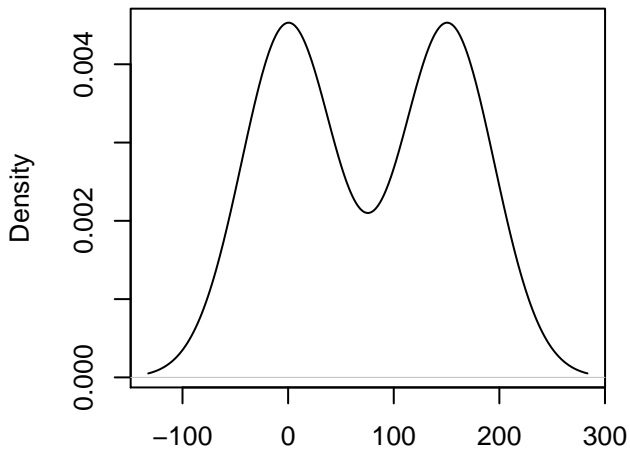
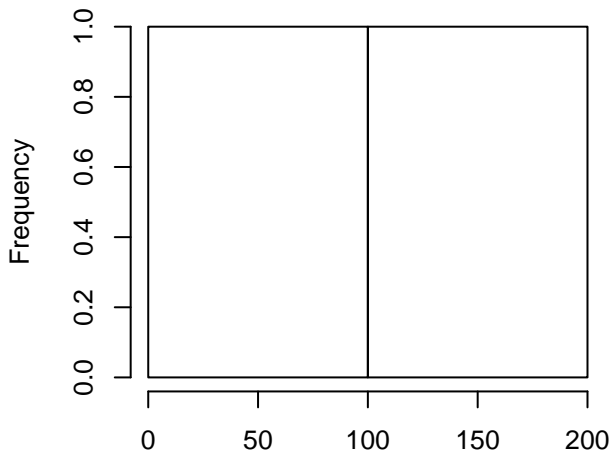


Bp = 2 line = MAGIC.287 , Chr = 1



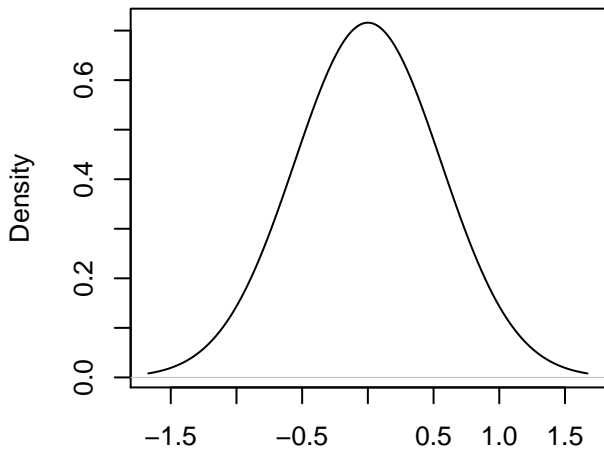
N = 2 Bandwidth = 44.14
breakpoint: 2956055 - 2956056 ct-1 sf-2

line = MAGIC.287 , Chr = 1



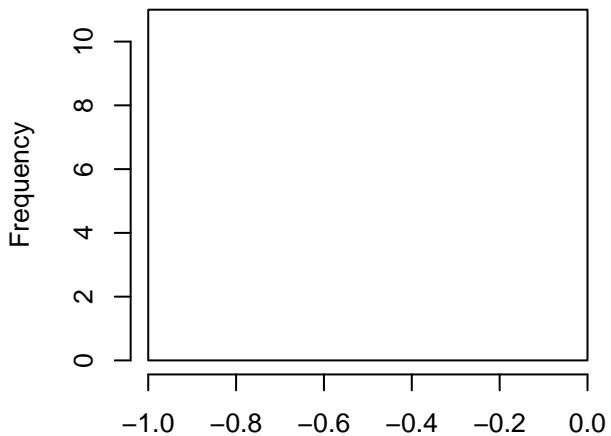
breakpoint: 2956055 - 2956056 ct-1 sf-2

Bp = 3 line = MAGIC.287 , Chr = 1



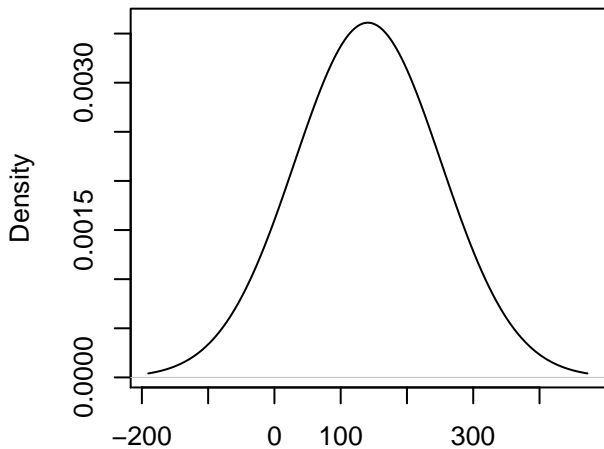
N = 11 Bandwidth = 0.5571
breakpoint: 2964019 - 2964038 sf-2 ct-1

line = MAGIC.287 , Chr = 1



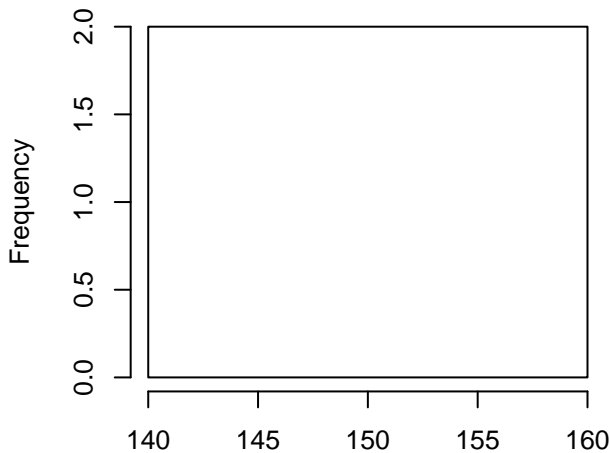
breakpoint: 2964019 - 2964038 sf-2 ct-1

Bp = 4 line = MAGIC.287 , Chr = 1



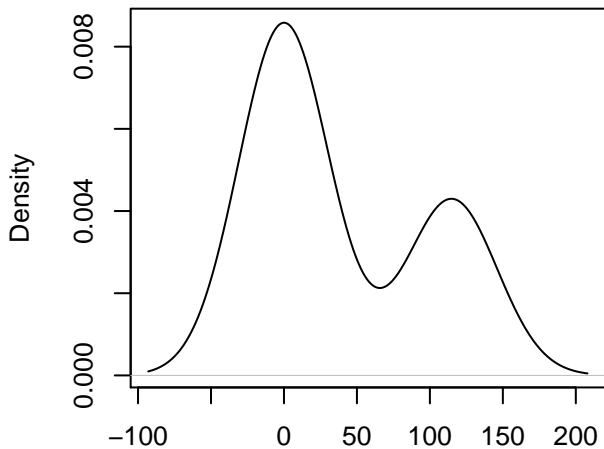
N = 2 Bandwidth = 110.5
breakpoint: 8485995 – 8486086 ct-1 zu-0

line = MAGIC.287 , Chr = 1



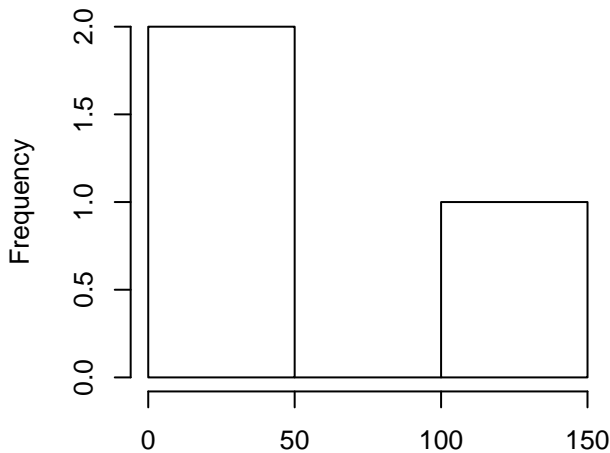
breakpoint: 8485995 – 8486086 ct-1 zu-0

Bp = 6 line = MAGIC.287 , Chr = 1



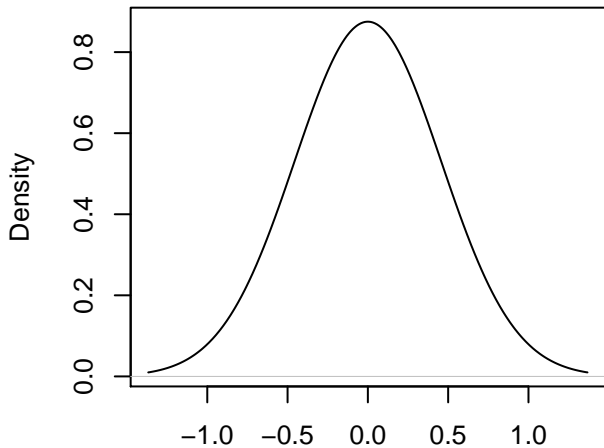
N = 3 Bandwidth = 31
breakpoint: 12660199 – 12660213 ws-0 zu-0

line = MAGIC.287 , Chr = 1



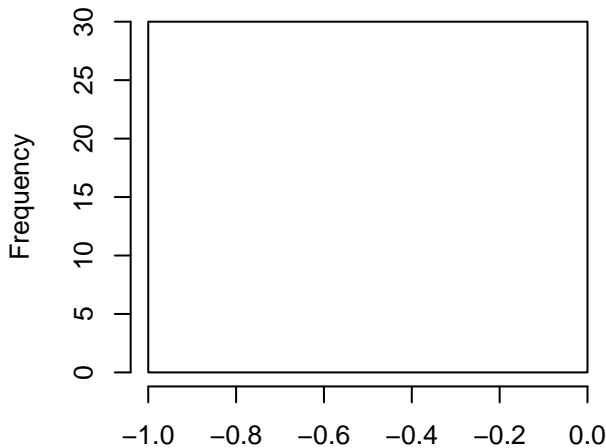
breakpoint: 12660199 – 12660213 ws-0 zu-0

Bp = 7 line = MAGIC.287 , Chr = 1



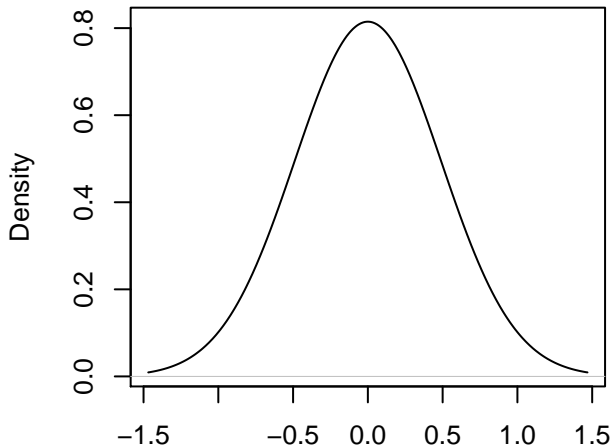
N = 30 Bandwidth = 0.4558
breakpoint: 16435623 - 16435661 zu-0 bur-0

line = MAGIC.287 , Chr = 1



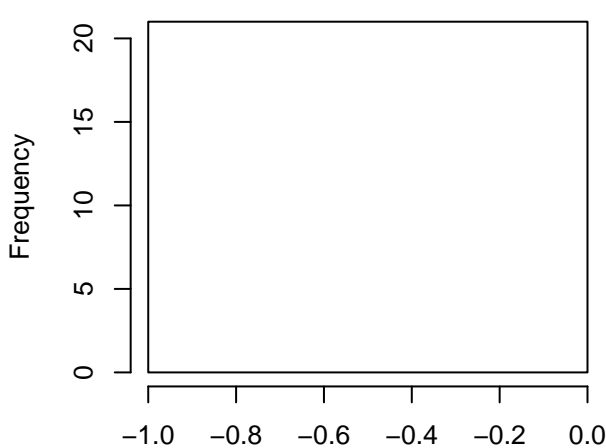
breakpoint: 16435623 - 16435661 zu-0 bur-0

Bp = 10 line = MAGIC.287 , Chr = 1



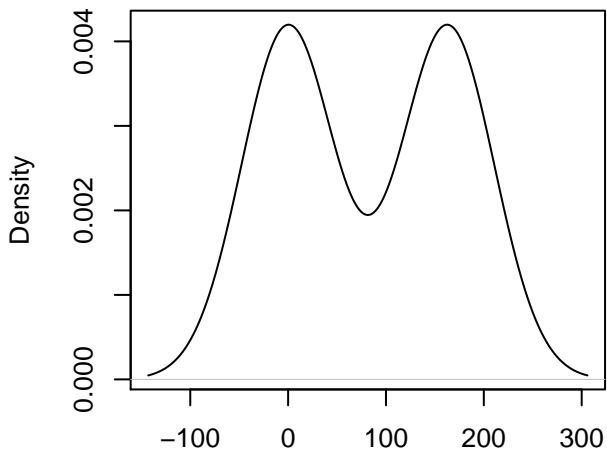
N = 21 Bandwidth = 0.4896
breakpoint: 17026896 - 17026899 ws-0 oy-0

line = MAGIC.287 , Chr = 1



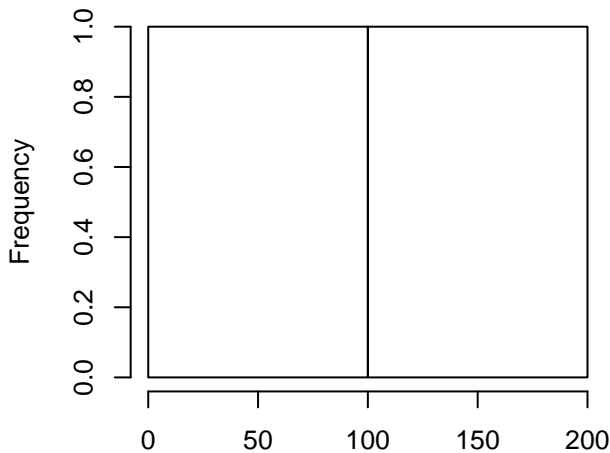
breakpoint: 17026896 - 17026899 ws-0 oy-0

Bp = 11 line = MAGIC.287 , Chr = 1



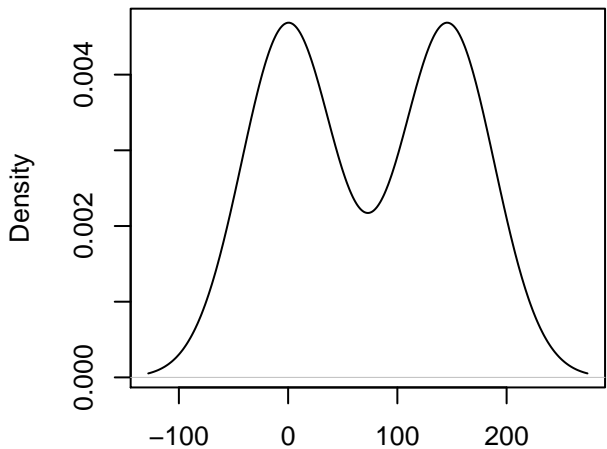
N = 2 Bandwidth = 47.65
breakpoint: 17029273 – 17029278 oy-0 zu-0

line = MAGIC.287 , Chr = 1



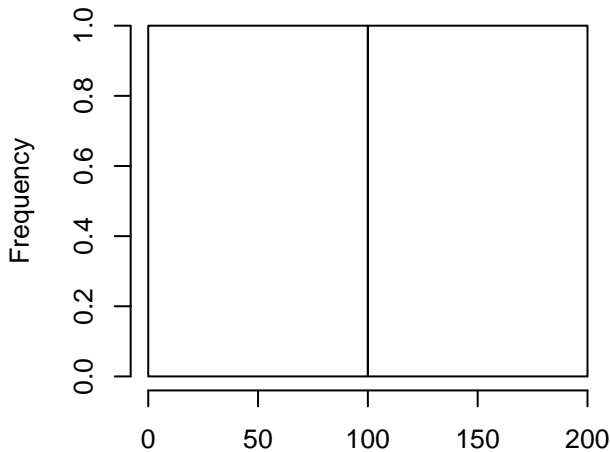
breakpoint: 17029273 – 17029278 oy-0 zu-0

Bp = 13 line = MAGIC.287 , Chr = 1



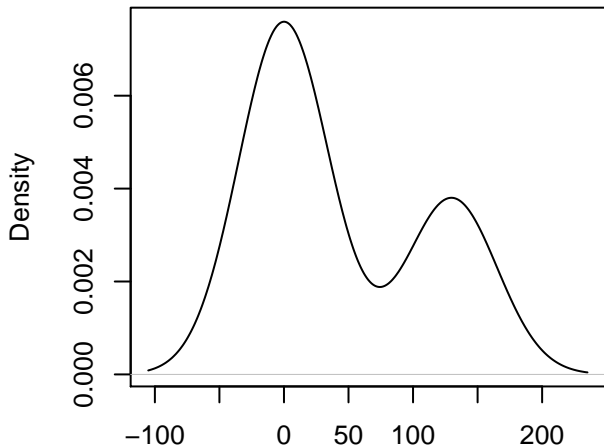
N = 2 Bandwidth = 42.68
breakpoint: 24175145 – 24175154 no-0 mt-0

line = MAGIC.287 , Chr = 1



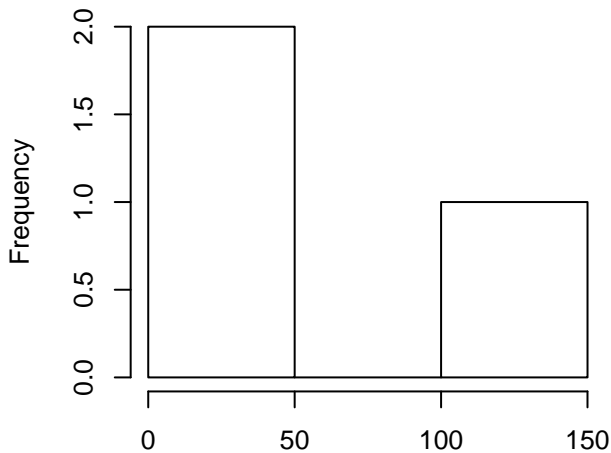
breakpoint: 24175145 – 24175154 no-0 mt-0

