[20,1] (chain3)



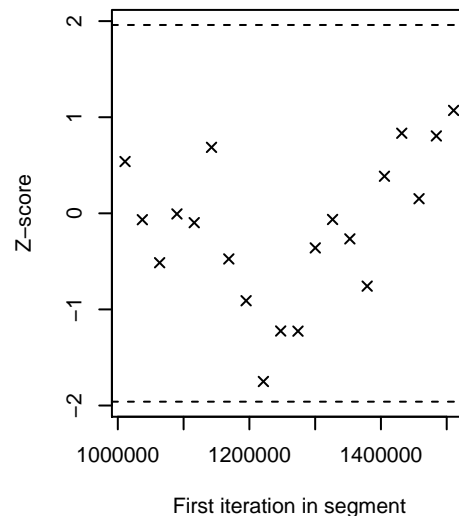
q[21,1] (chain3)



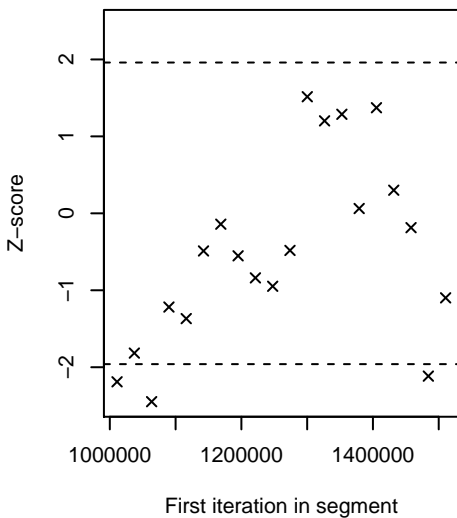
q[22,1] (chain3)



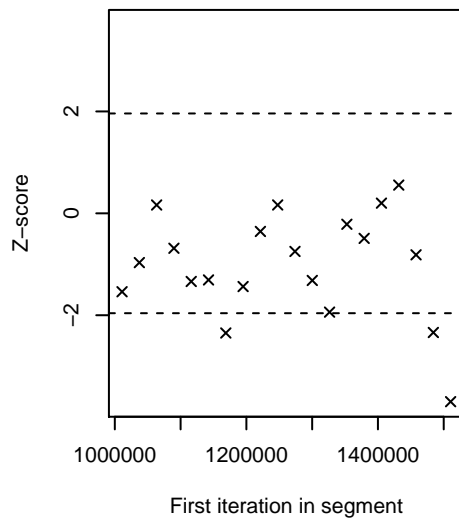
q[23,1] (chain3)



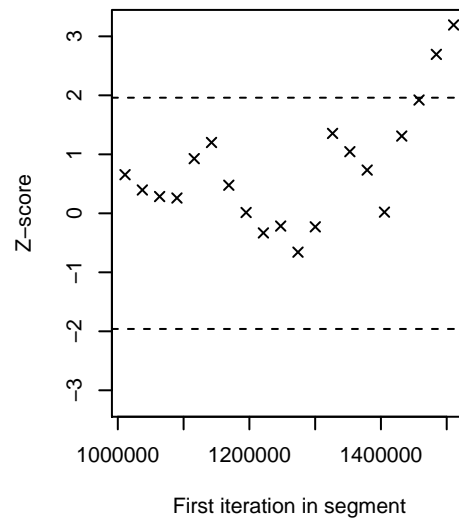
q[24,1] (chain3)



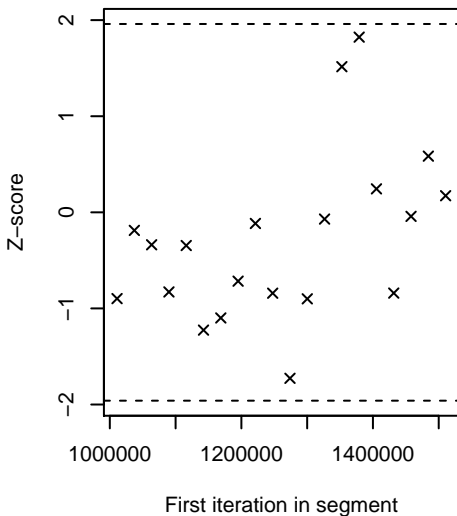
q[25,1] (chain3)



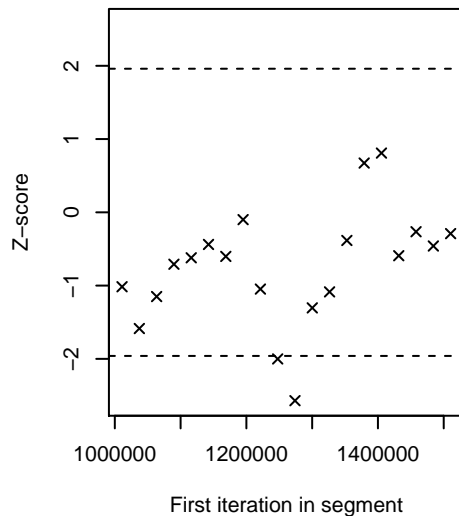
q[26,1] (chain3)



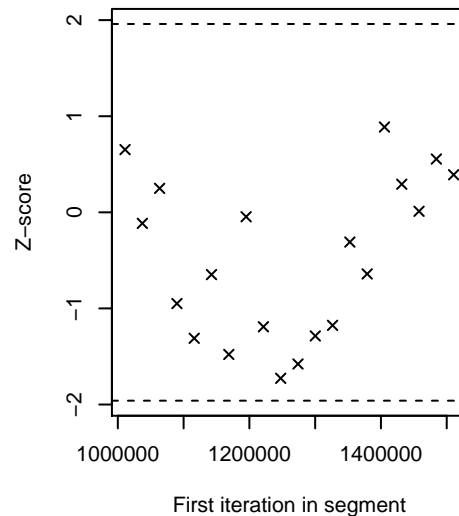
q[27,1] (chain3)



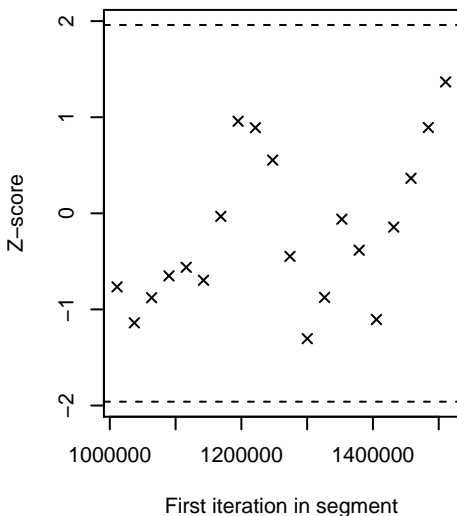
q[28,1] (chain3)



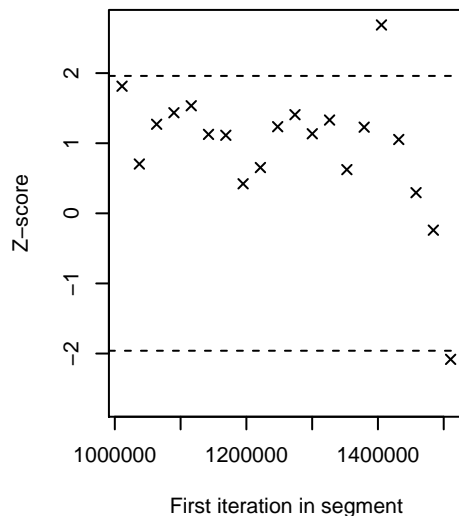
q[29,1] (chain3)



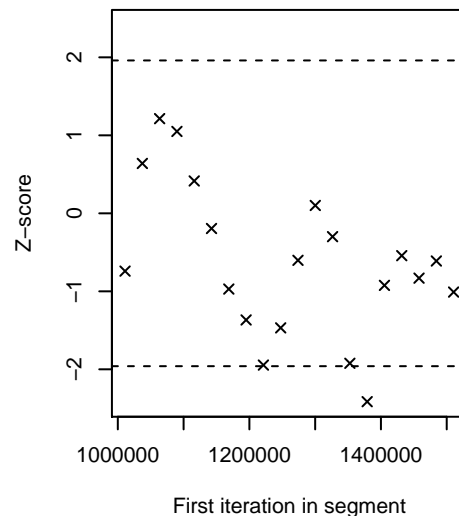
q[30,1] (chain3)



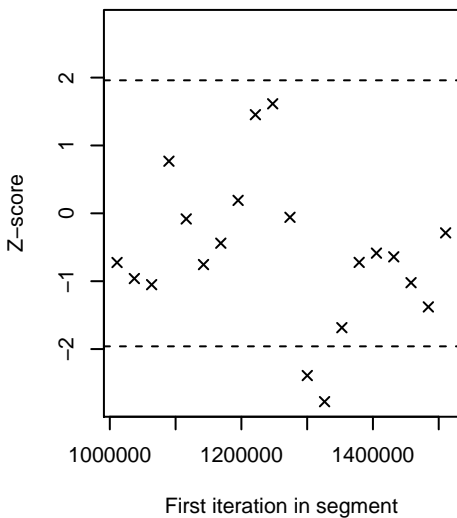
q[31,1] (chain3)



