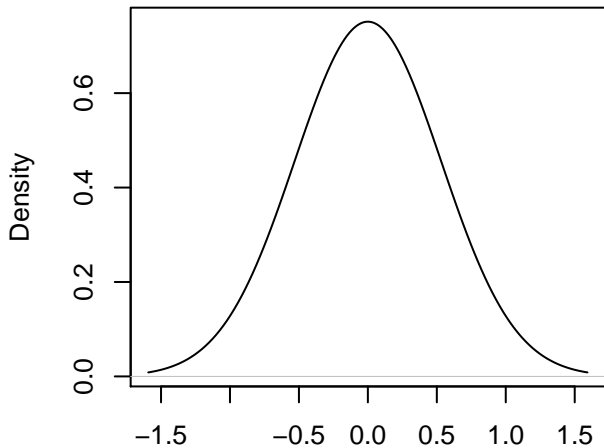
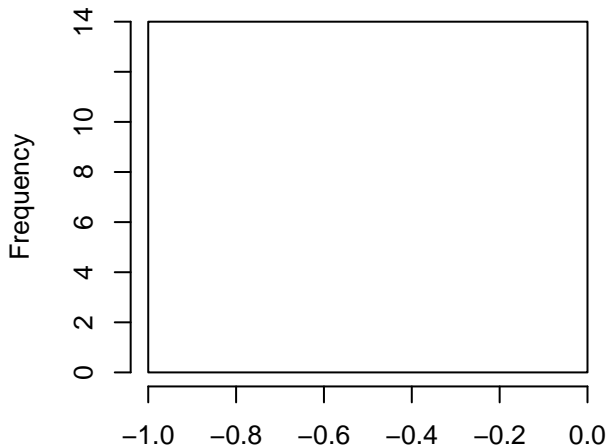


Bp = 2 line = MAGIC.446 , Chr = 1



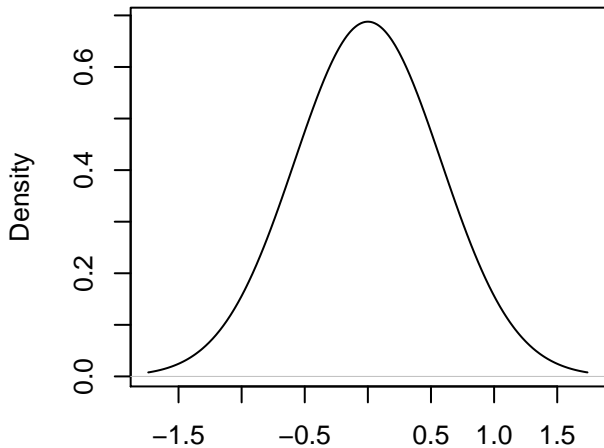
N = 14 Bandwidth = 0.5309
breakpoint: 9441318 – 9441326 ler-0 wil-2

line = MAGIC.446 , Chr = 1



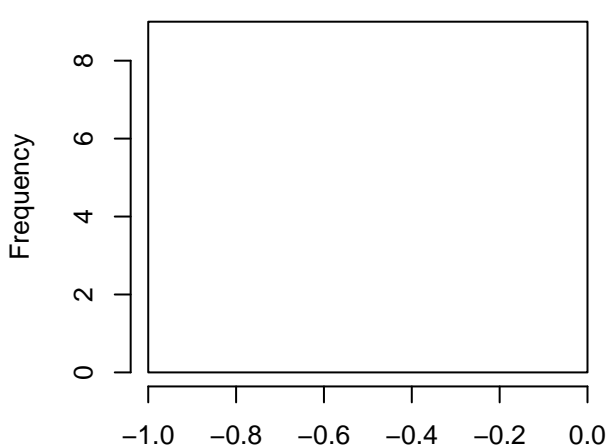
breakpoint: 9441318 – 9441326 ler-0 wil-2

Bp = 3 line = MAGIC.446 , Chr = 1



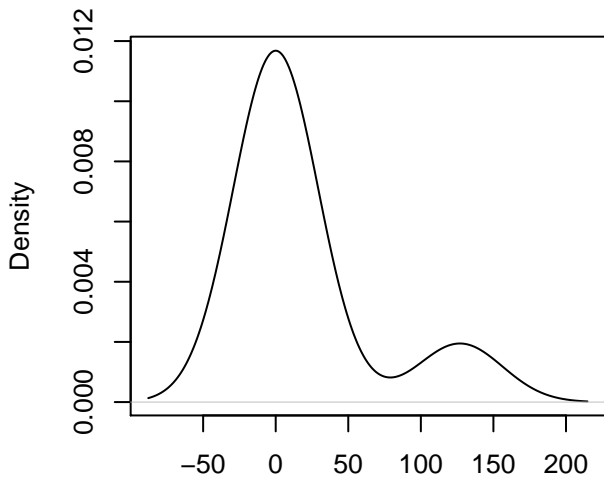
N = 9 Bandwidth = 0.58
breakpoint: 9444643 – 9444646 wil-2 ler-0

line = MAGIC.446 , Chr = 1



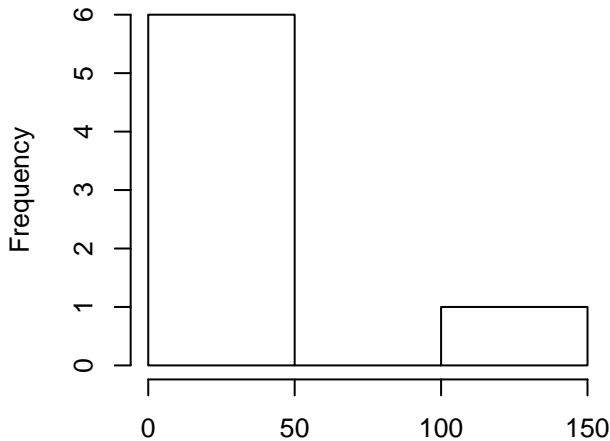
breakpoint: 9444643 – 9444646 wil-2 ler-0