Bp = 14 line = MAGIC.287 , Chr = 1



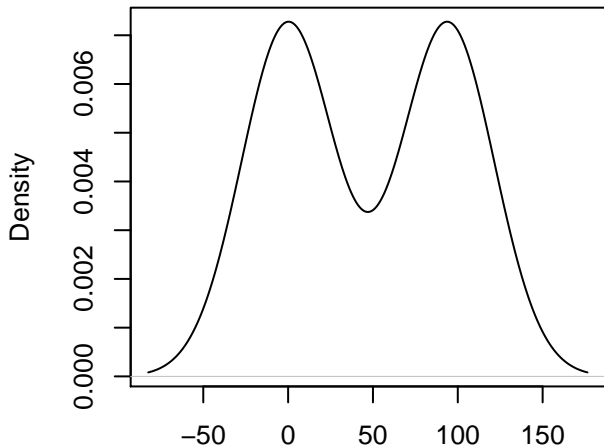
N = 3 Bandwidth = 35.05
breakpoint: 24177236 – 24177238 mt-0 no-0

line = MAGIC.287 , Chr = 1



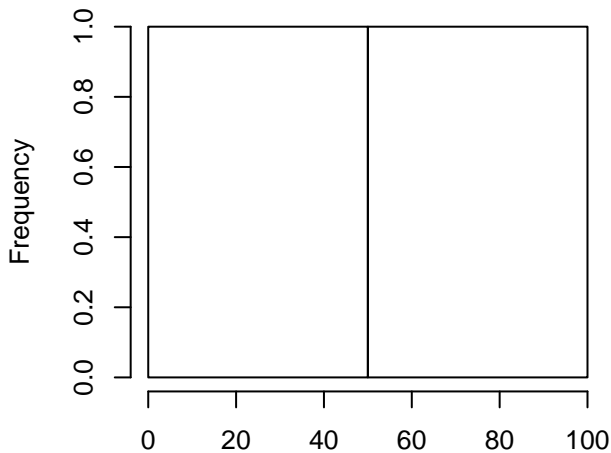
breakpoint: 24177236 – 24177238 mt-0 no-0

Bp = 17 line = MAGIC.287 , Chr = 2



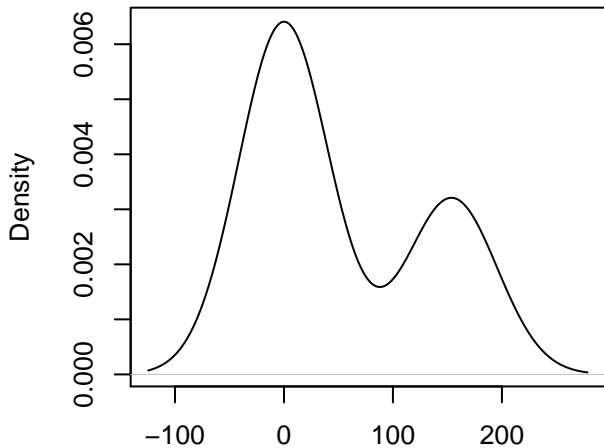
N = 2 Bandwidth = 27.48
breakpoint: 9255143 – 9255198 can-0 tsu-0

line = MAGIC.287 , Chr = 2



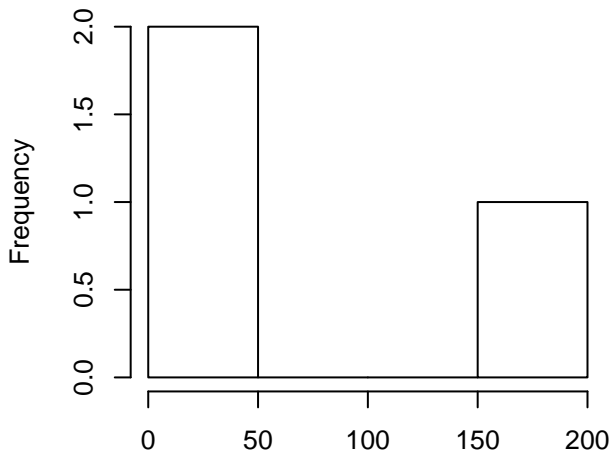
breakpoint: 9255143 – 9255198 can-0 tsu-0

Bp = 18 line = MAGIC.287 , Chr = 3



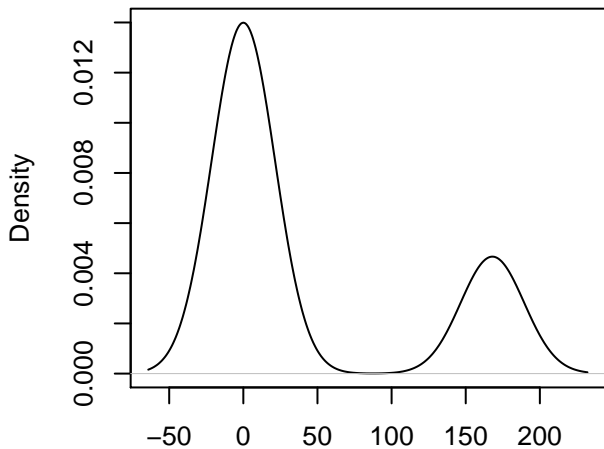
N = 3 Bandwidth = 41.51
breakpoint: 1799746 – 1799747 tsu-0 ct-1

line = MAGIC.287 , Chr = 3



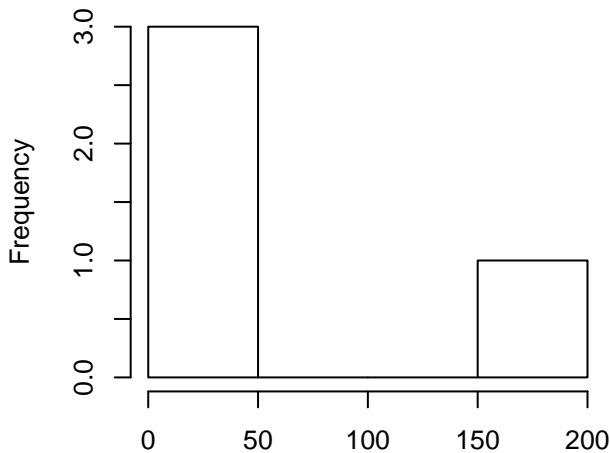
breakpoint: 1799746 – 1799747 tsu-0 ct-1

Bp = 20 line = MAGIC.287 , Chr = 3



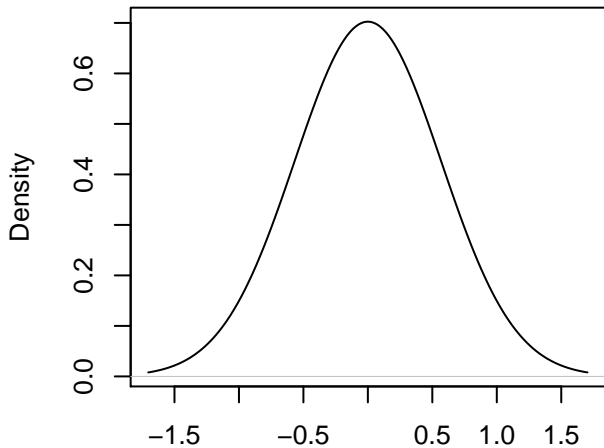
N = 4 Bandwidth = 21.38
breakpoint: 2065845 – 2066099 tsu-0 ct-1

line = MAGIC.287 , Chr = 3



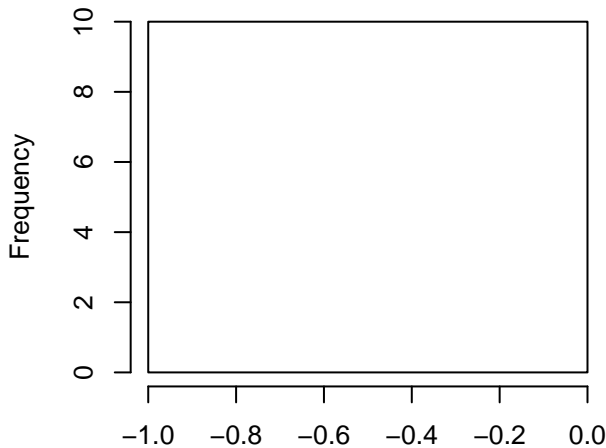
breakpoint: 2065845 – 2066099 tsu-0 ct-1

Bp = 22 line = MAGIC.287 , Chr = 3



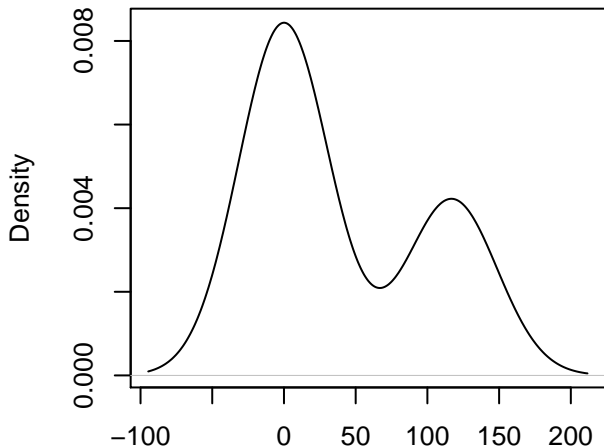
N = 10 Bandwidth = 0.5679
breakpoint: 2737780 – 2737782 bur-0 oy-0

line = MAGIC.287 , Chr = 3



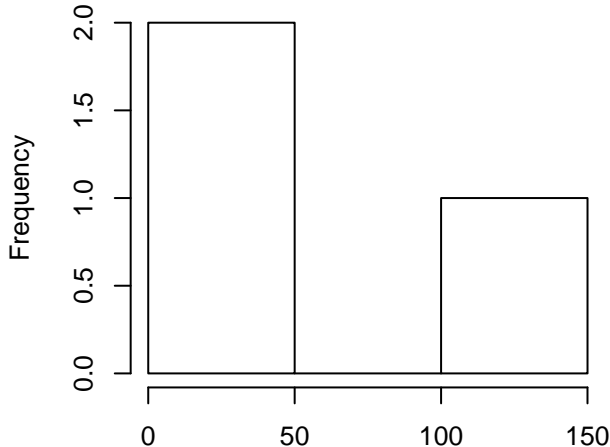
breakpoint: 2737780 – 2737782 bur-0 oy-0

Bp = 23 line = MAGIC.287 , Chr = 3



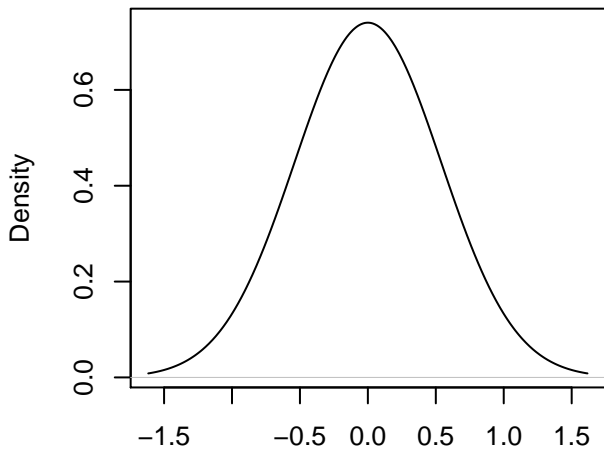
N = 3 Bandwidth = 31.54
breakpoint: 2742707 – 2742719 oy-0 bur-0

line = MAGIC.287 , Chr = 3



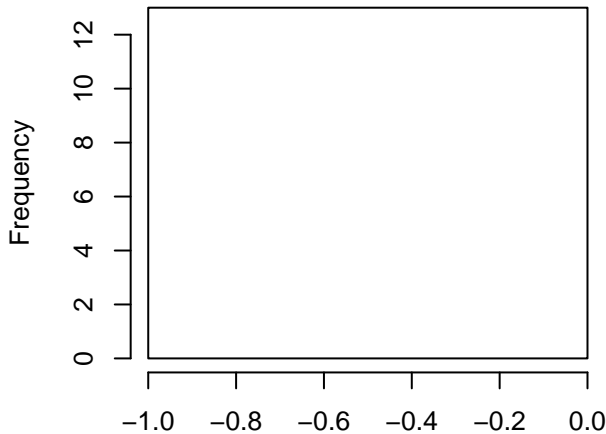
breakpoint: 2742707 – 2742719 oy-0 bur-0

Bp = 25 line = MAGIC.287 , Chr = 3



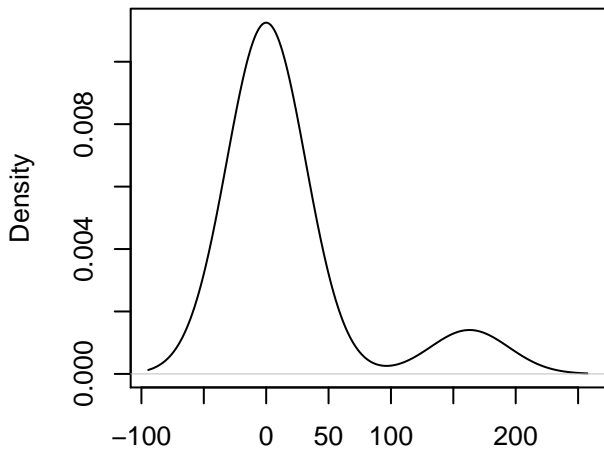
N = 13 Bandwidth = 0.5388
breakpoint: 9304536 – 9304539 ct-1 hi-0

line = MAGIC.287 , Chr = 3



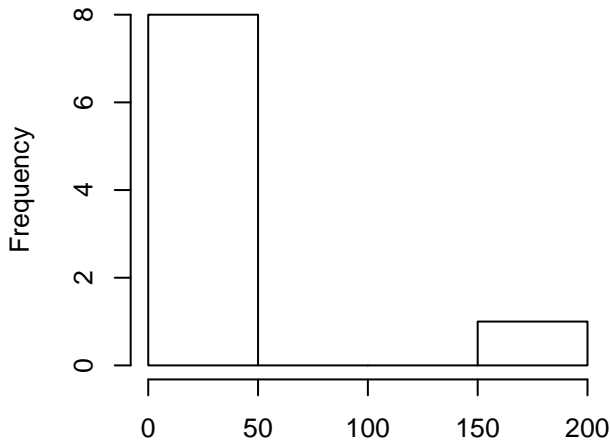
breakpoint: 9304536 – 9304539 ct-1 hi-0

Bp = 26 line = MAGIC.287 , Chr = 3



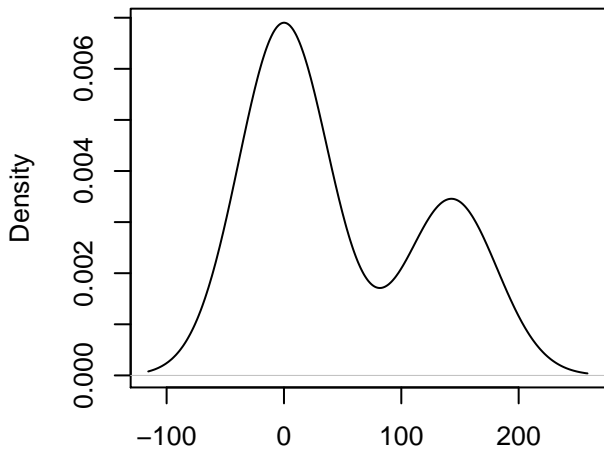
N = 9 Bandwidth = 31.51
breakpoint: 9304941 – 9304953 hi-0 ct-1

line = MAGIC.287 , Chr = 3



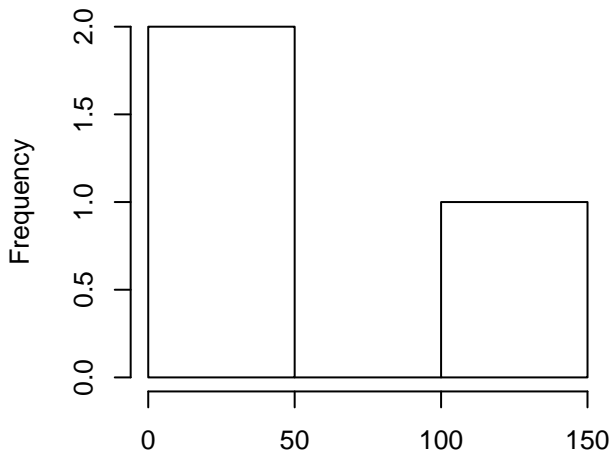
breakpoint: 9304941 – 9304953 hi-0 ct-1

Bp = 28 line = MAGIC.287 , Chr = 3



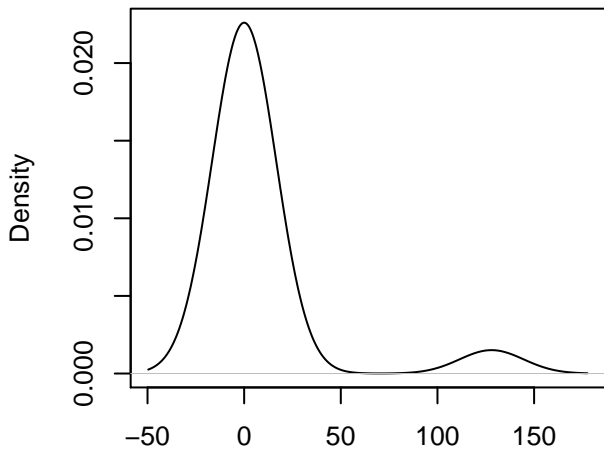
N = 3 Bandwidth = 38.55
breakpoint: 9625363 – 9625559 zu-0 ct-1