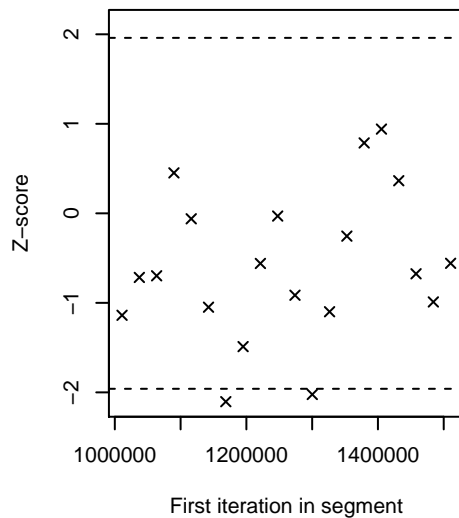
q[32,1] (chain3)



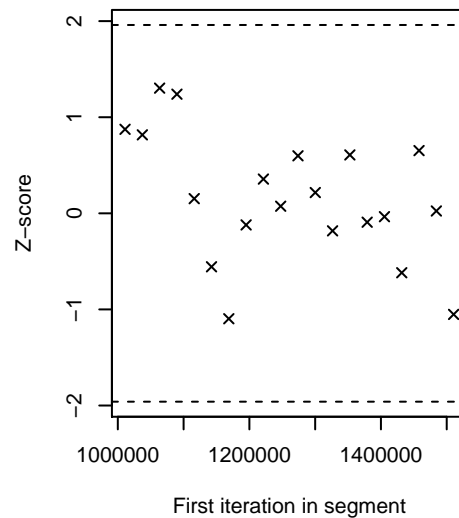
q[33,1] (chain3)



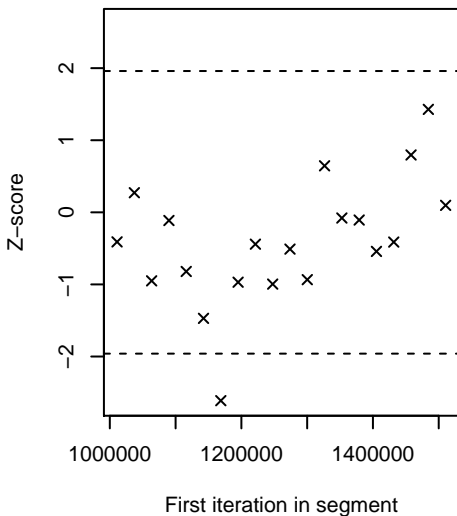
q[34,1] (chain3)



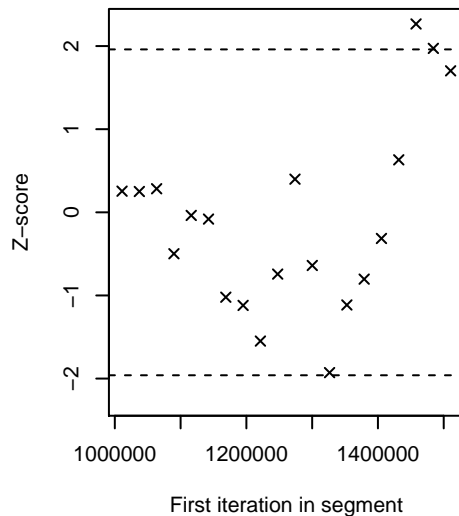
q[35,1] (chain3)



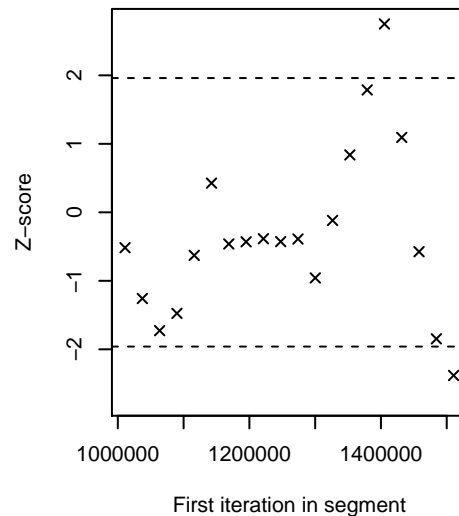
q[36,1] (chain3)



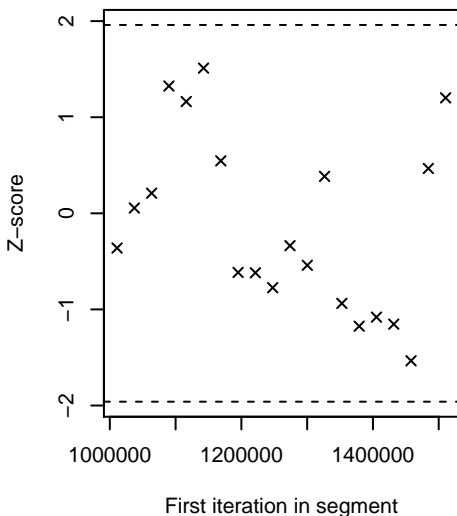
q[37,1] (chain3)



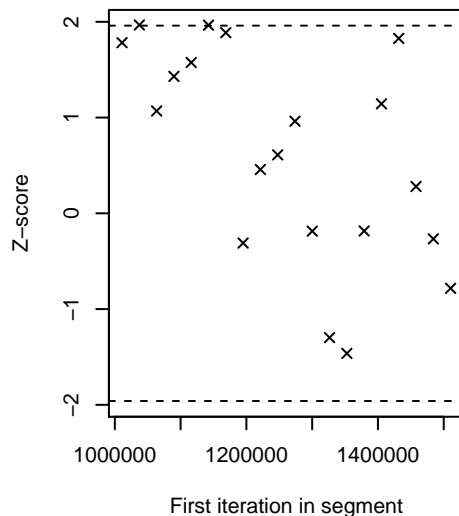
q[1,2] (chain3)



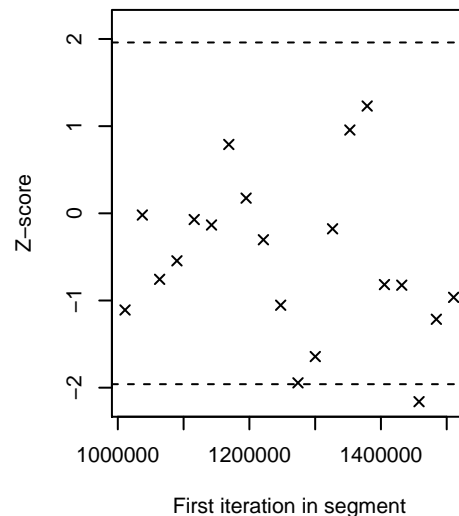
q[2,2] (chain3)



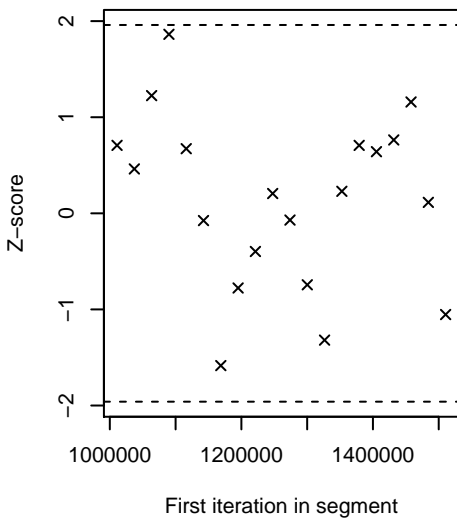
q[3,2] (chain3)



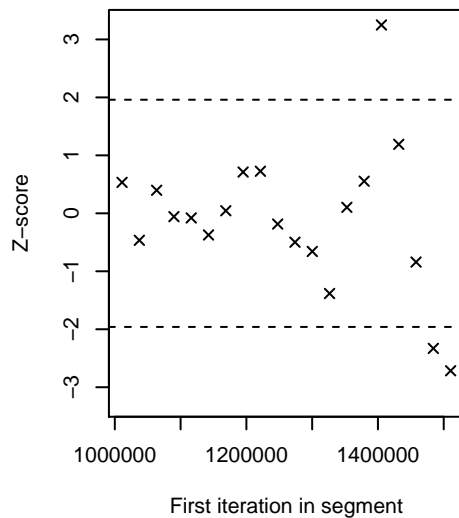
q[4,2] (chain3)



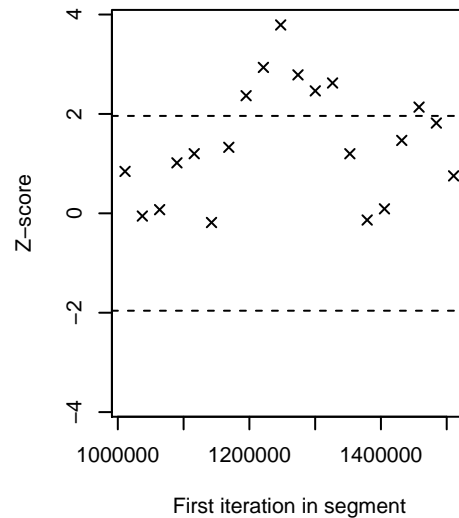
q[5,2] (chain3)



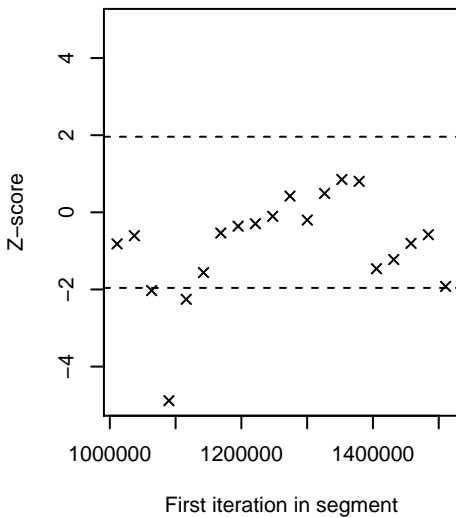
q[6,2] (chain3)



