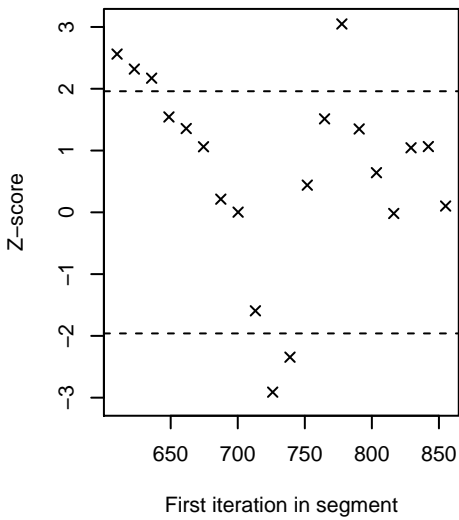
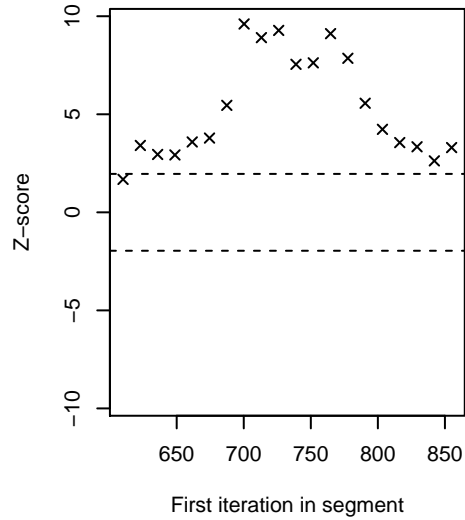
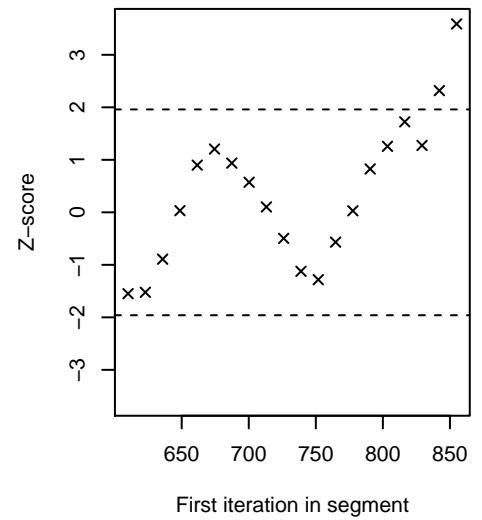
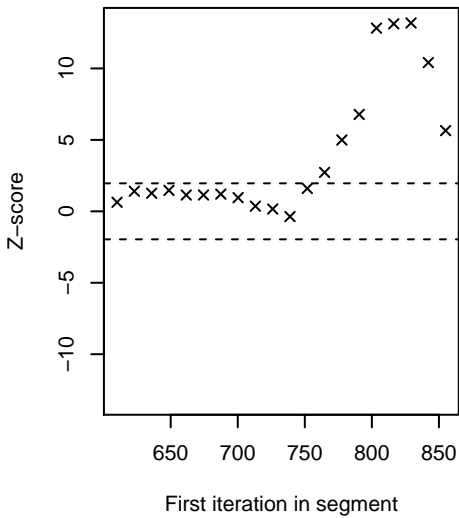
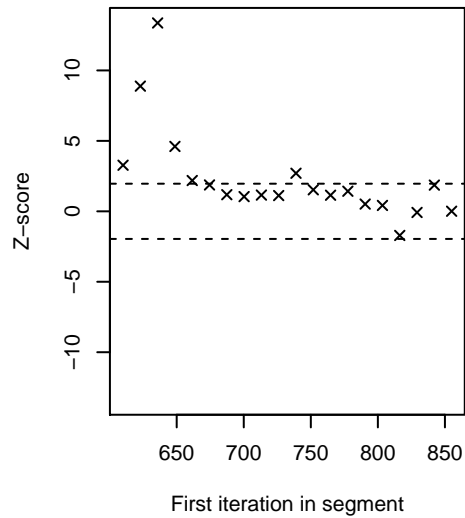
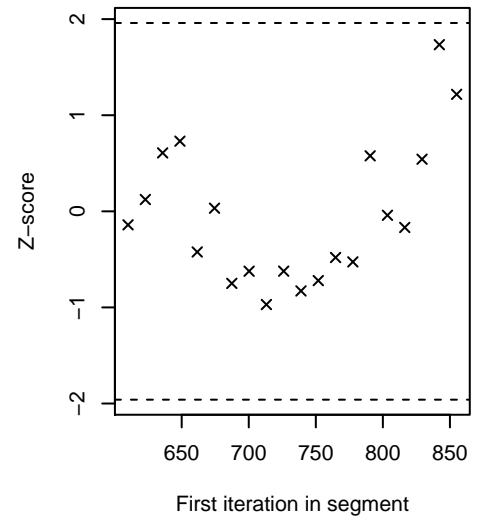
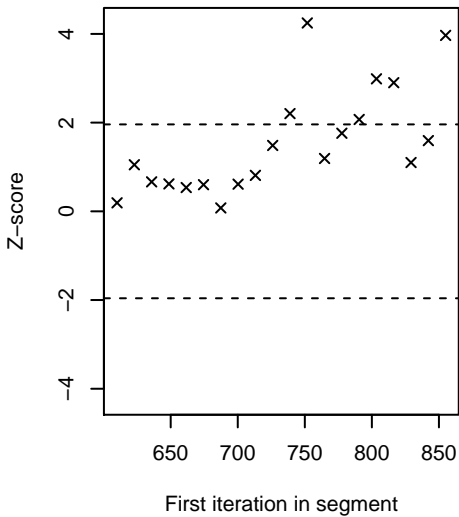
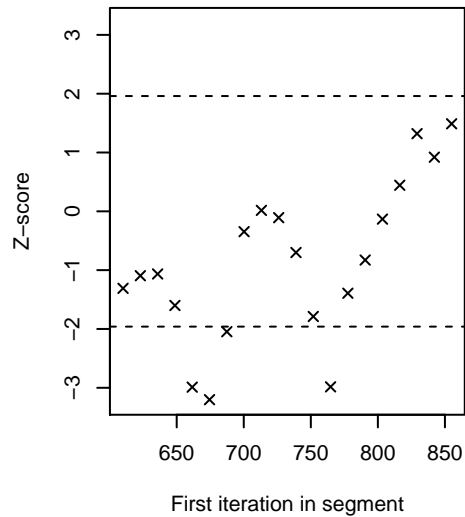
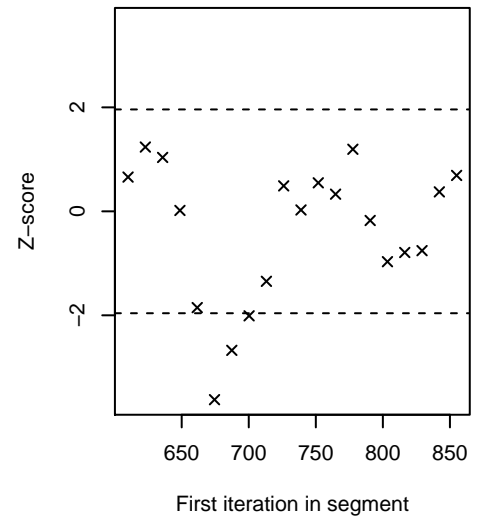
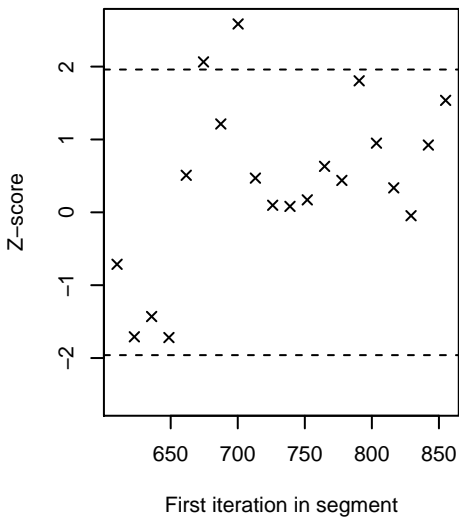
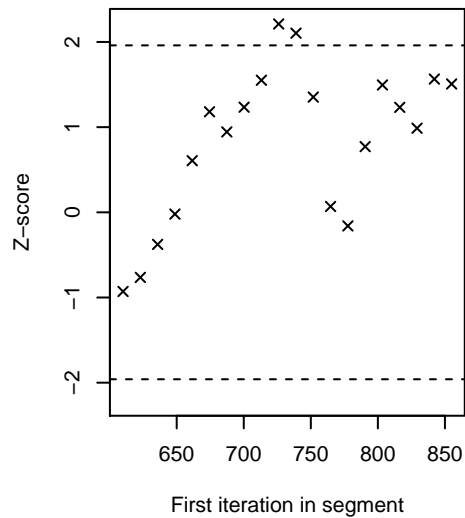
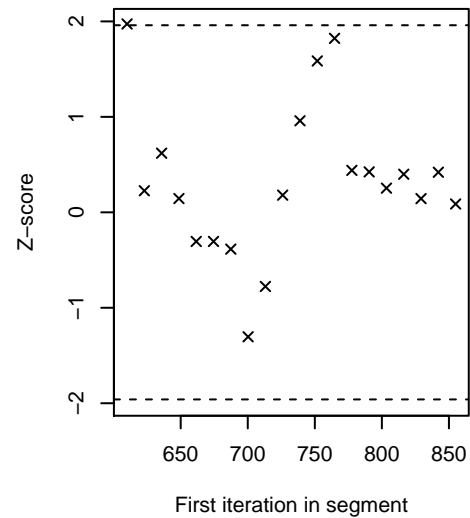
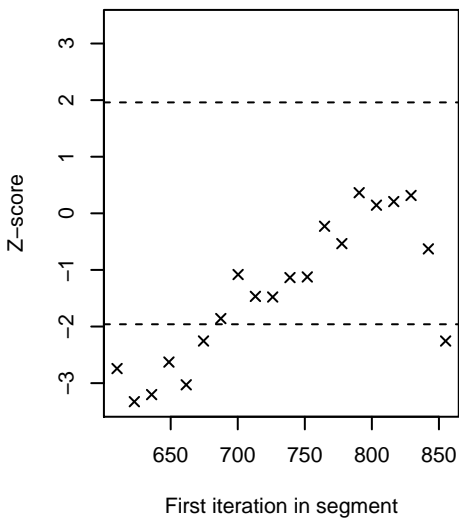
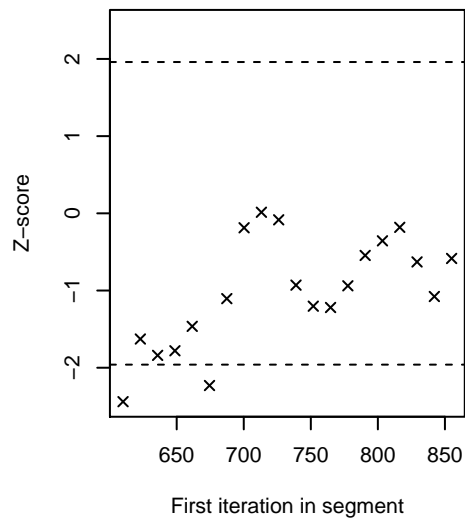
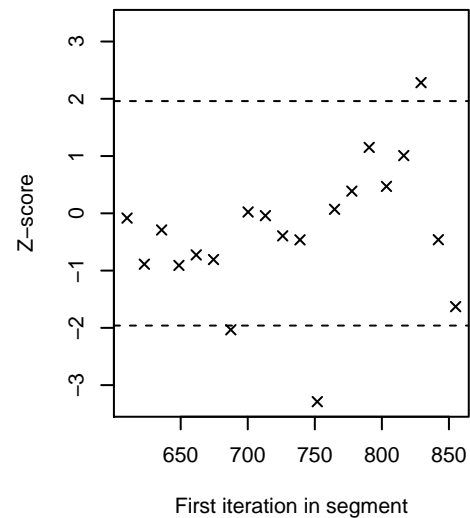
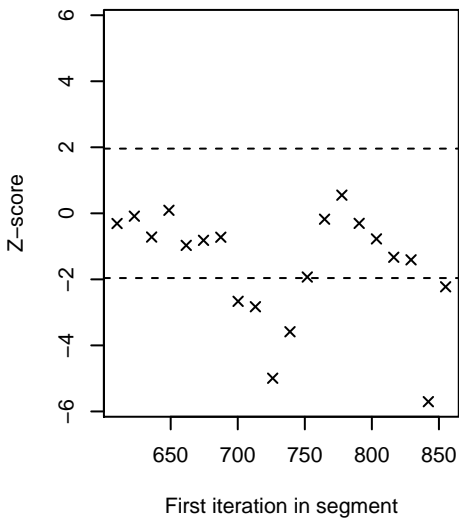
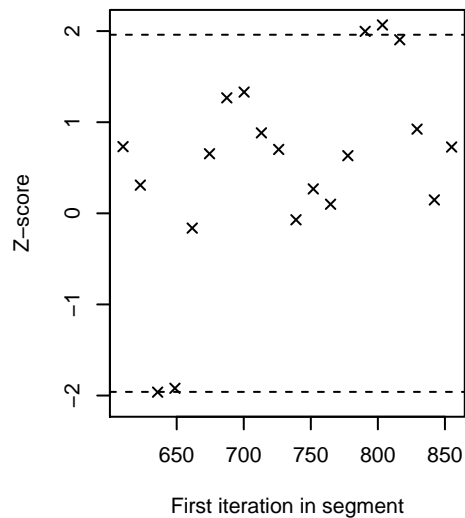
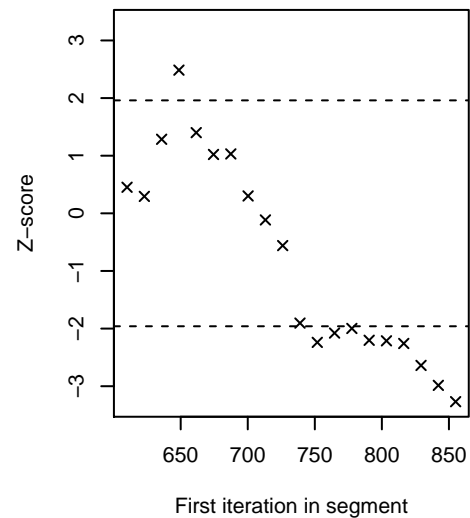
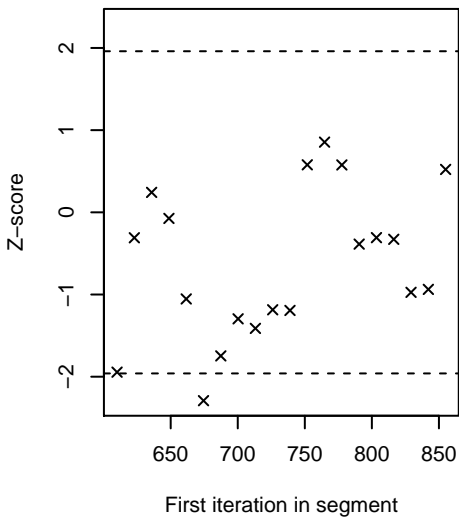
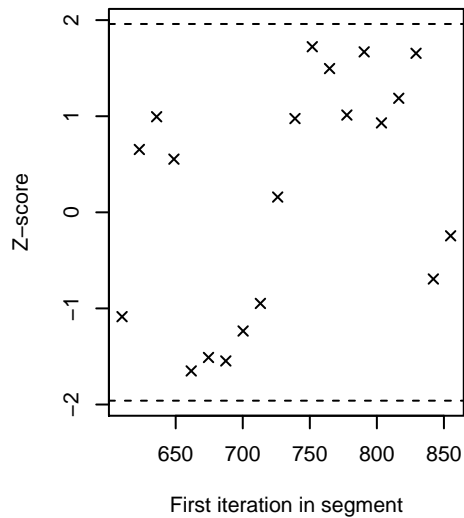
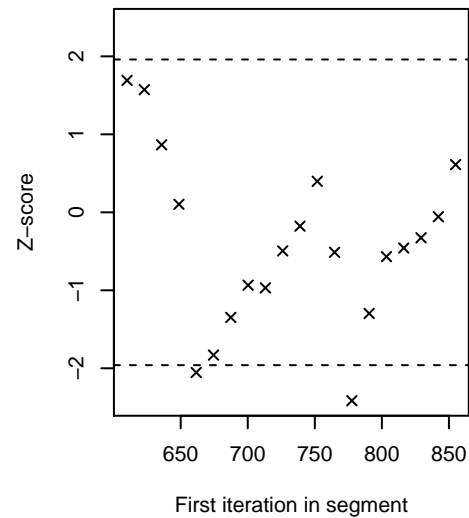
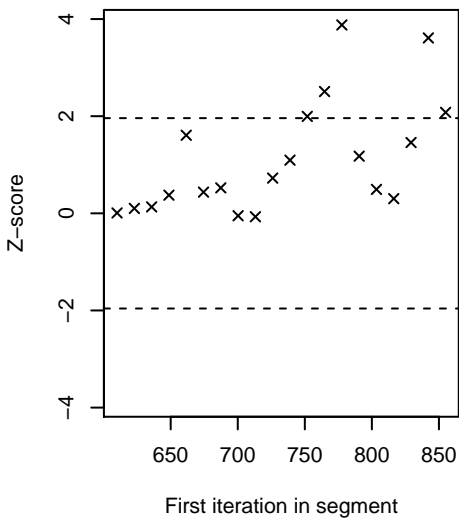
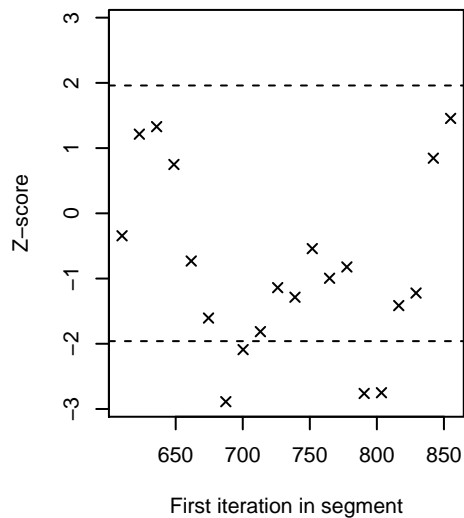
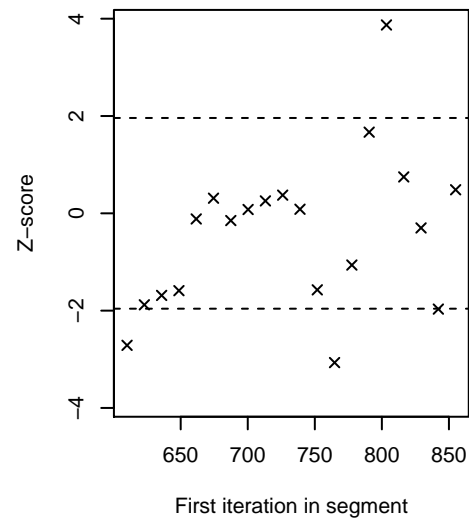
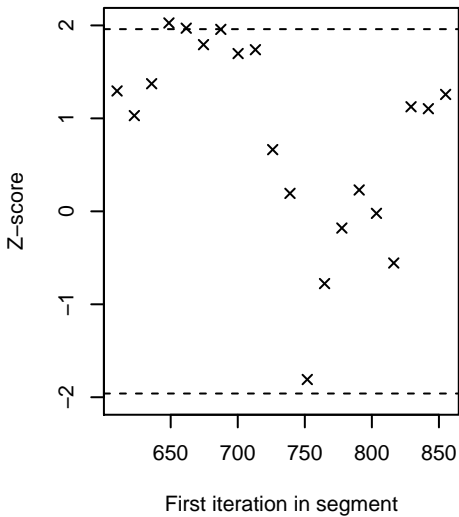
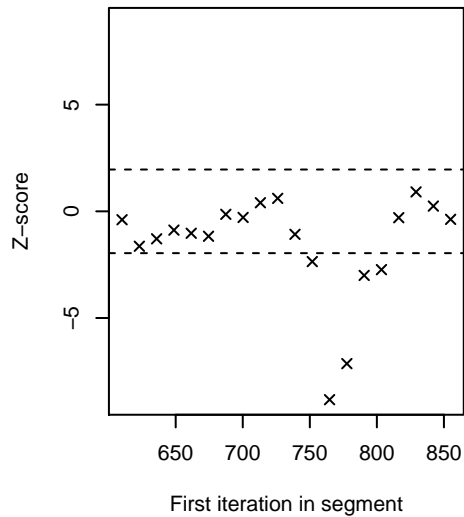
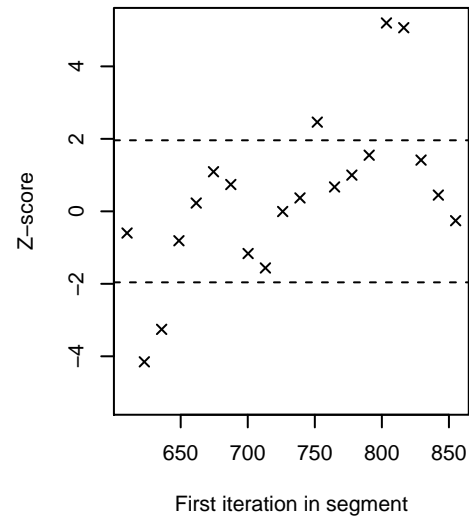


B.sum (chain1)**D.sum (chain1)****N[1] (chain1)****N[2] (chain1)****N[3] (chain1)****N[4] (chain1)****N[5] (chain1)****N[6] (chain1)****N[7] (chain1)**

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)**

Scatter plot showing Z-score (Y-axis) versus First iteration in segment (X-axis). The X-axis ranges from 650 to 850, and the Y-axis ranges from -3 to 3. A dashed horizontal line is drawn at Z-score = 2.0, and a solid horizontal line is drawn at Z-score = -2.0. Data points are marked with 'x'.

First iteration in segment	Z-score
650	-1.0
655	-1.0
660	-1.5
665	-1.3
670	-1.7
675	-1.1
680	-0.7
685	-0.9
690	-0.9
695	-1.9
700	-0.9
705	-2.3
710	-2.8
715	-3.0
720	-3.0
725	-2.8
730	-2.5
735	-2.2
740	-1.7
745	-1.3
750	-0.7
755	-0.3
760	0.7
765	0.0
770	-1.1
775	-0.3
780	0.7
785	0.0
790	-1.1
795	-0.3
800	0.7
805	0.0
810	-1.1
815	-0.3
820	0.7
825	0.0
830	-1.1
835	-0.3
840	0.7
845	0.0
850	-1.1
855	-0.3

A scatter plot showing the relationship between the 'First iteration in segment' (x-axis) and the 'Z-score' (y-axis). The x-axis ranges from 650 to 850 with major ticks every 50 units. The y-axis ranges from -4 to 4 with major ticks every 2 units. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2. Data points are represented by 'x' marks. Most points are clustered between Z-scores of -1 and 2, with one notable outlier at approximately (655, 4.5).

First iteration in segment	Z-score
655	4.5
665	1.2
675	1.8
685	1.2
695	0.6
705	-0.5
715	-0.3
725	0.2
735	0.8
745	-0.2
755	-0.4
765	-0.2
775	1.9
785	0.5
795	0.2
805	0.8
815	2.1
825	2.3
835	1.2

A scatter plot showing the Z-score (Y-axis, ranging from -4 to 4) versus the First iteration in segment (X-axis, ranging from 650 to 850). The data points are marked with 'x'. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2. The data points are scattered around the zero line, with a notable outlier at approximately (700, 4.0).