line = MAGIC.287 , Chr = 3



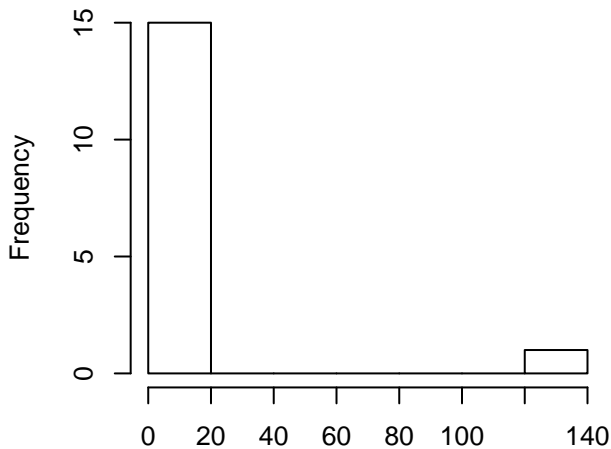
breakpoint: 9625363 – 9625559 zu-0 ct-1

Bp = 29 line = MAGIC.287 , Chr = 3



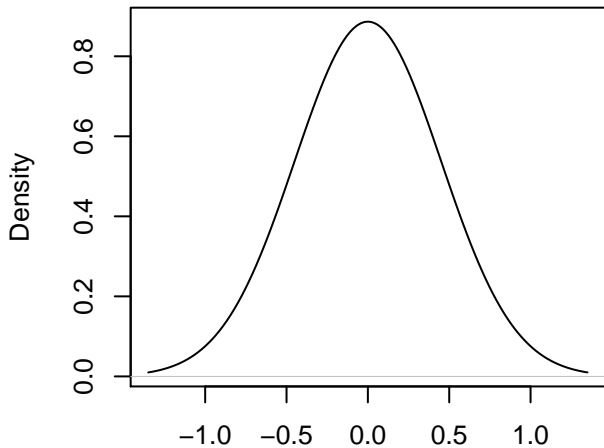
N = 16 Bandwidth = 16.54
breakpoint: 14255694 – 14255715 ct-1 rsch-4

line = MAGIC.287 , Chr = 3



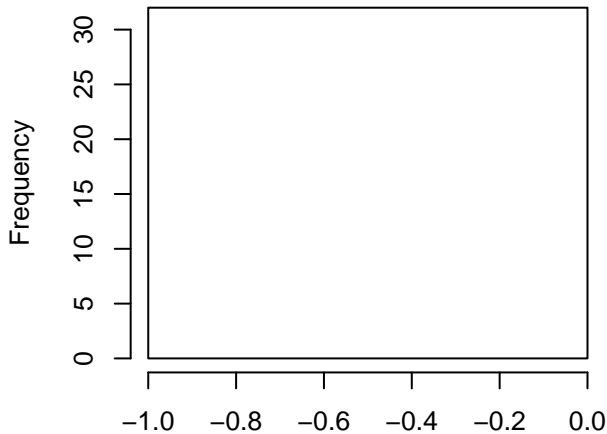
breakpoint: 14255694 – 14255715 ct-1 rsch-4

Bp = 30 line = MAGIC.287 , Chr = 3



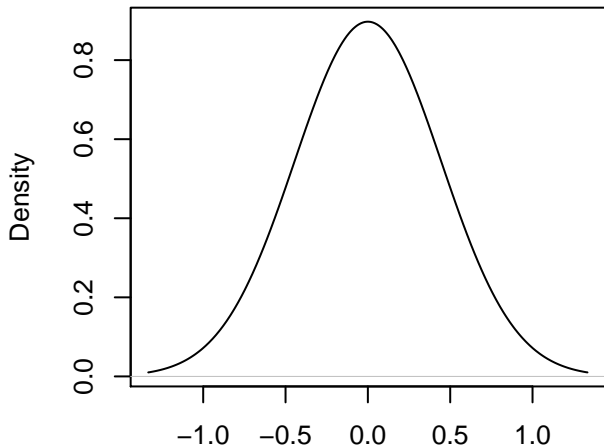
N = 32 Bandwidth = 0.45
breakpoint: 14329754 – 14329801 rsch-4 tsu-0

line = MAGIC.287 , Chr = 3



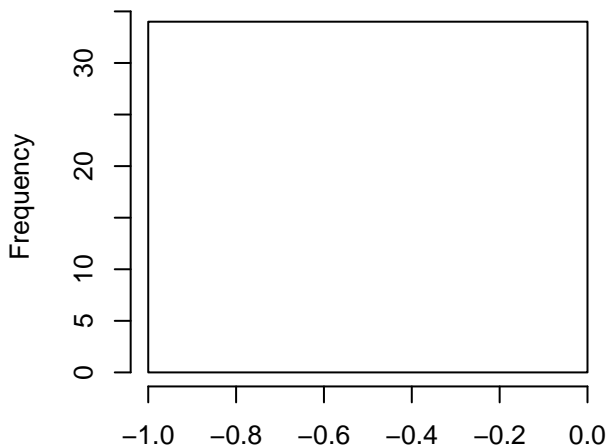
breakpoint: 14329754 – 14329801 rsch-4 tsu-0

Bp = 31 line = MAGIC.287 , Chr = 3



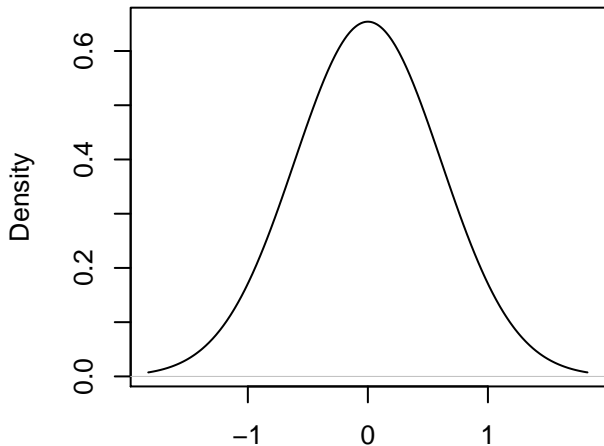
N = 34 Bandwidth = 0.4446
breakpoint: 14381161 – 14381162 tsu-0 bur-0

line = MAGIC.287 , Chr = 3



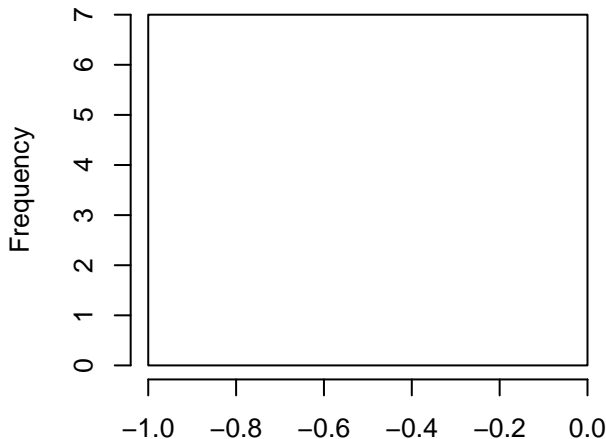
breakpoint: 14381161 – 14381162 tsu-0 bur-0

Bp = 32 line = MAGIC.287 , Chr = 3



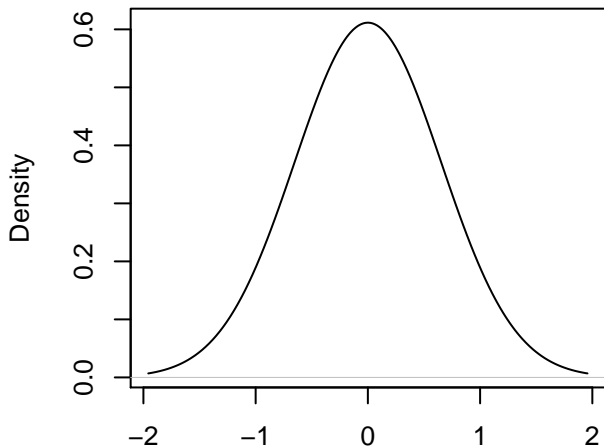
N = 7 Bandwidth = 0.6098
breakpoint: 14397973 – 14397999 bur-0 tsu-0

line = MAGIC.287 , Chr = 3



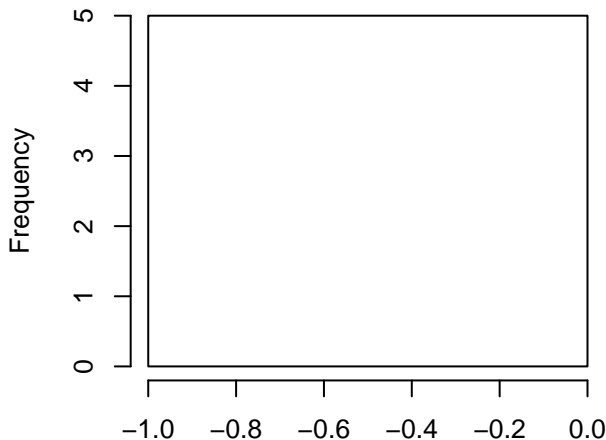
breakpoint: 14397973 – 14397999 bur-0 tsu-0

Bp = 33 line = MAGIC.287 , Chr = 3



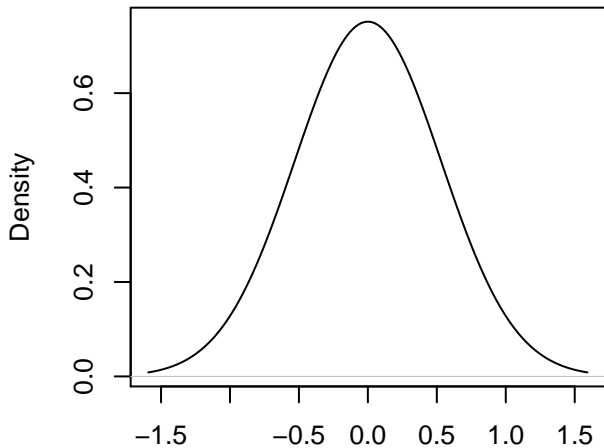
N = 5 Bandwidth = 0.6523
breakpoint: 14455339 – 14455342 tsu-0 no-0

line = MAGIC.287 , Chr = 3



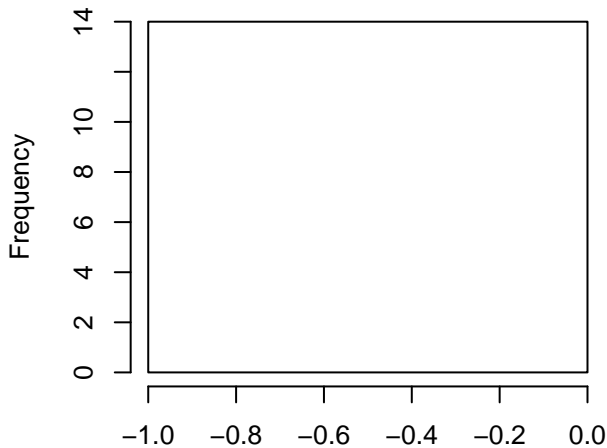
breakpoint: 14455339 – 14455342 tsu-0 no-0

Bp = 35 line = MAGIC.287 , Chr = 3



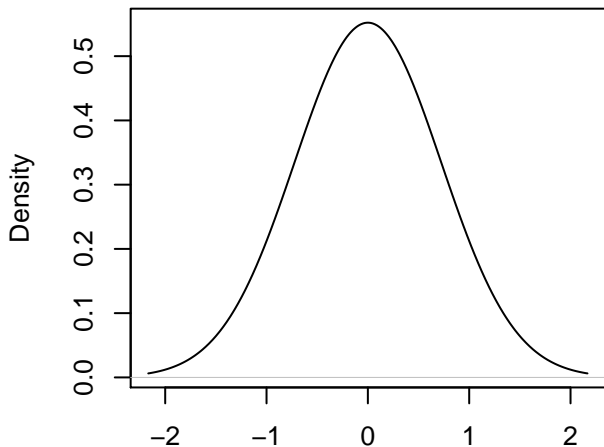
N = 14 Bandwidth = 0.5309
breakpoint: 14484504 – 14484526 sf-2 can-0

line = MAGIC.287 , Chr = 3



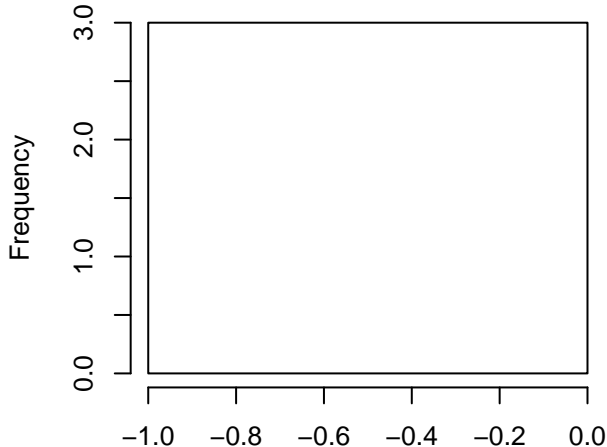
breakpoint: 14484504 – 14484526 sf-2 can-0

Bp = 37 line = MAGIC.287 , Chr = 3



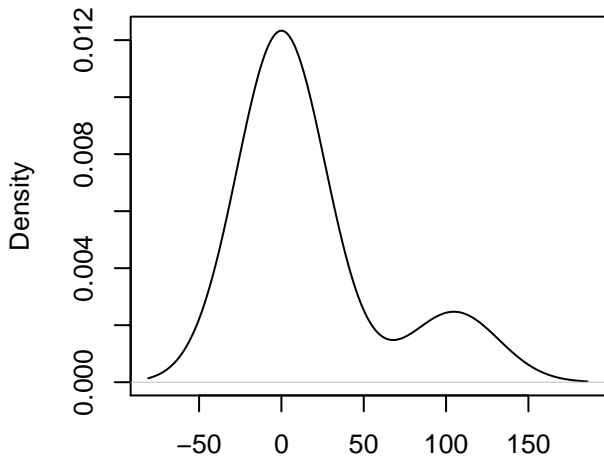
N = 3 Bandwidth = 0.7225
breakpoint: 14512703 – 14512704 rsch-4 ct-1

line = MAGIC.287 , Chr = 3



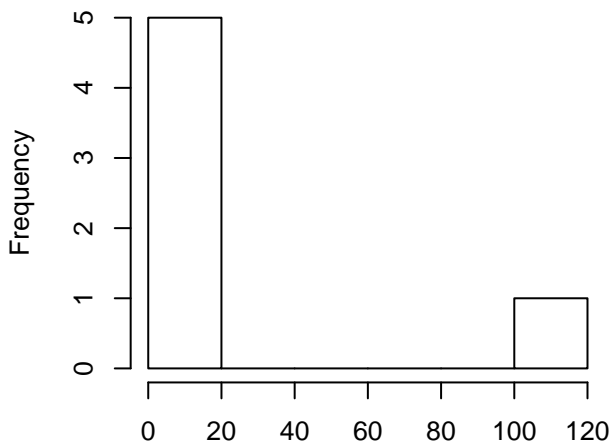
breakpoint: 14512703 – 14512704 rsch-4 ct-1

Bp = 38 line = MAGIC.287 , Chr = 3



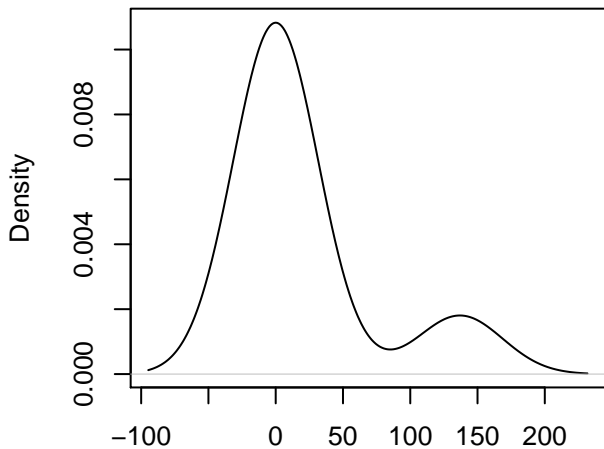
N = 6 Bandwidth = 26.96
breakpoint: 16504328 – 16504349 ct-1 oy-0

line = MAGIC.287 , Chr = 3



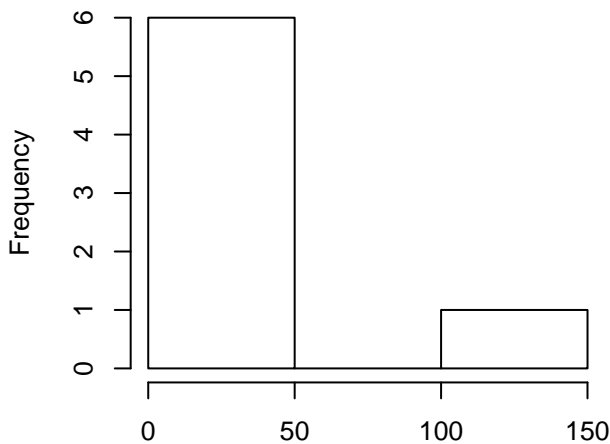
breakpoint: 16504328 – 16504349 ct-1 oy-0