Bp = 4 line = MAGIC.446 , Chr = 1



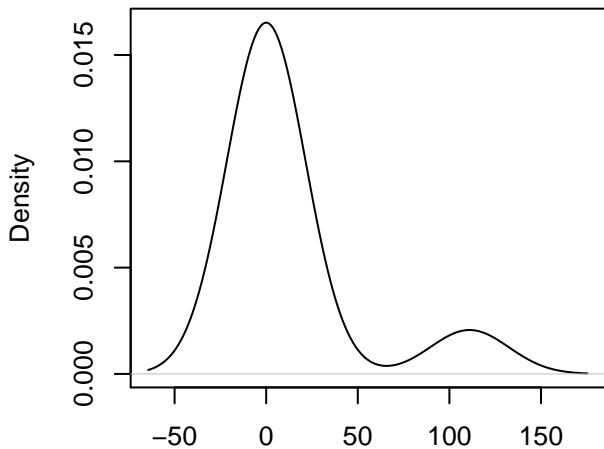
N = 7 Bandwidth = 29.27
breakpoint: 9626483 – 9626515 ler-0 no-0

line = MAGIC.446 , Chr = 1



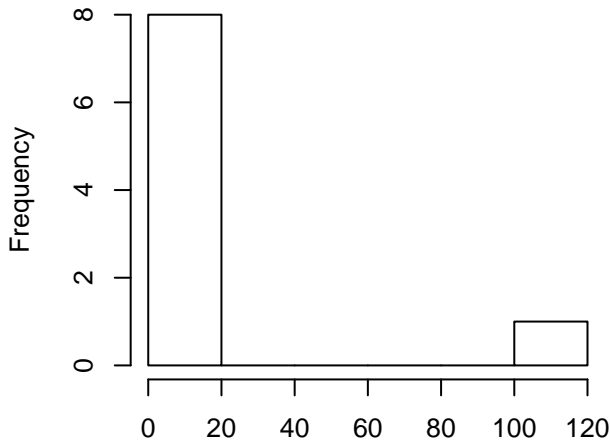
breakpoint: 9626483 – 9626515 ler-0 no-0

Bp = 7 line = MAGIC.446 , Chr = 1



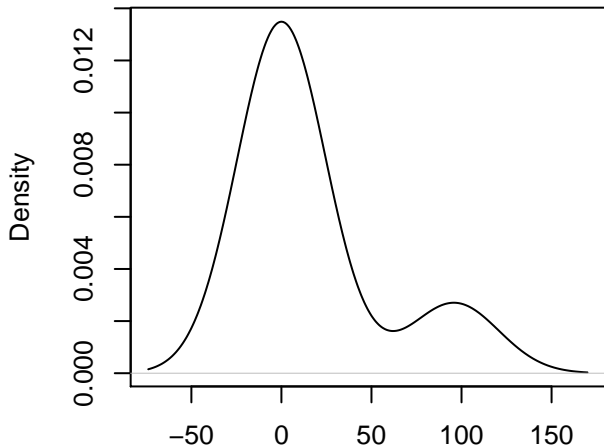
N = 9 Bandwidth = 21.46
breakpoint: 24176876 – 24176877 mt-0 sf-2

line = MAGIC.446 , Chr = 1



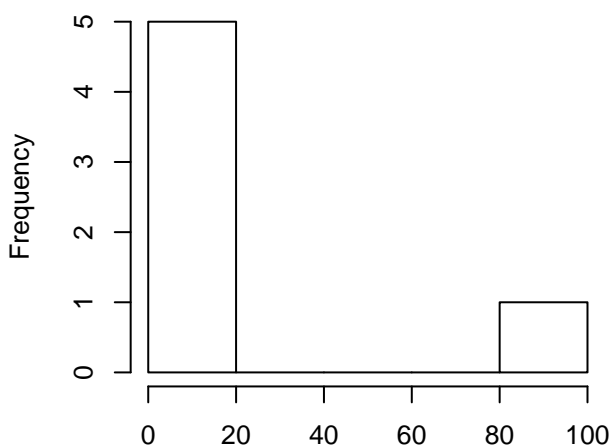
breakpoint: 24176876 – 24176877 mt-0 sf-2

Bp = 8 line = MAGIC.446 , Chr = 1



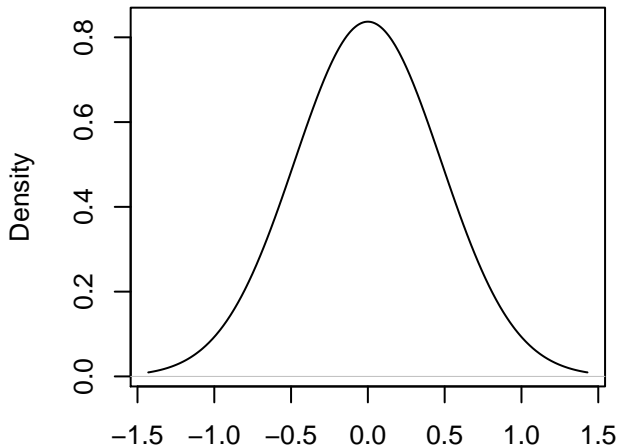
N = 6 Bandwidth = 24.65
breakpoint: 25254984 – 25254986 sf-2 kn-0

line = MAGIC.446 , Chr = 1



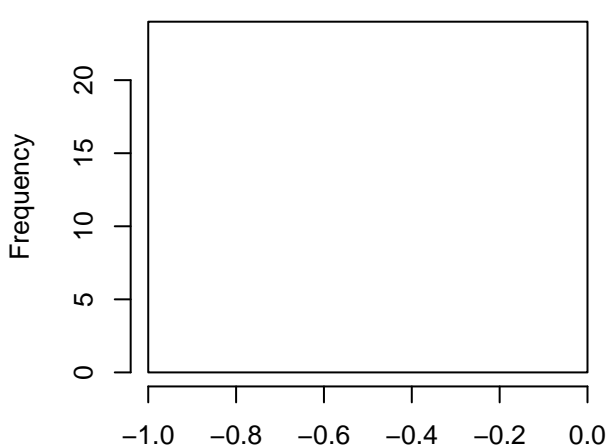
breakpoint: 25254984 – 25254986 sf-2 kn-0