A scatter plot showing the relationship between the 'First iteration in segment' (X-axis) and the 'Z-score' (Y-axis). The X-axis ranges from 650 to 850, and the Y-axis ranges from -4 to 4. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2. The data points, marked with 'x', show a general upward trend, starting around Z-score = -2.5 at iteration 650 and reaching a peak of approximately 4.5 at iteration 830, before dropping to about 0 at iteration 850.

First iteration in segment	Z-score
640	1.5
650	-2.2
660	-0.1
670	-0.1
680	-3.2
690	-3.0
700	-3.0
710	-3.2
720	-2.1
730	-0.7
740	-1.0
750	-1.1
760	-0.4
770	0.0
780	0.5
790	0.8
800	0.0
810	0.6
820	4.5
830	0.1
840	-1.5

A scatter plot showing the relationship between the 'First iteration in segment' (x-axis) and the 'Z-score' (y-axis). The x-axis ranges from 650 to 850 with major ticks every 50 units. The y-axis ranges from -3 to 3 with major ticks every 1 unit. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2. Data points are represented by 'x' marks. The points are scattered, with a notable outlier at approximately (715, -1.0) and another at (850, 3.0).

First iteration in segment	Z-score
630	0.1
640	0.3
650	0.2
660	0.5
670	1.3
680	0.8
690	0.5
700	0.2
710	-0.9
720	-1.0
730	-0.2
740	1.0
750	1.1
760	0.8
770	1.0
780	0.8
790	0.7
800	0.7
810	0.8
820	1.4
830	3.0
840	2.1

Scatter plot showing Z-score (Y-axis, ranging from -3 to 3) versus First iteration in segment (X-axis, ranging from 650 to 850). The data points are marked with 'x'. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2.

First iteration in segment	Z-score
640	0.7
645	-0.2
650	-1.8
660	-1.7
670	-0.6
680	-0.2
690	0.2
700	0.3
710	-1.3
720	-1.3
730	-2.2
740	0.2
750	0.3
760	1.5
770	-0.8
780	-0.9
790	-3.2
800	-1.0
810	-1.4
820	-1.2
830	-2.5

A scatter plot showing the relationship between the 'First iteration in segment' (X-axis) and the 'Z-score' (Y-axis). The X-axis ranges from 650 to 850 with major ticks every 50 units. The Y-axis ranges from -2 to 2 with major ticks every 1 unit. Data points are represented by 'x' marks. There are two horizontal dashed lines at Y = 2 and Y = -2. The data points are scattered, with a notable concentration of points between X = 650 and X = 800, and a few points extending towards X = 850. The Z-scores range from approximately -1.5 to 2.0.

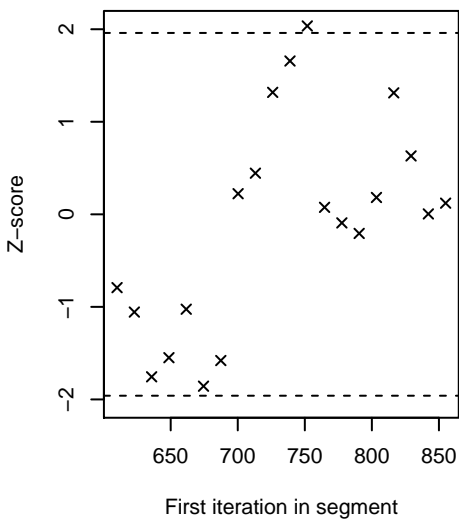
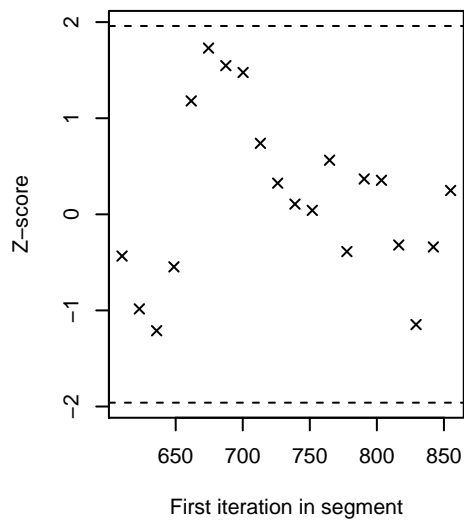
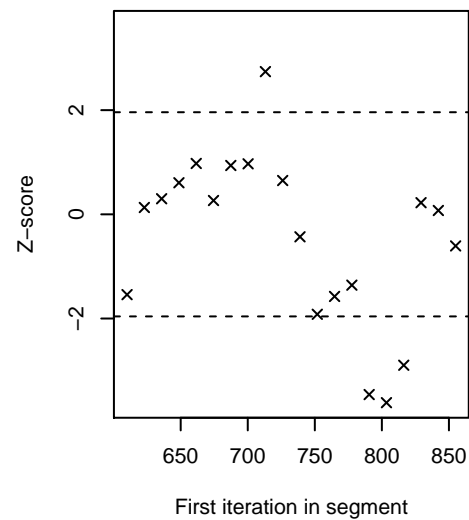
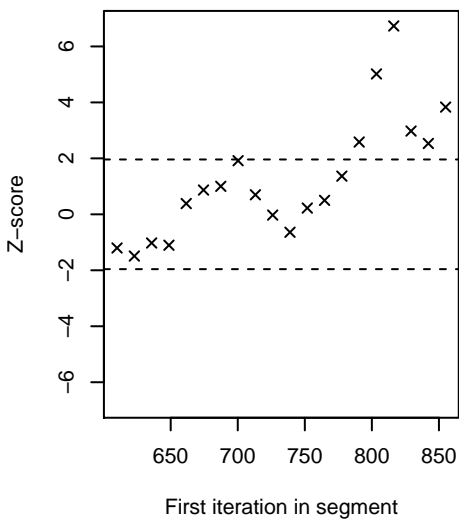
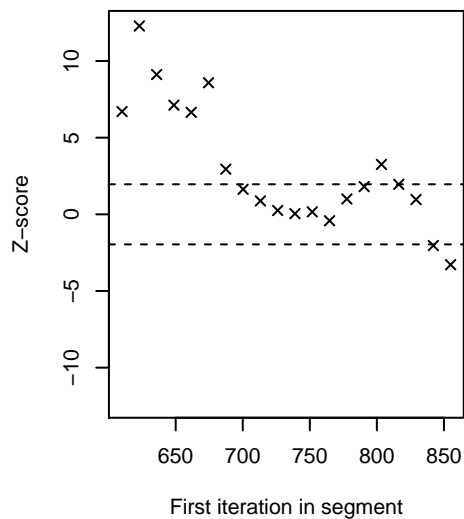
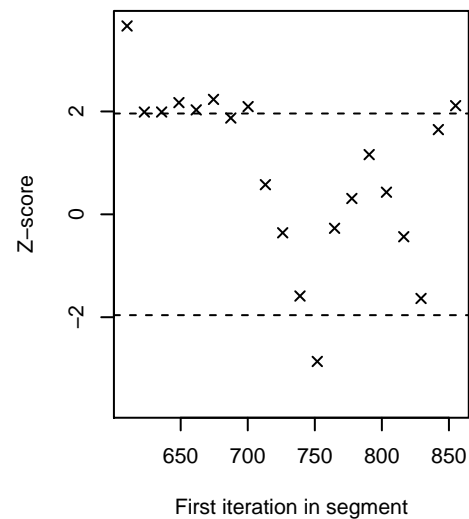
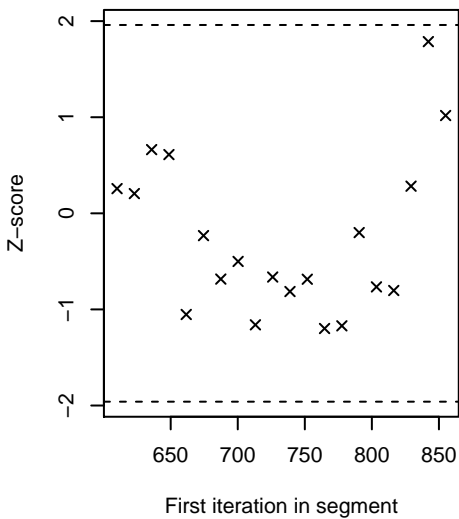
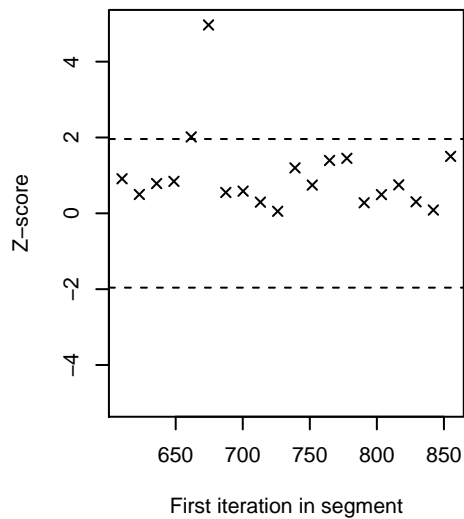
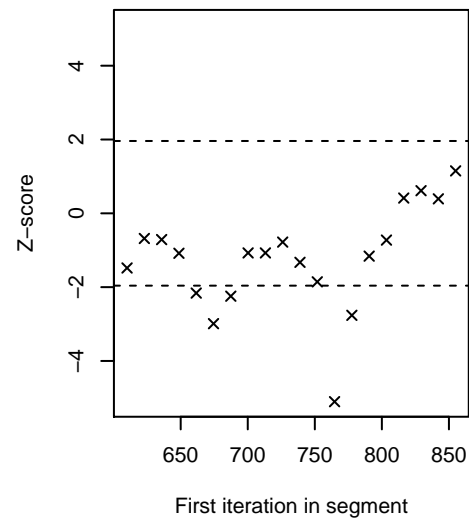
First iteration in segment	Z-score
640	0.2
645	-0.4
650	0.5
655	0.5
660	0.1
665	0.2
670	-0.7
700	1.5
710	1.9
720	-0.2
730	-0.1
740	-0.1
750	1.9
760	0.7
770	0.0
780	-0.9
800	0.6
810	-1.5
820	1.8
830	-0.1
840	-1.5

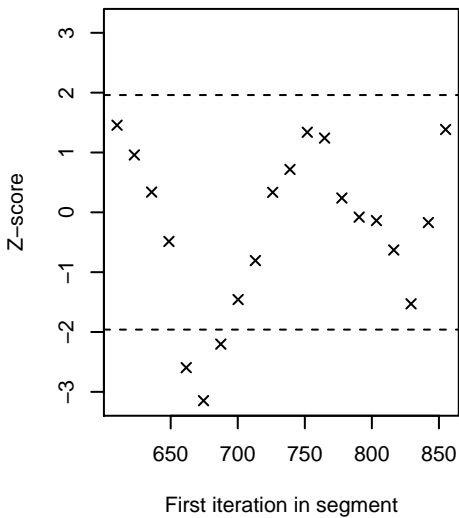
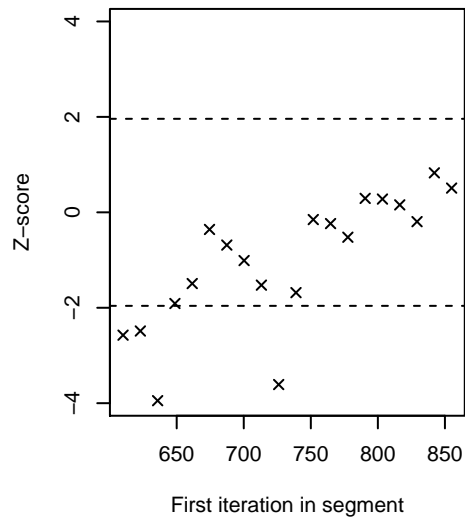
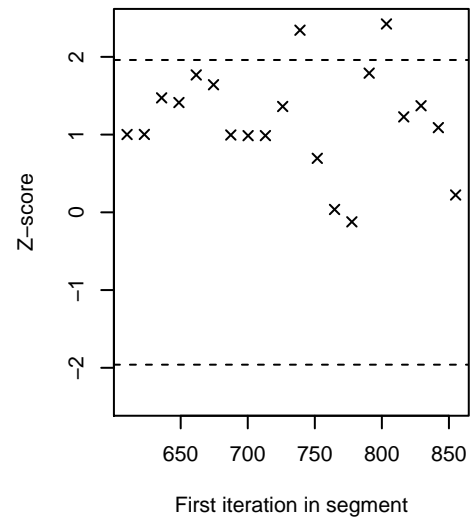
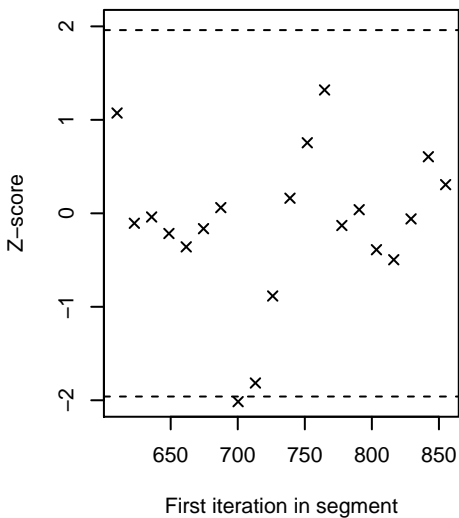
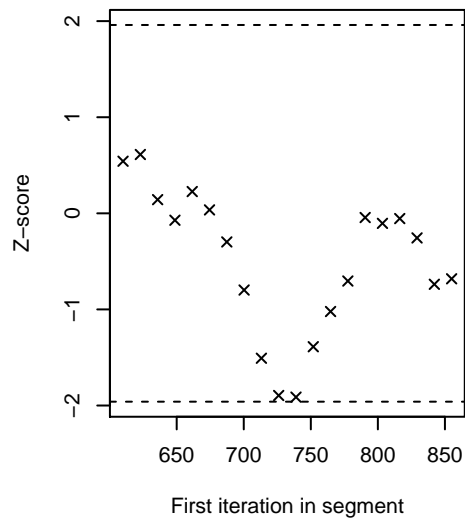
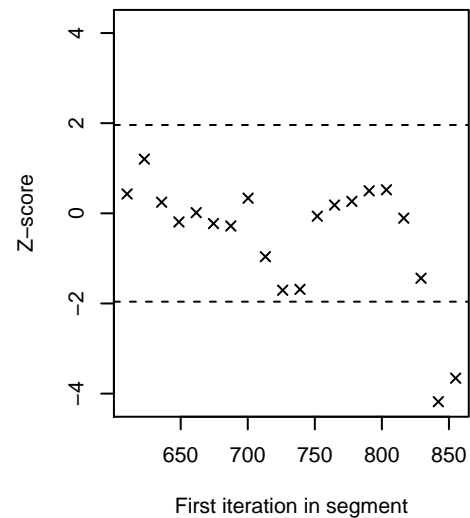
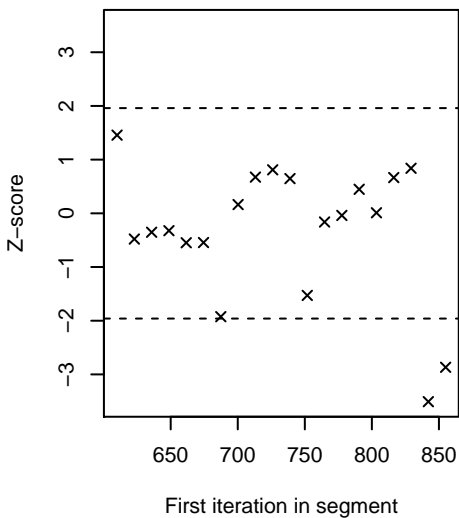
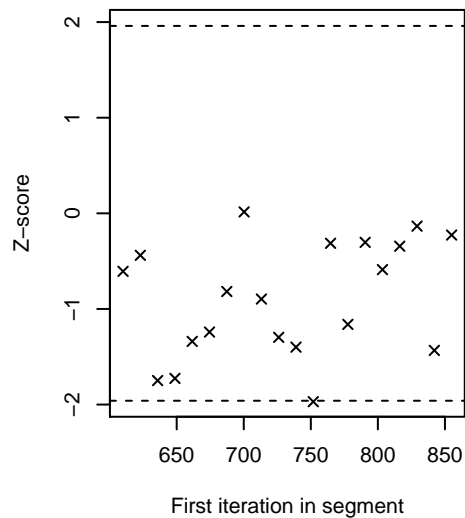
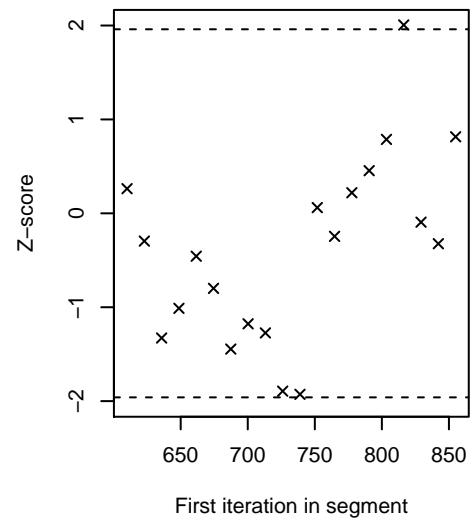
A scatter plot showing the relationship between the 'First iteration in segment' (x-axis) and the 'Z-score' (y-axis). The x-axis ranges from approximately 600 to 850, with major ticks at 650, 700, 750, 800, and 850. The y-axis ranges from -3 to 3, with major ticks at -3, -2, -1, 0, 1, 2, and 3. Two horizontal dashed lines are drawn at Z-score = 2 and Z-score = -2. The data points, represented by 'x' marks, show a general upward trend, starting around Z-score = -0.5 at iteration 620 and reaching approximately Z-score = 0.5 at iteration 850. There is a notable outlier at iteration 830 with a Z-score of approximately -3.5.

First iteration in segment	Z-score
620	-0.5
630	-0.2
640	-0.2
650	-1.2
660	-0.5
680	-2.2
690	-1.5
710	-0.8
720	-1.0
730	-1.3
740	-1.7
760	-2.0
770	-0.5
780	0.2
800	0.5
810	-0.9
830	-3.5
840	-0.8
850	0.5

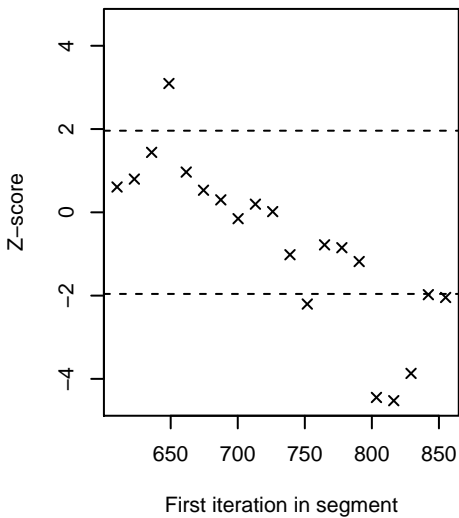
A scatter plot showing the relationship between the 'First iteration in segment' (x-axis) and the 'Z-score' (y-axis) for the 'segment' variable. The x-axis ranges from 650 to 850, and the y-axis ranges from -2 to 2. Data points are marked with 'x'. There are two horizontal dashed lines at approximately y = 1.9 and y = -2.1.

First iteration in segment	Z-score
630	0.1
640	1.4
650	1.3
660	1.1
670	1.5
680	1.2
690	0.6
700	0.9
710	-1.0
720	-0.1
730	-0.9
740	0.3
750	-1.1
760	0.3
770	0.4
780	0.4
790	0.5
800	2.0
810	1.8
820	1.0
830	-0.7
840	-0.4

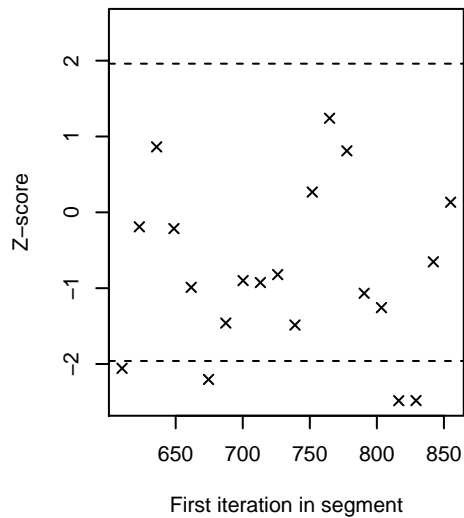
N[35] (chain1)**N[36] (chain1)****N[37] (chain1)****N.ya[1,1] (chain1)****N.ya[2,1] (chain1)****N.ya[3,1] (chain1)****N.ya[4,1] (chain1)****N.ya[5,1] (chain1)****N.ya[6,1] (chain1)**

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)**

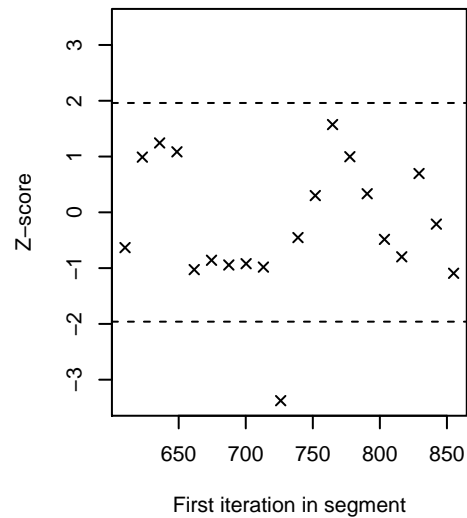
N.ya[16,1] (chain1)



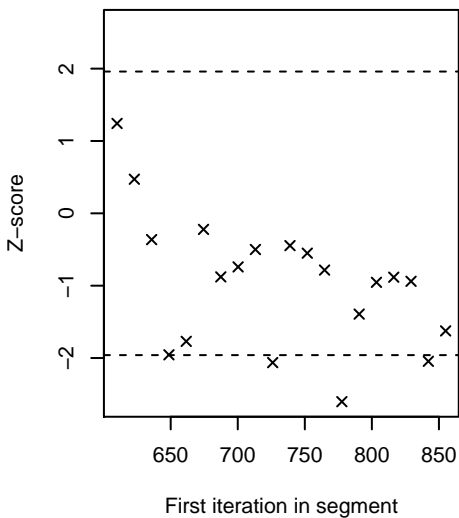
N.ya[17,1] (chain1)



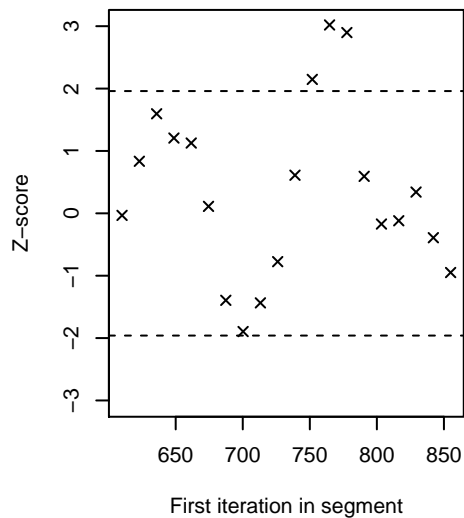
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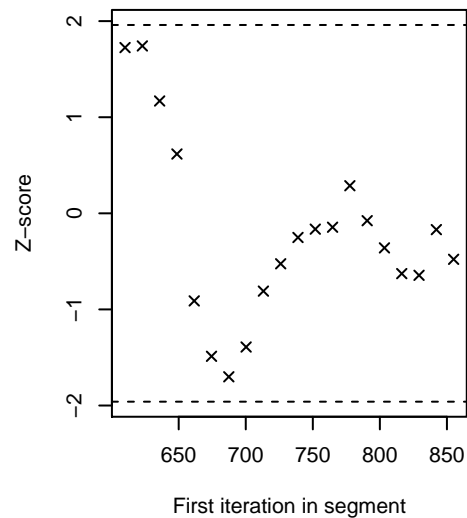
N.ya[19,1] (chain1)