Bp = 39 line = MAGIC.287 , Chr = 3



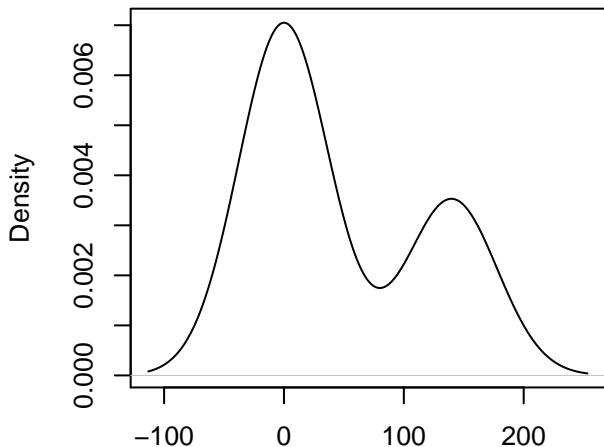
N = 7 Bandwidth = 31.58
breakpoint: 18977127 – 18977152 oy-0 wil-2

line = MAGIC.287 , Chr = 3



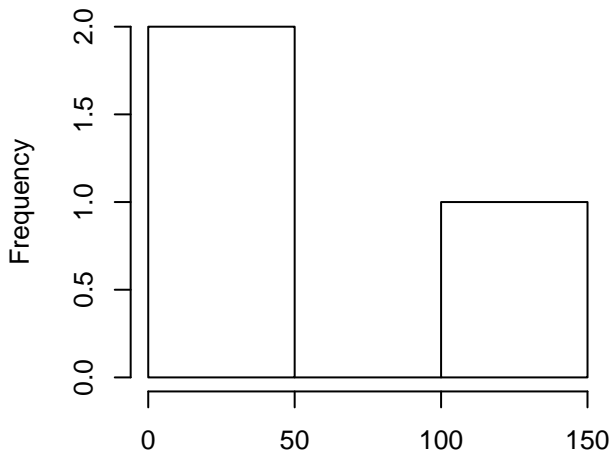
breakpoint: 18977127 – 18977152 oy-0 wil-2

Bp = 40 line = MAGIC.287 , Chr = 3



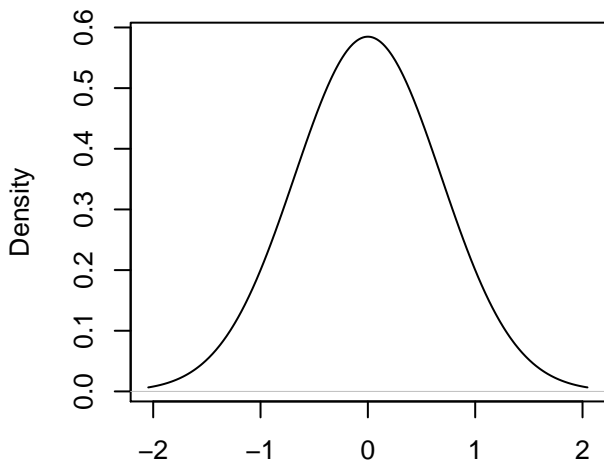
N = 3 Bandwidth = 37.74
breakpoint: 18982864 – 18982875 wil-2 po-0

line = MAGIC.287 , Chr = 3



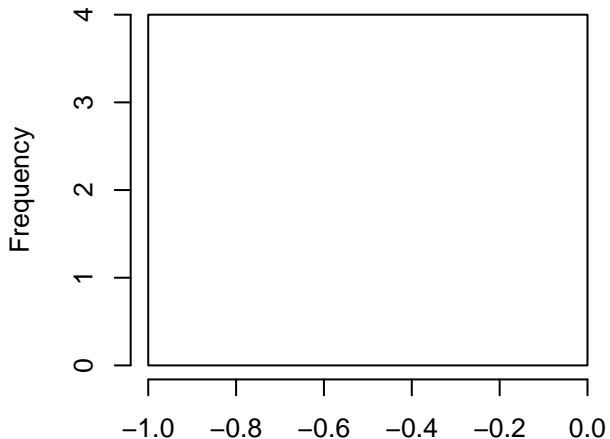
breakpoint: 18982864 – 18982875 wil-2 po-0

Bp = 44 line = MAGIC.287 , Chr = 3



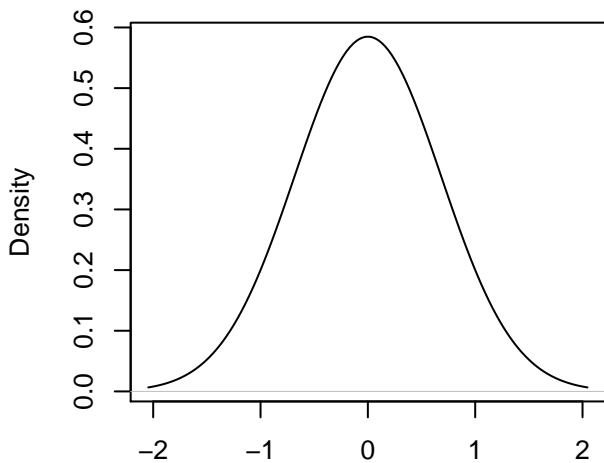
N = 4 Bandwidth = 0.6821
breakpoint: 19851662 – 19851668 po-0 mt-0

line = MAGIC.287 , Chr = 3



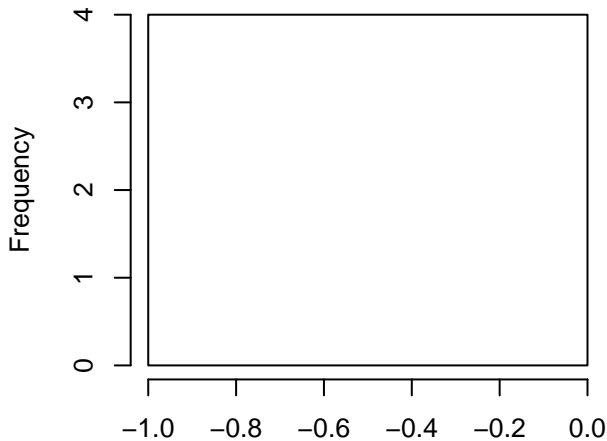
breakpoint: 19851662 – 19851668 po-0 mt-0

Bp = 47 line = MAGIC.287 , Chr = 3



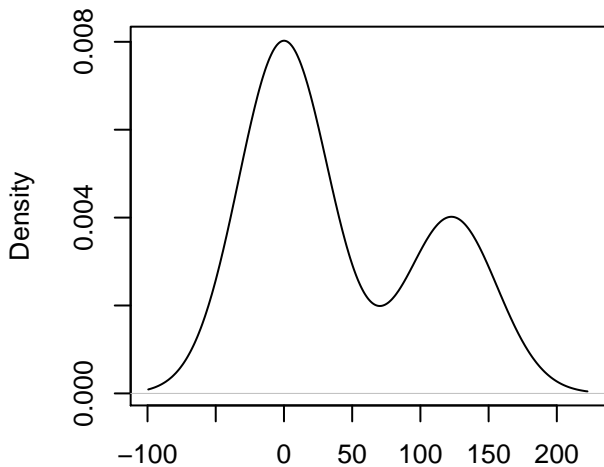
N = 4 Bandwidth = 0.6821
breakpoint: 20432203 – 20432431 po-0 hi-0

line = MAGIC.287 , Chr = 3



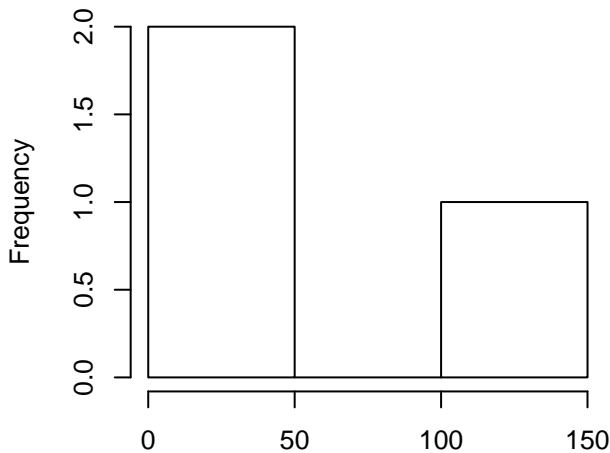
breakpoint: 20432203 – 20432431 po-0 hi-0

Bp = 48 line = MAGIC.287 , Chr = 3



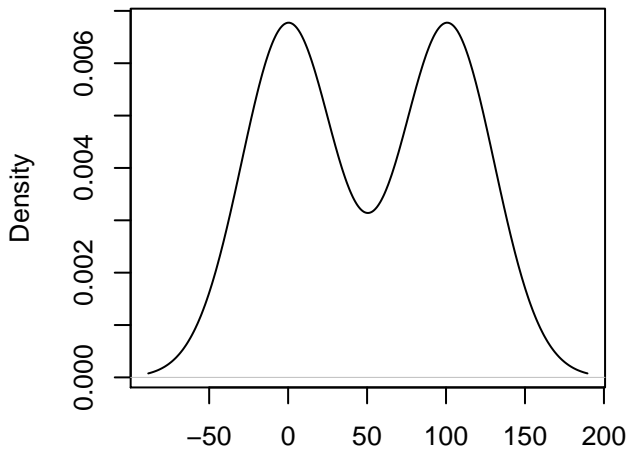
N = 3 Bandwidth = 33.16
breakpoint: 20567153 – 20567193 hi-0 po-0

line = MAGIC.287 , Chr = 3



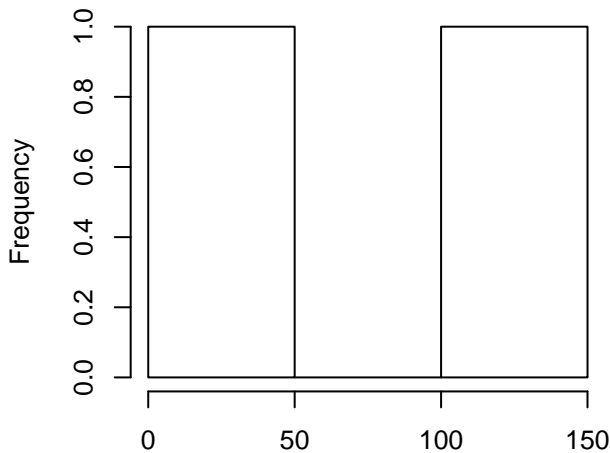
breakpoint: 20567153 – 20567193 hi-0 po-0

Bp = 50 line = MAGIC.287 , Chr = 3



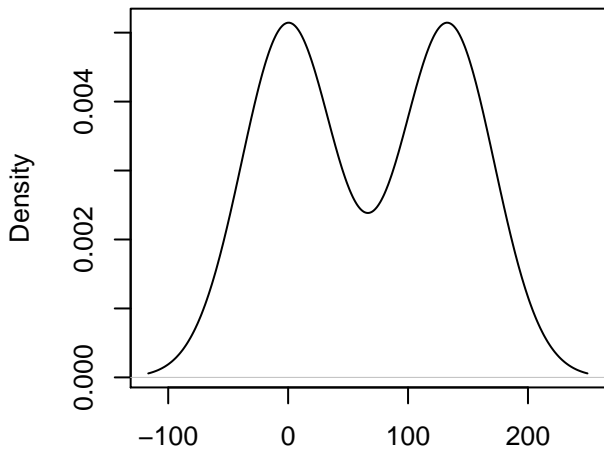
N = 2 Bandwidth = 29.53
breakpoint: 21302942 – 21303161 wil-2 po-0

line = MAGIC.287 , Chr = 3



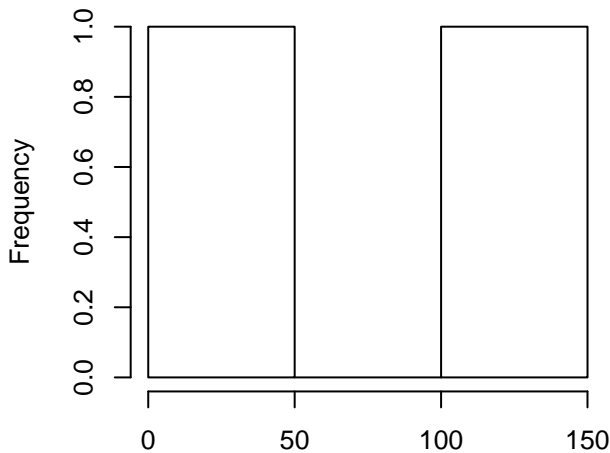
breakpoint: 21302942 – 21303161 wil-2 po-0

Bp = 55 line = MAGIC.287 , Chr = 3



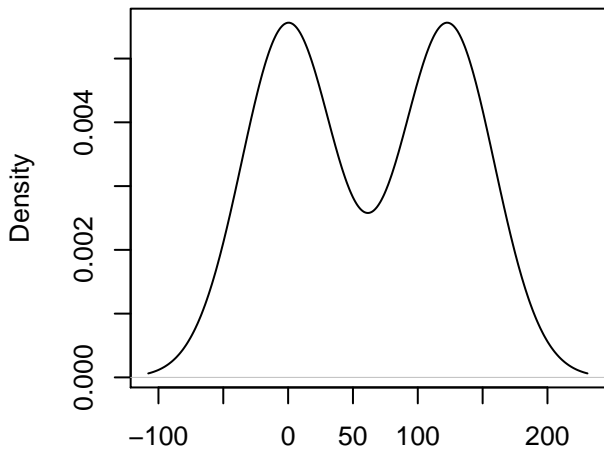
N = 2 Bandwidth = 38.88
breakpoint: 21877775 – 21877777 po-0 bur-0

line = MAGIC.287 , Chr = 3



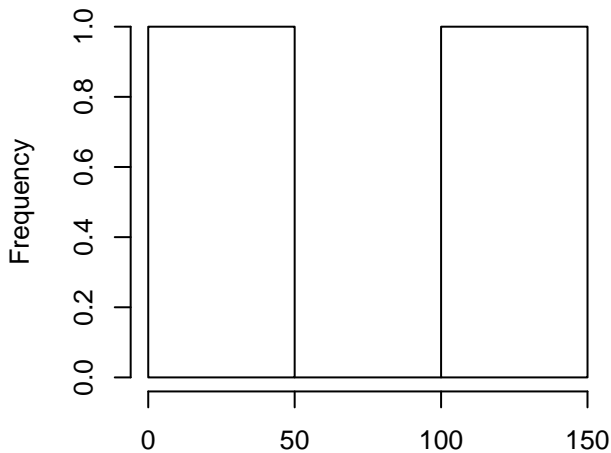
breakpoint: 21877775 – 21877777 po-0 bur-0

Bp = 57 line = MAGIC.287 , Chr = 3



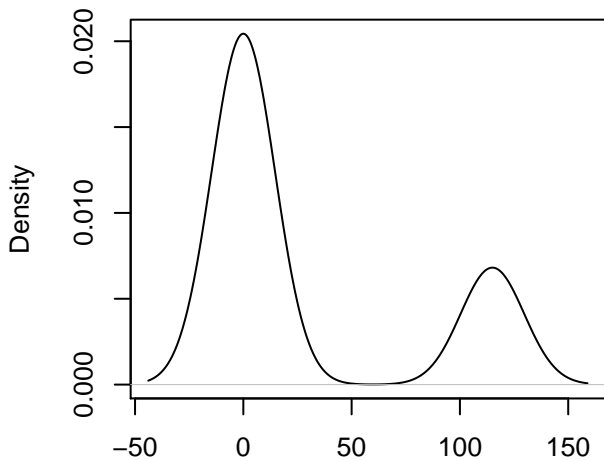
N = 2 Bandwidth = 35.96
breakpoint: 22108215 – 22108241 po-0 bur-0

line = MAGIC.287 , Chr = 3



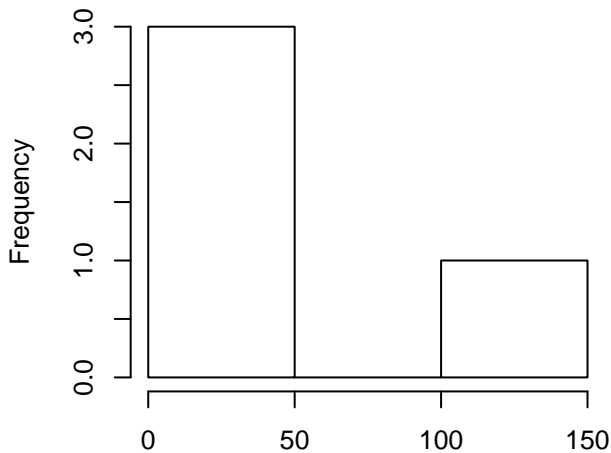
breakpoint: 22108215 – 22108241 po-0 bur-0