Bp = 9 line = MAGIC.446 , Chr = 1



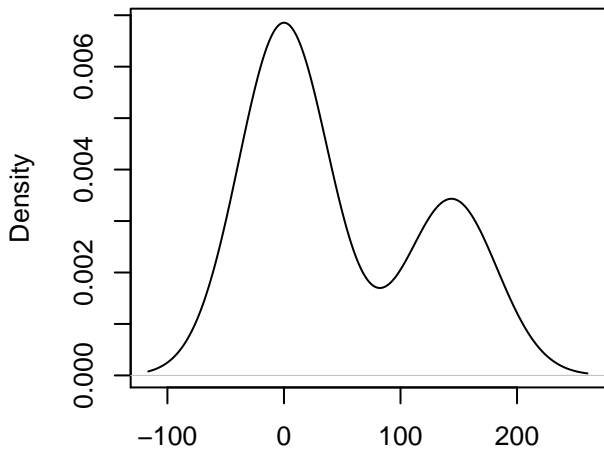
N = 24 Bandwidth = 0.4767
breakpoint: 25255199 – 25255210 kn-0 sf-2

line = MAGIC.446 , Chr = 1



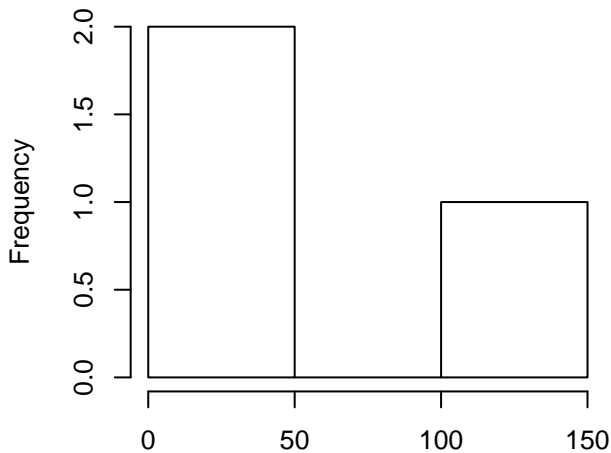
breakpoint: 25255199 – 25255210 kn-0 sf-2

Bp = 10 line = MAGIC.446 , Chr = 2



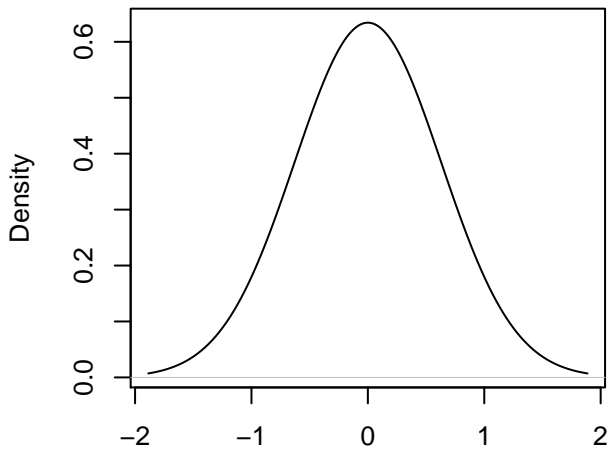
N = 3 Bandwidth = 38.82
breakpoint: 57566 – 57715 po-0 sf-2

line = MAGIC.446 , Chr = 2



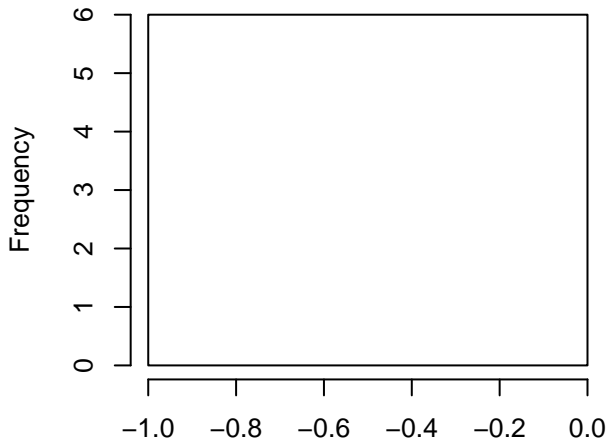
breakpoint: 57566 – 57715 po-0 sf-2

Bp = 11 line = MAGIC.446 , Chr = 2



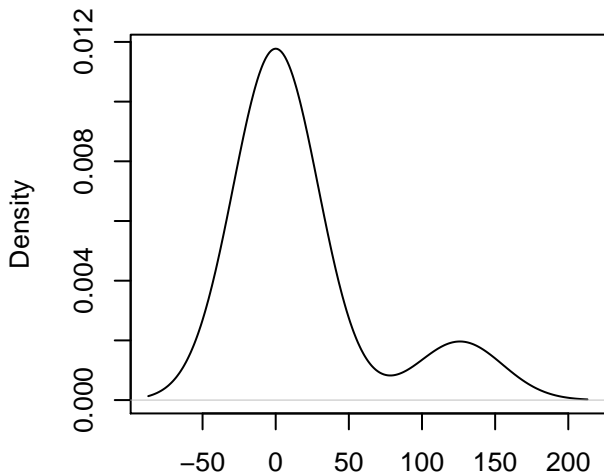
N = 6 Bandwidth = 0.6289
breakpoint: 2311297 – 2311362 sf-2 po-0