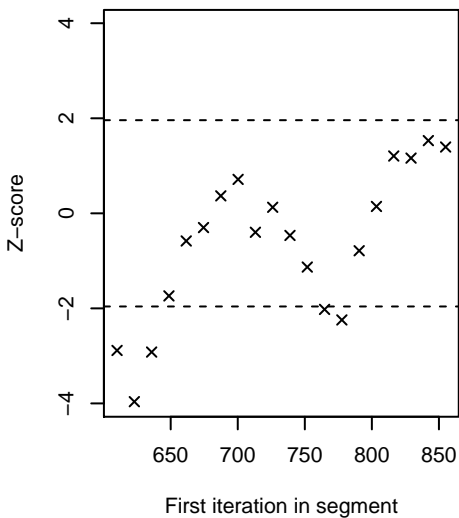
N.ya[20,1] (chain1)



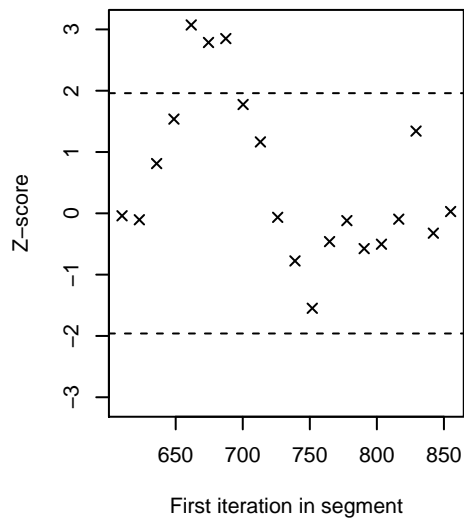
N.ya[21,1] (chain1)



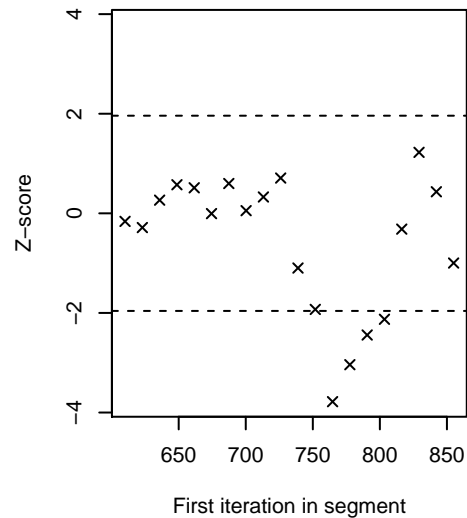
N.ya[22,1] (chain1)



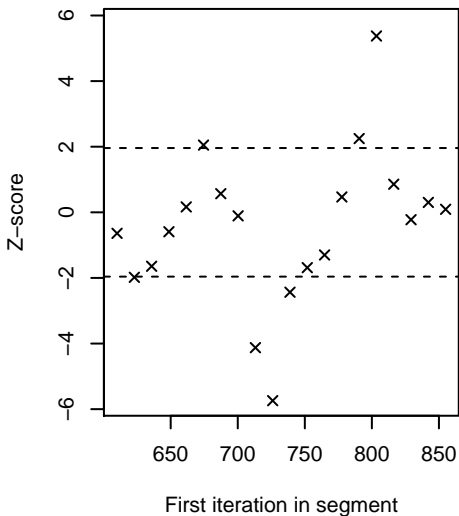
N.ya[23,1] (chain1)



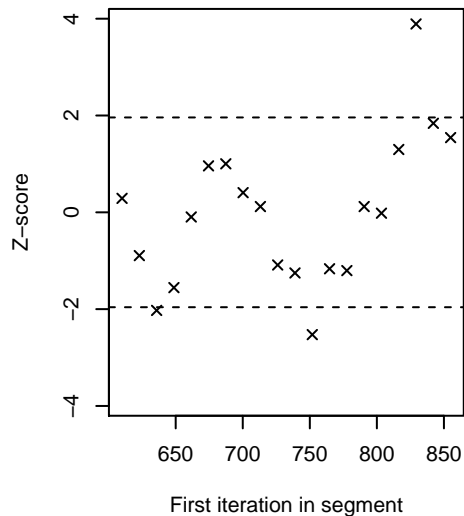
N.ya[24,1] (chain1)



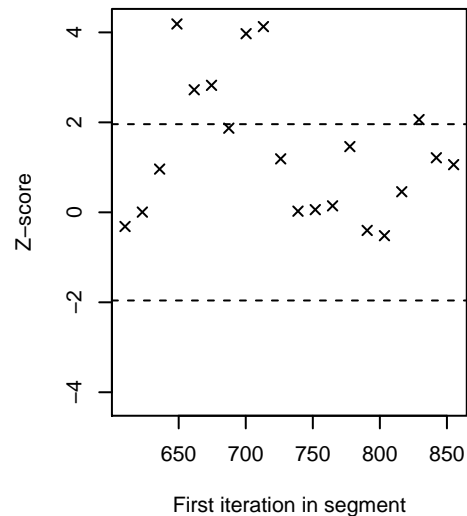
N.ya[25,1] (chain1)



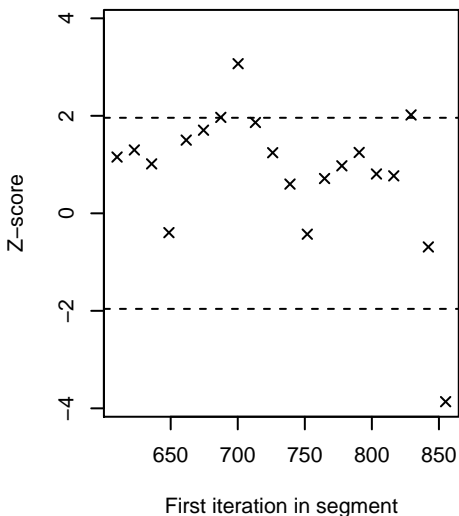
N.ya[26,1] (chain1)



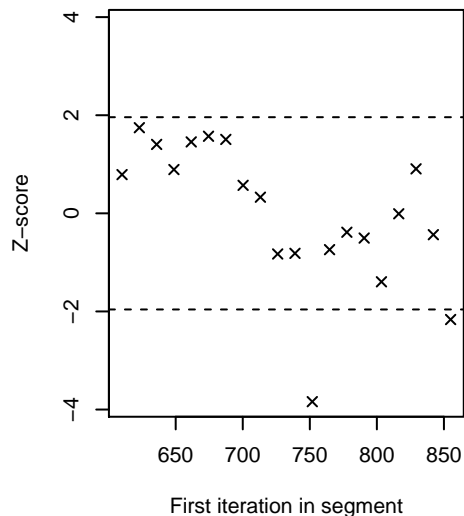
N.ya[27,1] (chain1)



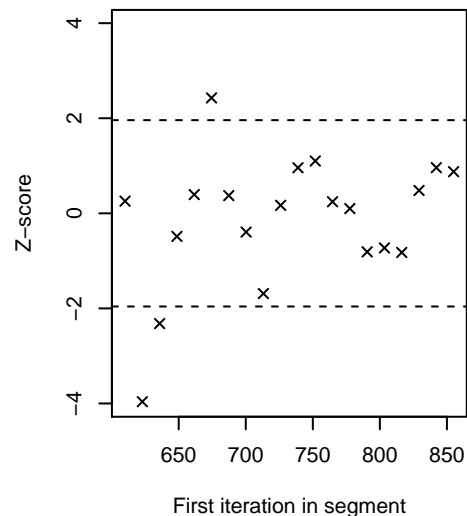
N.ya[28,1] (chain1)



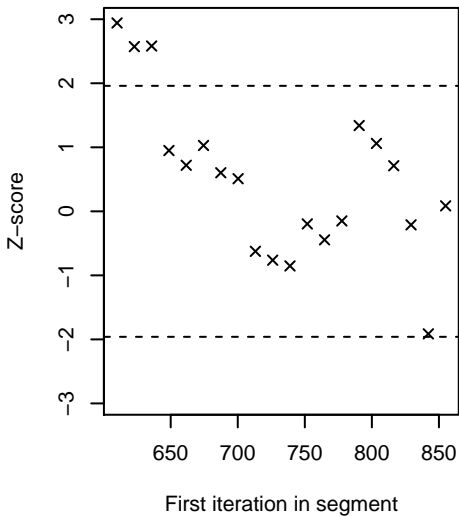
N.ya[29,1] (chain1)



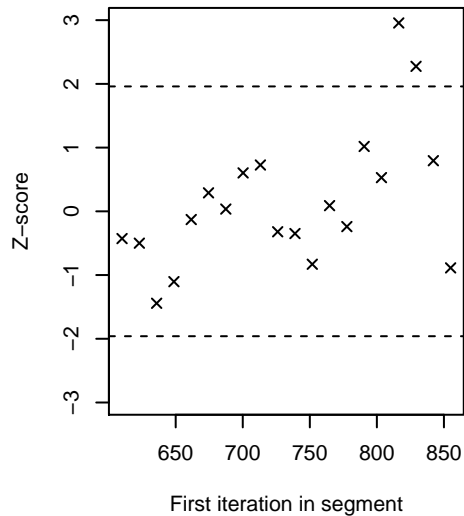
N.ya[30,1] (chain1)



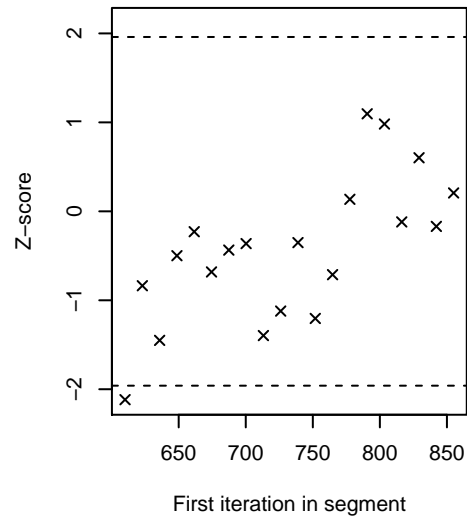
N.ya[31,1] (chain1)

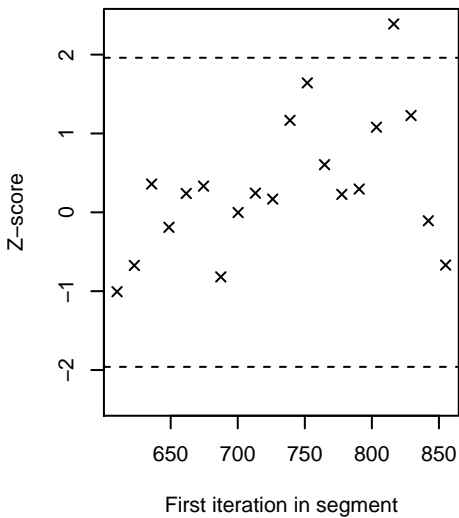
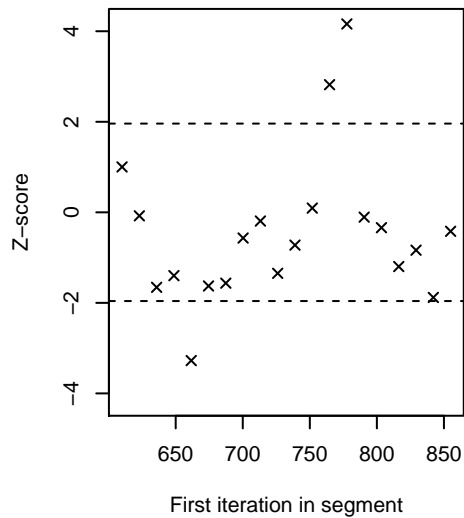
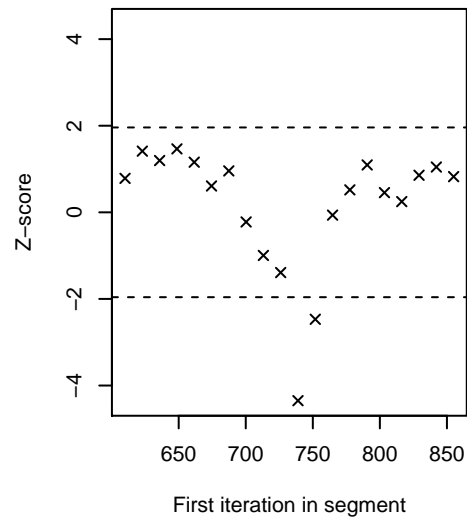
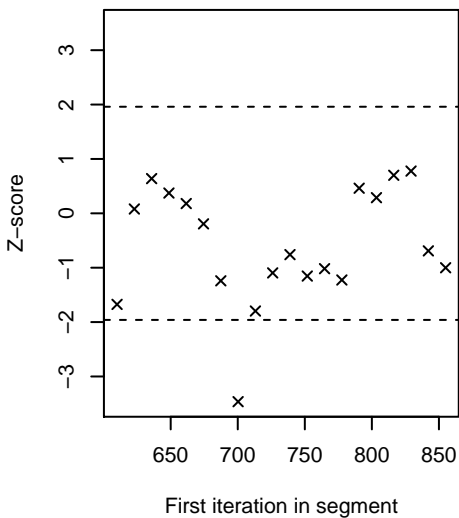
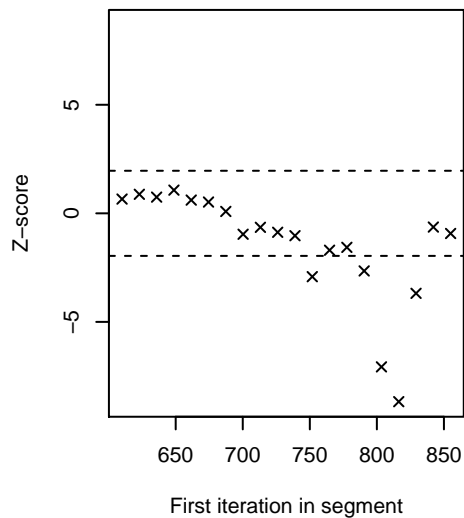
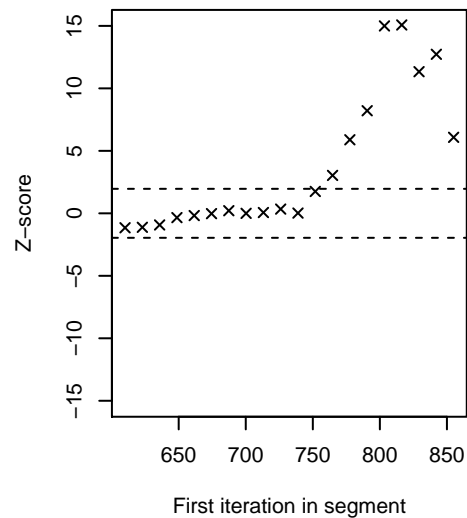
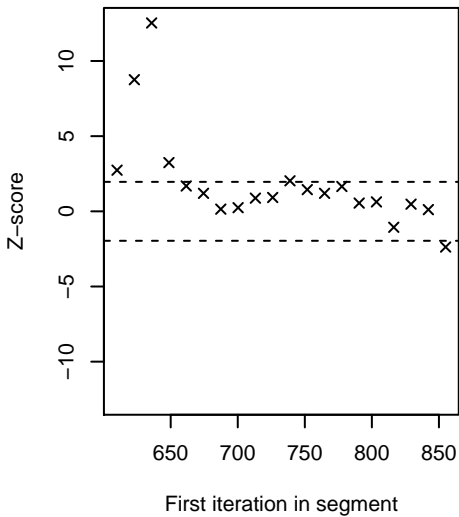
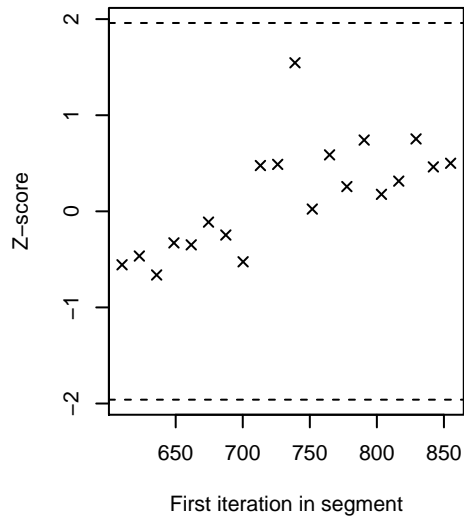
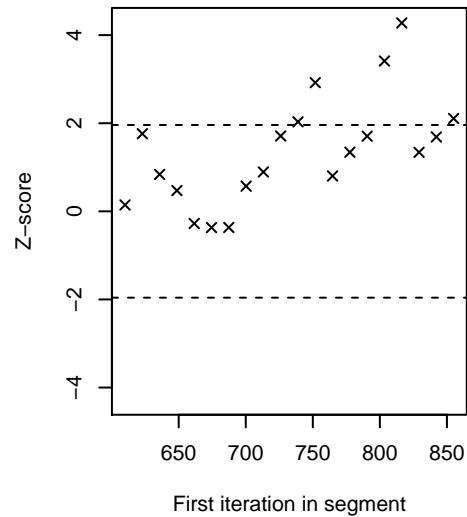


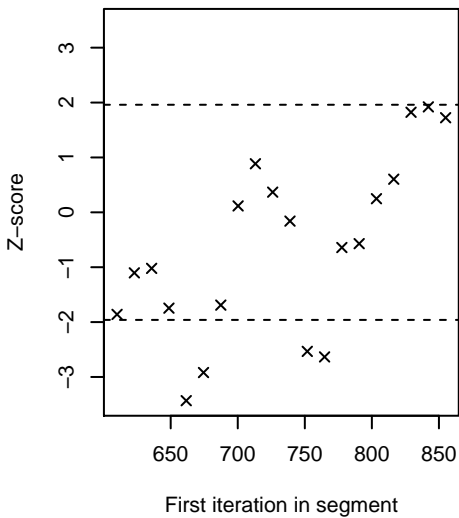
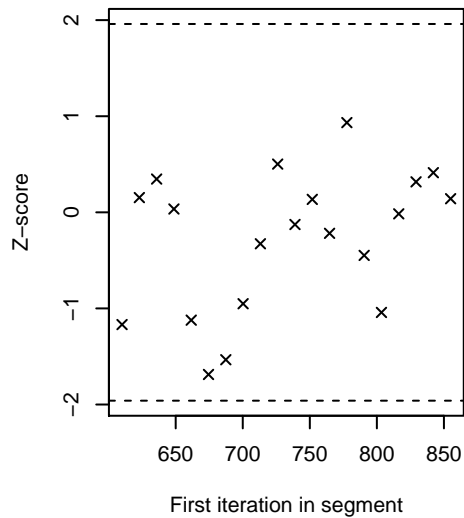
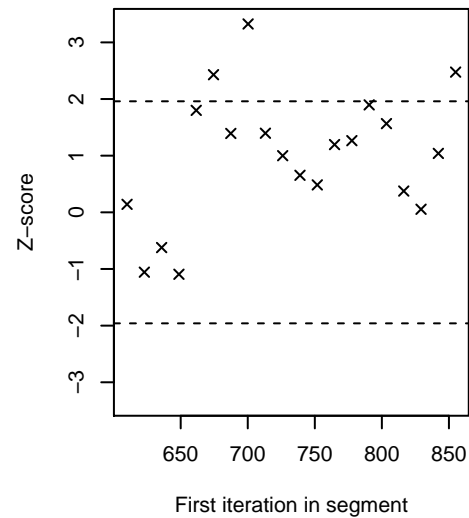
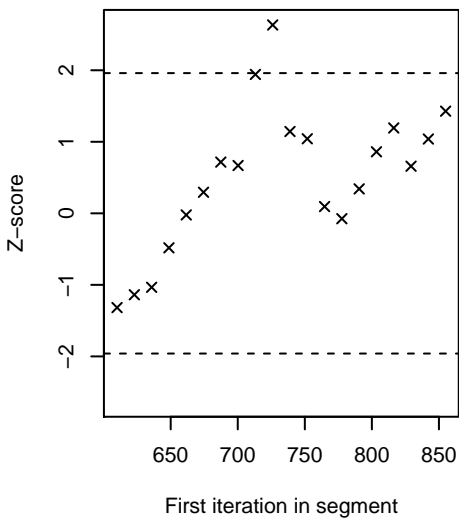
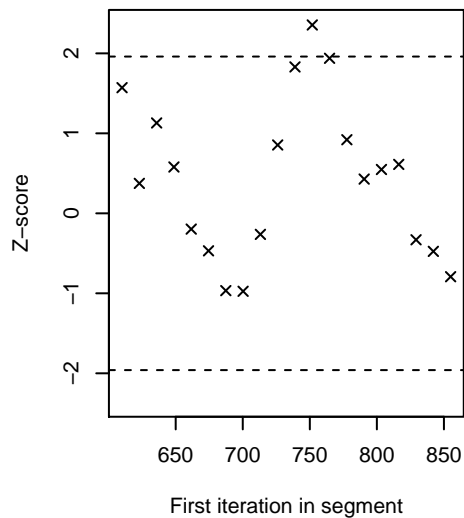
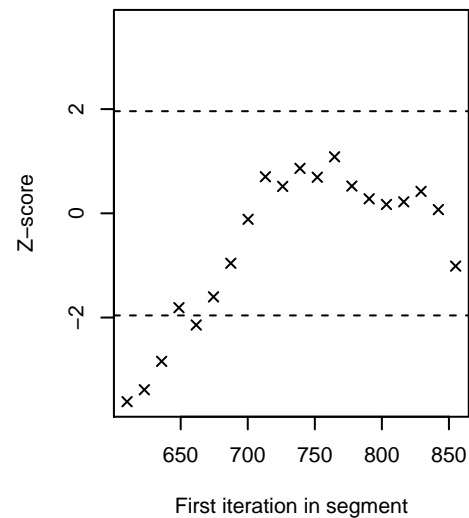
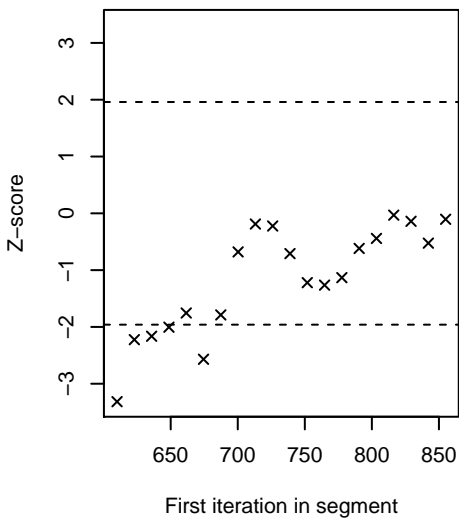
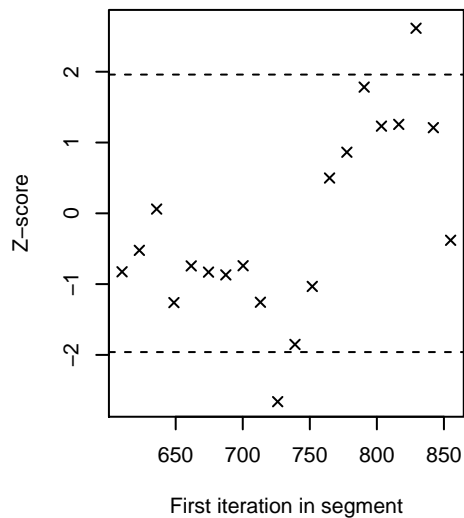
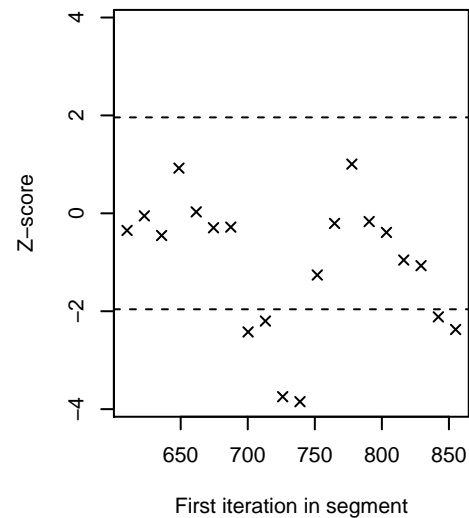
N.ya[32,1] (chain1)