Bp = 58 line = MAGIC.287 , Chr = 3



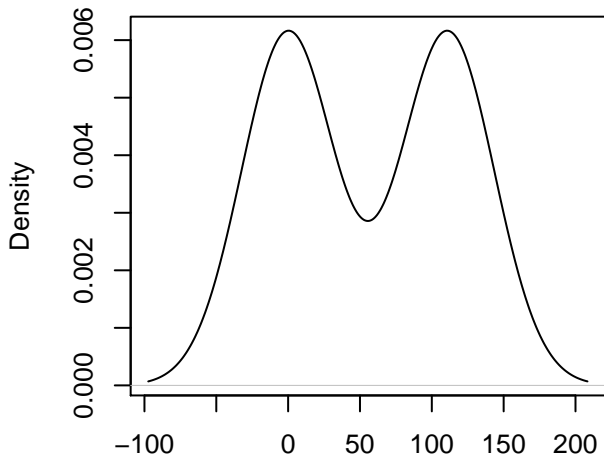
N = 4 Bandwidth = 14.63
breakpoint: 22140966 – 22140977 bur-0 oy-0

line = MAGIC.287 , Chr = 3



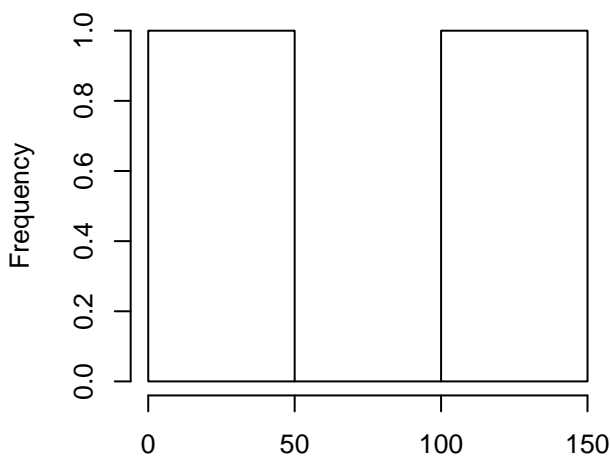
breakpoint: 22140966 – 22140977 bur-0 oy-0

Bp = 59 line = MAGIC.287 , Chr = 3



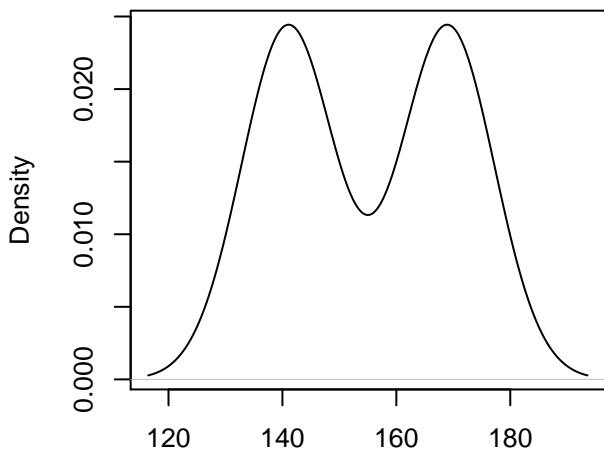
N = 2 Bandwidth = 32.45
breakpoint: 22187582 – 22187889 oy-0 mt-0

line = MAGIC.287 , Chr = 3



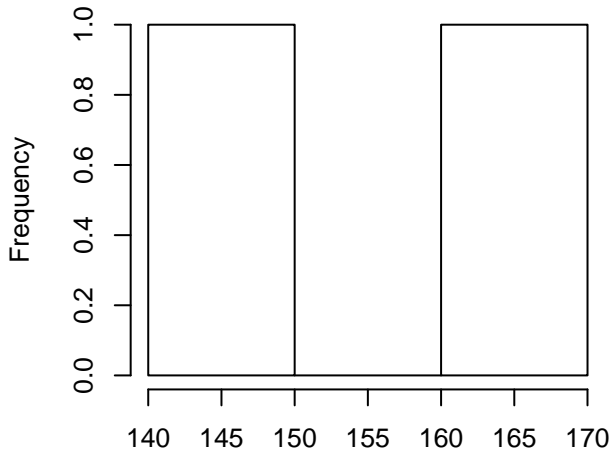
breakpoint: 22187582 – 22187889 oy-0 mt-0

Bp = 60 line = MAGIC.287 , Chr = 3



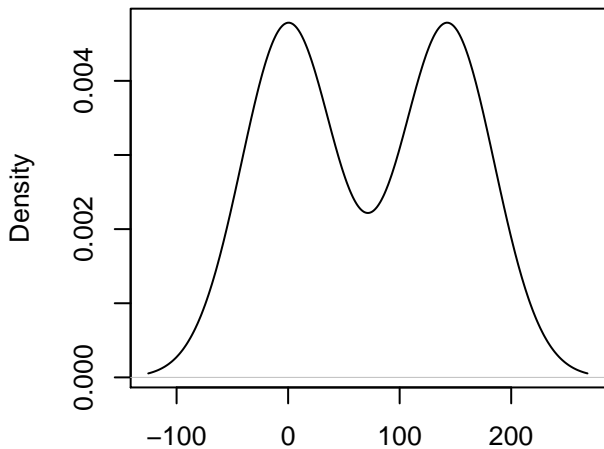
N = 2 Bandwidth = 8.186
breakpoint: 22217135 – 22217334 mt-0 edi-0

line = MAGIC.287 , Chr = 3



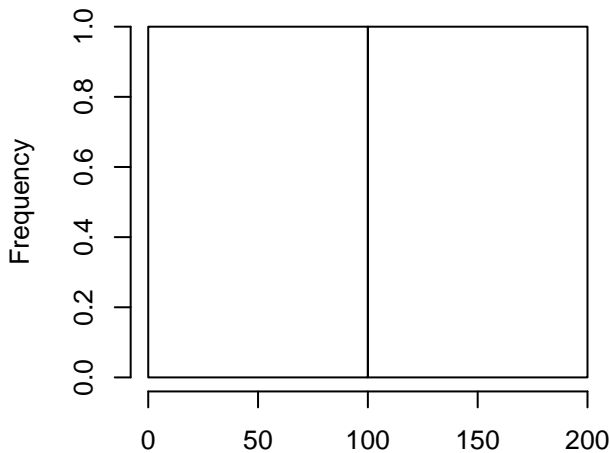
breakpoint: 22217135 – 22217334 mt-0 edi-0

Bp = 61 line = MAGIC.287 , Chr = 3



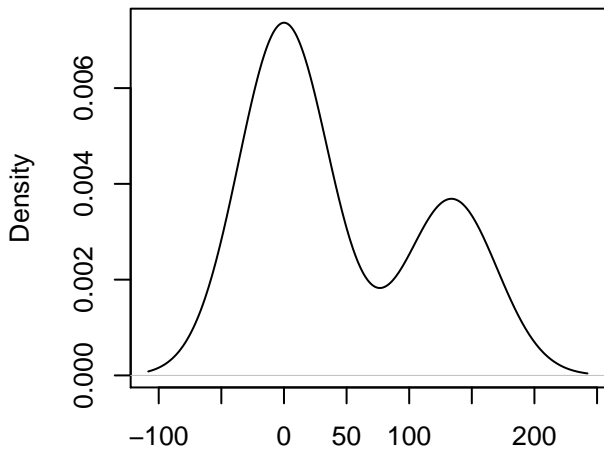
N = 2 Bandwidth = 41.81
breakpoint: 22425795 – 22425871 edi-0 wil-2

line = MAGIC.287 , Chr = 3



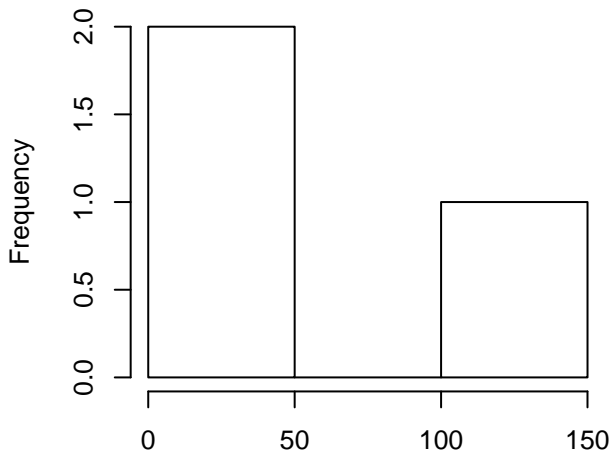
breakpoint: 22425795 – 22425871 edi-0 wil-2

Bp = 64 line = MAGIC.287 , Chr = 3



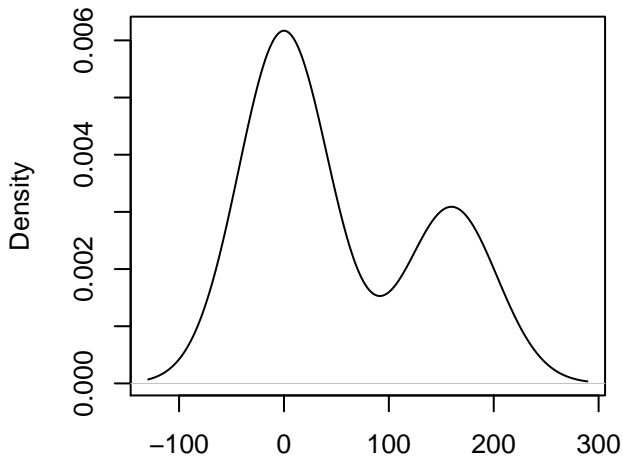
N = 3 Bandwidth = 36.12
breakpoint: 22639789 – 22640013 col-0 bur-0

line = MAGIC.287 , Chr = 3



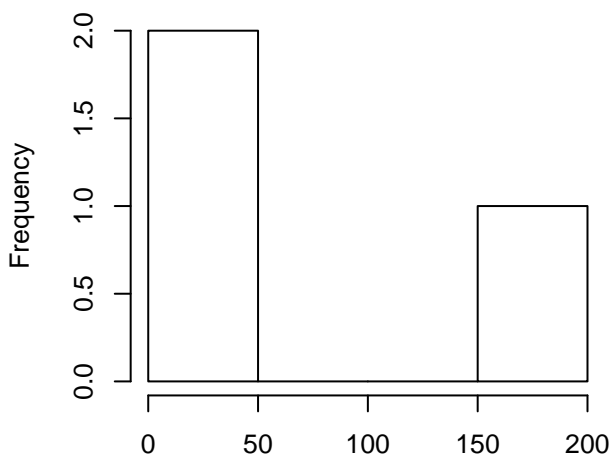
breakpoint: 22639789 – 22640013 col-0 bur-0

Bp = 65 line = MAGIC.287 , Chr = 3



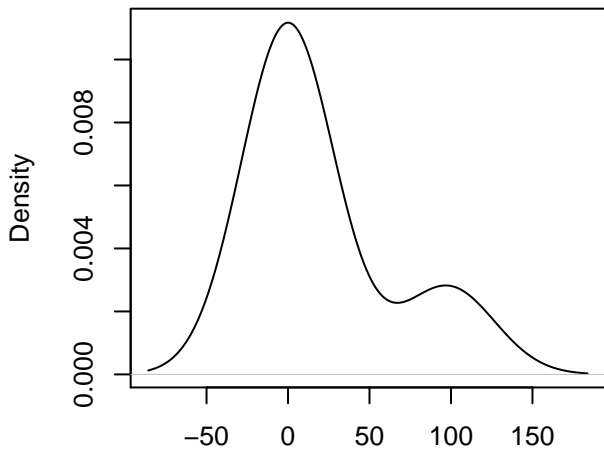
N = 3 Bandwidth = 43.13
breakpoint: 22717282 – 22717495 bur-0 po-0

line = MAGIC.287 , Chr = 3



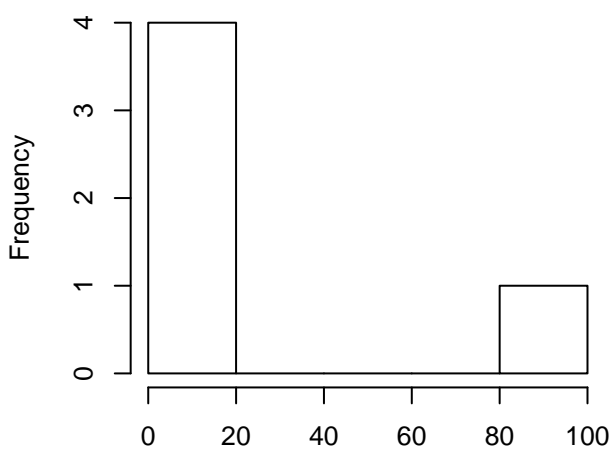
breakpoint: 22717282 – 22717495 bur-0 po-0

Bp = 68 line = MAGIC.287 , Chr = 4



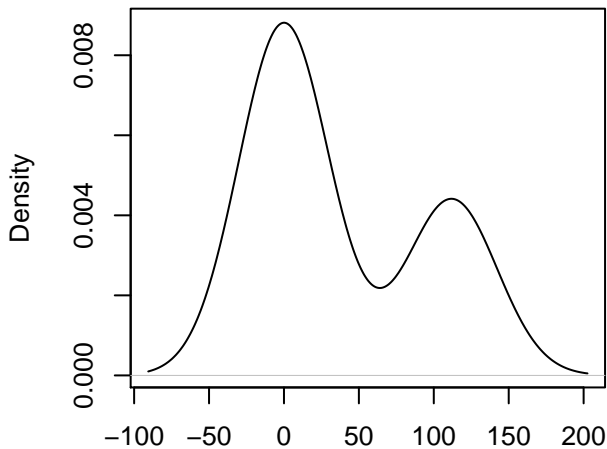
N = 5 Bandwidth = 28.59
breakpoint: 123599 – 123600 ct-1 zu-0

line = MAGIC.287 , Chr = 4



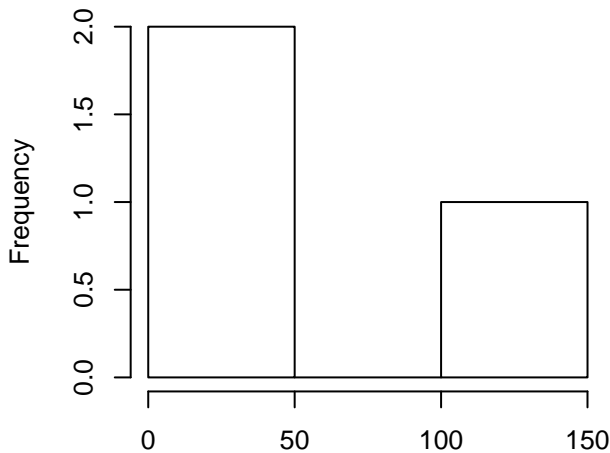
breakpoint: 123599 – 123600 ct-1 zu-0

Bp = 69 line = MAGIC.287 , Chr = 4



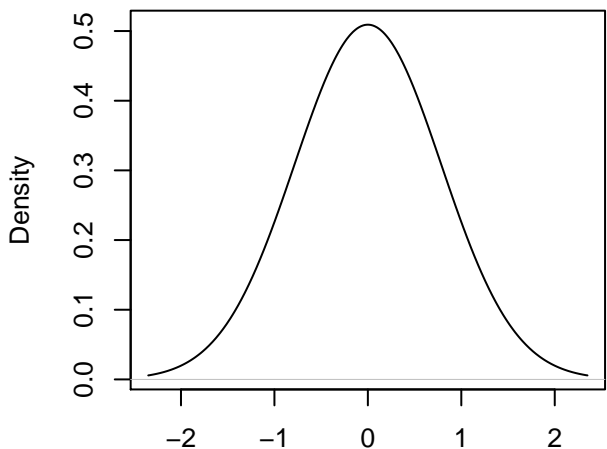
N = 3 Bandwidth = 30.19
breakpoint: 126475 - 126476 zu-0 ct-1

line = MAGIC.287 , Chr = 4



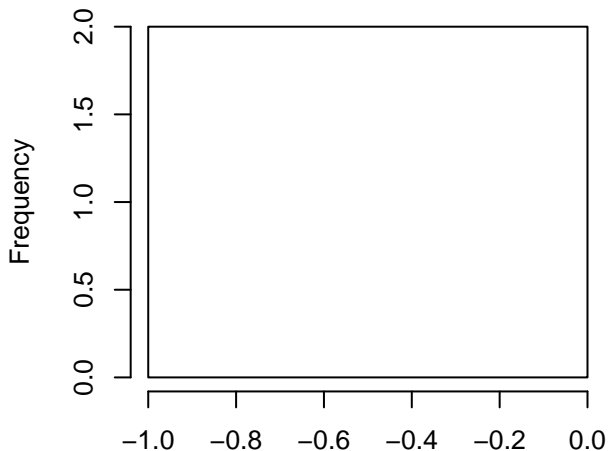
breakpoint: 126475 - 126476 zu-0 ct-1

Bp = 70 line = MAGIC.287 , Chr = 4



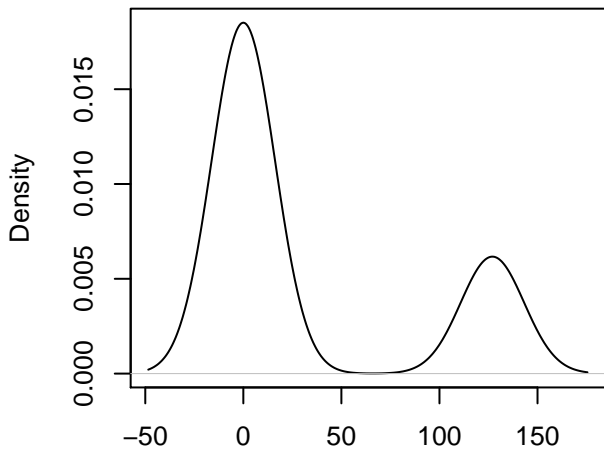
N = 2 Bandwidth = 0.7835
breakpoint: 800035 - 800124 ct-1 mt-0

line = MAGIC.287 , Chr = 4



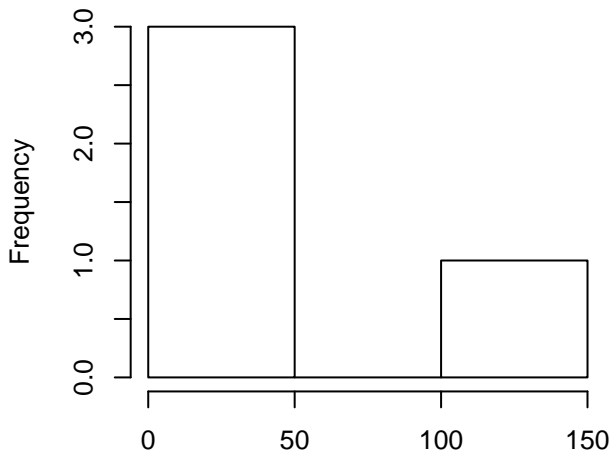
breakpoint: 800035 - 800124 ct-1 mt-0

Bp = 71 line = MAGIC.287 , Chr = 4



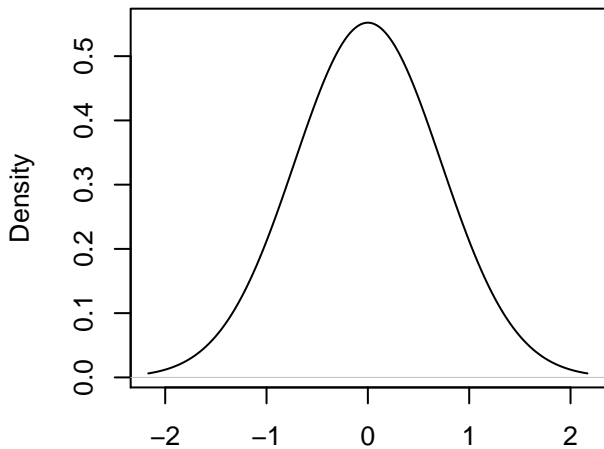
N = 4 Bandwidth = 16.16
breakpoint: 1612542 – 1612560 mt-0 edi-0

line = MAGIC.287 , Chr = 4



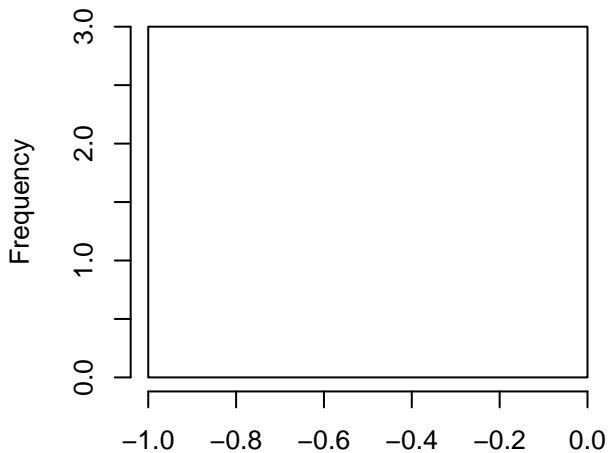
breakpoint: 1612542 – 1612560 mt-0 edi-0