line = MAGIC.446 , Chr = 2



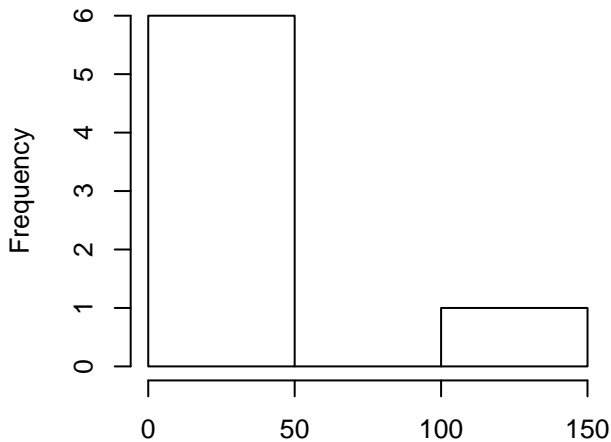
breakpoint: 2311297 – 2311362 sf-2 po-0

Bp = 12 line = MAGIC.446 , Chr = 2



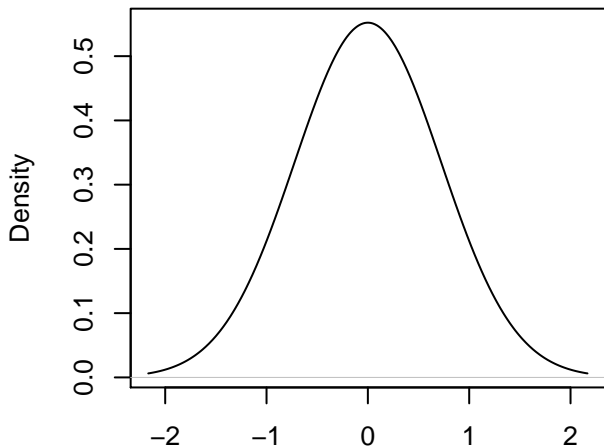
N = 7 Bandwidth = 29.04
breakpoint: 4437996 – 4438946 po-0 bur-0

line = MAGIC.446 , Chr = 2



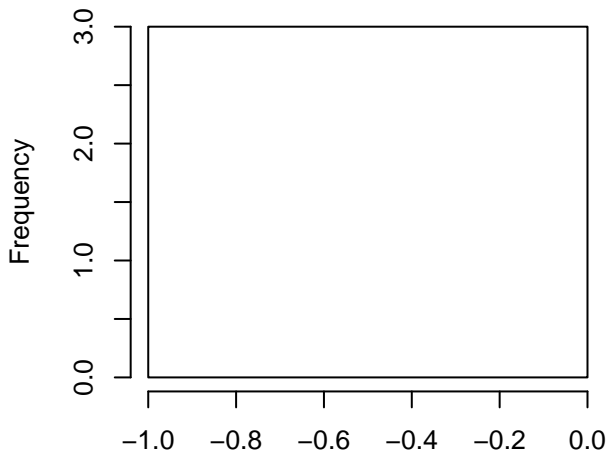
breakpoint: 4437996 – 4438946 po-0 bur-0

Bp = 16 line = MAGIC.446 , Chr = 2



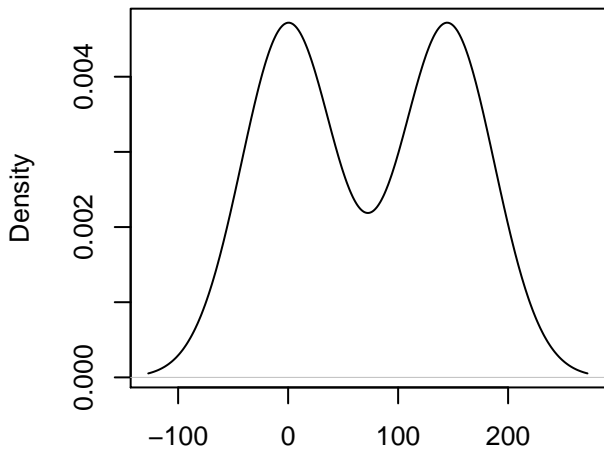
N = 3 Bandwidth = 0.7225
breakpoint: 5499887 – 5500017 ler-0 tsu-0

line = MAGIC.446 , Chr = 2



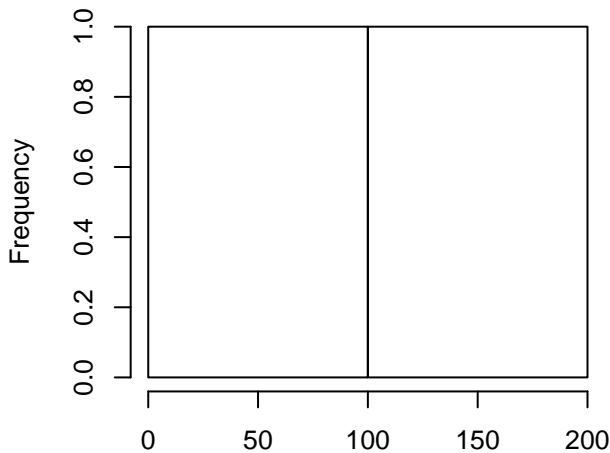
breakpoint: 5499887 – 5500017 ler-0 tsu-0

Bp = 18 line = MAGIC.446 , Chr = 2



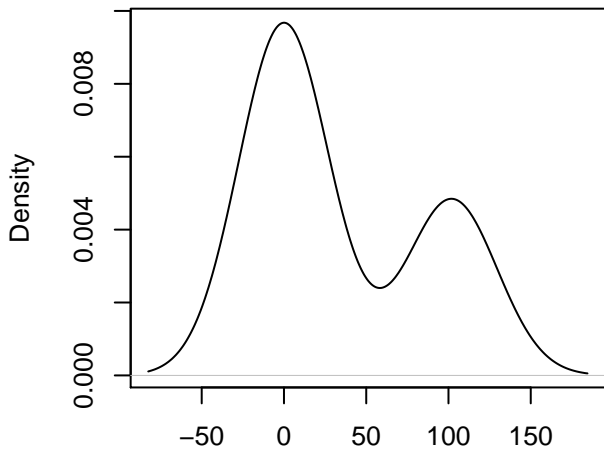
N = 2 Bandwidth = 42.39
breakpoint: 5741767 – 5741796 po-0 ct-1