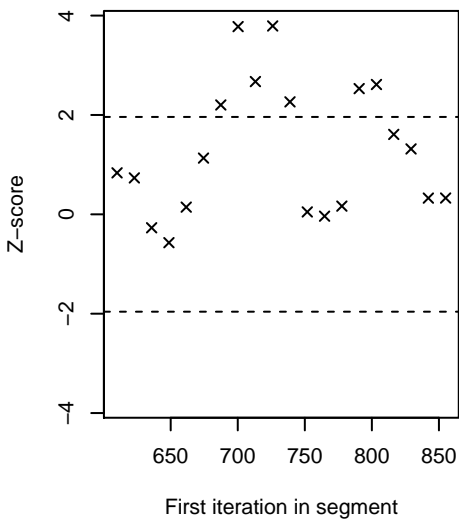
N.ya[33,1] (chain1)



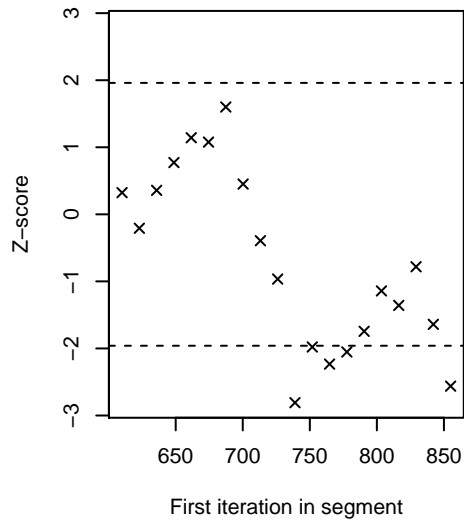
N.ya[34,1] (chain1)**N.ya[35,1] (chain1)****N.ya[36,1] (chain1)****N.ya[37,1] (chain1)****N.ya[1,2] (chain1)****N.ya[2,2] (chain1)****N.ya[3,2] (chain1)****N.ya[4,2] (chain1)****N.ya[5,2] (chain1)**

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)**

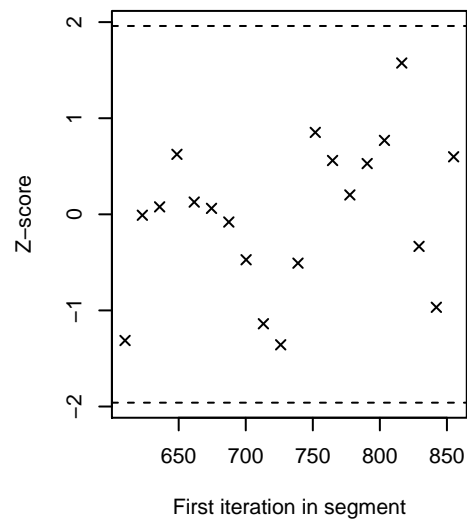
N.ya[15,2] (chain1)



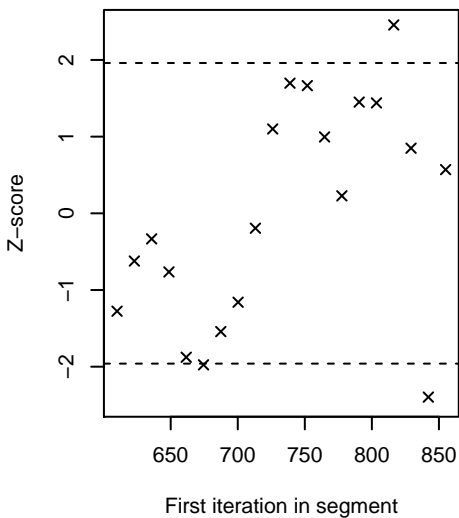
N.ya[16,2] (chain1)



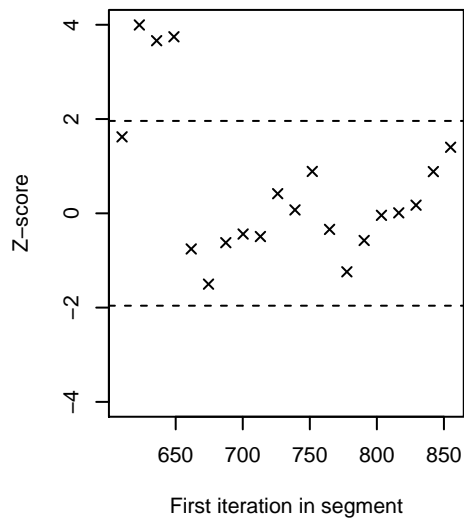
N.ya[17,2] (chain1)



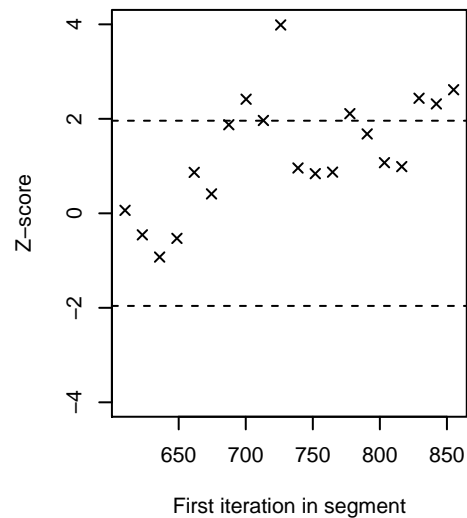
N.ya[18,2] (chain1)



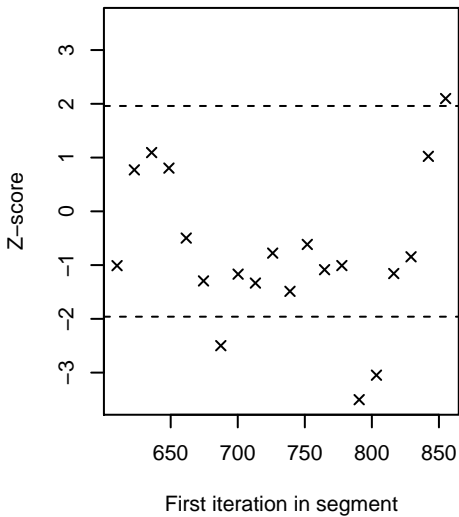
N.ya[19,2] (chain1)



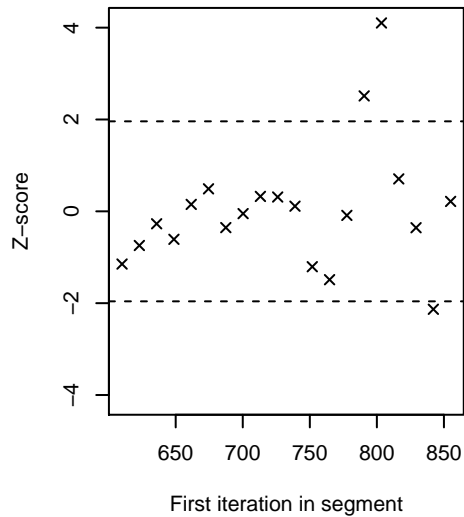
N.ya[20,2] (chain1)



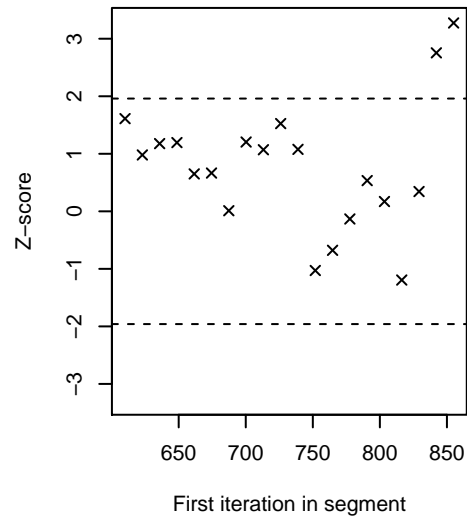
N.ya[21,2] (chain1)



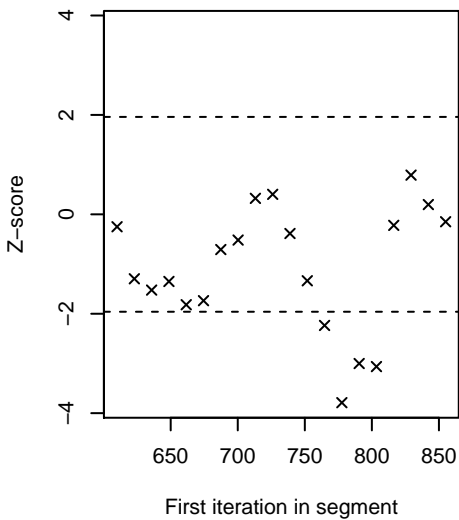
N.ya[22,2] (chain1)



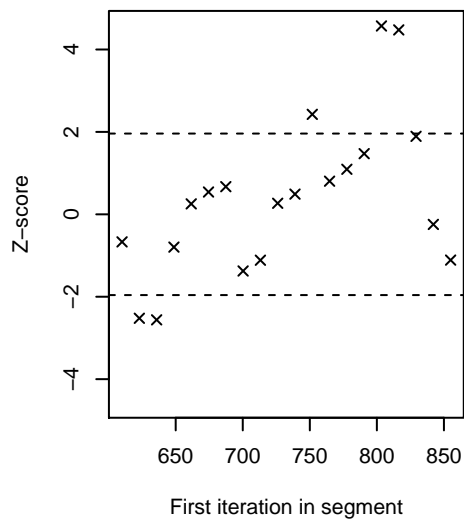
N.ya[23,2] (chain1)



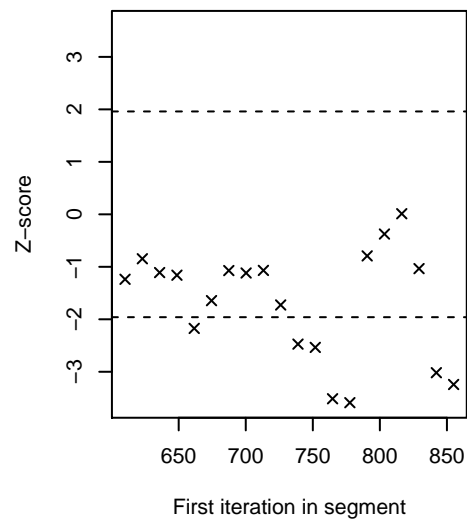
N.ya[24,2] (chain1)



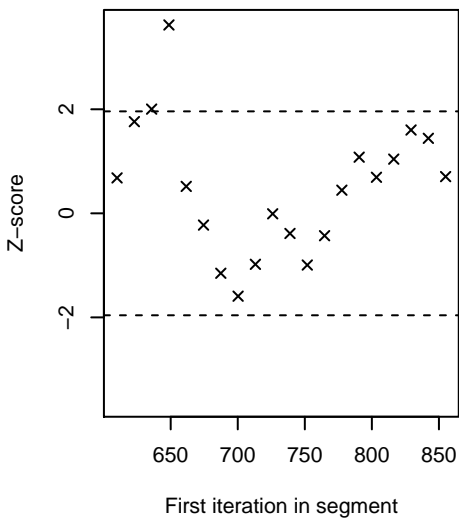
N.ya[25,2] (chain1)



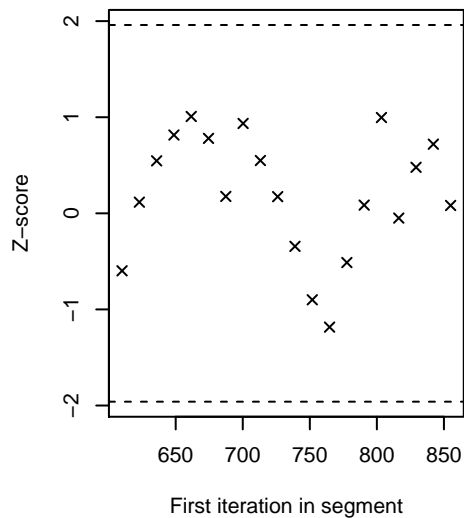
N.ya[26,2] (chain1)



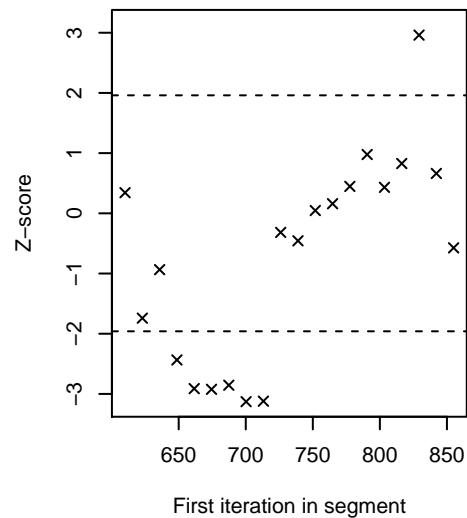
N.ya[27,2] (chain1)



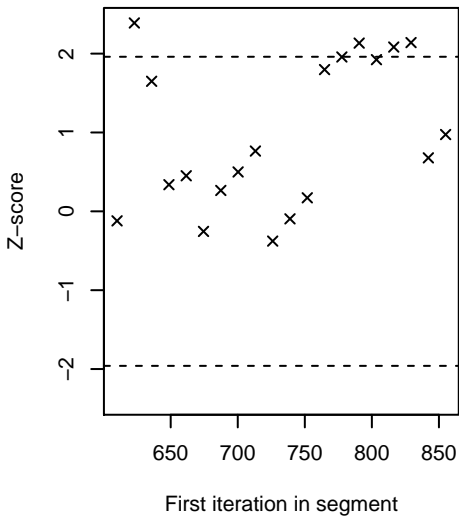
N.ya[28,2] (chain1)



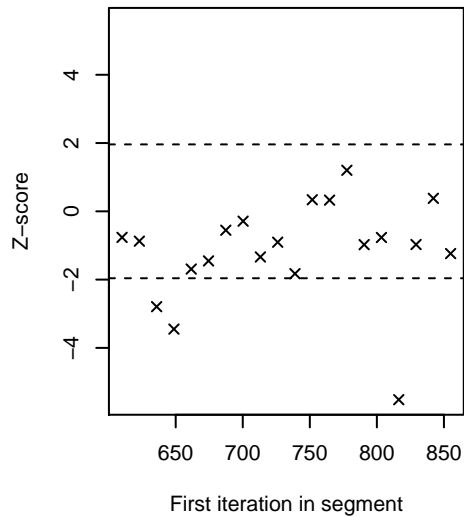
N.ya[29,2] (chain1)



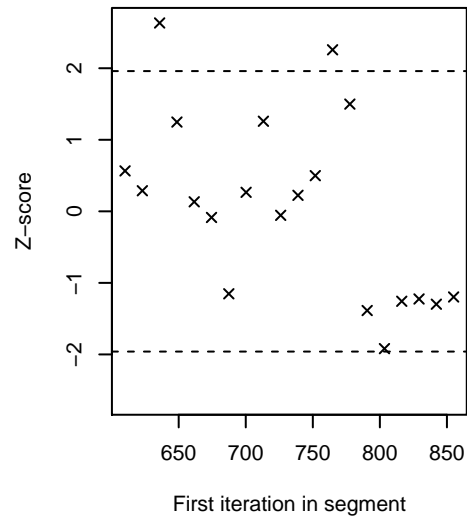
N.ya[30,2] (chain1)



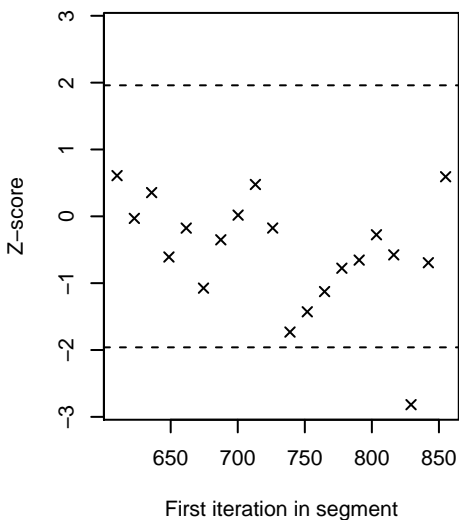
N.ya[31,2] (chain1)



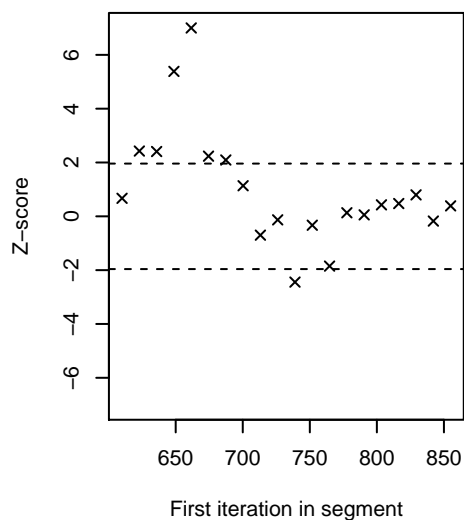
N.ya[32,2] (chain1)



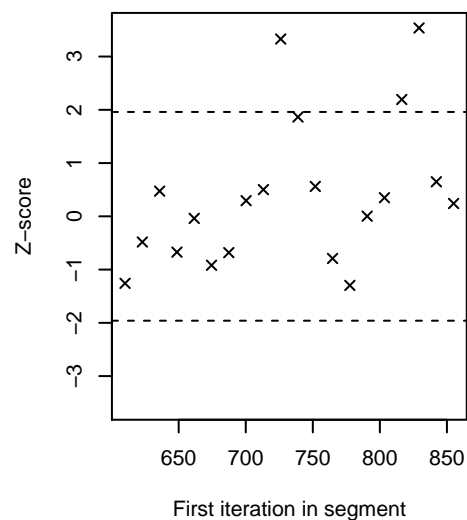
N.ya[33,2] (chain1)



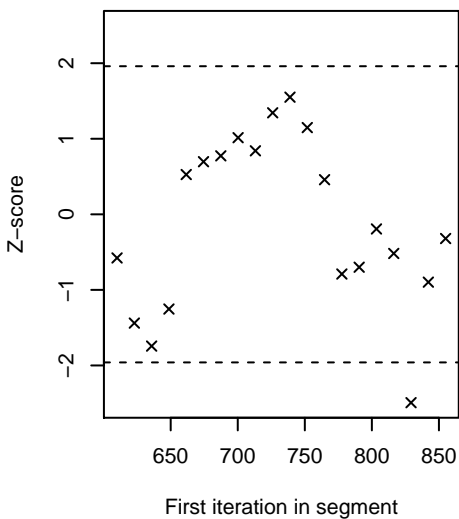
N.ya[34,2] (chain1)



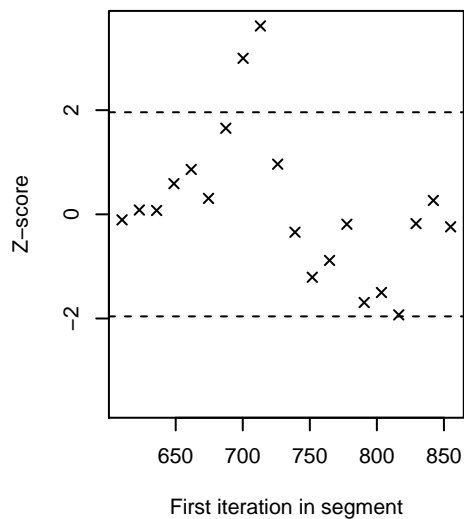
N.ya[35,2] (chain1)



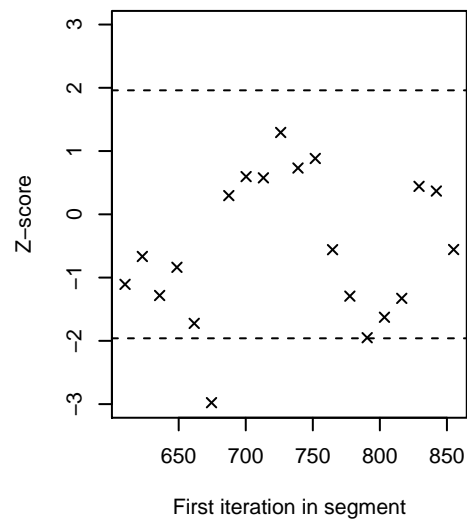
N.ya[36,2] (chain1)



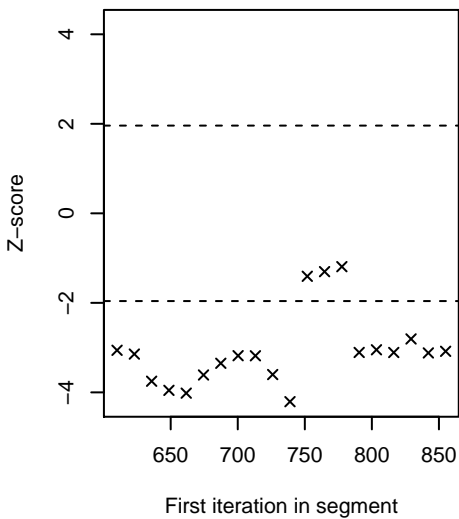
N.ya[37,2] (chain1)



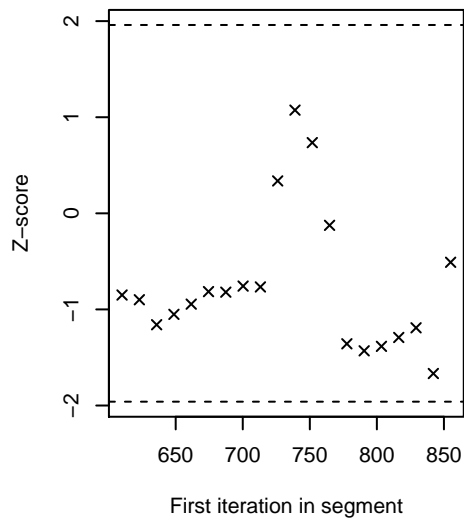
N.ya[1,3] (chain1)



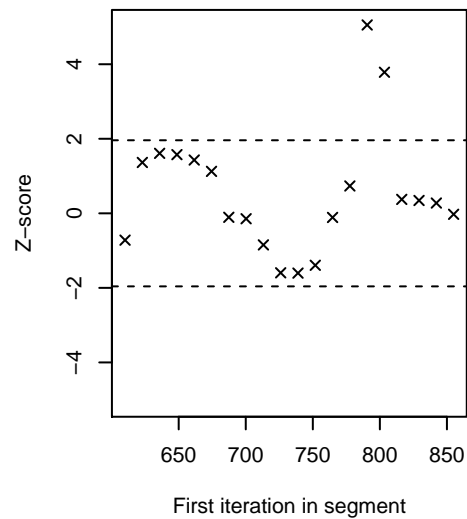
N.ya[2,3] (chain1)