Bp = 72 line = MAGIC.287 , Chr = 4



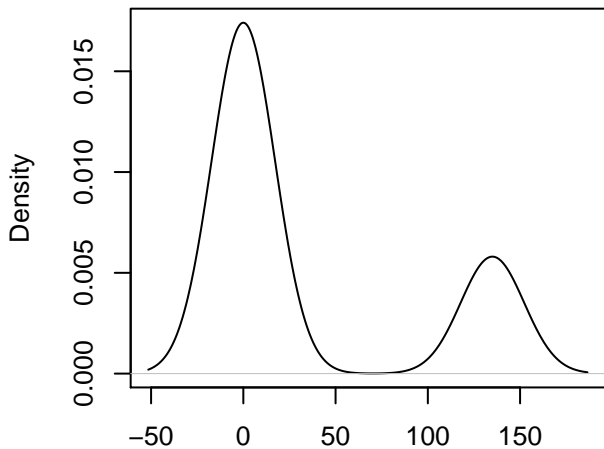
N = 3 Bandwidth = 0.7225
breakpoint: 1650985 – 1650994 edi-0 mt-0

line = MAGIC.287 , Chr = 4



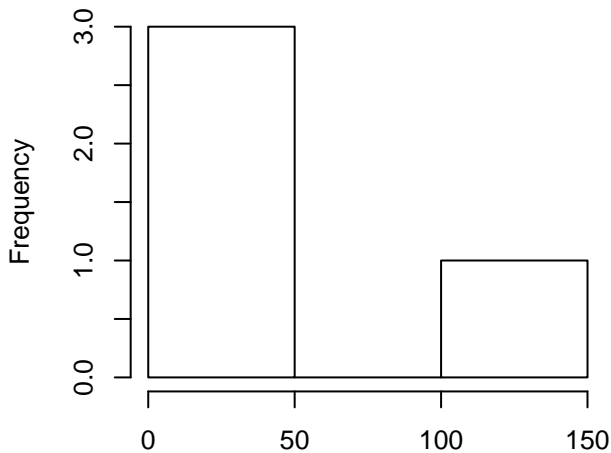
breakpoint: 1650985 – 1650994 edi-0 mt-0

Bp = 73 line = MAGIC.287 , Chr = 4



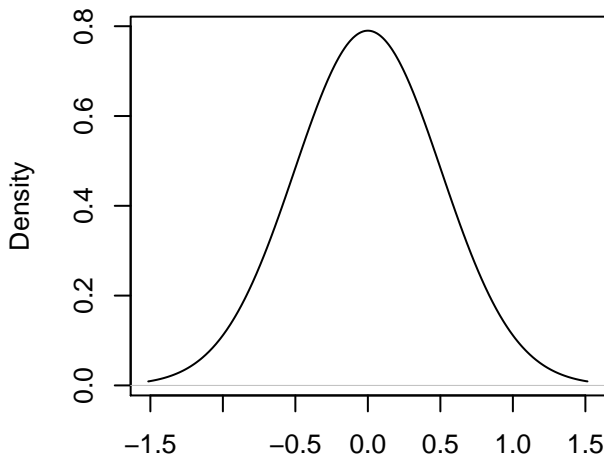
N = 4 Bandwidth = 17.18
breakpoint: 4388580 – 4388585 mt-0 zu-0

line = MAGIC.287 , Chr = 4



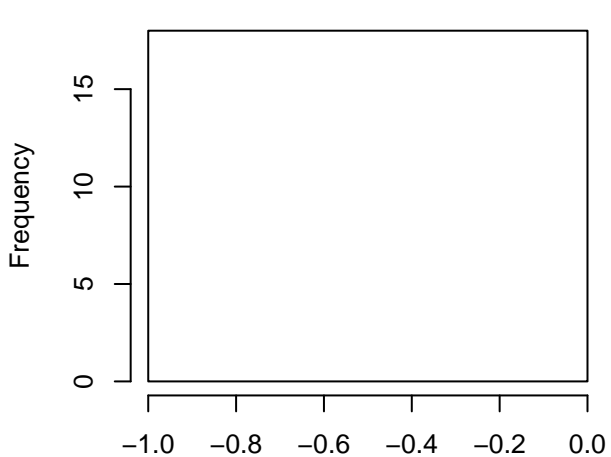
breakpoint: 4388580 – 4388585 mt-0 zu-0

Bp = 74 line = MAGIC.287 , Chr = 4



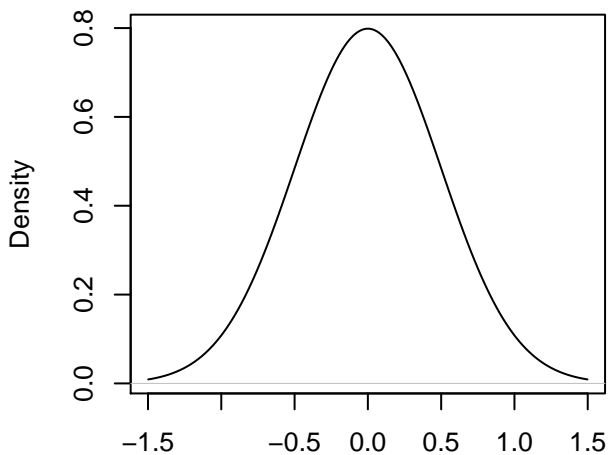
N = 18 Bandwidth = 0.5049
breakpoint: 4506428 – 4506477 zu-0 ler-0

line = MAGIC.287 , Chr = 4



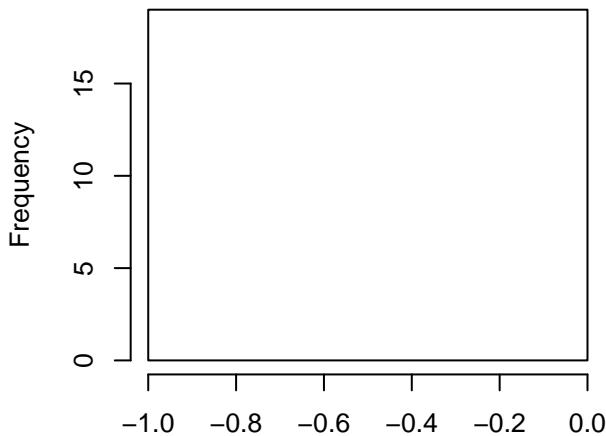
breakpoint: 4506428 – 4506477 zu-0 ler-0

Bp = 76 line = MAGIC.287 , Chr = 4



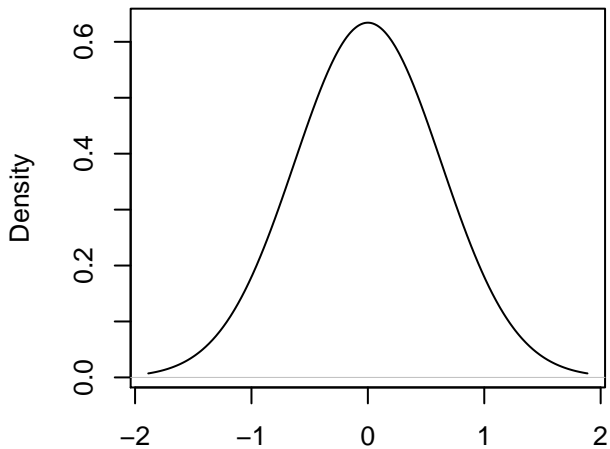
N = 19 Bandwidth = 0.4994
breakpoint: 4603967 – 4604040 oy-0 mt-0

line = MAGIC.287 , Chr = 4



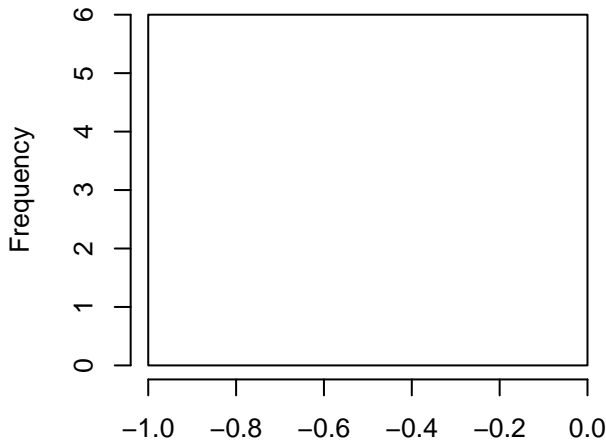
breakpoint: 4603967 – 4604040 oy-0 mt-0

Bp = 78 line = MAGIC.287 , Chr = 4



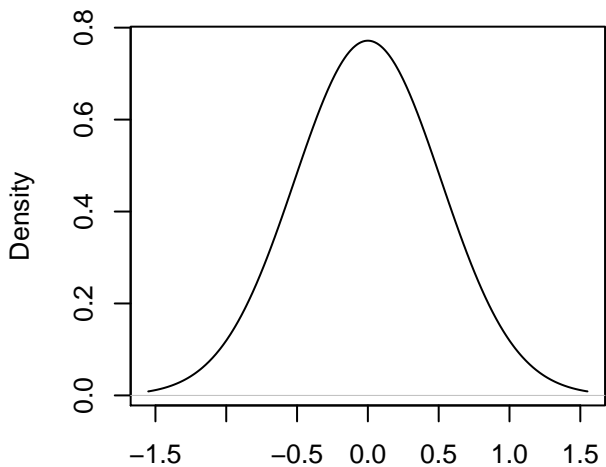
N = 6 Bandwidth = 0.6289
breakpoint: 4715805 – 4715814 po-0 ct-1

line = MAGIC.287 , Chr = 4



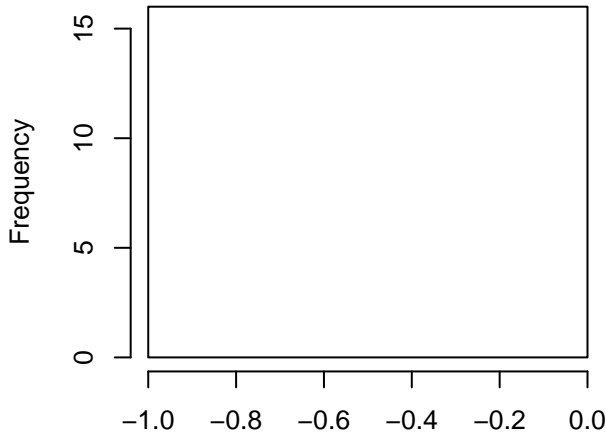
breakpoint: 4715805 – 4715814 po-0 ct-1

Bp = 79 line = MAGIC.287 , Chr = 4



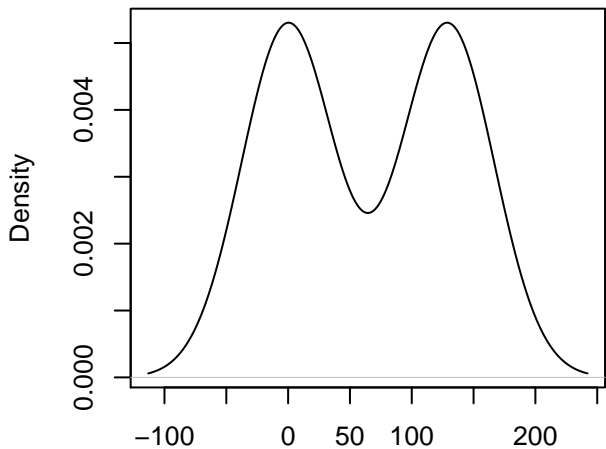
N = 16 Bandwidth = 0.5169
breakpoint: 4717213 – 4717230 ct-1 mt-0

line = MAGIC.287 , Chr = 4



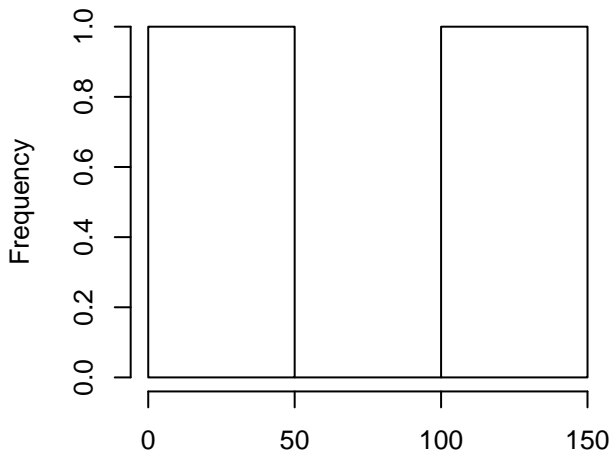
breakpoint: 4717213 – 4717230 ct-1 mt-0

Bp = 80 line = MAGIC.287 , Chr = 4



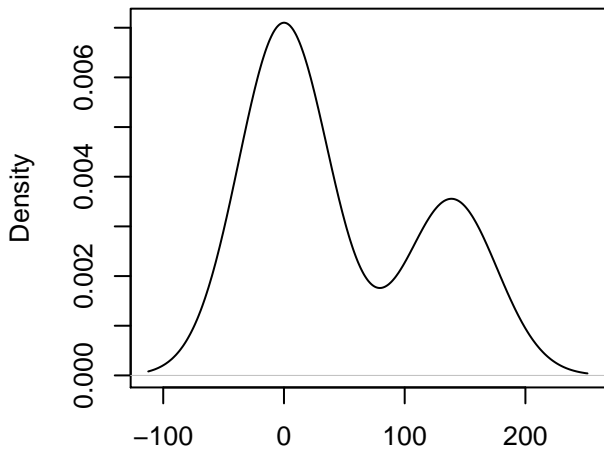
N = 2 Bandwidth = 37.71
breakpoint: 5314190 – 5314219 mt-0 no-0

line = MAGIC.287 , Chr = 4



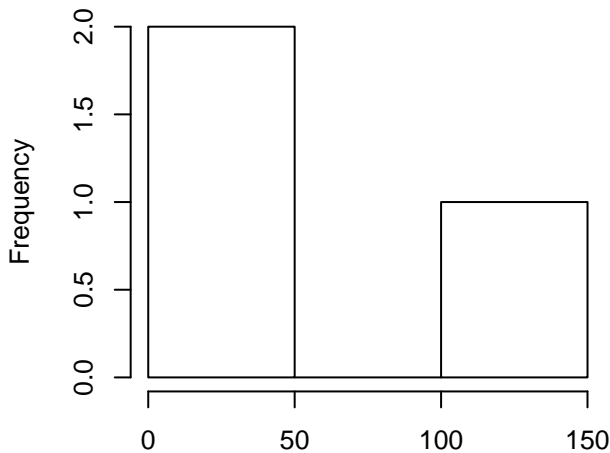
breakpoint: 5314190 – 5314219 mt-0 no-0

Bp = 81 line = MAGIC.287 , Chr = 4



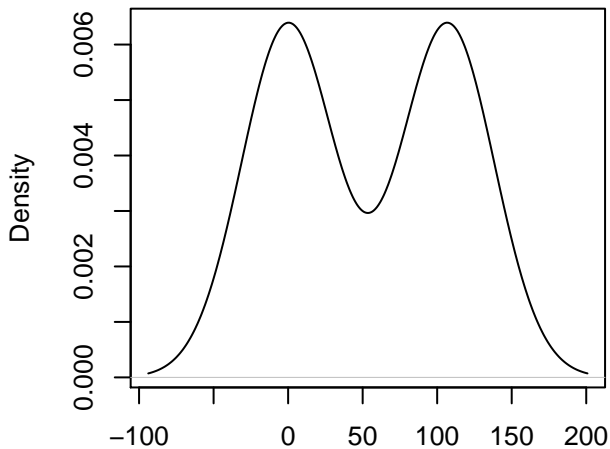
N = 3 Bandwidth = 37.47
breakpoint: 5749777 – 5749832 no-0 mt-0