line = MAGIC.446 , Chr = 2



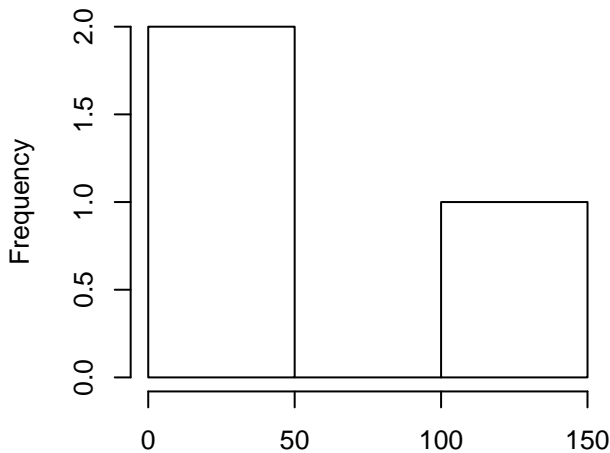
breakpoint: 5741767 – 5741796 po-0 ct-1

Bp = 20 line = MAGIC.446 , Chr = 2



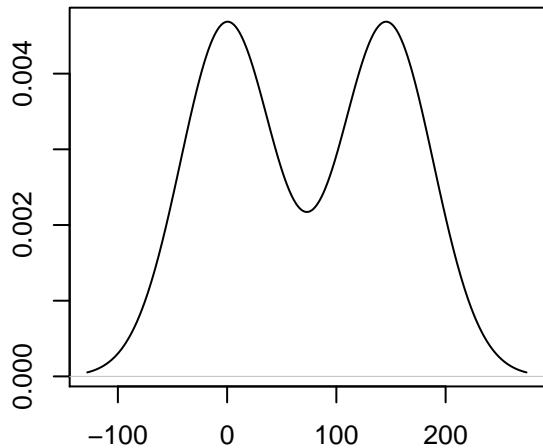
N = 3 Bandwidth = 27.5
breakpoint: 5909766 – 5909787 po-0 kn-0

line = MAGIC.446 , Chr = 2



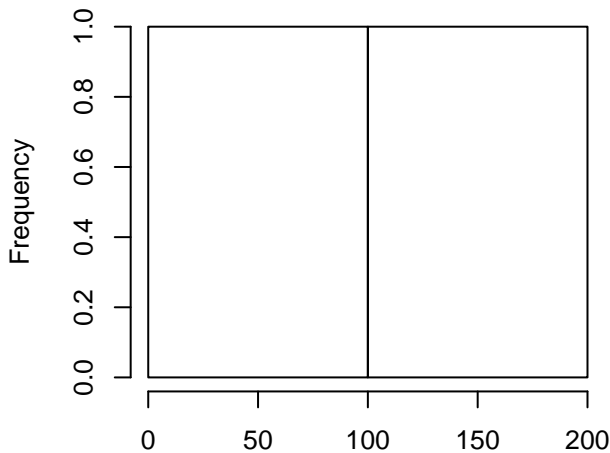
breakpoint: 5909766 – 5909787 po-0 kn-0

Bp = 21 line = MAGIC.446 , Chr = 2



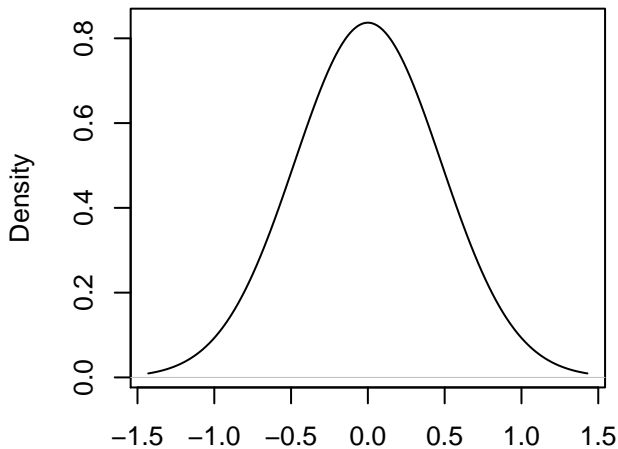
N = 2 Bandwidth = 42.68
breakpoint: 5920851 – 5920871 kn-0 po-0

line = MAGIC.446 , Chr = 2



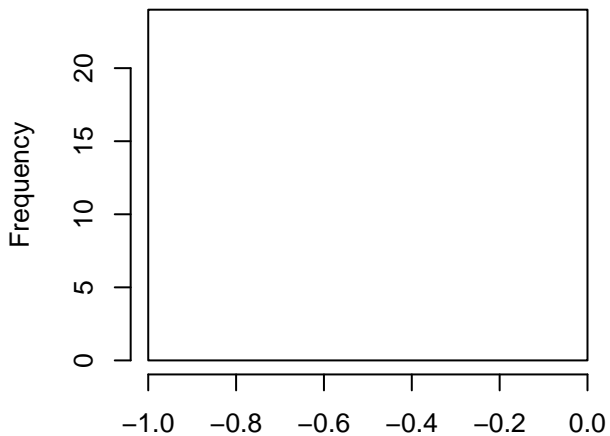
breakpoint: 5920851 – 5920871 kn-0 po-0

Bp = 22 line = MAGIC.446 , Chr = 2



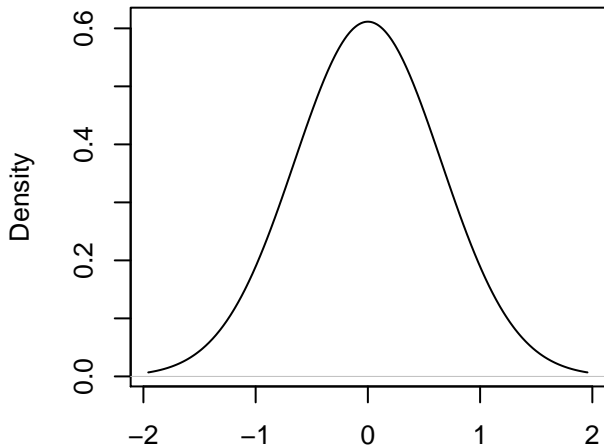
N = 24 Bandwidth = 0.4767
breakpoint: 5944392 – 5944425 po-0 ler-0