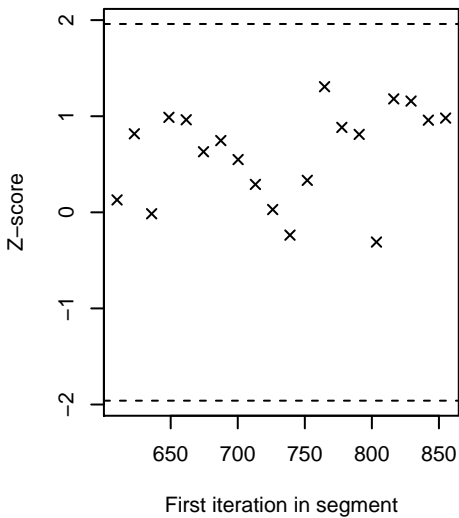
N.ya[3,3] (chain1)



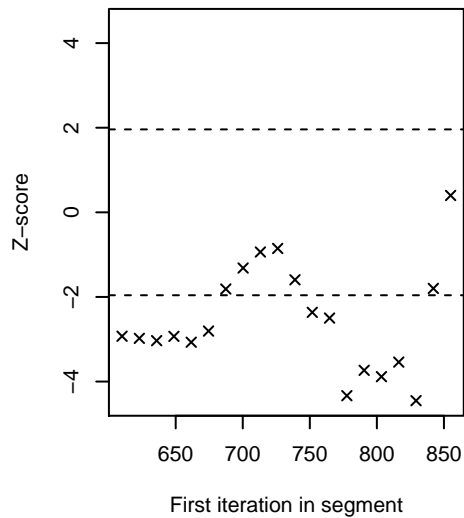
N.ya[4,3] (chain1)



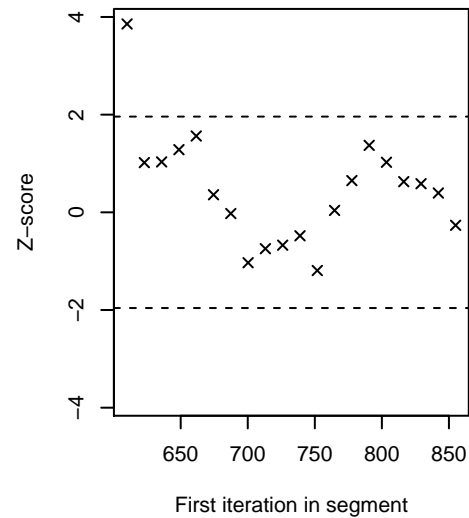
N.ya[5,3] (chain1)



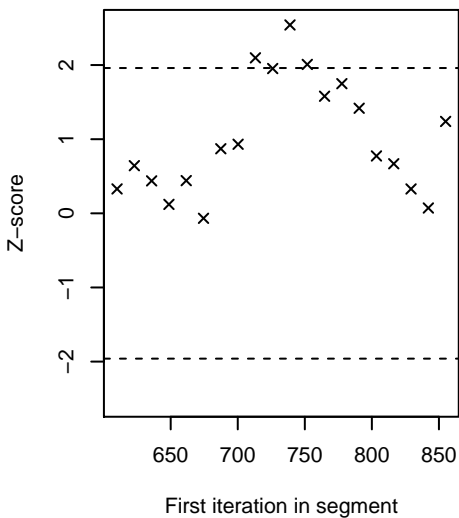
N.ya[6,3] (chain1)



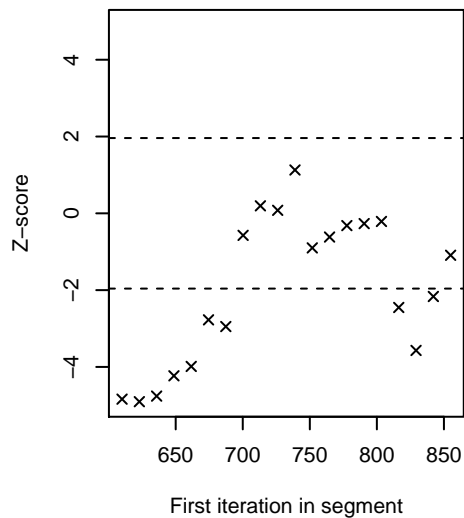
N.ya[7,3] (chain1)



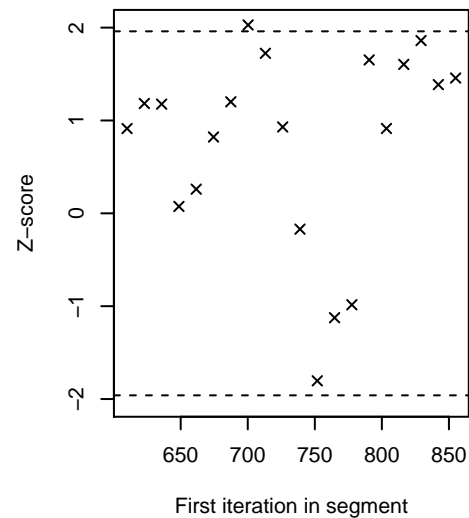
N.ya[8,3] (chain1)



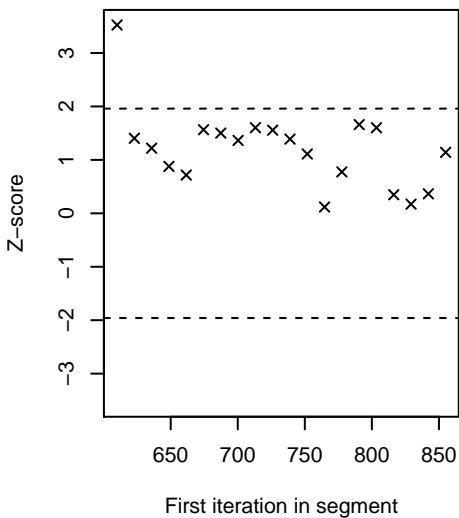
N.ya[9,3] (chain1)



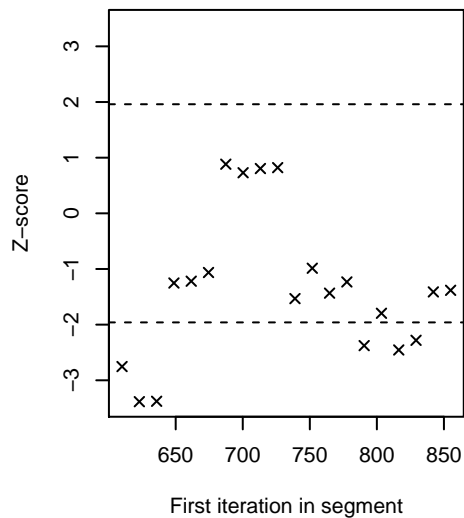
N.ya[10,3] (chain1)



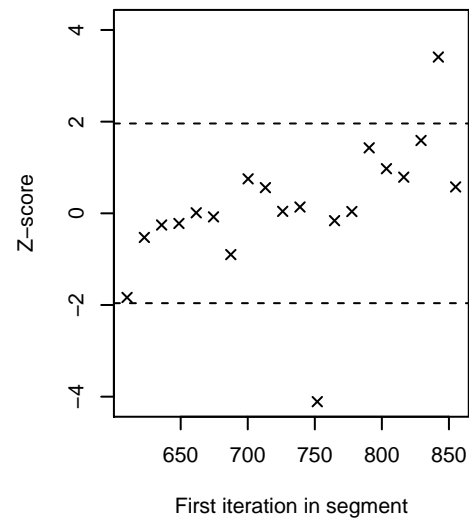
N.ya[11,3] (chain1)



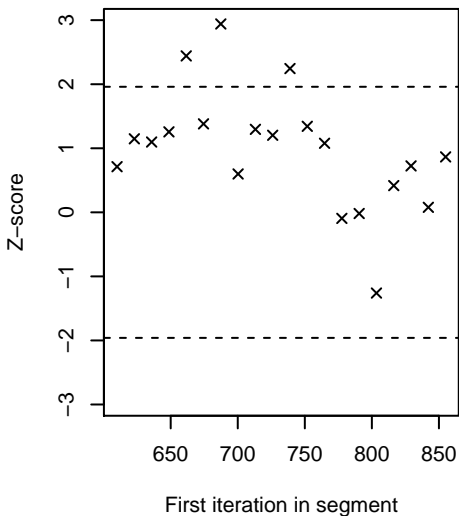
N.ya[12,3] (chain1)



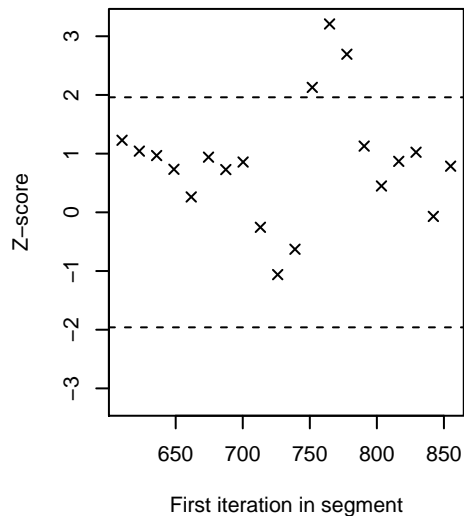
N.ya[13,3] (chain1)



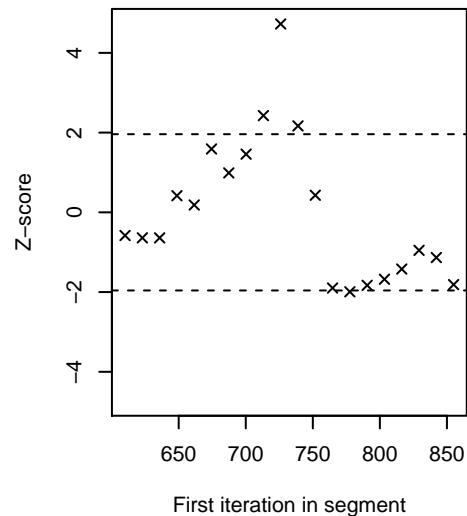
N.ya[14,3] (chain1)



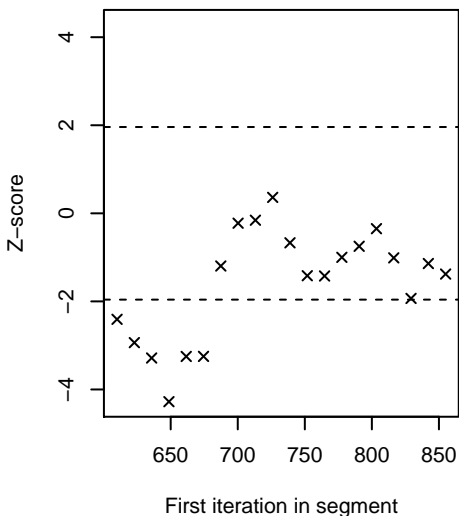
N.ya[15,3] (chain1)



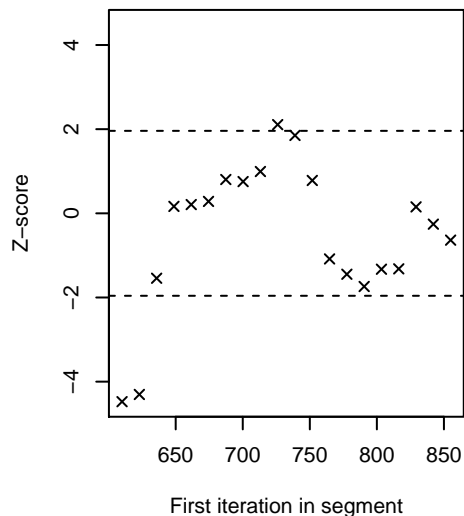
N.ya[16,3] (chain1)



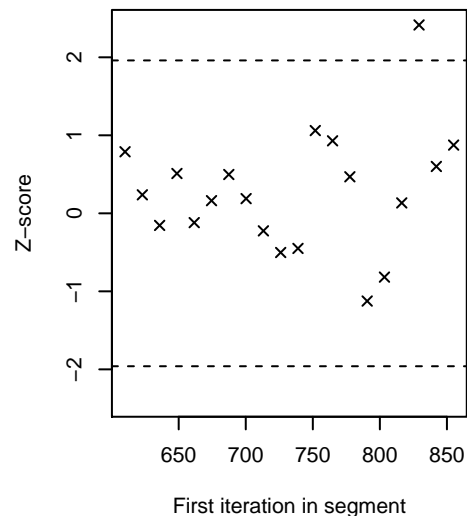
N.ya[17,3] (chain1)



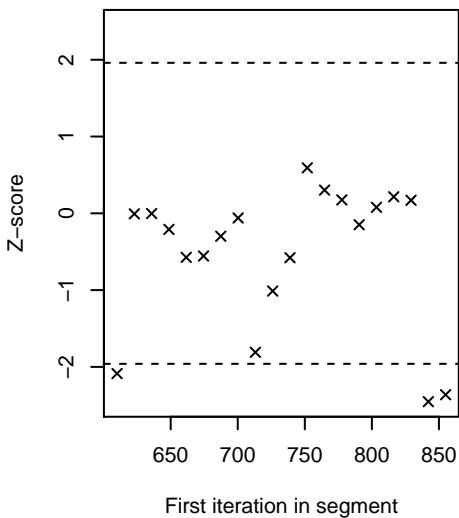
N.ya[18,3] (chain1)



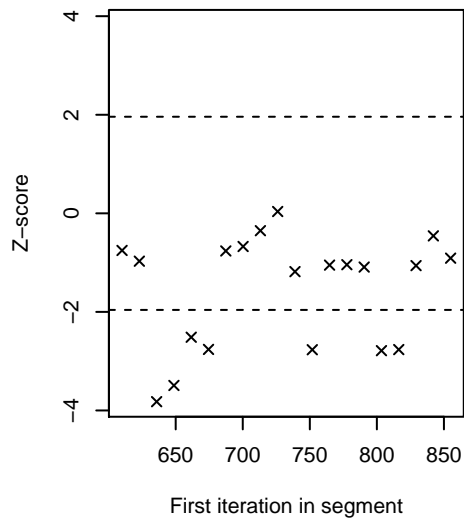
N.ya[19,3] (chain1)



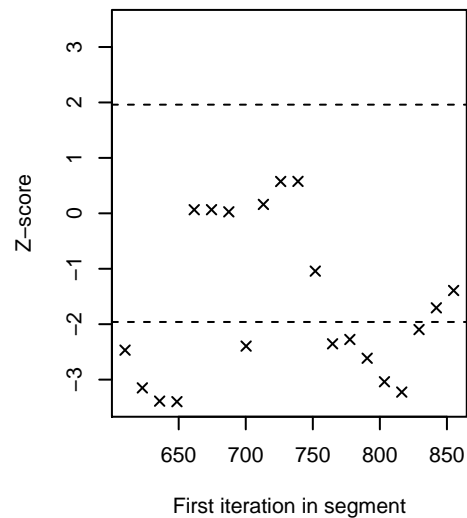
N.ya[20,3] (chain1)



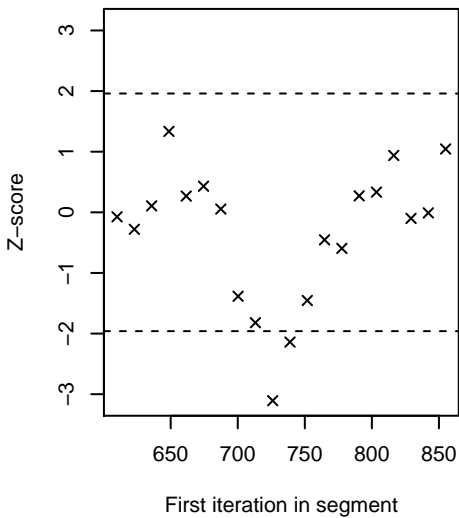
N.ya[21,3] (chain1)



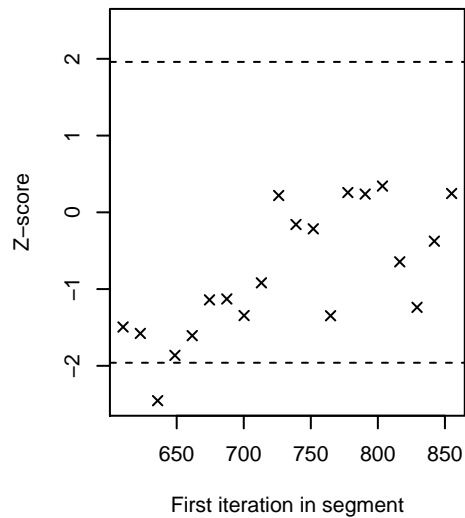
N.ya[22,3] (chain1)



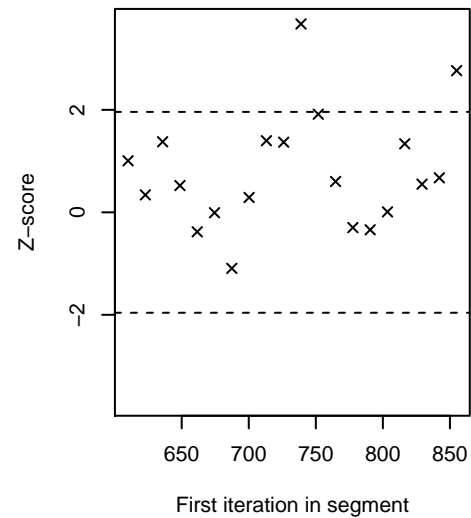
N.ya[23,3] (chain1)



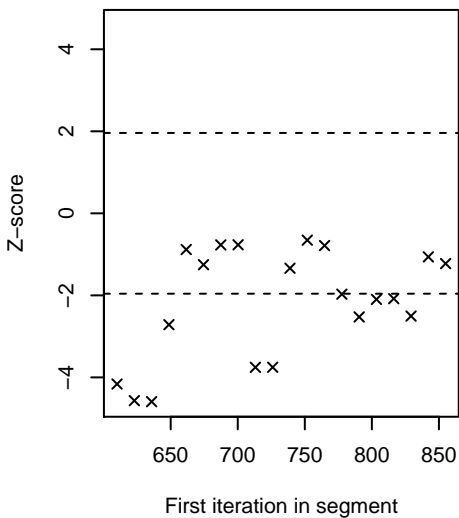
N.ya[24,3] (chain1)



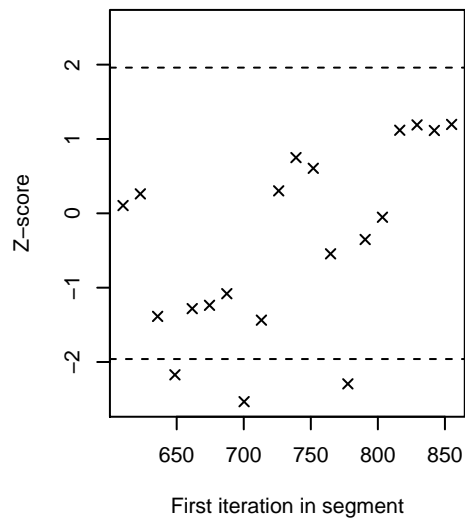
N.ya[25,3] (chain1)



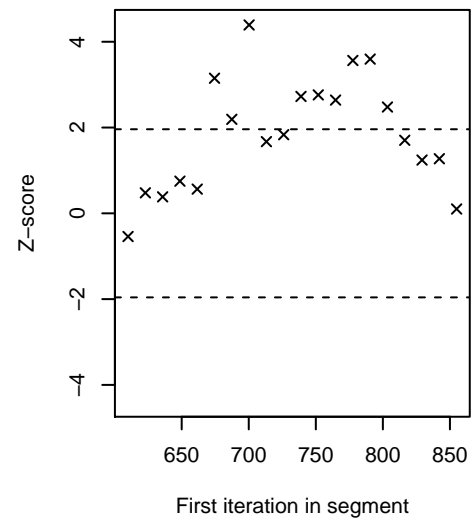
N.ya[26,3] (chain1)



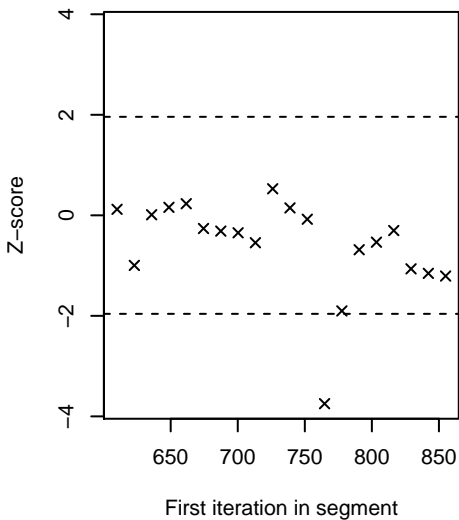
N.ya[27,3] (chain1)



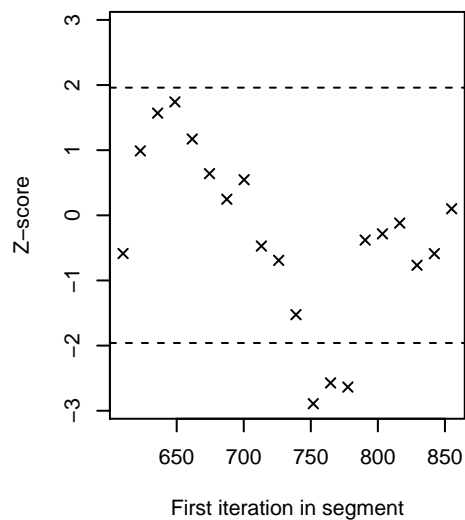
N.ya[28,3] (chain1)



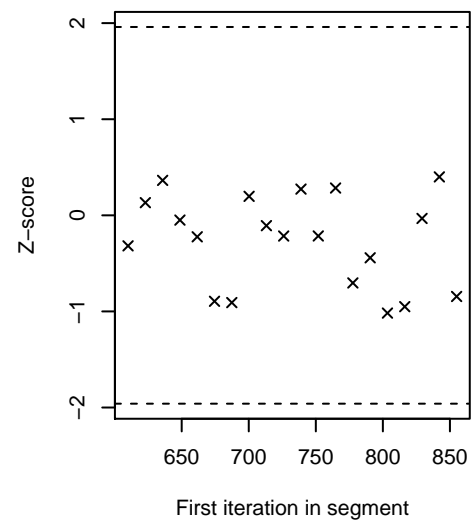
N.ya[29,3] (chain1)



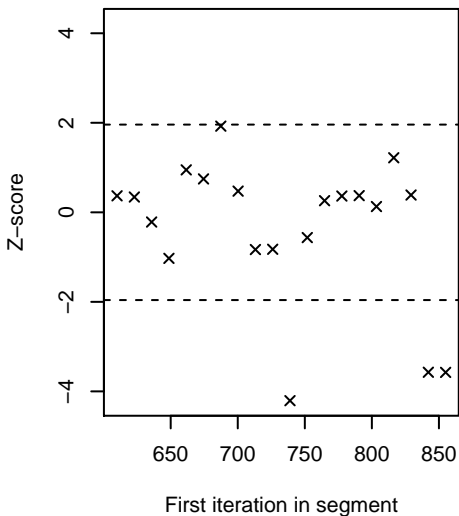
N.ya[30,3] (chain1)



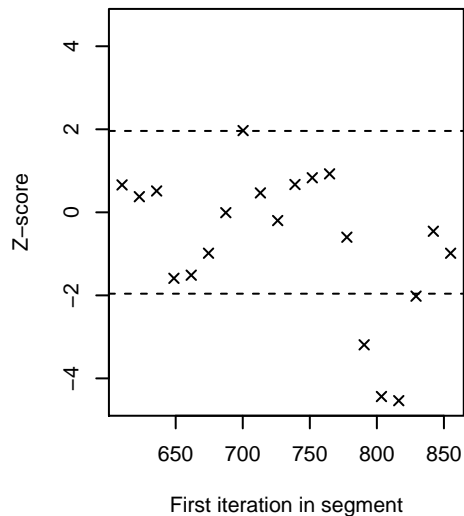
N.ya[31,3] (chain1)