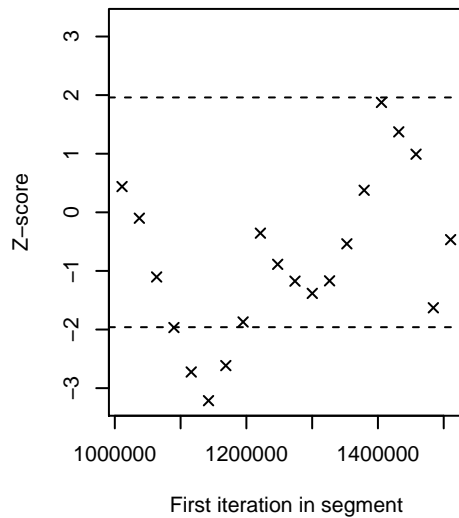
q[7,2] (chain3)



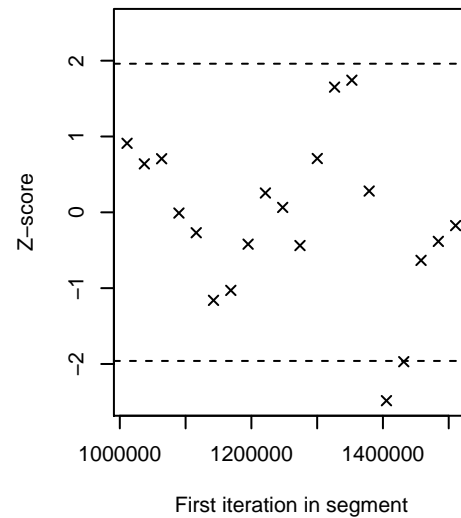
q[8,2] (chain3)



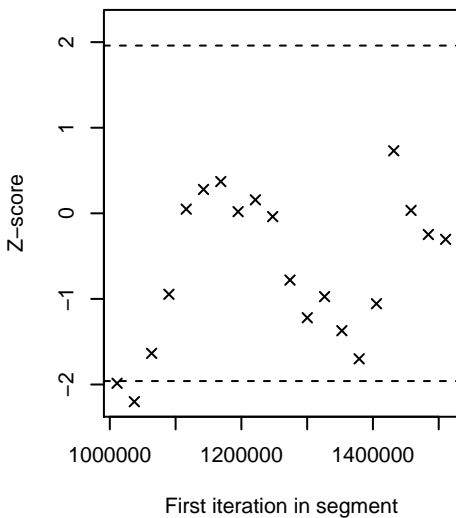
q[9,2] (chain3)



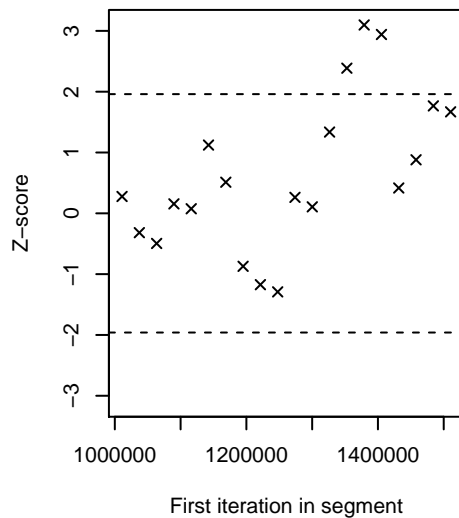
q[10,2] (chain3)



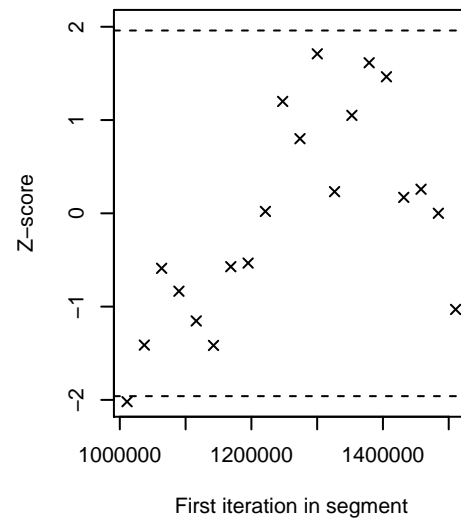
q[11,2] (chain3)



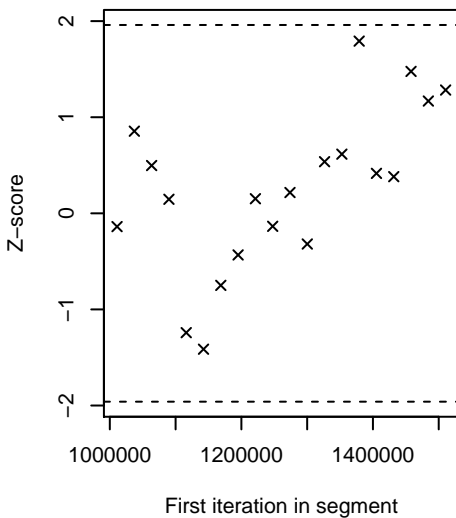
q[12,2] (chain3)



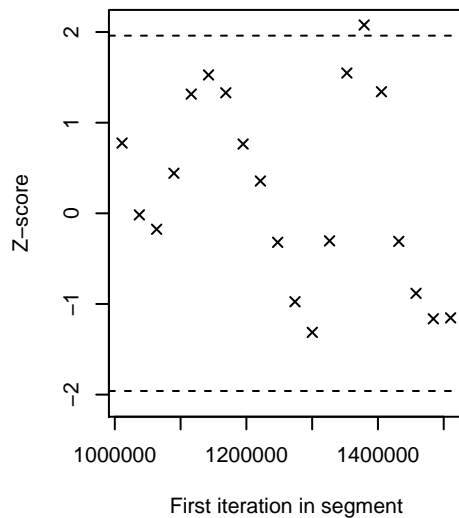
q[13,2] (chain3)



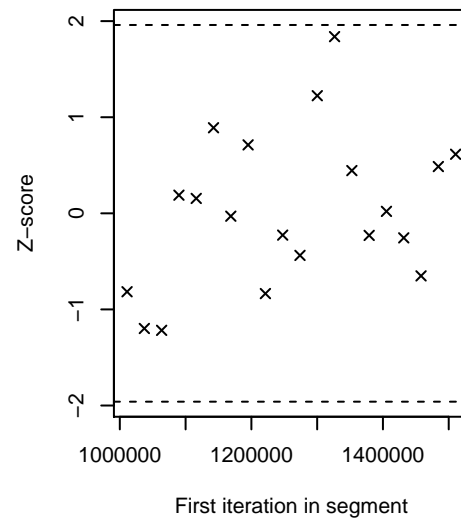
q[14,2] (chain3)



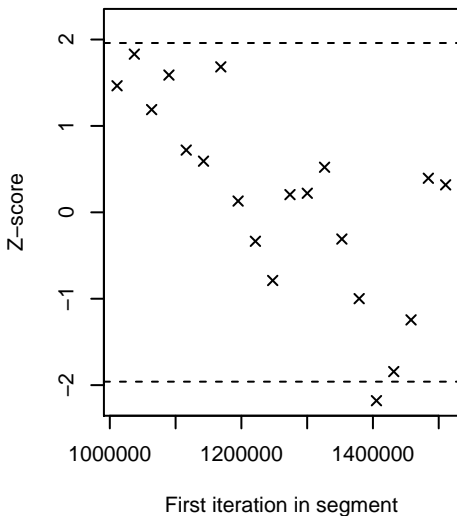
q[15,2] (chain3)



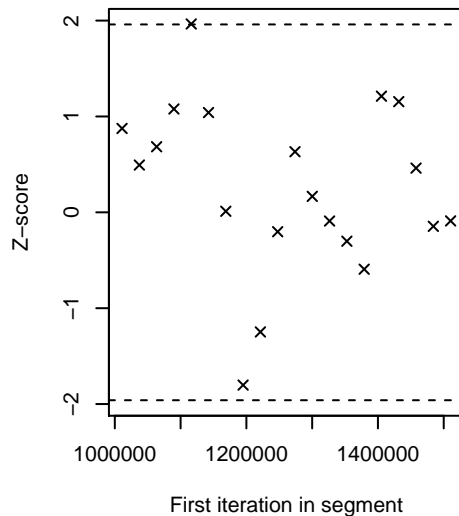
q[16,2] (chain3)



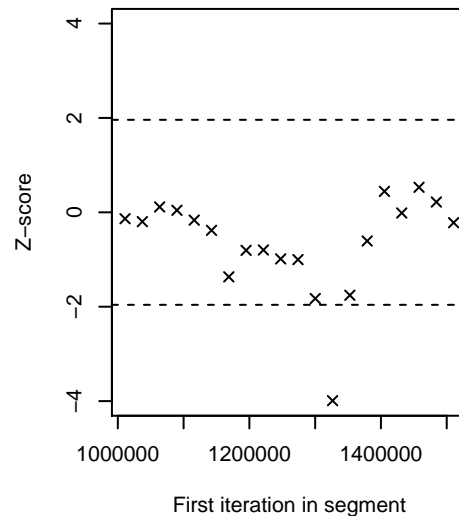
q[17,2] (chain3)