line = MAGIC.446 , Chr = 2



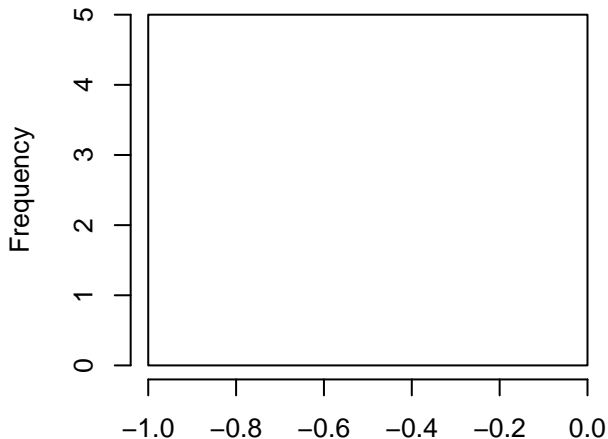
breakpoint: 5944392 – 5944425 po-0 ler-0

Bp = 23 line = MAGIC.446 , Chr = 2



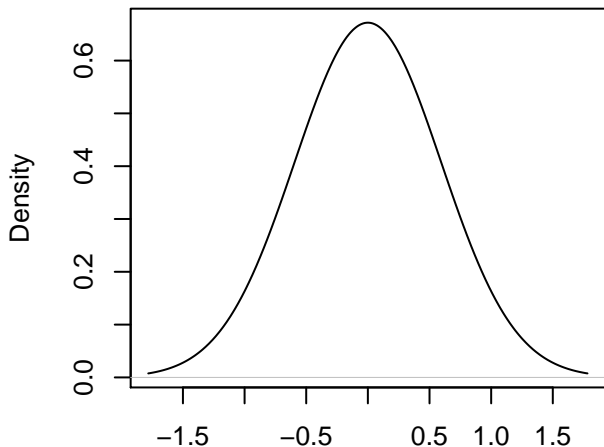
N = 5 Bandwidth = 0.6523
breakpoint: 6205462 - 6205476 ler=0 hi=0

line = MAGIC.446 , Chr = 2



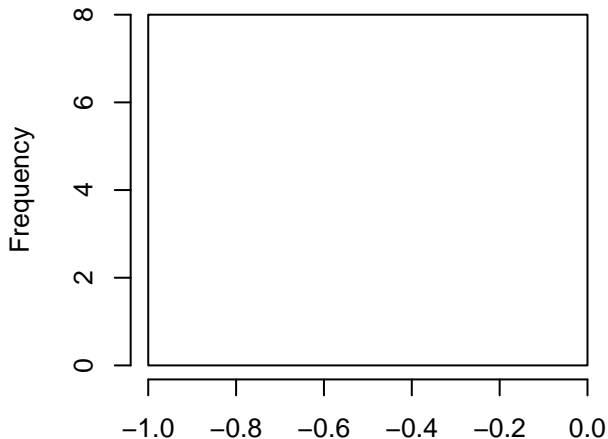
breakpoint: 6205462 - 6205476 ler=0 hi=0

Bp = 24 line = MAGIC.446 , Chr = 2



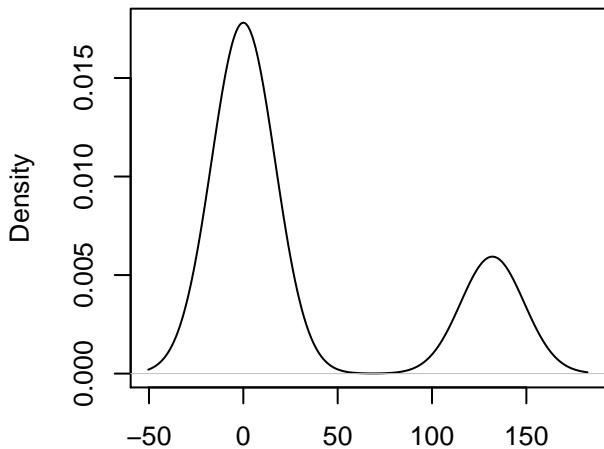
N = 8 Bandwidth = 0.5938
breakpoint: 6262935 - 6262939 hi=0 sf=2

line = MAGIC.446 , Chr = 2



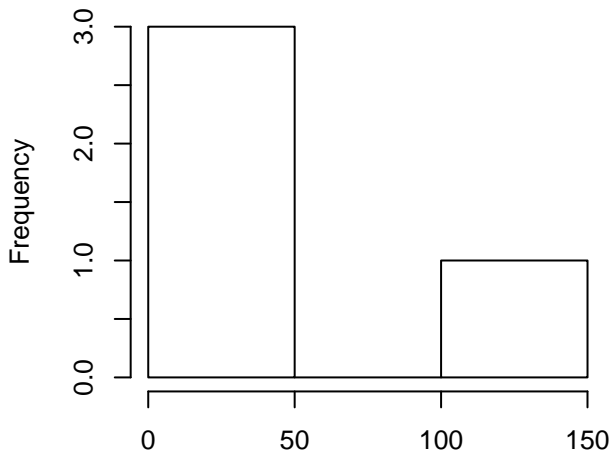
breakpoint: 6262935 - 6262939 hi=0 sf=2

Bp = 25 line = MAGIC.446 , Chr = 2



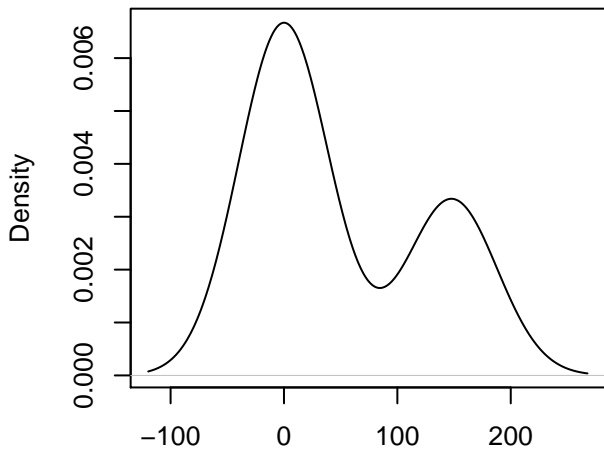
N = 4 Bandwidth = 16.8
breakpoint: 6286940 – 6298628 sf-2 po-0