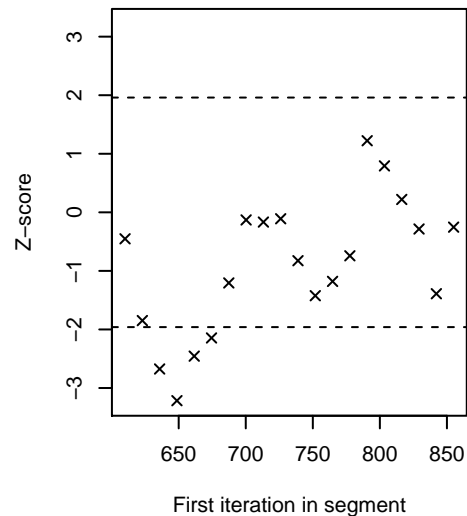
N.ya[32,3] (chain1)



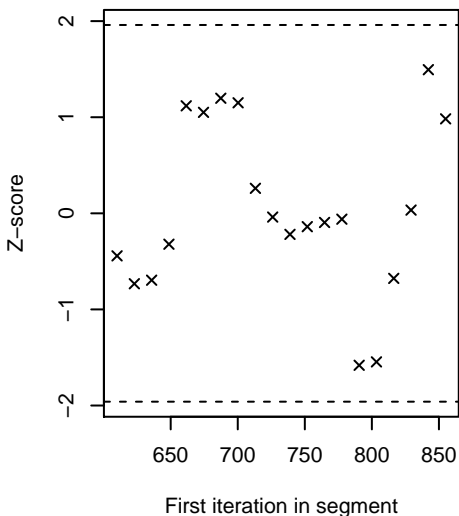
N.ya[33,3] (chain1)



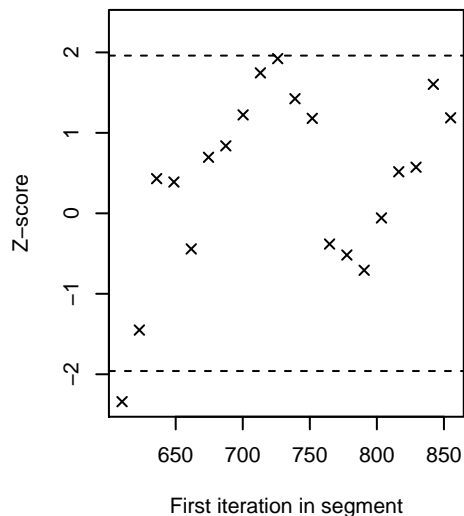
N.ya[34,3] (chain1)



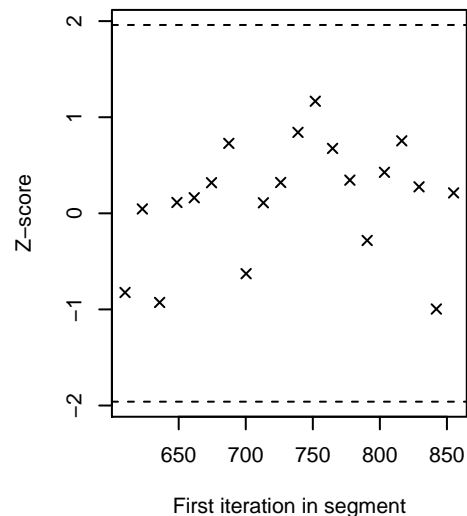
N.ya[35,3] (chain1)



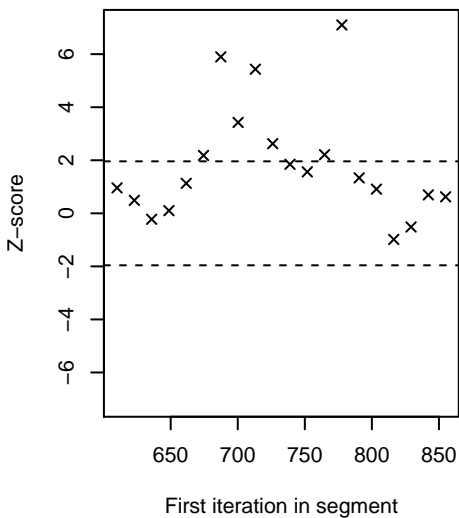
N.ya[36,3] (chain1)



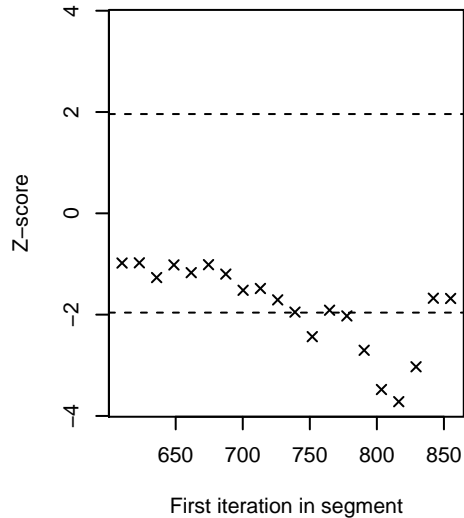
N.ya[37,3] (chain1)



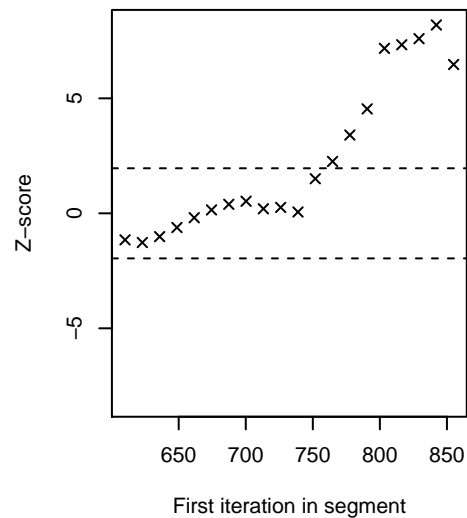
R[1] (chain1)

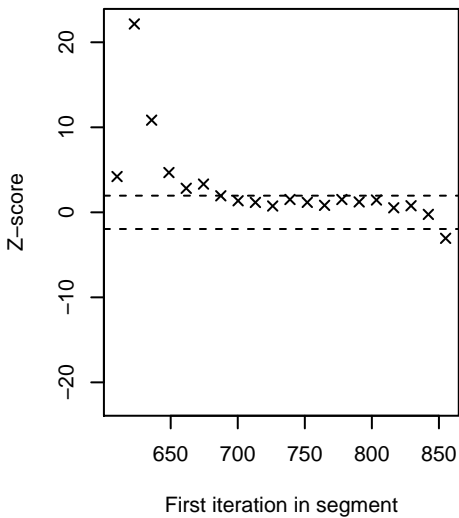
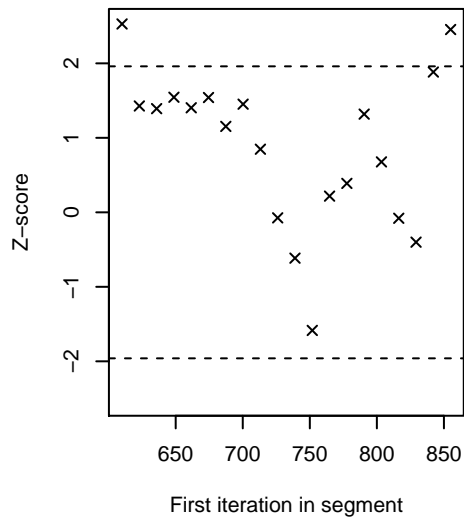
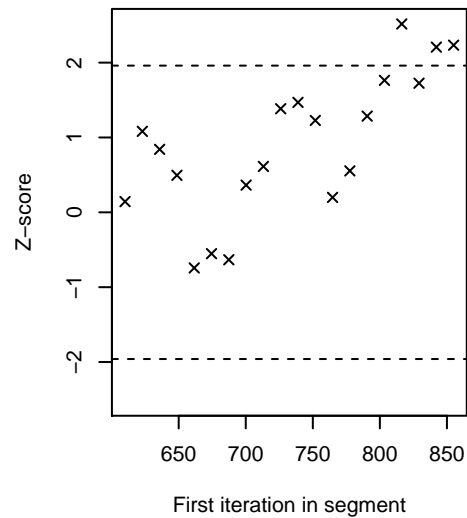
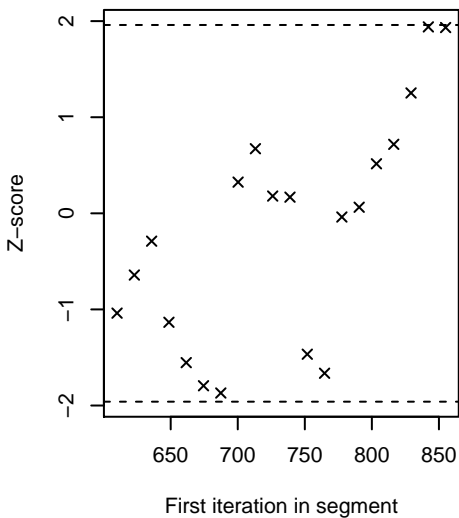
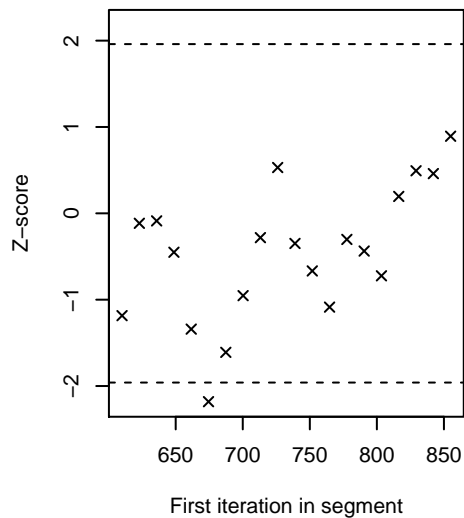
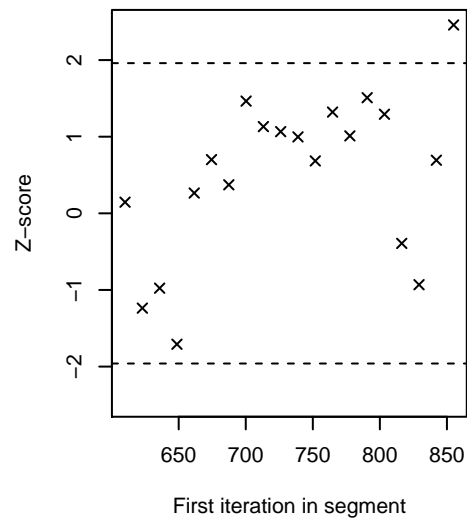
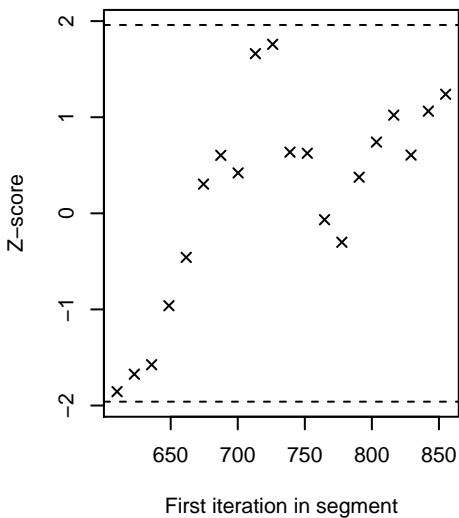
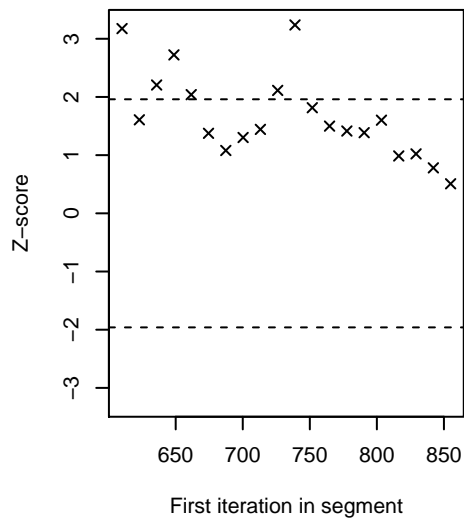
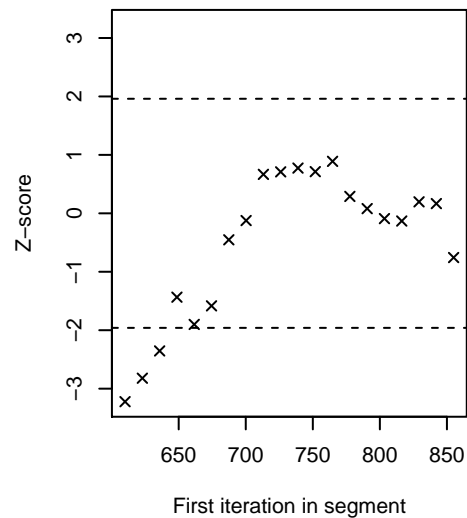


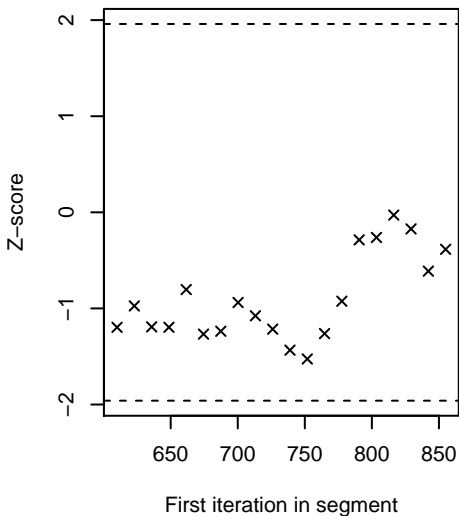
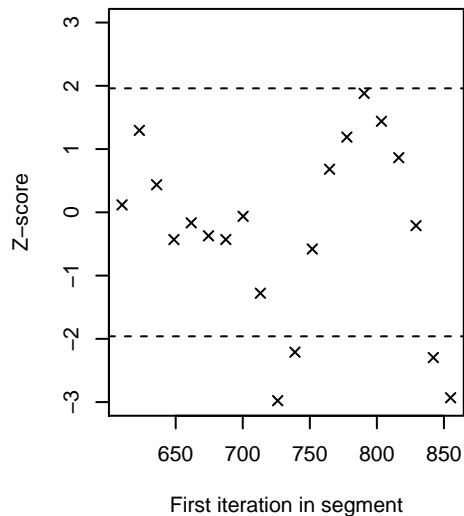
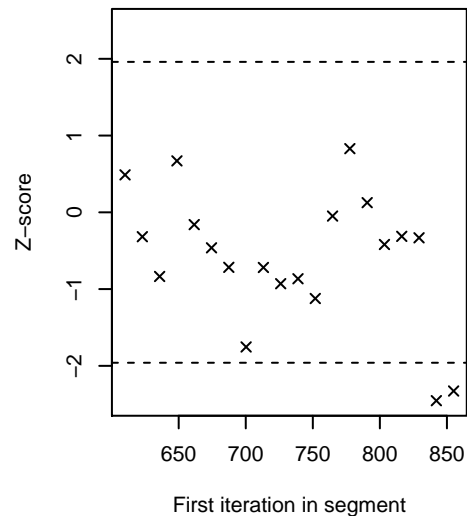
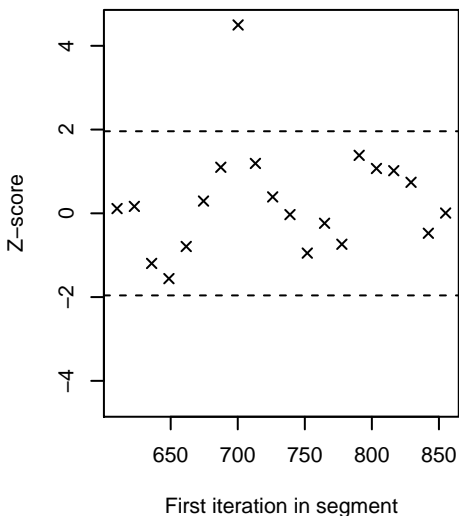
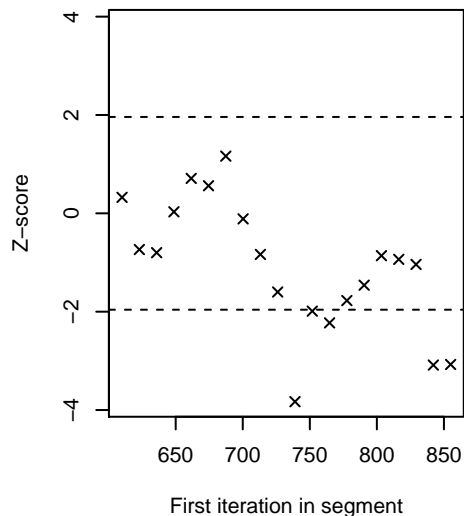
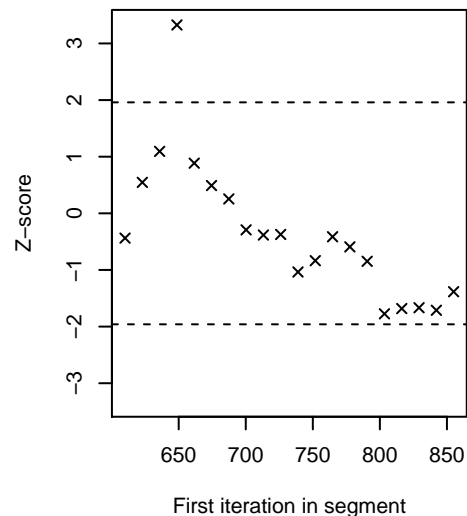
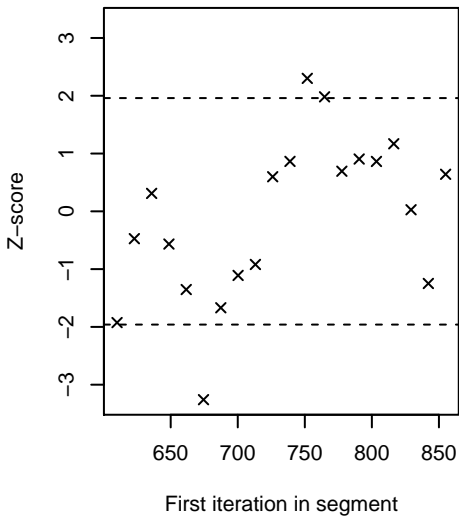
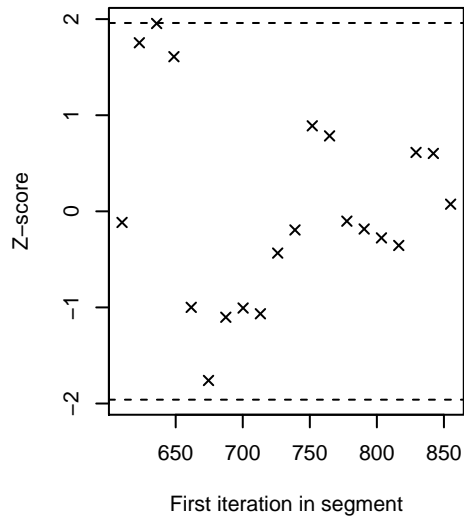
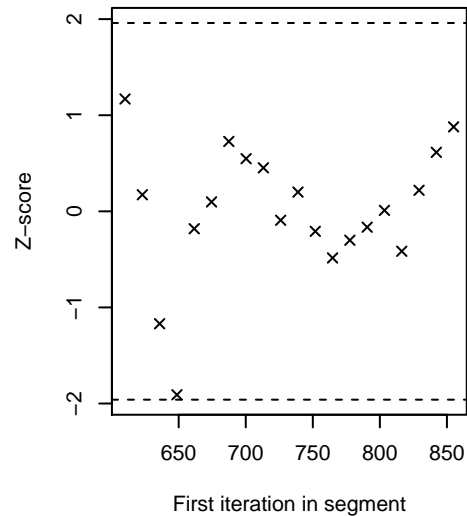
R[2] (chain1)