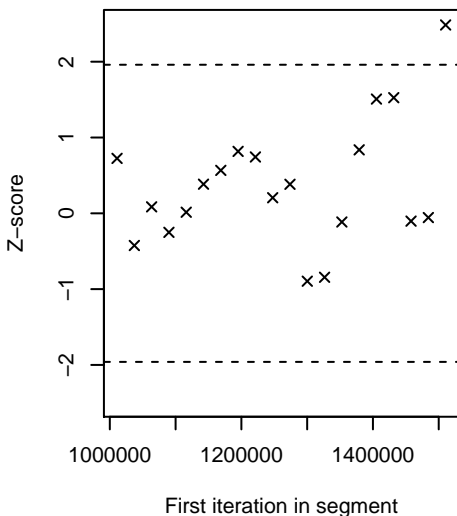
q[18,2] (chain3)



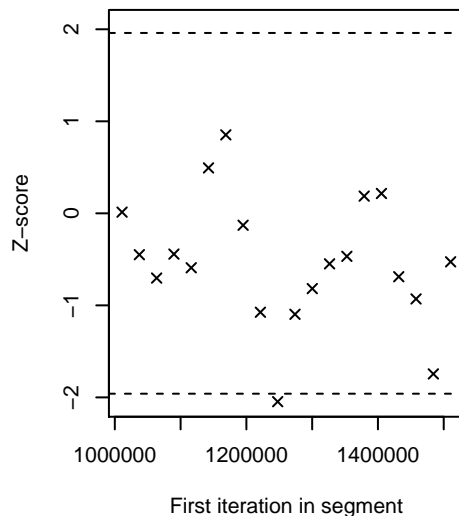
q[19,2] (chain3)



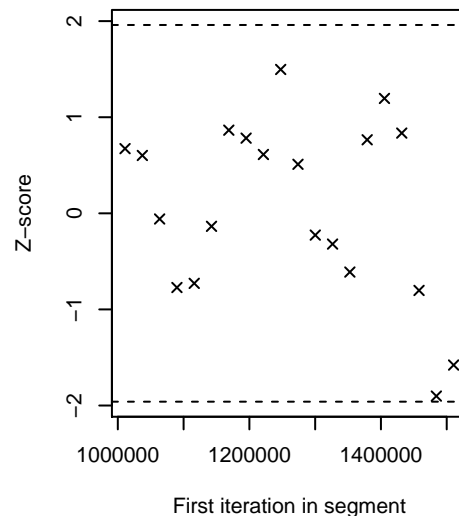
q[20,2] (chain3)



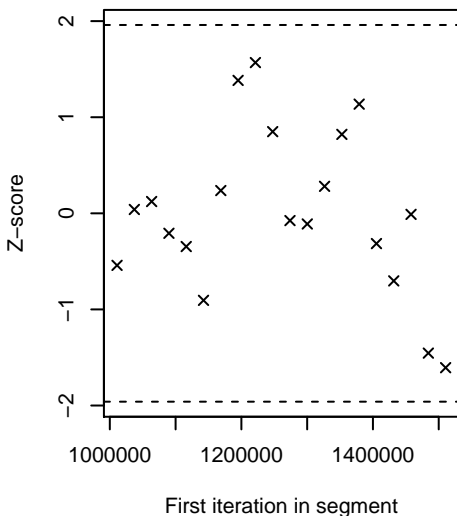
q[21,2] (chain3)



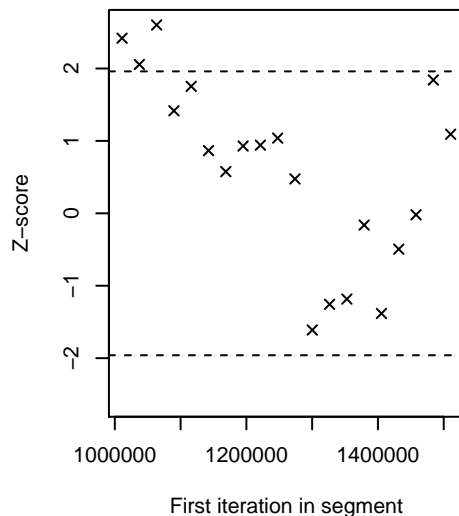
q[22,2] (chain3)



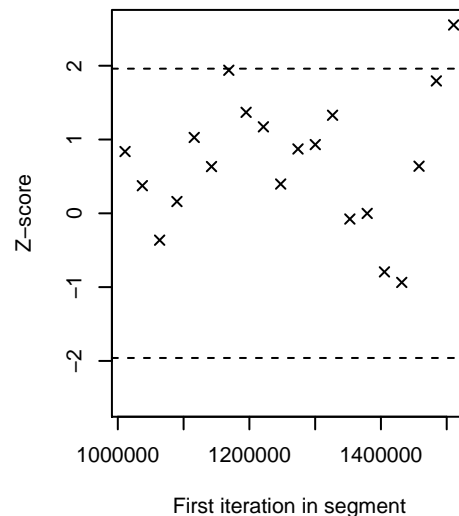
q[23,2] (chain3)



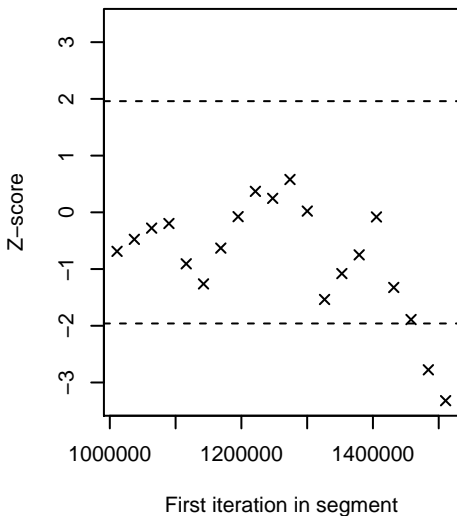
q[24,2] (chain3)



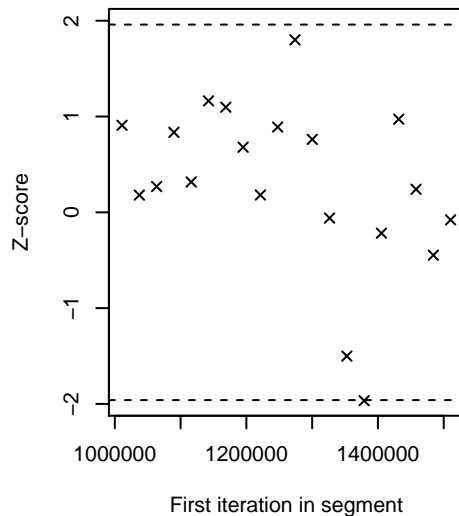
q[25,2] (chain3)



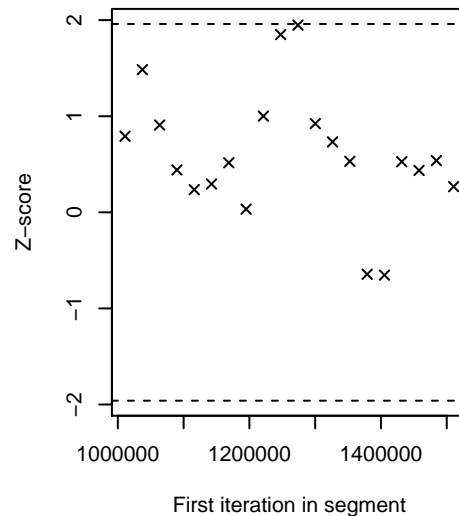
q[26,2] (chain3)



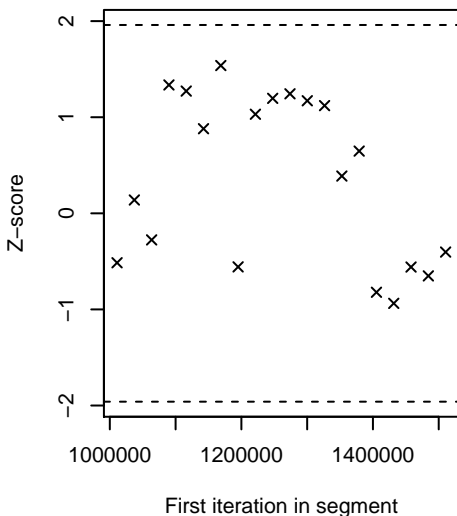
q[27,2] (chain3)



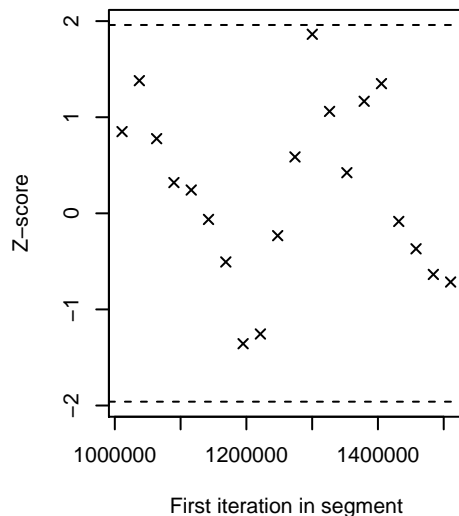
q[28,2] (chain3)