line = MAGIC.287 , Chr = 4



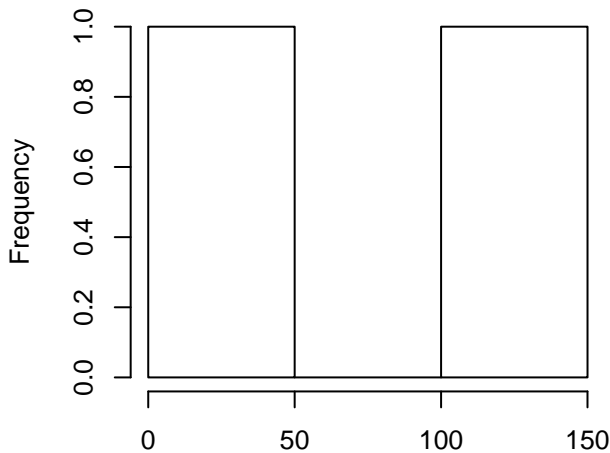
breakpoint: 5749777 – 5749832 no-0 mt-0

Bp = 82 line = MAGIC.287 , Chr = 4



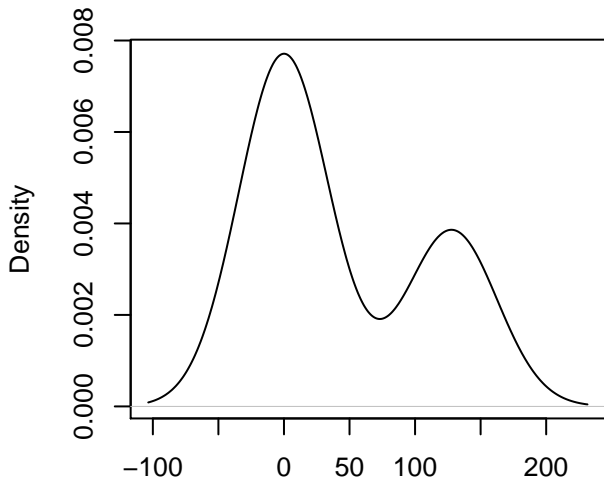
N = 2 Bandwidth = 31.28
breakpoint: 8109297 – 8109310 mt-0 wu-0

line = MAGIC.287 , Chr = 4



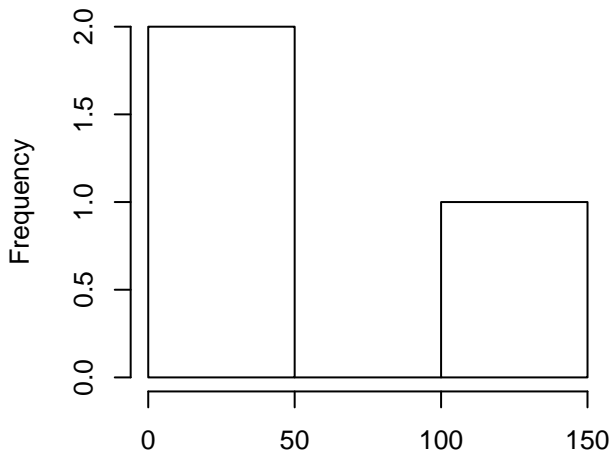
breakpoint: 8109297 – 8109310 mt-0 wu-0

Bp = 83 line = MAGIC.287 , Chr = 4



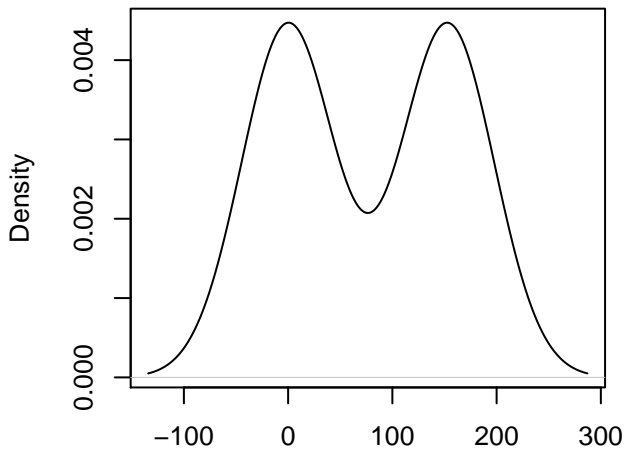
N = 3 Bandwidth = 34.51
breakpoint: 8207977 – 8208009 wu-0 mt-0

line = MAGIC.287 , Chr = 4



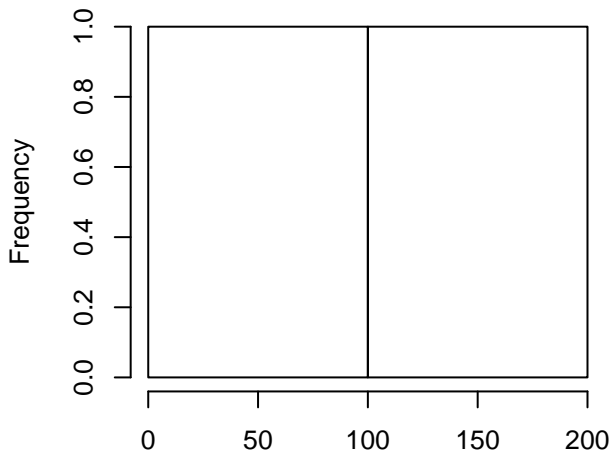
breakpoint: 8207977 – 8208009 wu-0 mt-0

Bp = 84 line = MAGIC.287 , Chr = 4



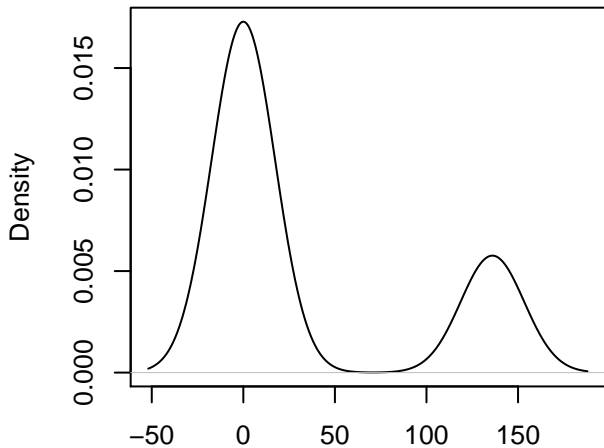
N = 2 Bandwidth = 44.73
breakpoint: 12786398 – 12786758 mt-0 zu-0

line = MAGIC.287 , Chr = 4



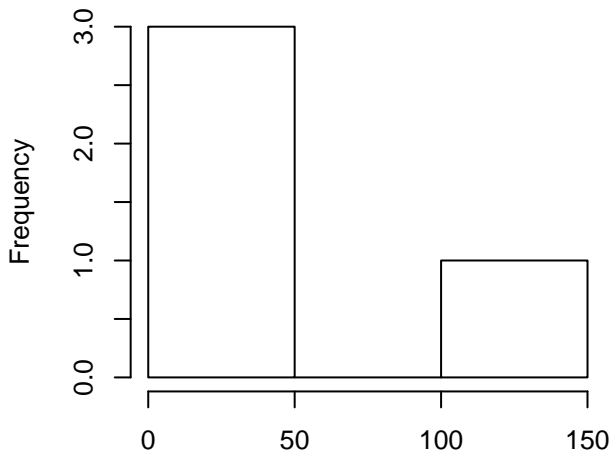
breakpoint: 12786398 – 12786758 mt-0 zu-0

Bp = 87 line = MAGIC.287 , Chr = 5



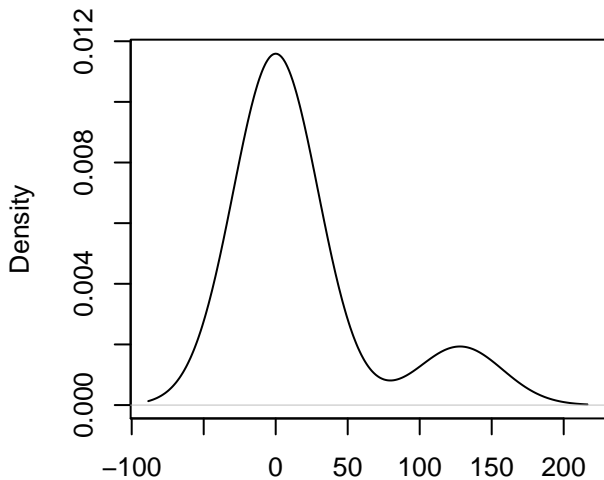
N = 4 Bandwidth = 17.31
breakpoint: 3715313 – 3715314 ct-1 kn-0

line = MAGIC.287 , Chr = 5



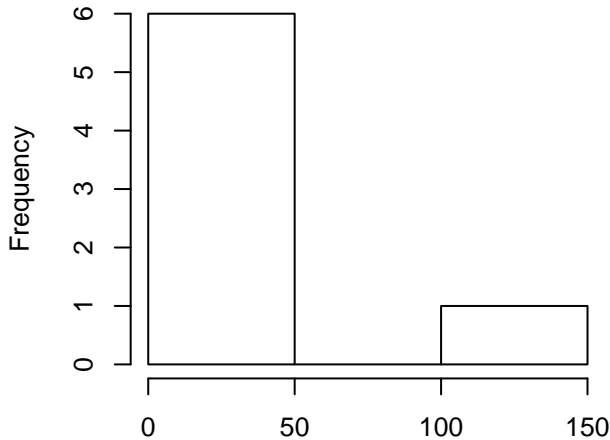
breakpoint: 3715313 – 3715314 ct-1 kn-0

Bp = 88 line = MAGIC.287 , Chr = 5



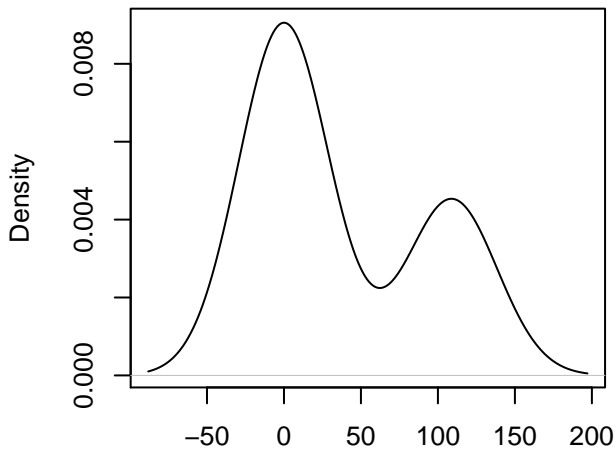
N = 7 Bandwidth = 29.5
breakpoint: 3717362 – 3717363 kn-0 ct-1

line = MAGIC.287 , Chr = 5



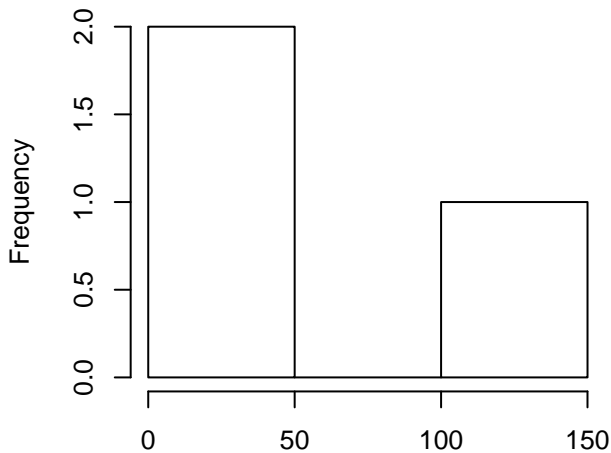
breakpoint: 3717362 – 3717363 kn-0 ct-1

Bp = 90 line = MAGIC.287 , Chr = 5



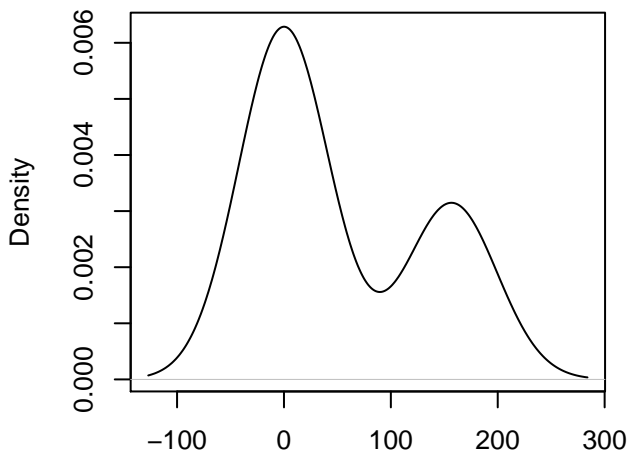
N = 3 Bandwidth = 29.38
breakpoint: 5666136 – 5666164 mt-0 ct-1

line = MAGIC.287 , Chr = 5



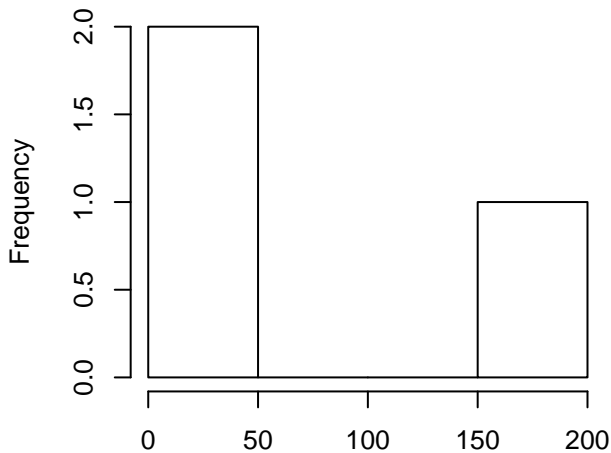
breakpoint: 5666136 – 5666164 mt-0 ct-1

Bp = 91 line = MAGIC.287 , Chr = 5



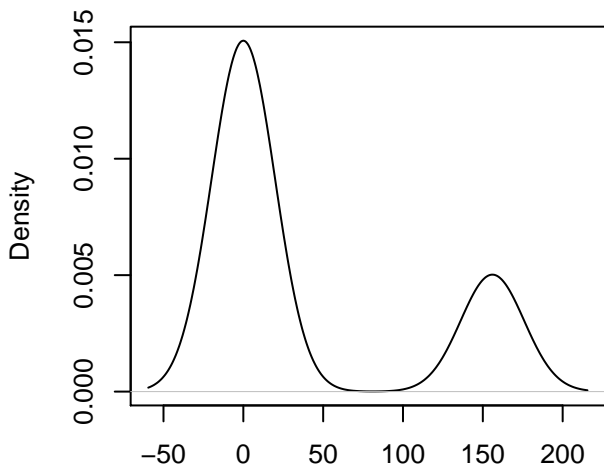
N = 3 Bandwidth = 42.32
breakpoint: 6382155 – 6382168 ct-1 ws-0

line = MAGIC.287 , Chr = 5



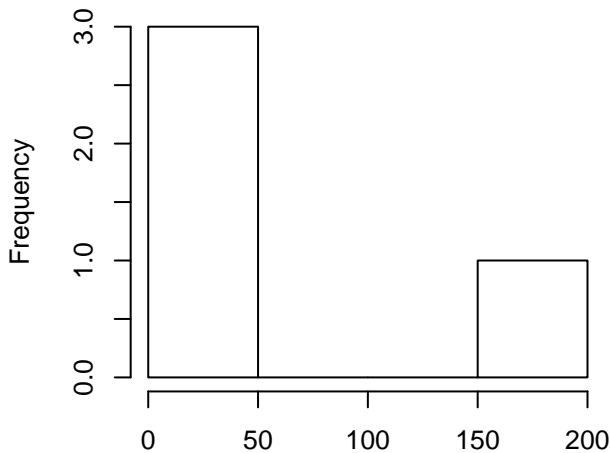
breakpoint: 6382155 – 6382168 ct-1 ws-0

Bp = 93 line = MAGIC.287 , Chr = 5



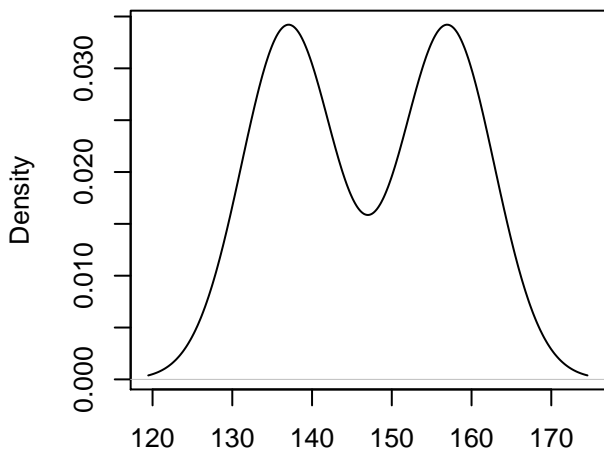
N = 4 Bandwidth = 19.85
breakpoint: 11621642 – 11621700 ct-1 ws-0

line = MAGIC.287 , Chr = 5



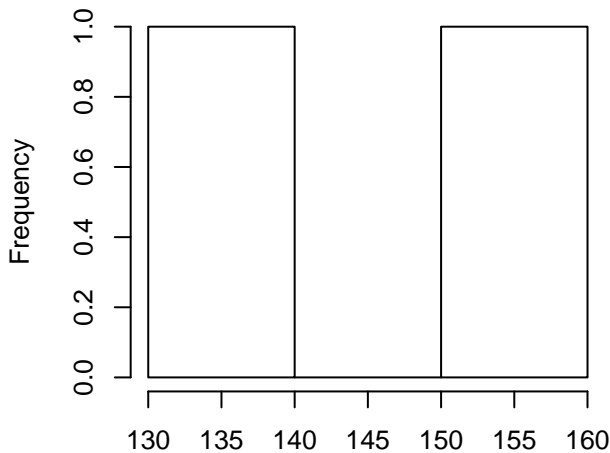
breakpoint: 11621642 – 11621700 ct-1 ws-0