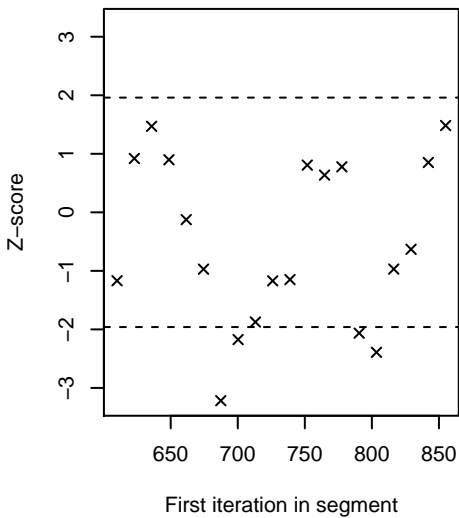
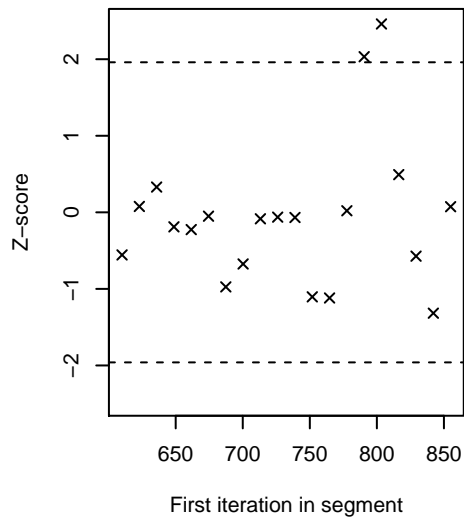
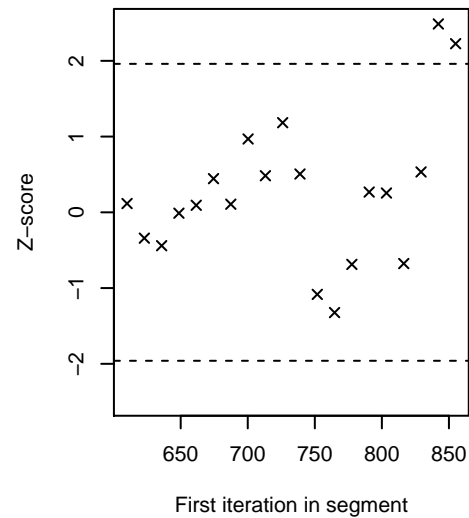
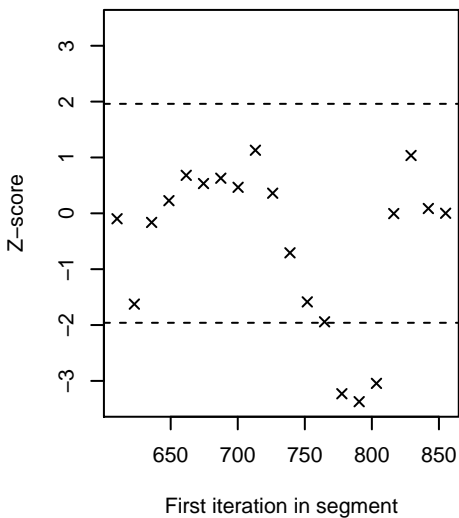
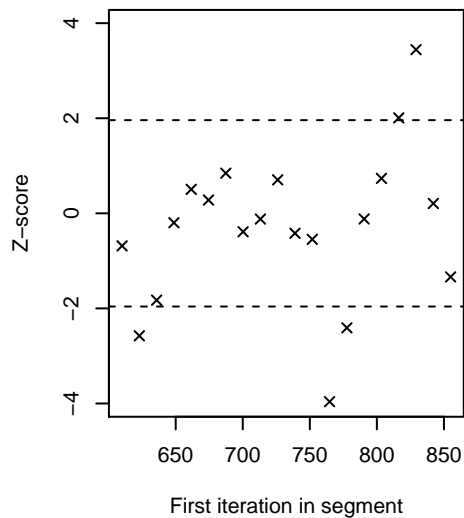
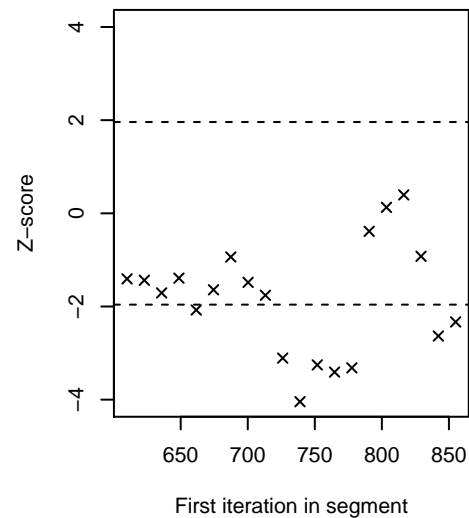
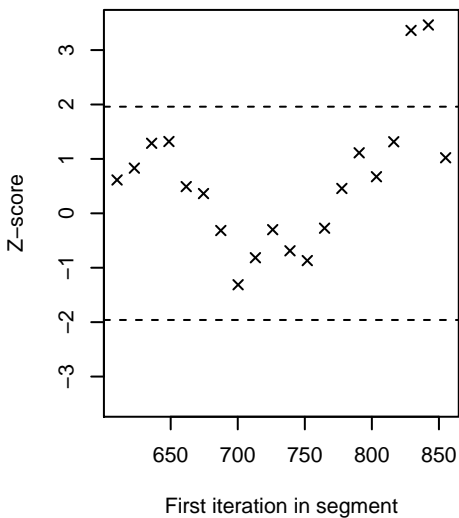
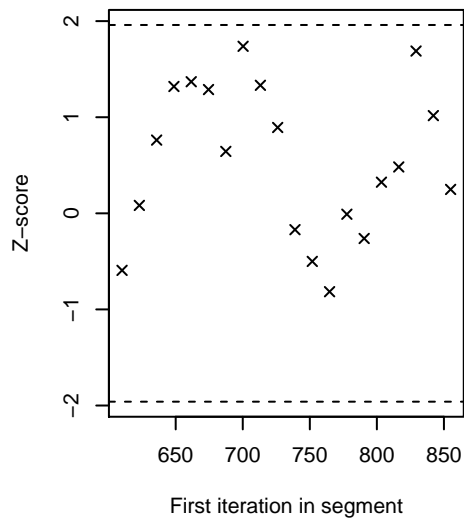
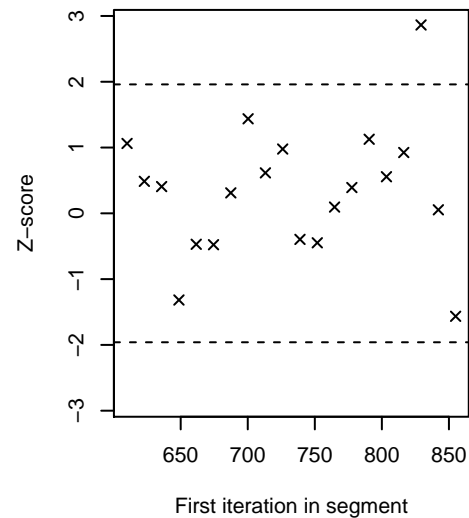


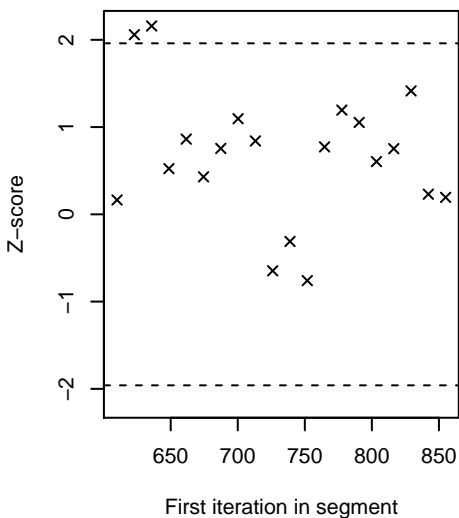
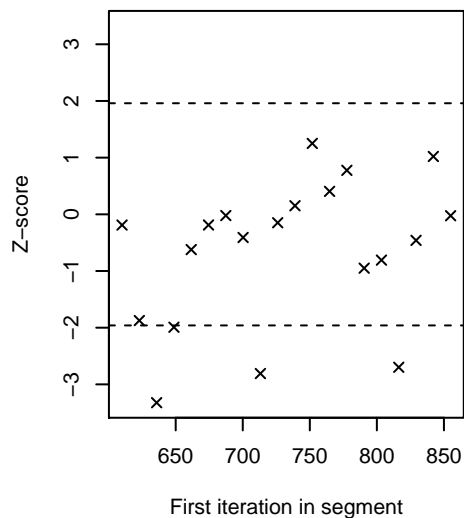
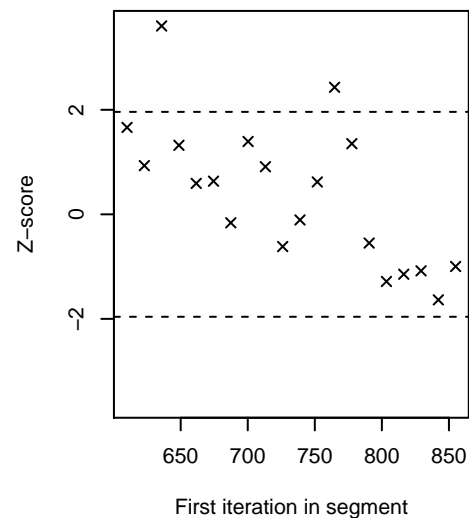
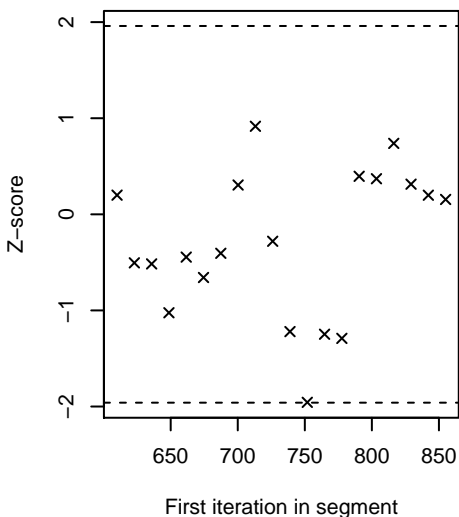
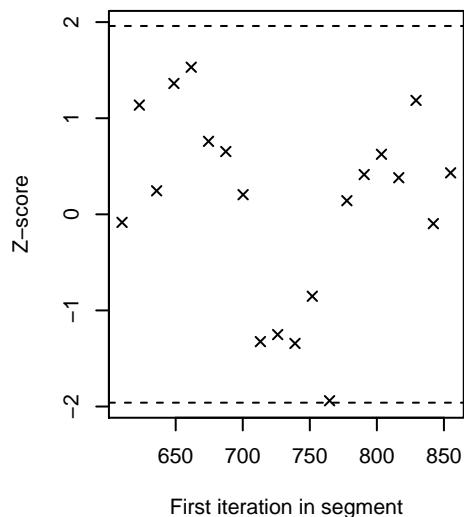
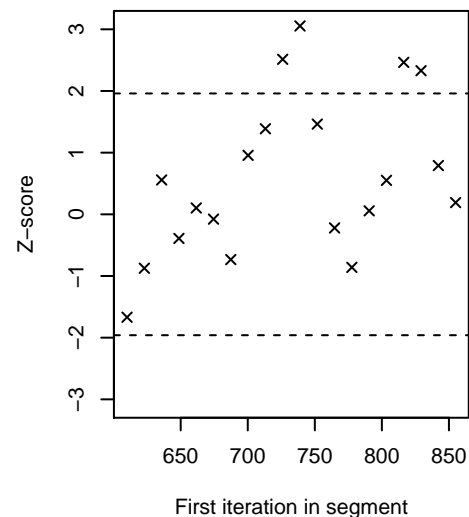
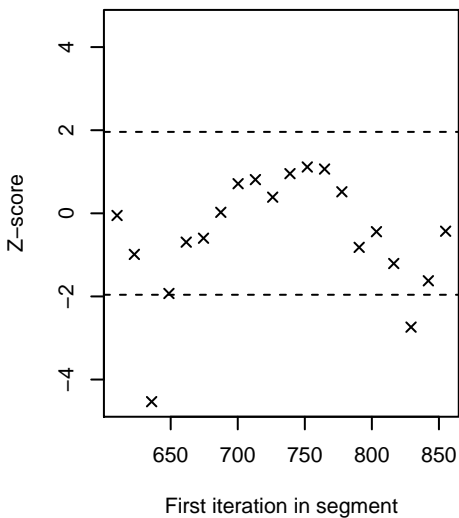
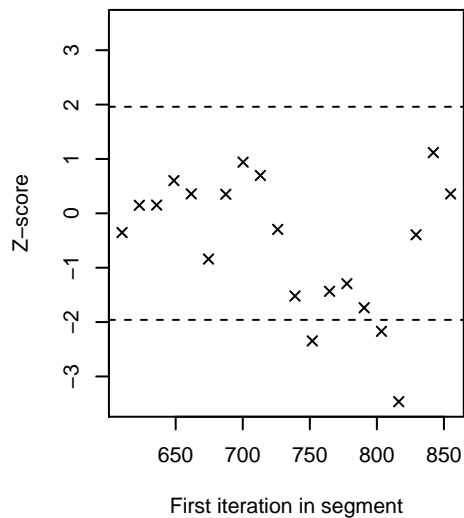
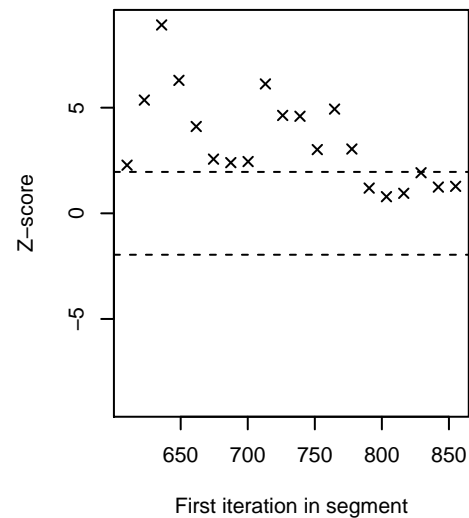
R[3] (chain1)

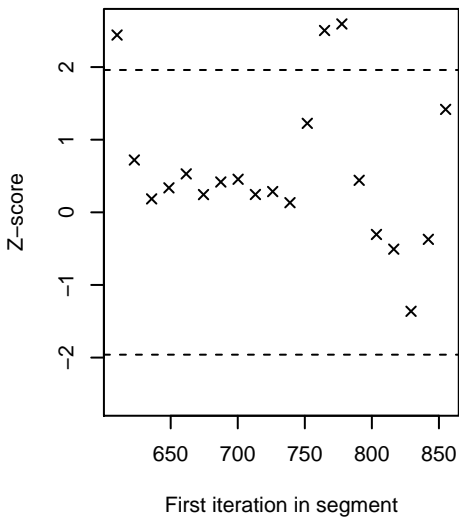
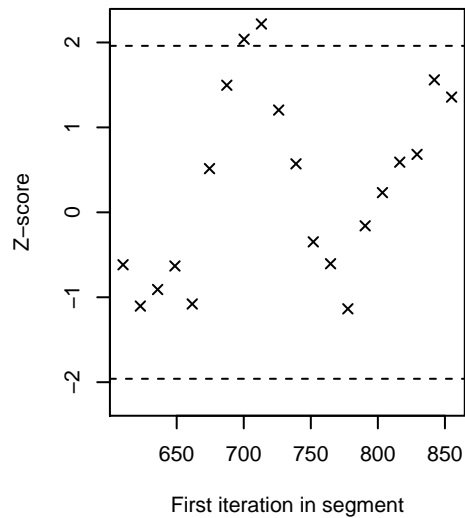
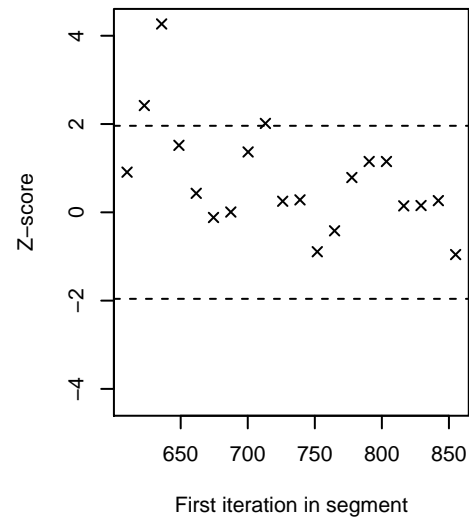
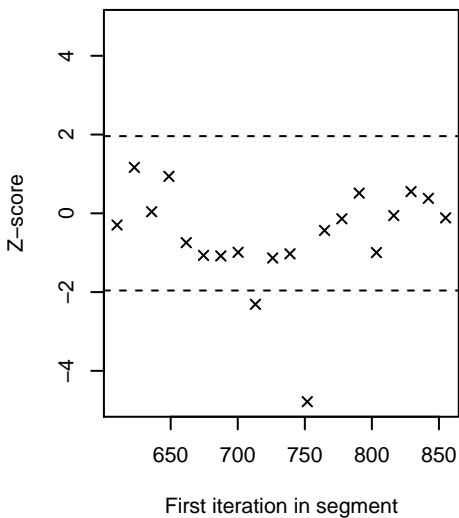
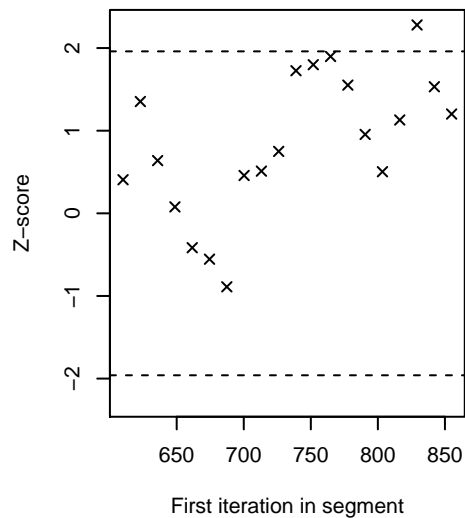
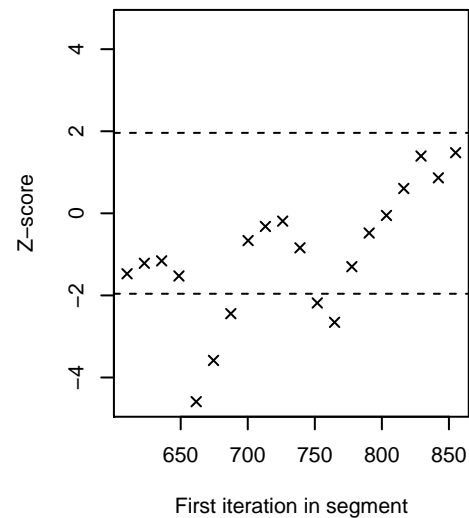
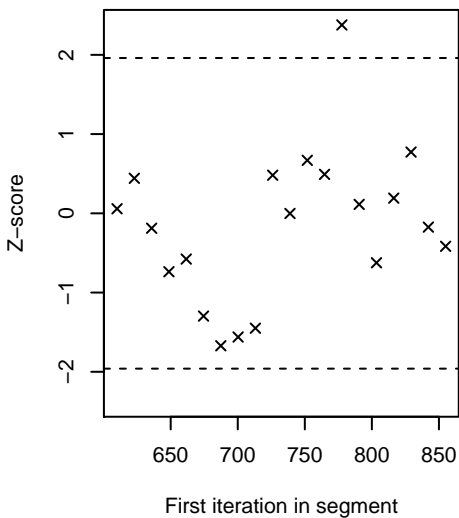
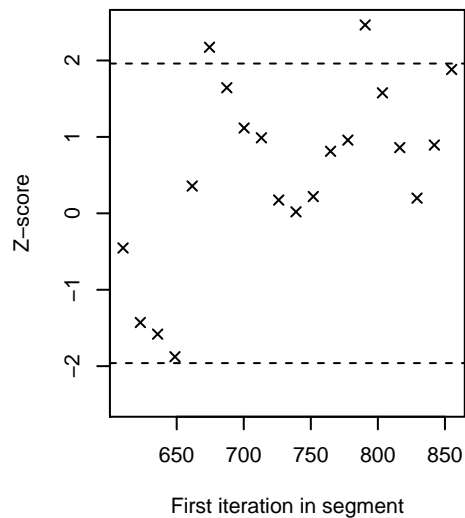
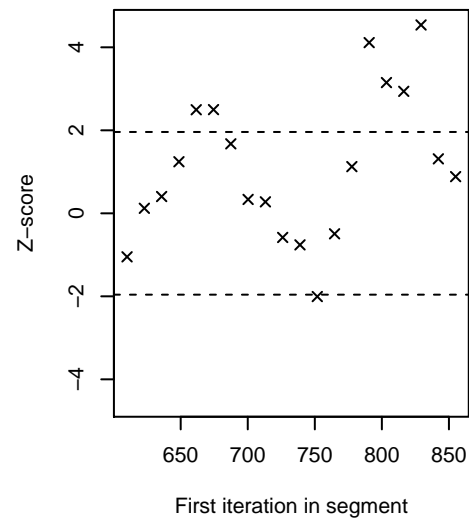


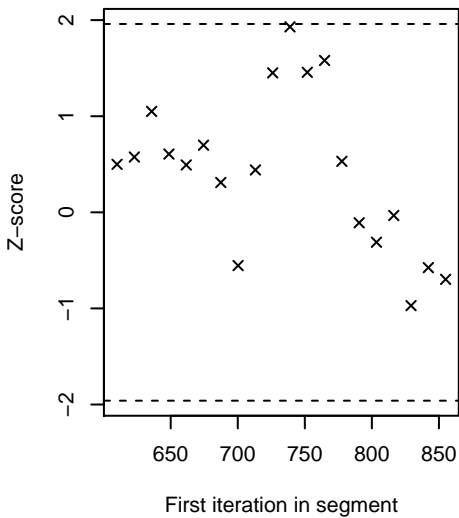
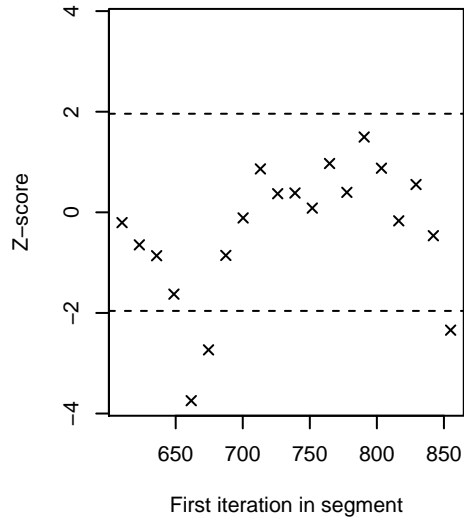
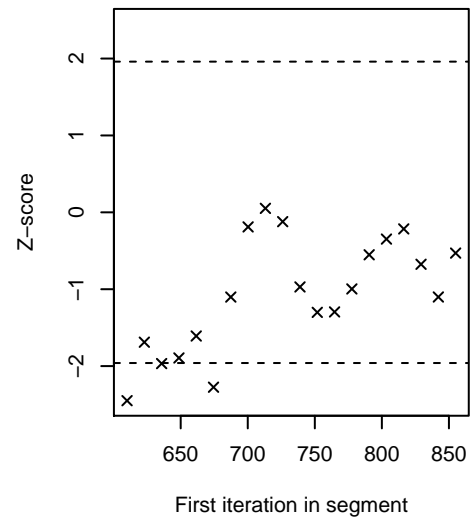
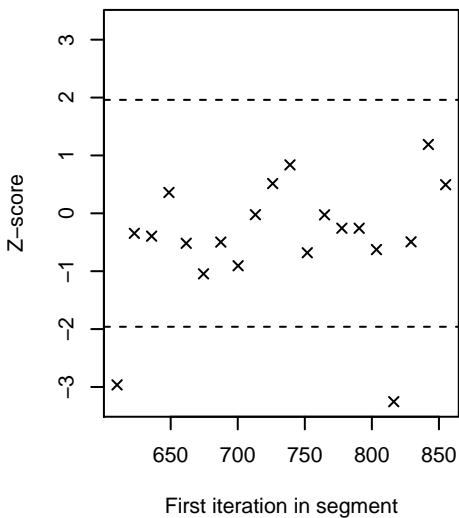
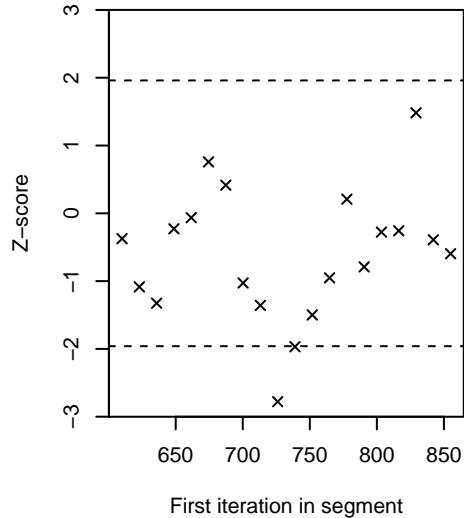
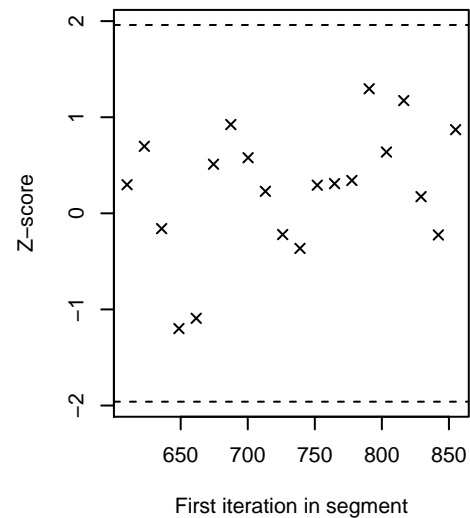
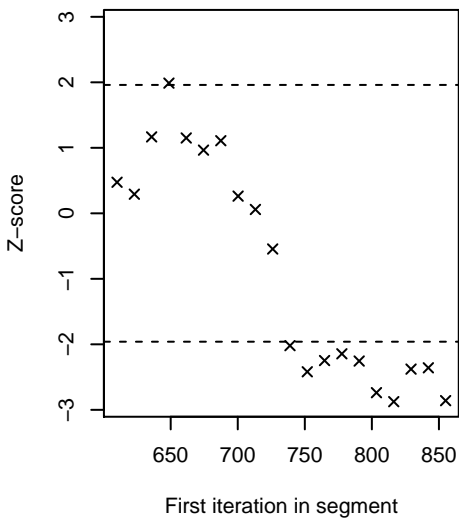
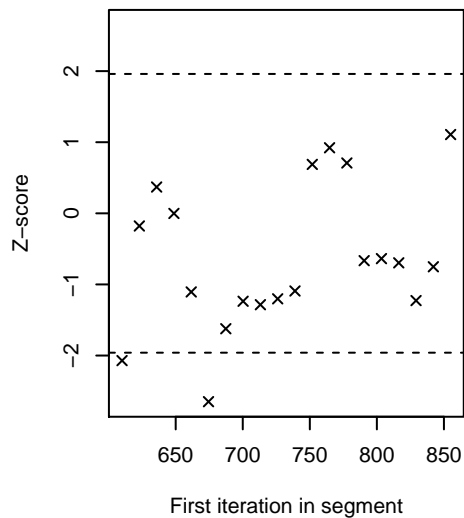
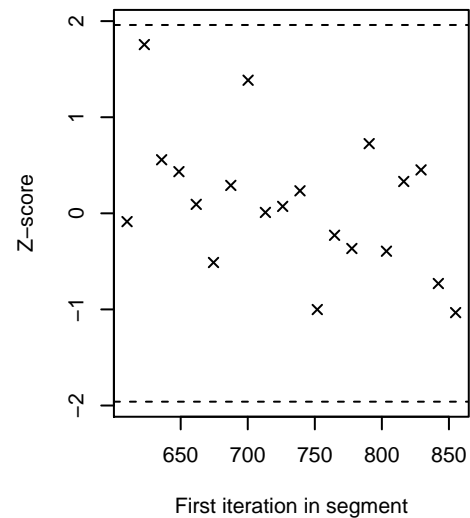
R[4] (chain1)**R[5] (chain1)****R[6] (chain1)****R[7] (chain1)****R[8] (chain1)****R[9] (chain1)****R[10] (chain1)****R[11] (chain1)****R[12] (chain1)**