line = MAGIC.446 , Chr = 2



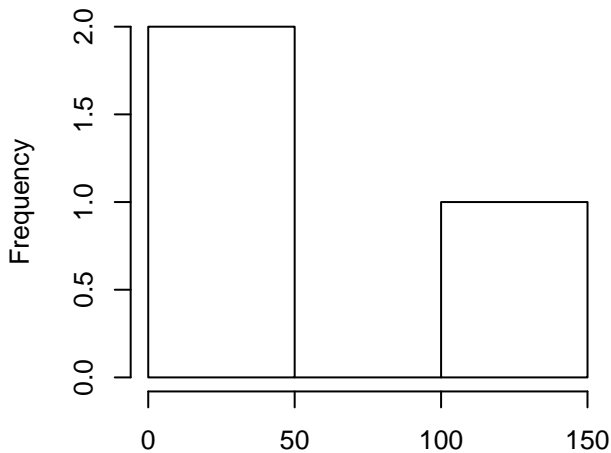
breakpoint: 6286940 – 6298628 sf-2 po-0

Bp = 26 line = MAGIC.446 , Chr = 2



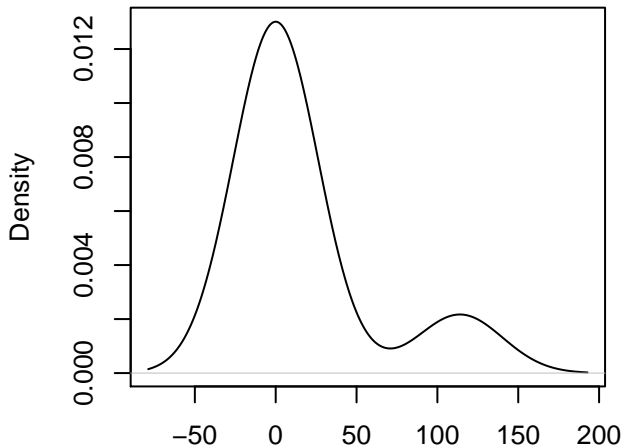
N = 3 Bandwidth = 39.9
breakpoint: 6653912 – 6653918 po-0 rsch-4

line = MAGIC.446 , Chr = 2



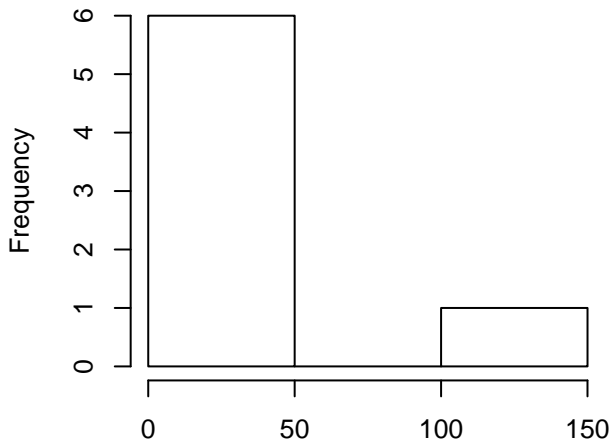
breakpoint: 6653912 – 6653918 po-0 rsch-4

Bp = 27 line = MAGIC.446 , Chr = 2



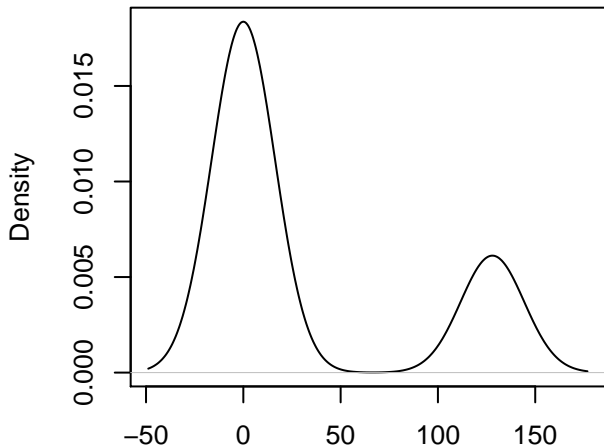
N = 7 Bandwidth = 26.28
breakpoint: 6666285 – 6666296 rsch-4 po-0

line = MAGIC.446 , Chr = 2



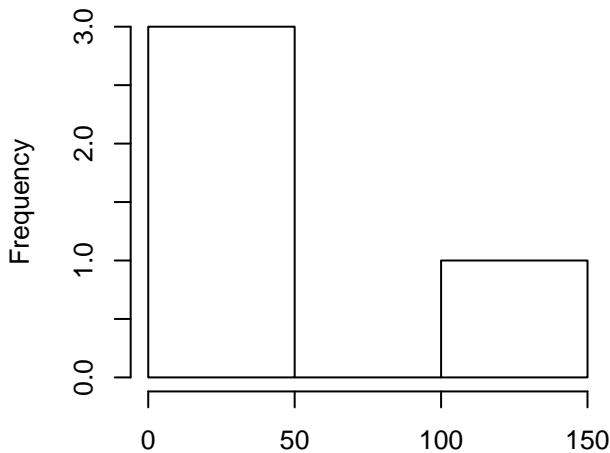
breakpoint: 6666285 – 6666296 rsch-4 po-0