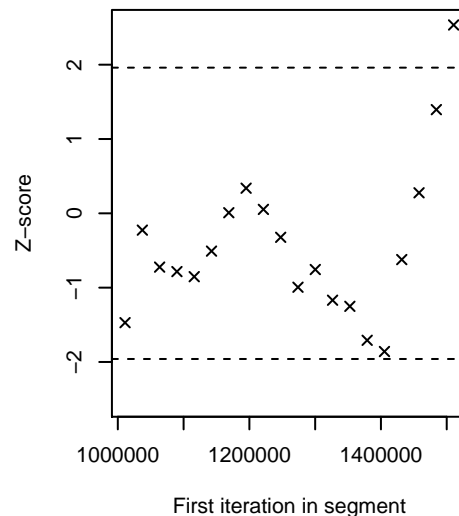
q[29,2] (chain3)



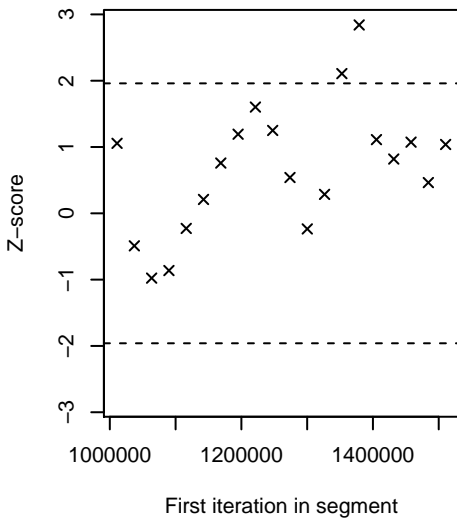
q[30,2] (chain3)



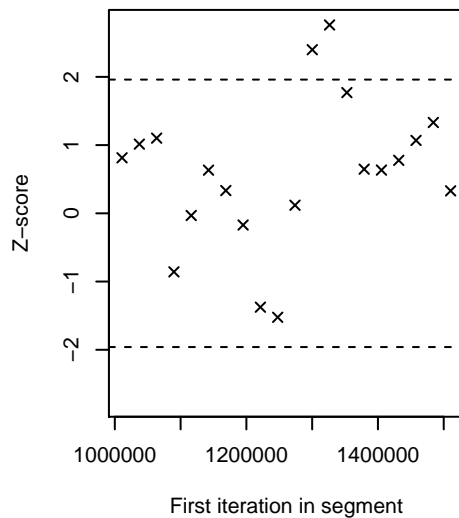
q[31,2] (chain3)



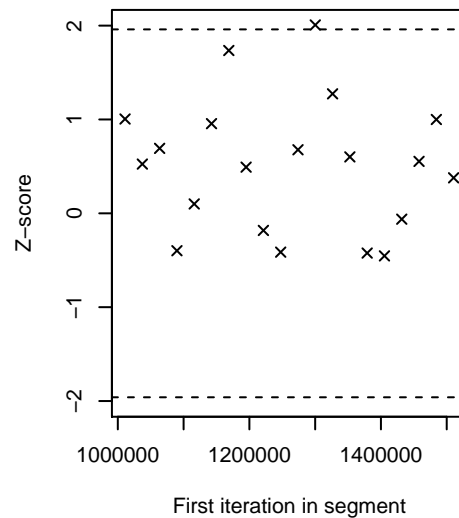
q[32,2] (chain3)



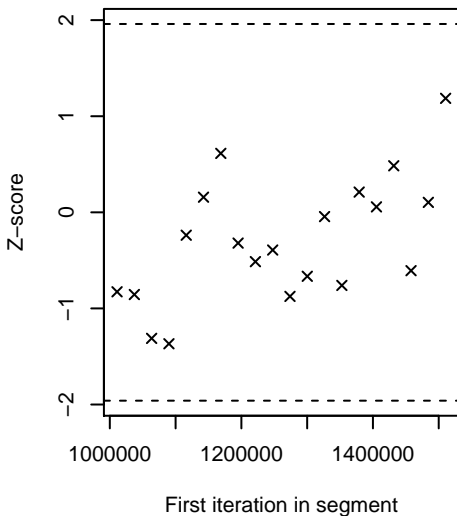
q[33,2] (chain3)



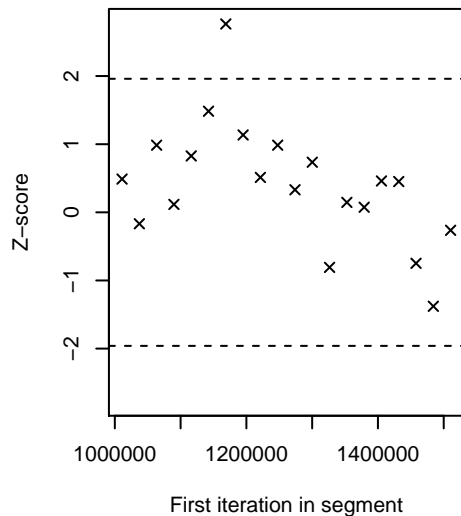
q[34,2] (chain3)



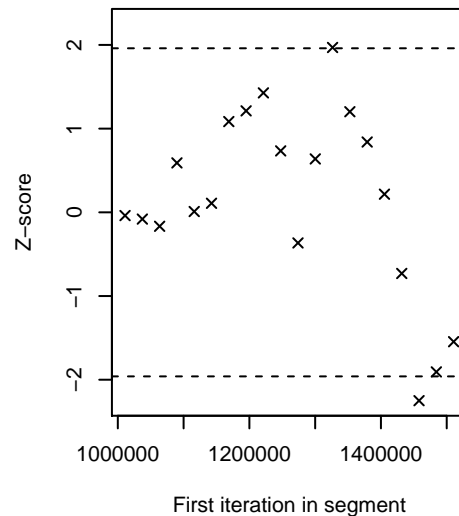
q[35,2] (chain3)



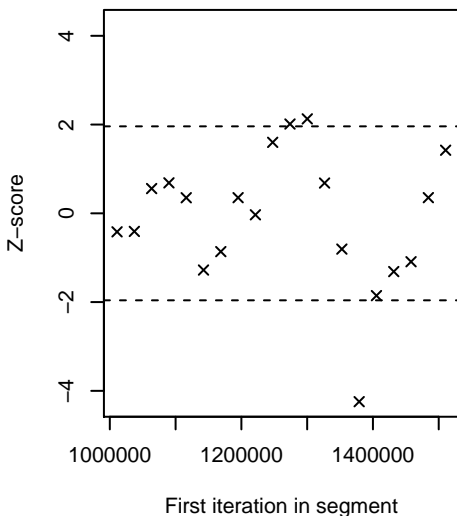
q[36,2] (chain3)



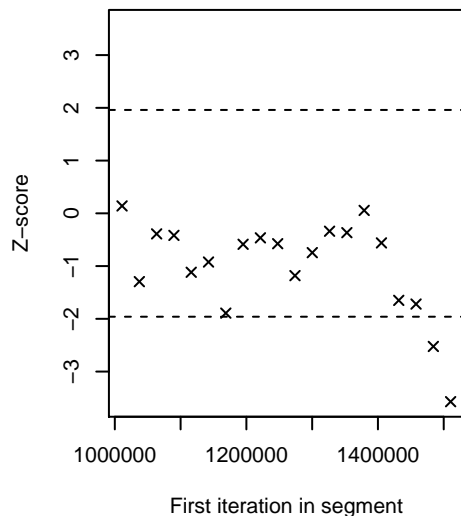
q[37,2] (chain3)



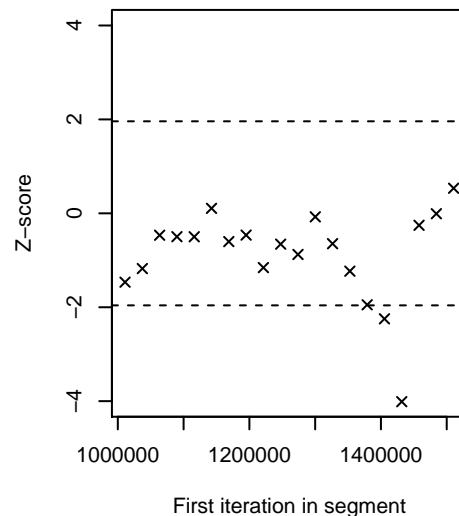
q[1,3] (chain3)



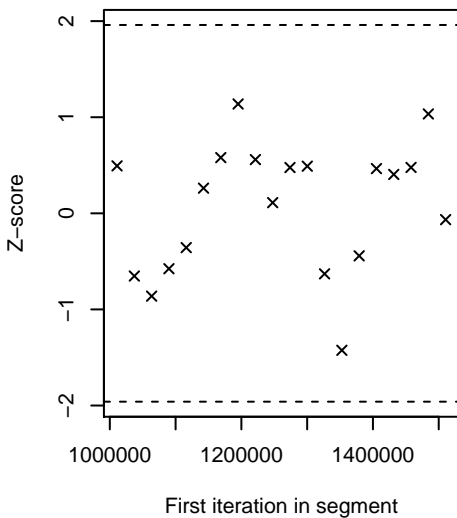
q[2,3] (chain3)