Bp = 94 line = MAGIC.287 , Chr = 5



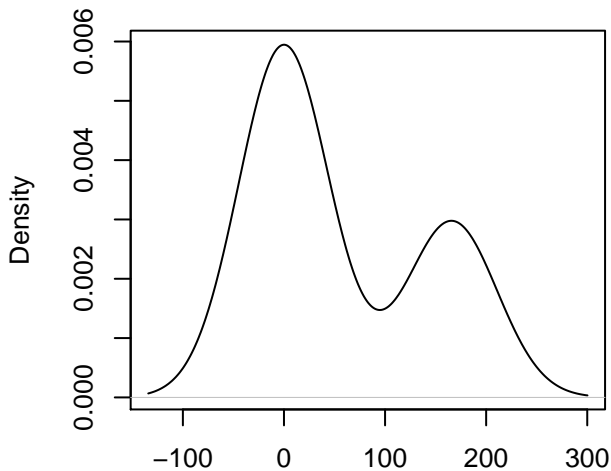
N = 2 Bandwidth = 5.847
breakpoint: 12093141 – 12093282 ws-0 ct-1

line = MAGIC.287 , Chr = 5



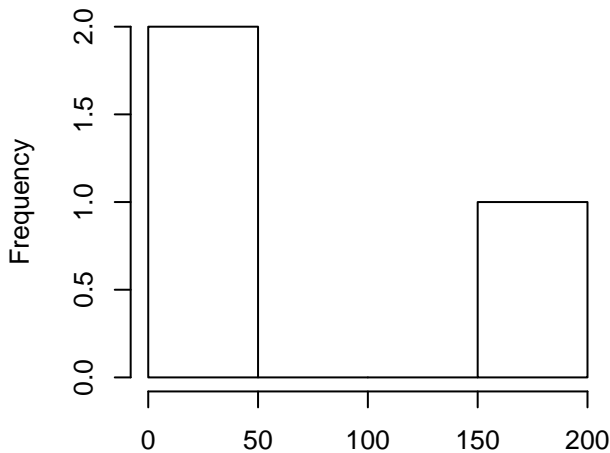
breakpoint: 12093141 – 12093282 ws-0 ct-1

Bp = 95 line = MAGIC.287 , Chr = 5



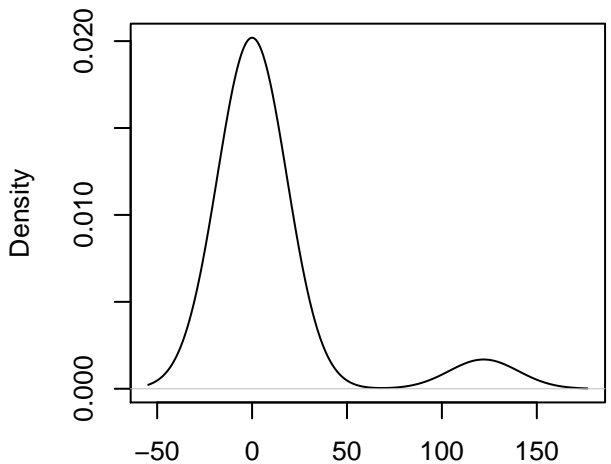
N = 3 Bandwidth = 44.75
breakpoint: 12692709 – 12692731 ct-1 ws-0

line = MAGIC.287 , Chr = 5



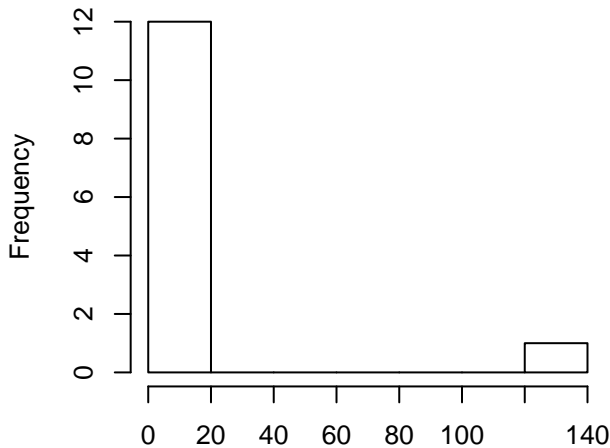
breakpoint: 12692709 – 12692731 ct-1 ws-0

Bp = 96 line = MAGIC.287 , Chr = 5



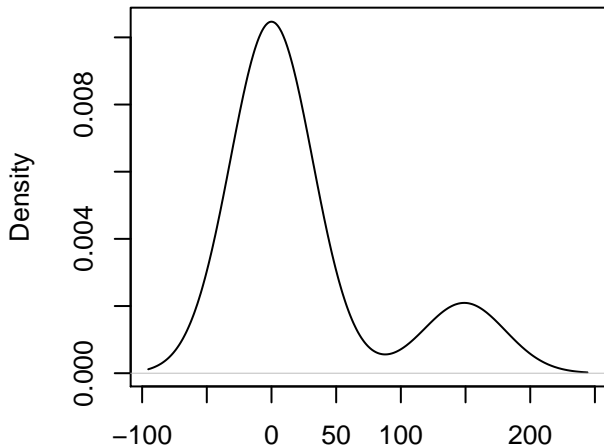
N = 13 Bandwidth = 18.23
breakpoint: 12705829 – 12705883 ws-0 ct-1

line = MAGIC.287 , Chr = 5



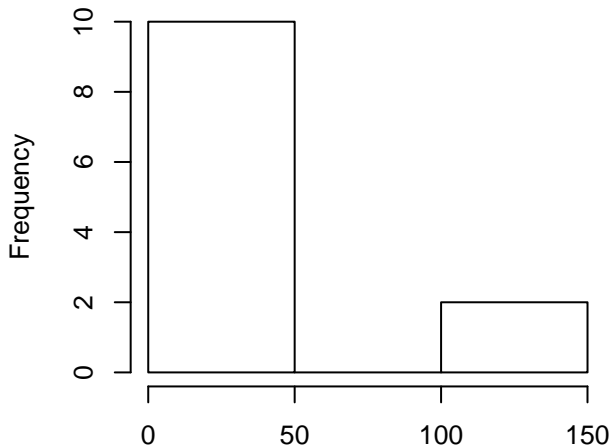
breakpoint: 12705829 – 12705883 ws-0 ct-1

Bp = 100 line = MAGIC.287 , Chr = 5



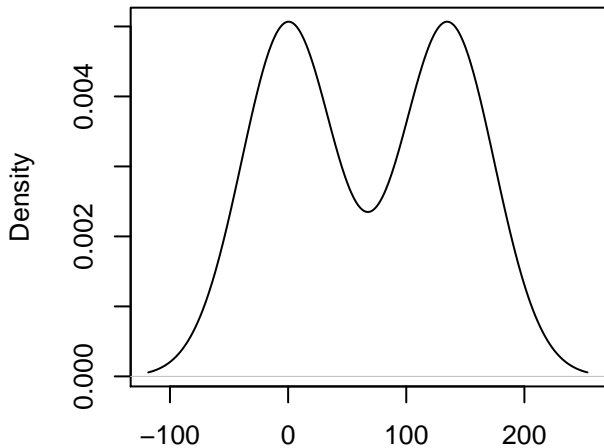
N = 12 Bandwidth = 31.76
breakpoint: 15231381 – 15231400 zu-0 ct-1

line = MAGIC.287 , Chr = 5



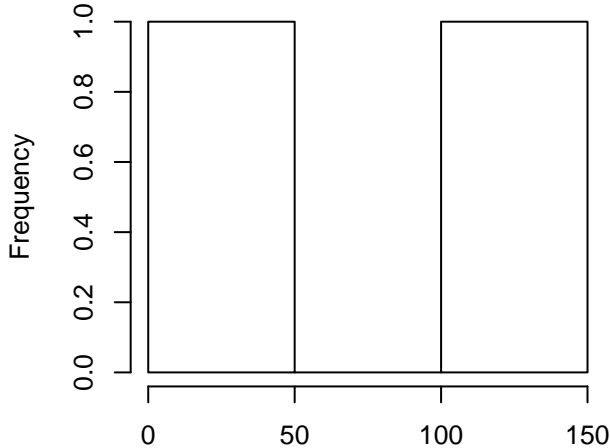
breakpoint: 15231381 – 15231400 zu-0 ct-1

Bp = 101 line = MAGIC.287 , Chr = 5



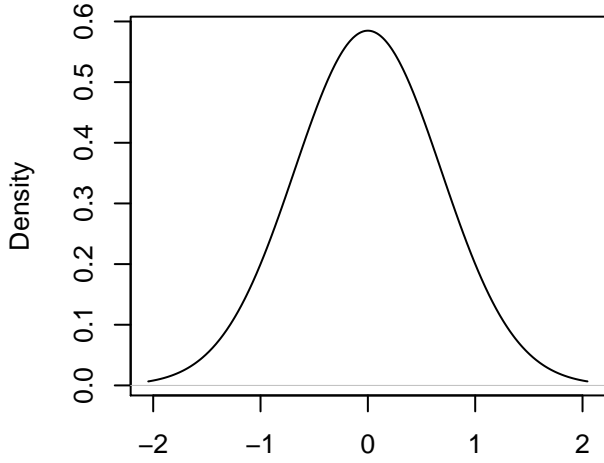
N = 2 Bandwidth = 39.47
breakpoint: 15446623 – 15446632 ct-1 zu-0

line = MAGIC.287 , Chr = 5



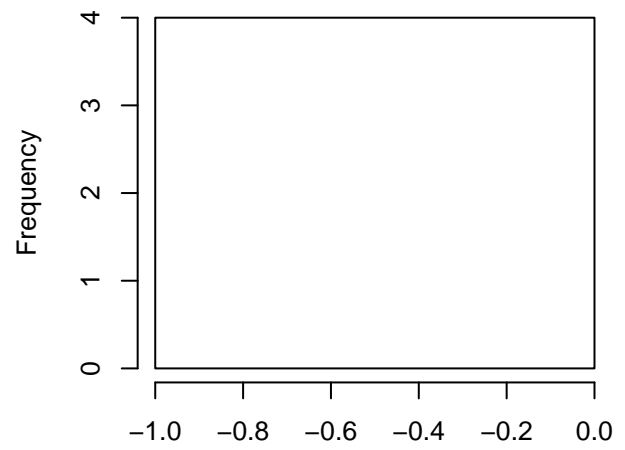
breakpoint: 15446623 – 15446632 ct-1 zu-0

Bp = 102 line = MAGIC.287 , Chr = 5



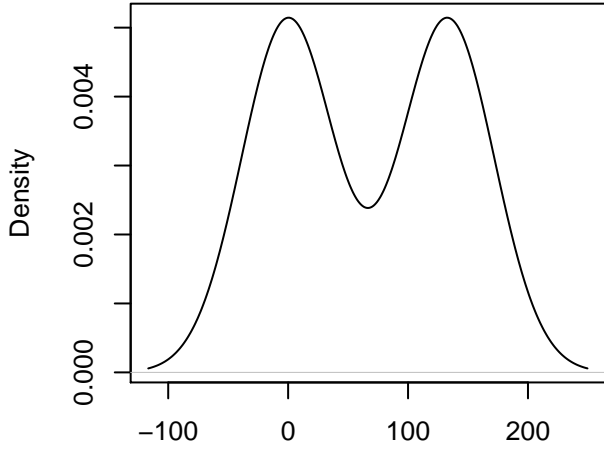
N = 4 Bandwidth = 0.6821
breakpoint: 15606287 – 15606320 zu-0 ct-1

line = MAGIC.287 , Chr = 5



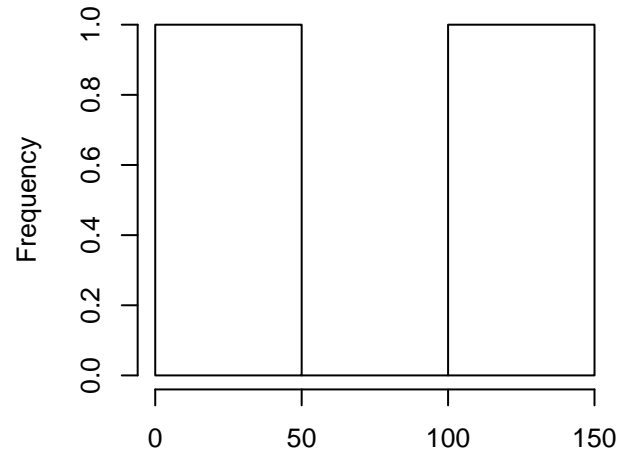
breakpoint: 15606287 – 15606320 zu-0 ct-1

Bp = 103 line = MAGIC.287 , Chr = 5



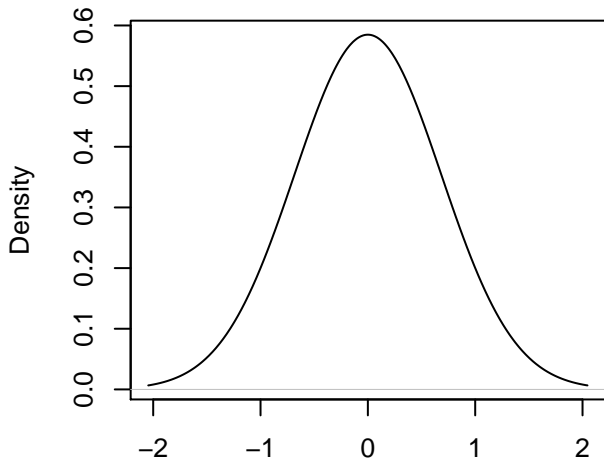
N = 2 Bandwidth = 38.88
breakpoint: 19456800 – 19456910 ct-1 bur-0

line = MAGIC.287 , Chr = 5



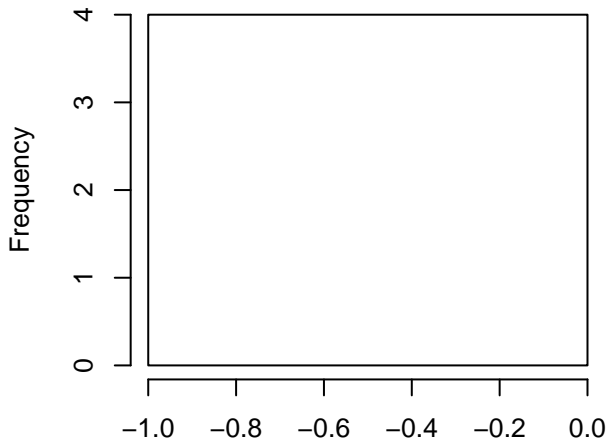
breakpoint: 19456800 – 19456910 ct-1 bur-0

Bp = 104 line = MAGIC.287 , Chr = 5



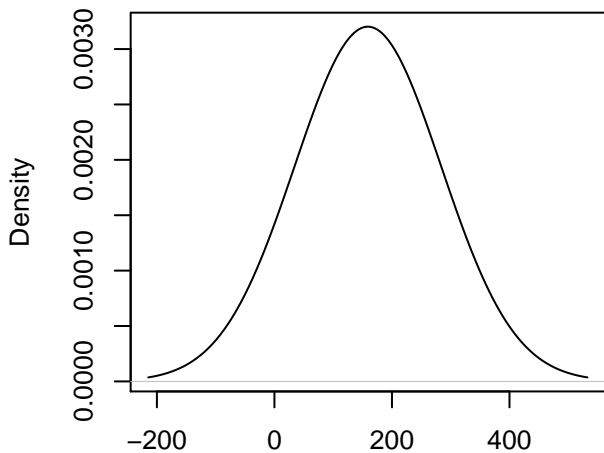
N = 4 Bandwidth = 0.6821
breakpoint: 21013826 – 21013831 bur-0 ws-0

line = MAGIC.287 , Chr = 5



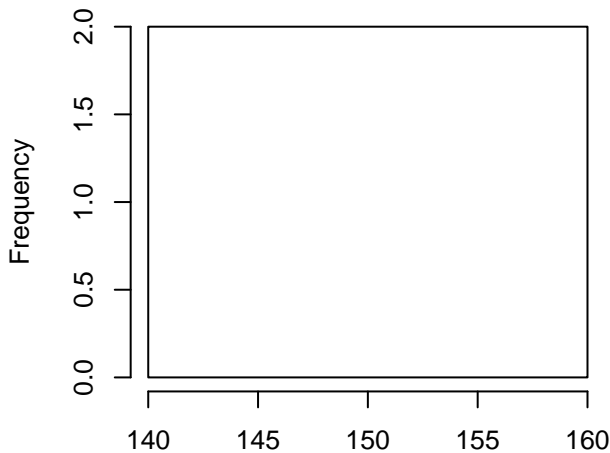
breakpoint: 21013826 – 21013831 bur-0 ws-0

Bp = 105 line = MAGIC.287 , Chr = 5



N = 2 Bandwidth = 124.6
breakpoint: 21015205 – 21016583 ws-0 bur-0

line = MAGIC.287 , Chr = 5



breakpoint: 21015205 – 21016583 ws-0 bur-0