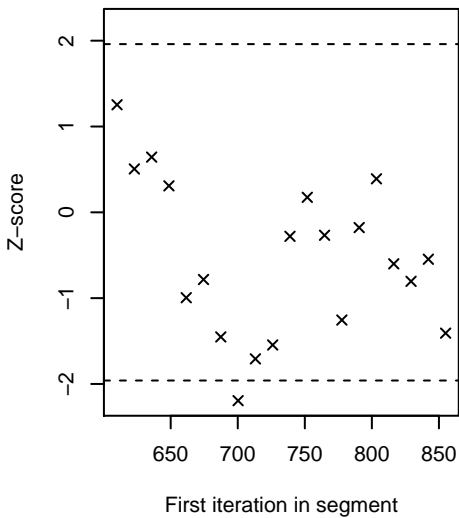
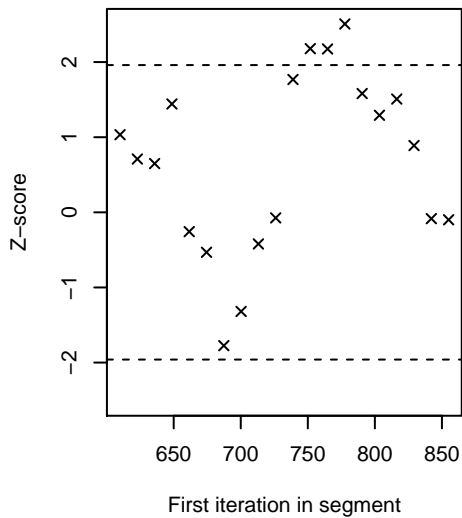
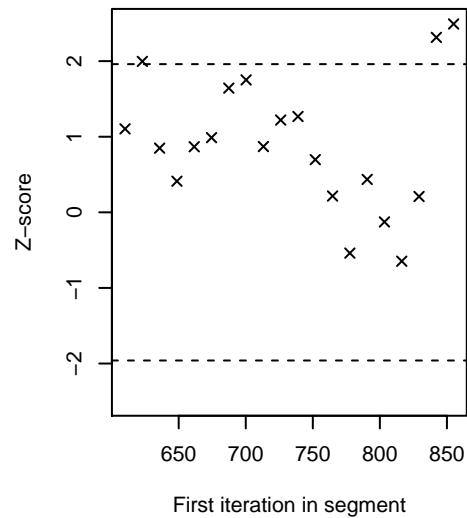
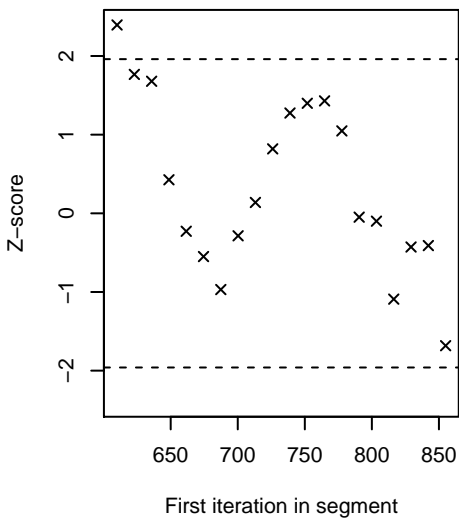
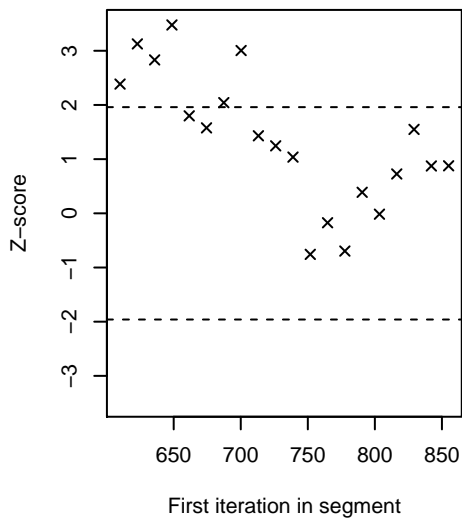
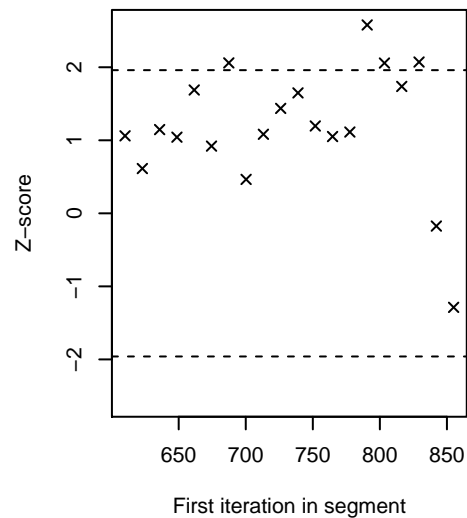
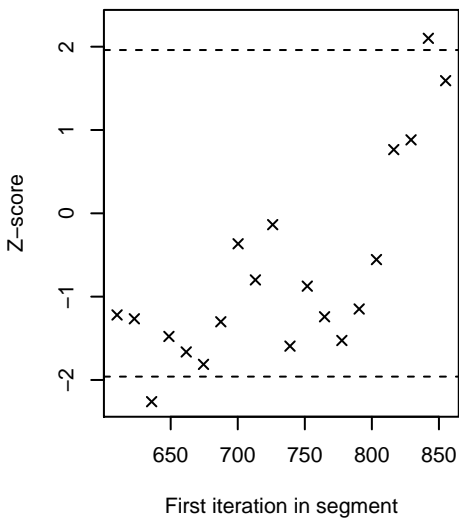
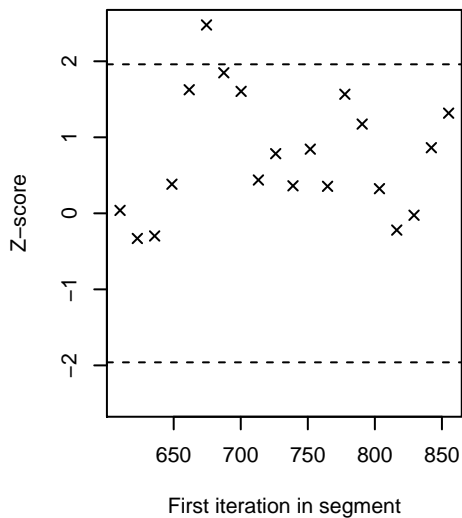
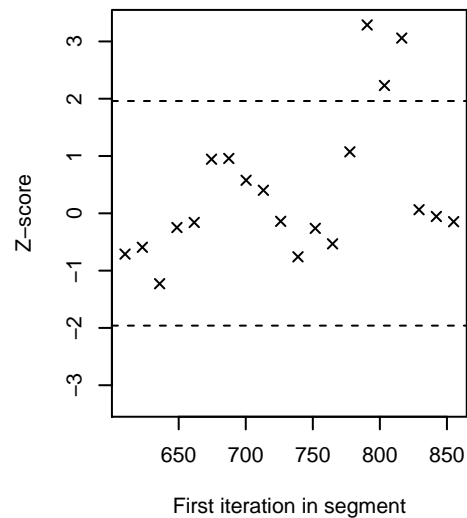
R[13] (chain1)**R[14] (chain1)****R[15] (chain1)****R[16] (chain1)****R[17] (chain1)****R[18] (chain1)****R[19] (chain1)****R[20] (chain1)****R[21] (chain1)**

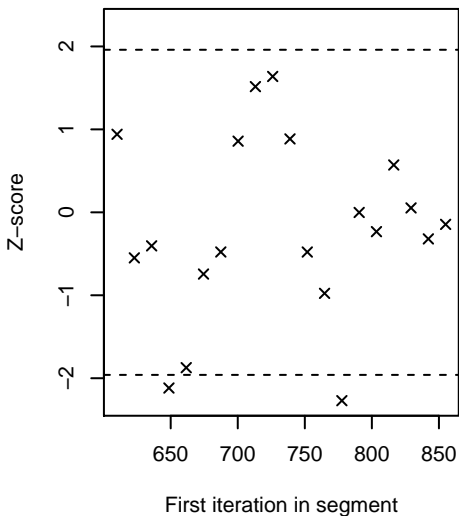
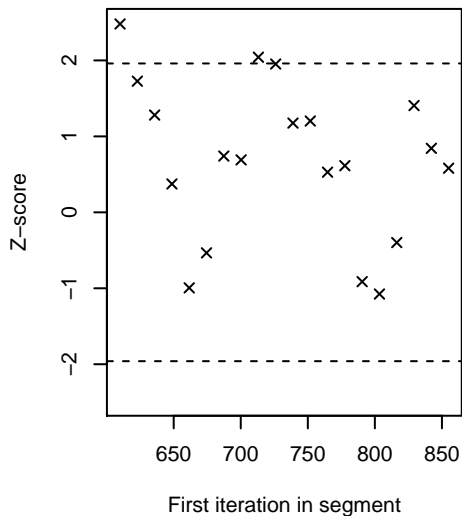
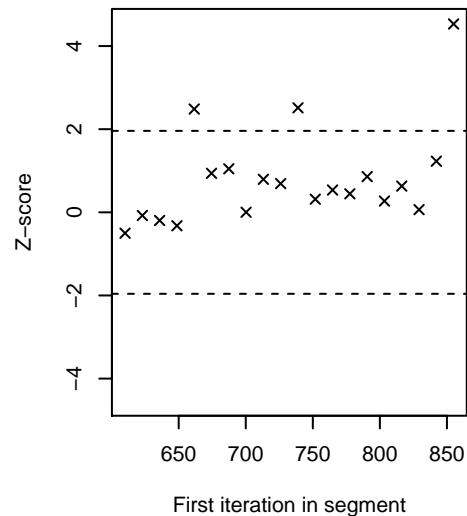
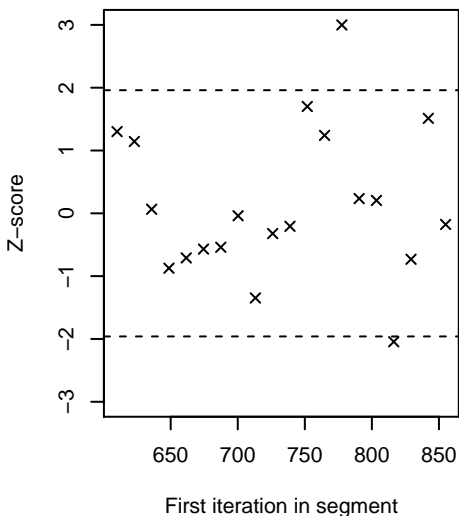
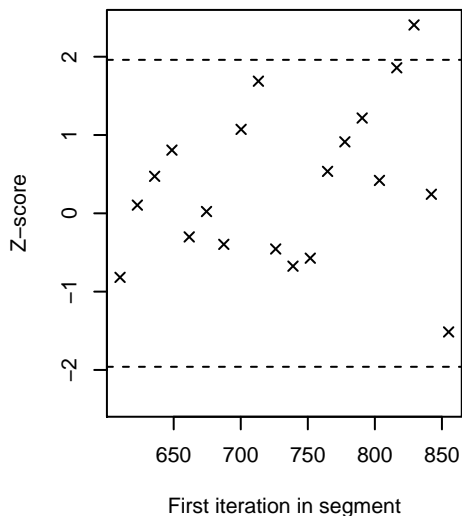
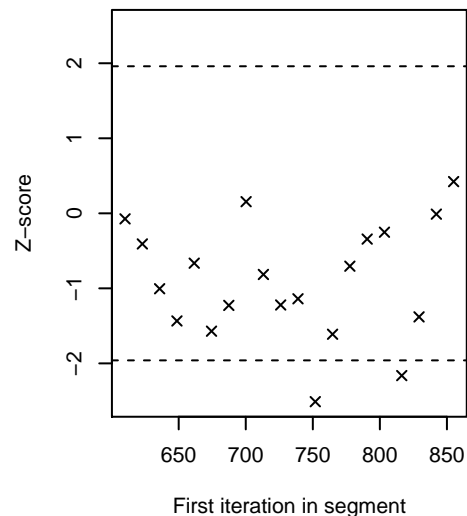
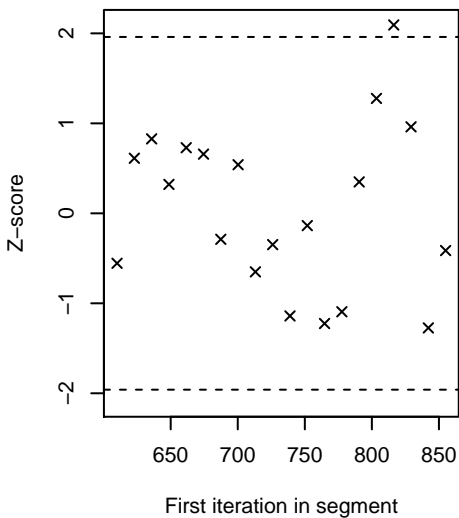
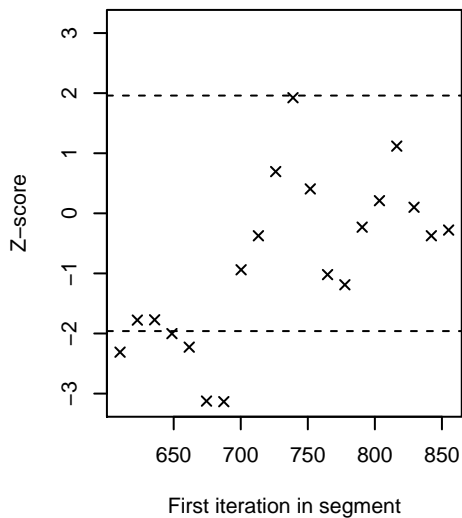
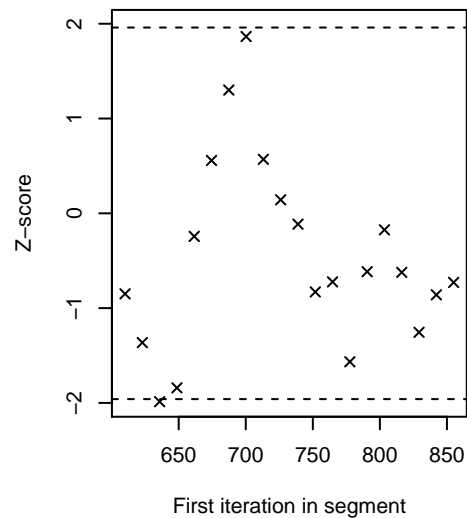
R[22] (chain1)**R[23] (chain1)****R[24] (chain1)****R[25] (chain1)****R[26] (chain1)****R[27] (chain1)****R[28] (chain1)****R[29] (chain1)****R[30] (chain1)**

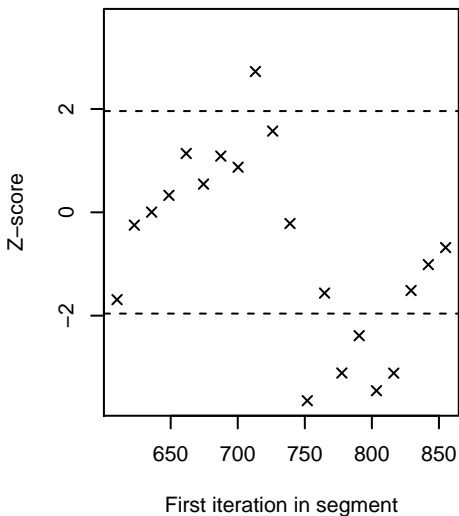
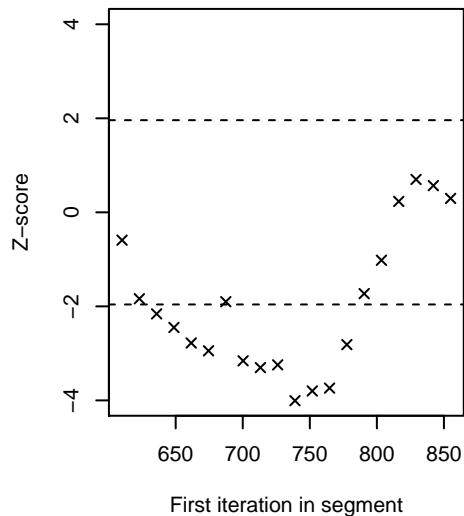
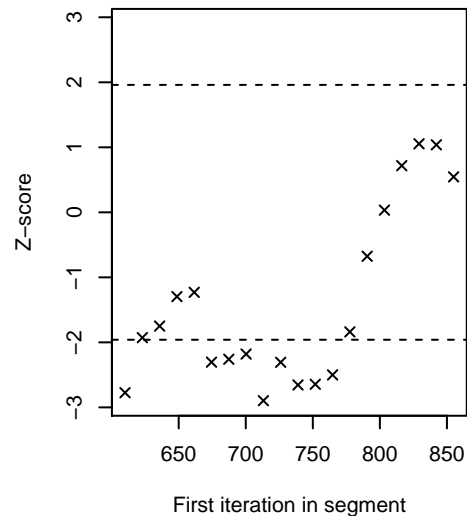
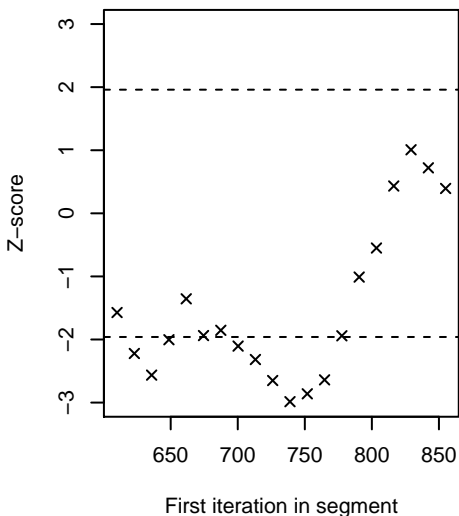
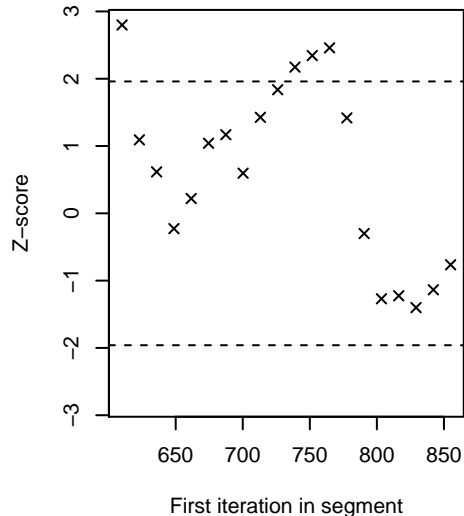
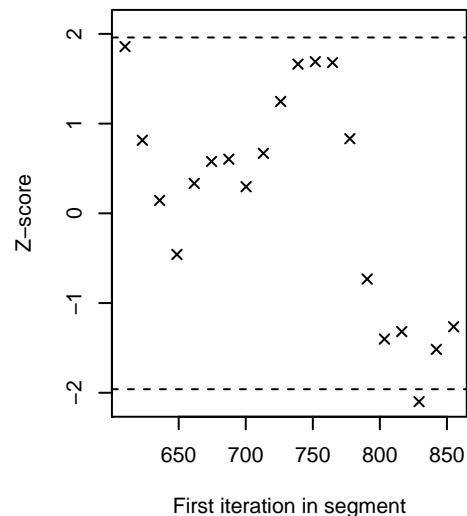
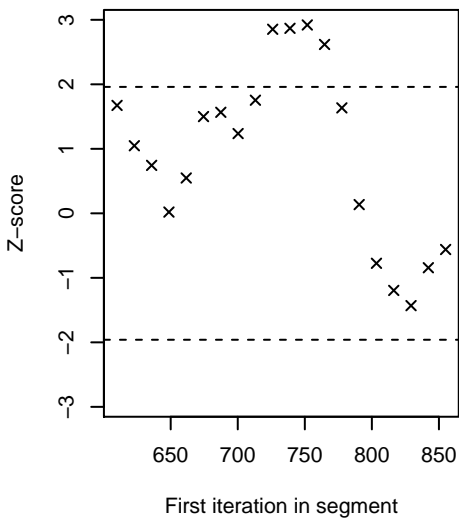
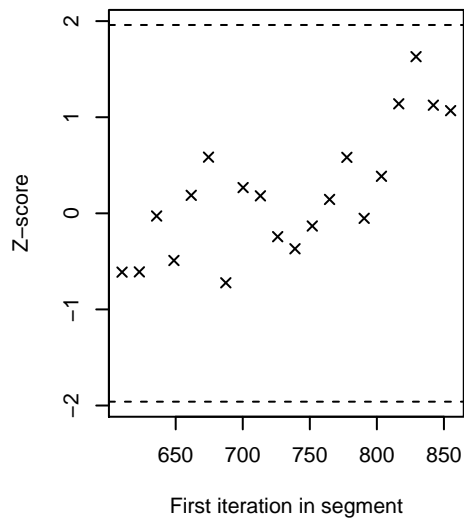
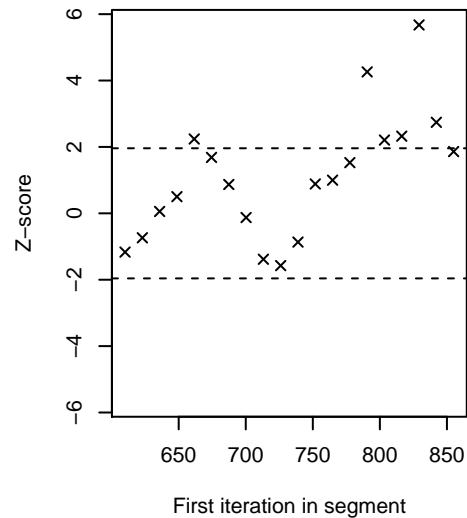
R[31] (chain1)**R[32] (chain1)****R[33] (chain1)****R[34] (chain1)****R[35] (chain1)****R[36] (chain1)****R[37] (chain1)****R[38] (chain1)****R[39] (chain1)**

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)****beta (chain1)****h.b[1] (chain1)****h.b[2] (chain1)**

h.b[3] (chain1)