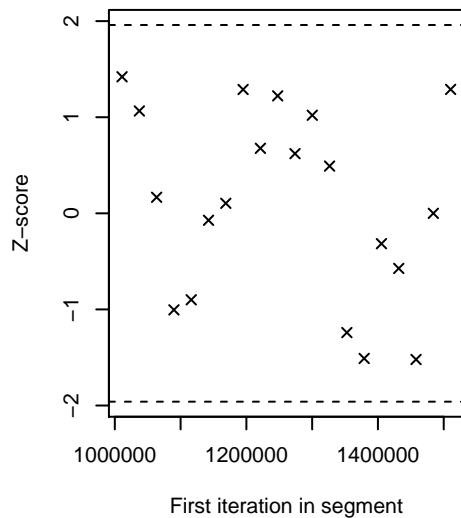
q[3,3] (chain3)



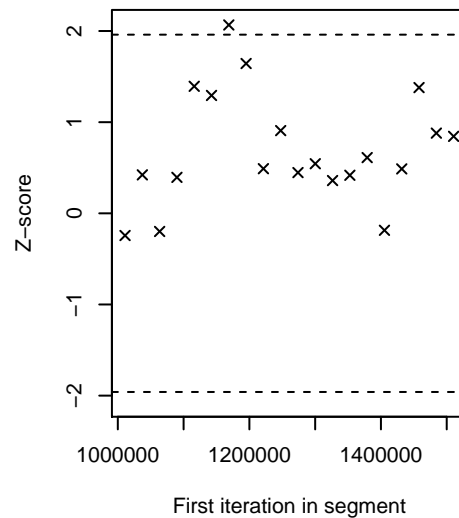
q[4,3] (chain3)



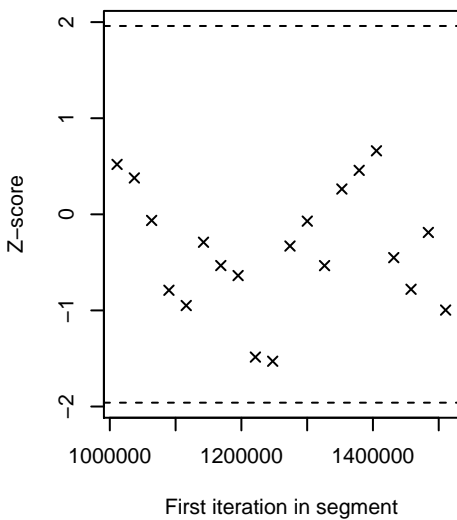
q[5,3] (chain3)



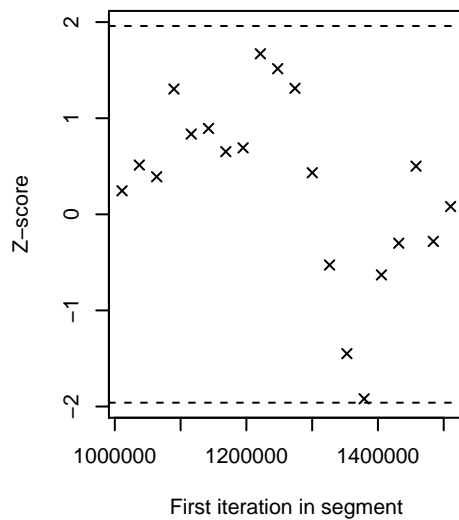
q[6,3] (chain3)



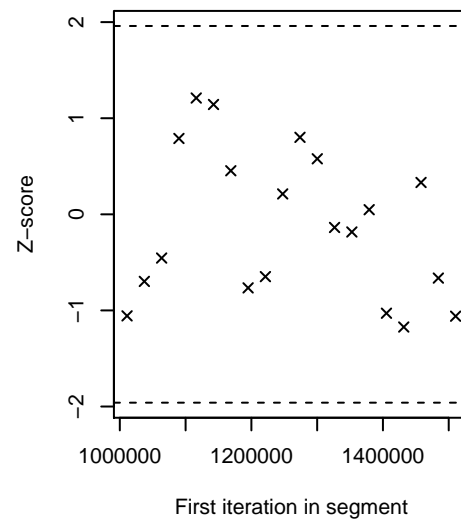
q[7,3] (chain3)



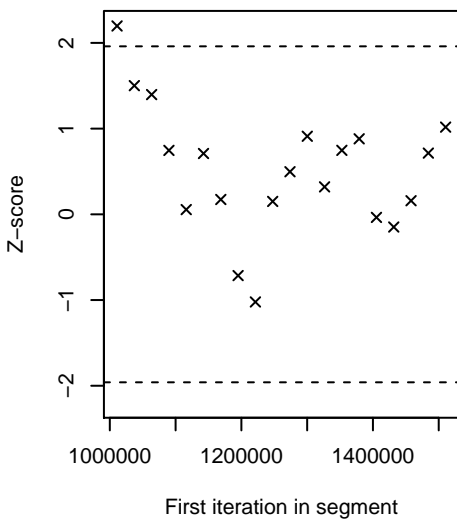
q[8,3] (chain3)



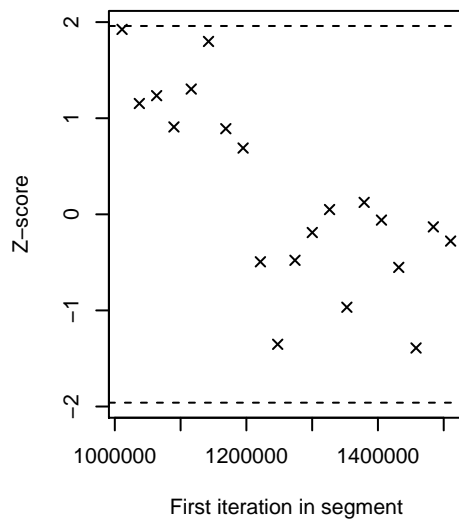
q[9,3] (chain3)



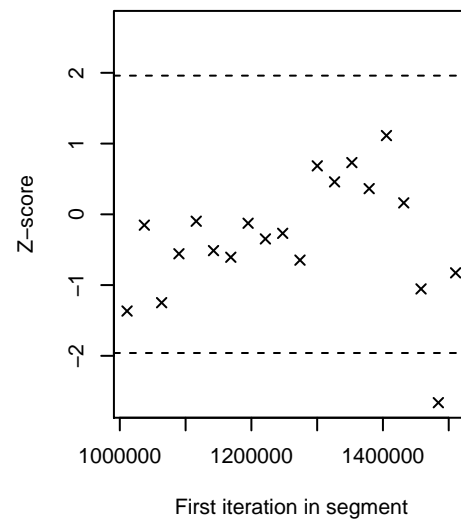
q[10,3] (chain3)



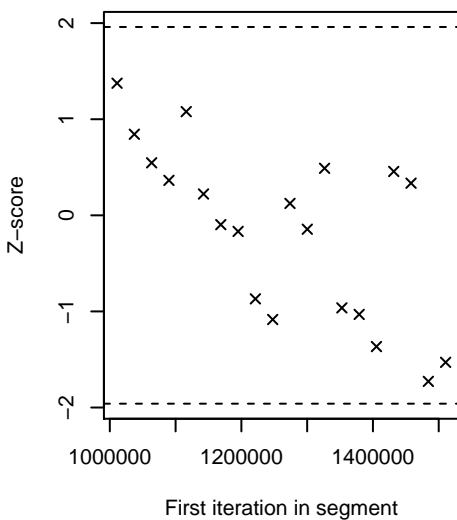
q[11,3] (chain3)



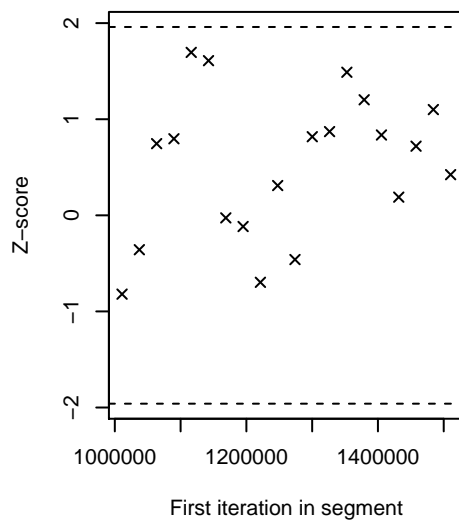
q[12,3] (chain3)



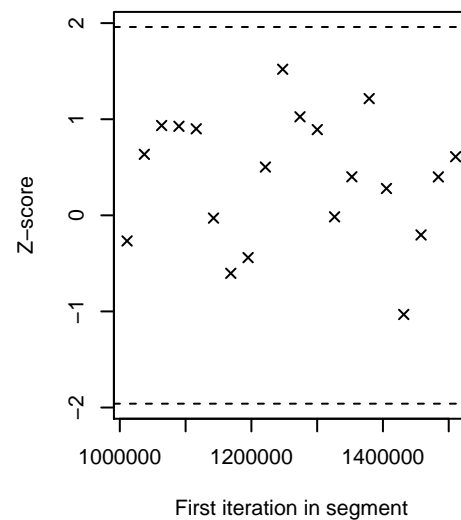
q[13,3] (chain3)



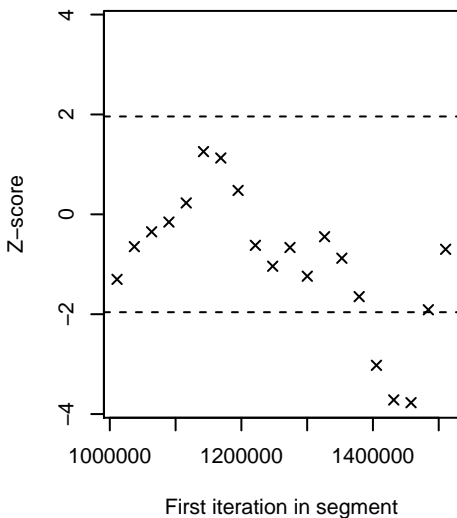
q[14,3] (chain3)



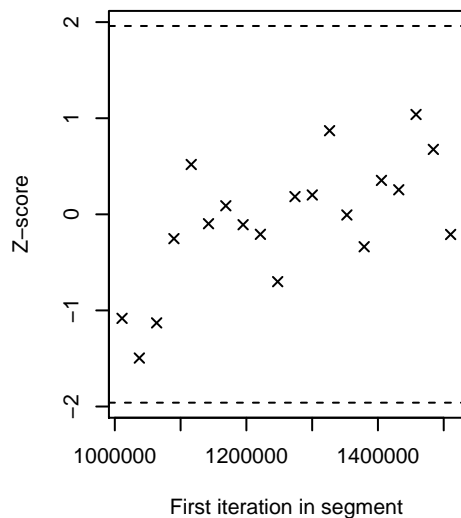
q[15,3] (chain3)



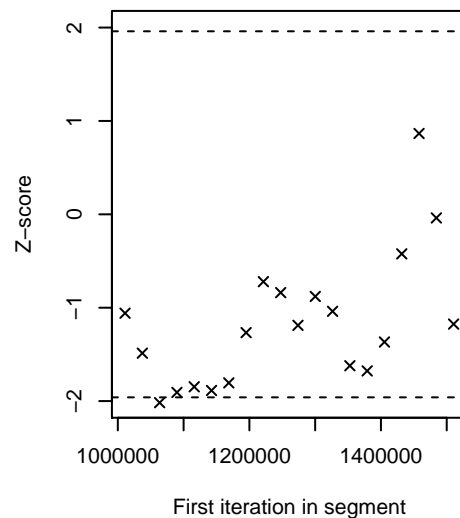
q[16,3] (chain3)



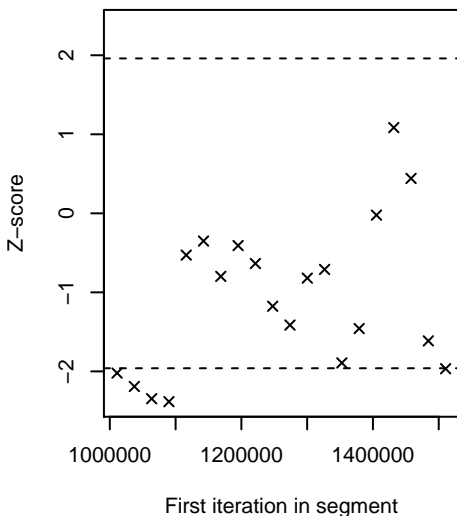
q[17,3] (chain3)



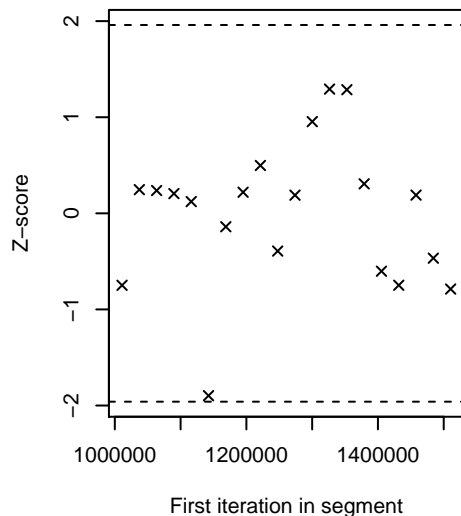
q[18,3] (chain3)



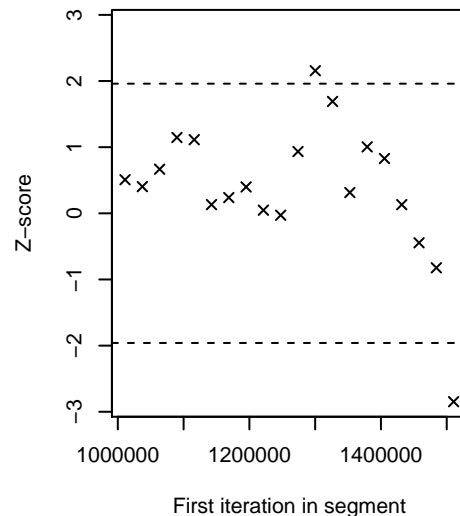
q[19,3] (chain3)



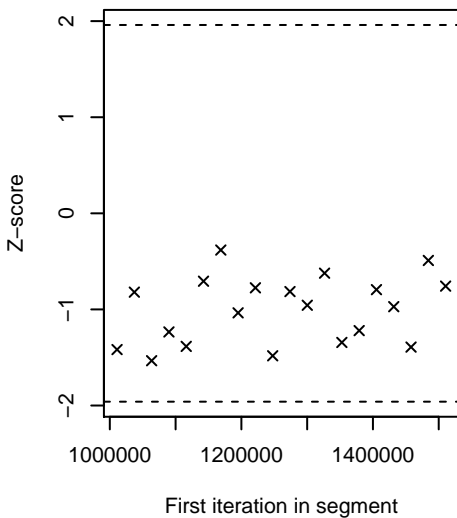
q[20,3] (chain3)



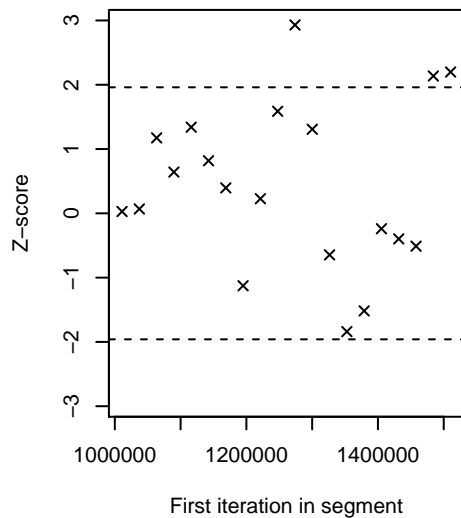
q[21,3] (chain3)



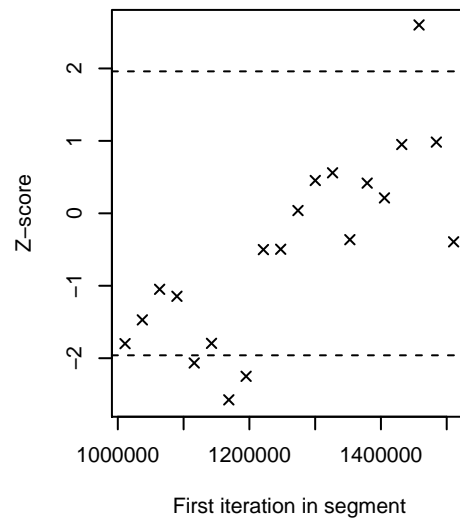
q[22,3] (chain3)



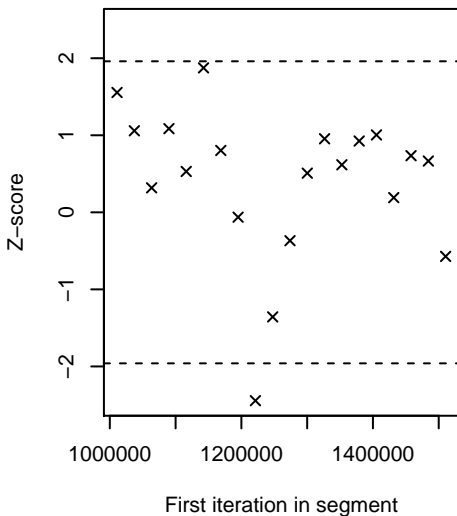
q[23,3] (chain3)



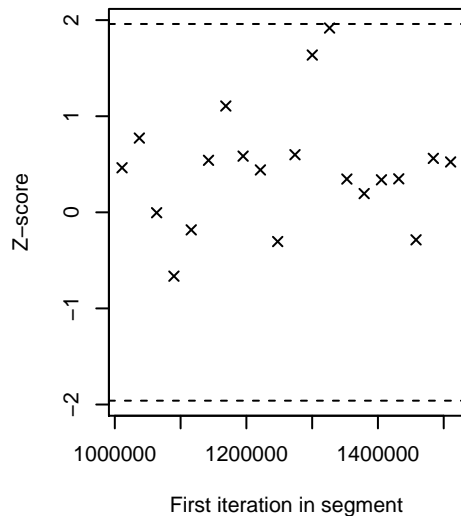
q[24,3] (chain3)



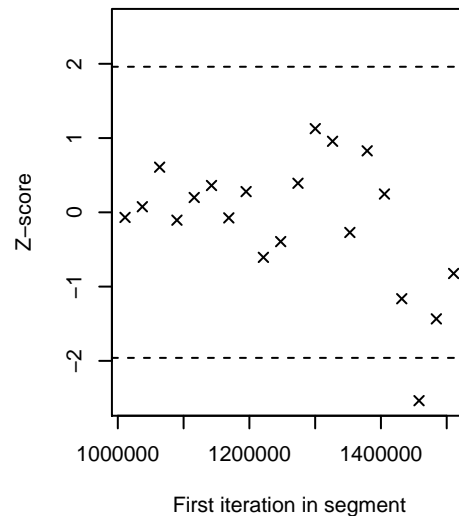
q[25,3] (chain3)



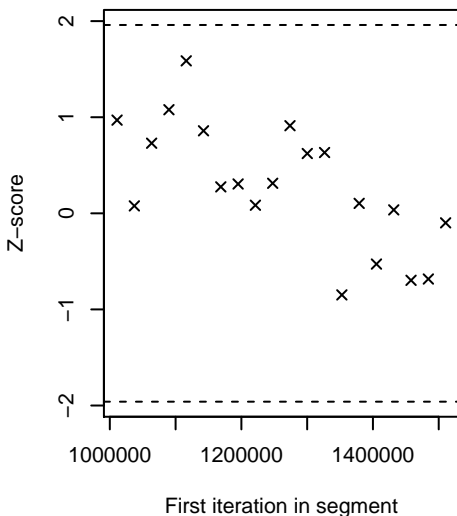
q[26,3] (chain3)



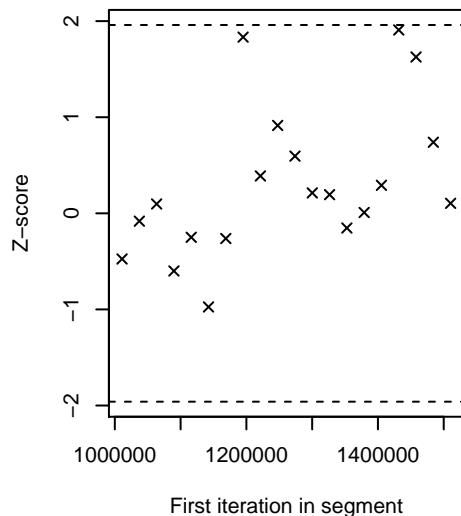
q[27,3] (chain3)



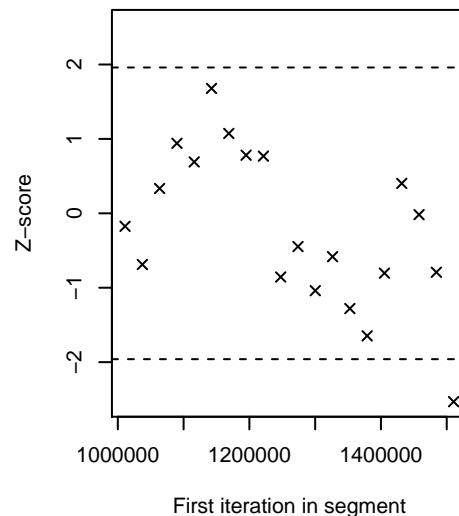
q[28,3] (chain3)



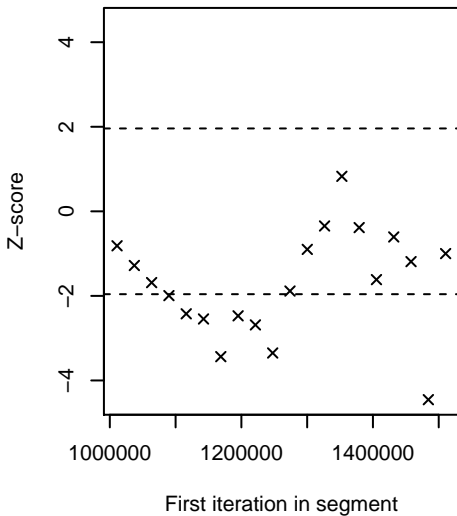
q[29,3] (chain3)



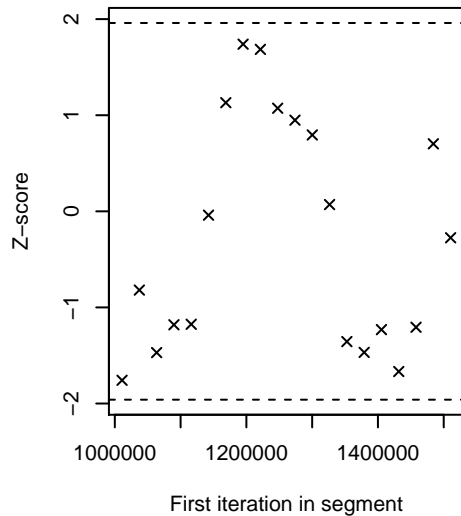
q[30,3] (chain3)



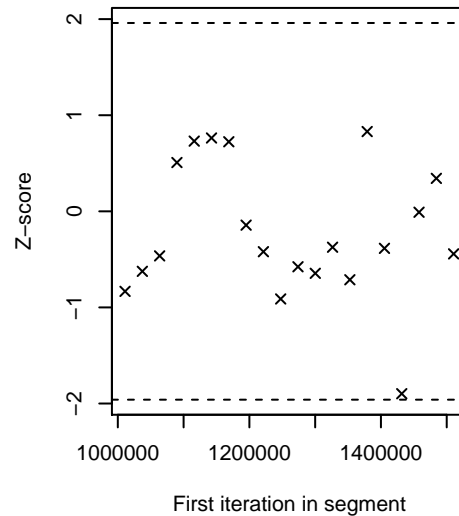
q[31,3] (chain3)



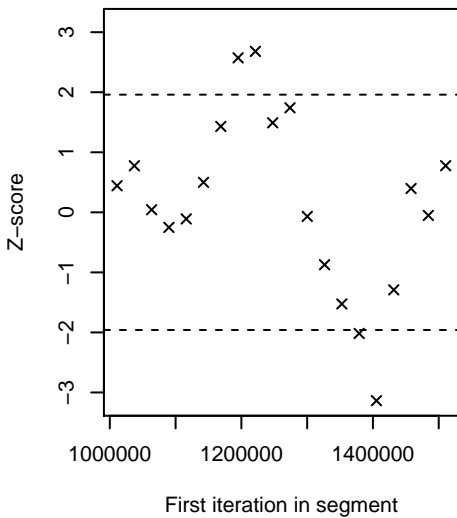
q[32,3] (chain3)



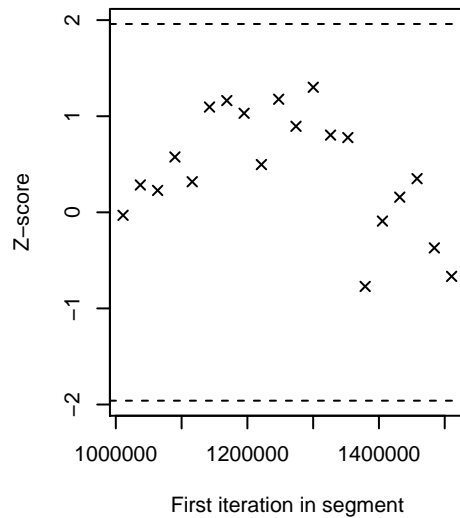
q[33,3] (chain3)



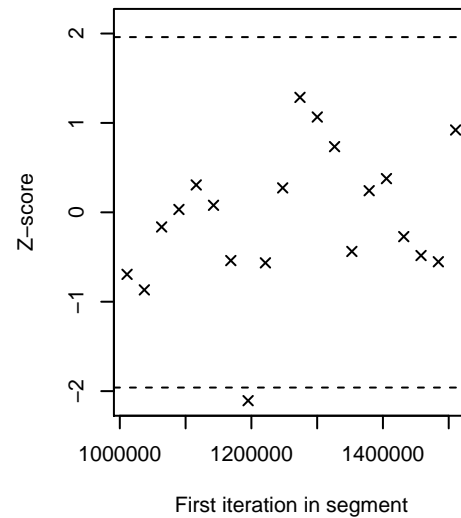
q[34,3] (chain3)



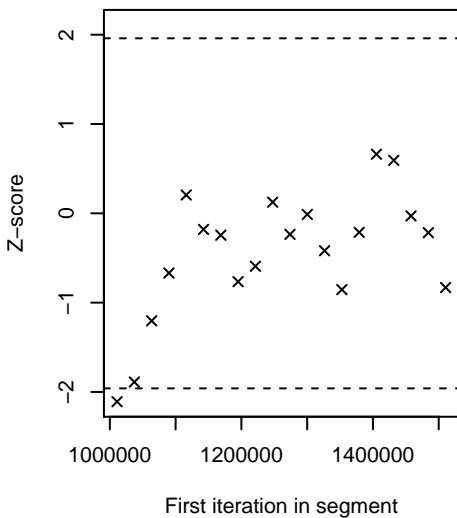
q[35,3] (chain3)



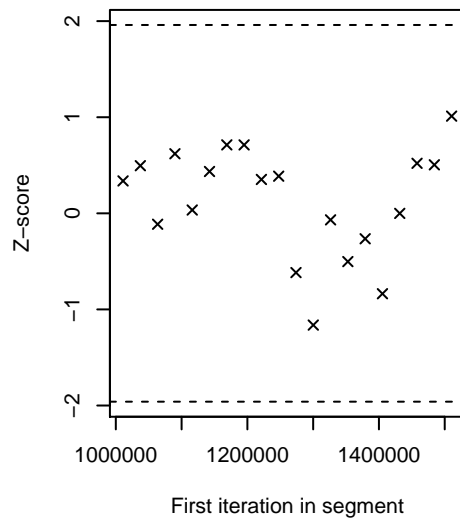
q[36,3] (chain3)



q[37,3] (chain3)



sigma.R (chain3)



sigma.R0 (chain3)