Bp = 28 line = MAGIC.446 , Chr = 2



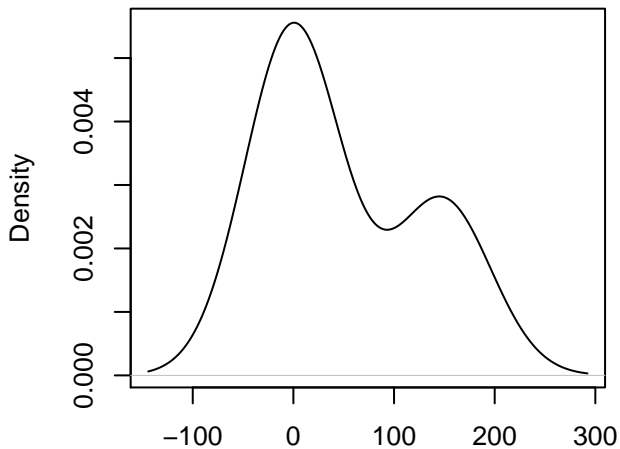
N = 4 Bandwidth = 16.29
breakpoint: 6797513 – 6797581 po-0 edi-0

line = MAGIC.446 , Chr = 2



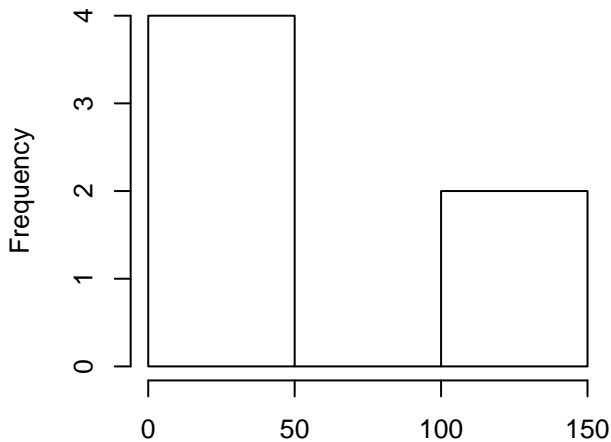
breakpoint: 6797513 – 6797581 po-0 edi-0

Bp = 30 line = MAGIC.446 , Chr = 2



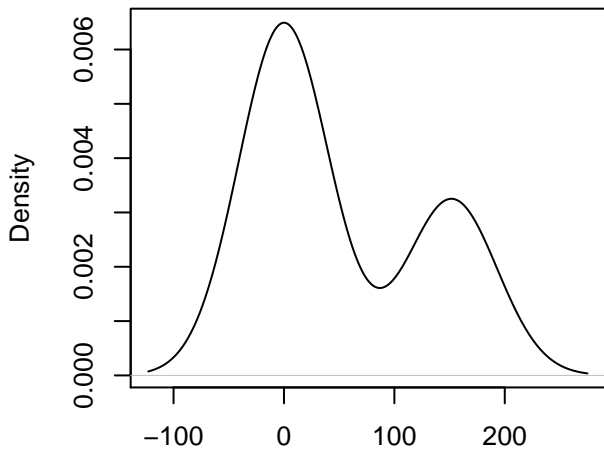
N = 6 Bandwidth = 48.07
breakpoint: 7099140 – 7099178 po-0 no-0

line = MAGIC.446 , Chr = 2



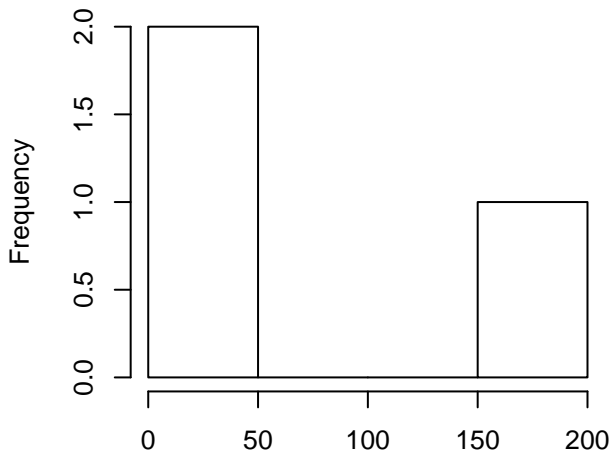
breakpoint: 7099140 – 7099178 po-0 no-0

Bp = 34 line = MAGIC.446 , Chr = 3



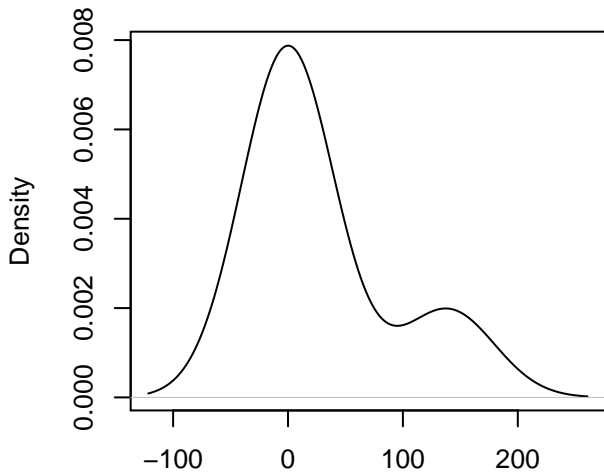
N = 3 Bandwidth = 40.98
breakpoint: 1122726 – 1122808 tsu-0 po-0

line = MAGIC.446 , Chr = 3



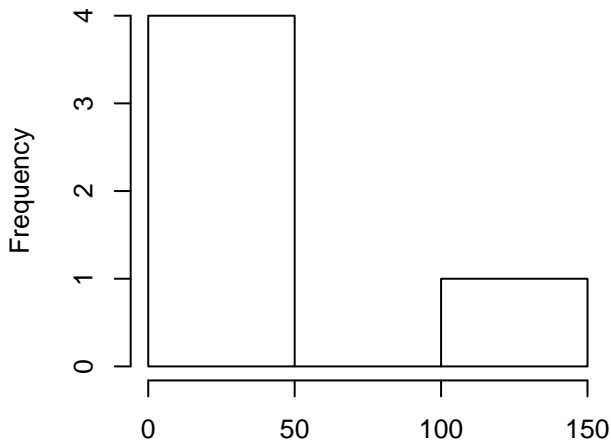
breakpoint: 1122726 – 1122808 tsu-0 po-0

Bp = 36 line = MAGIC.446 , Chr = 3



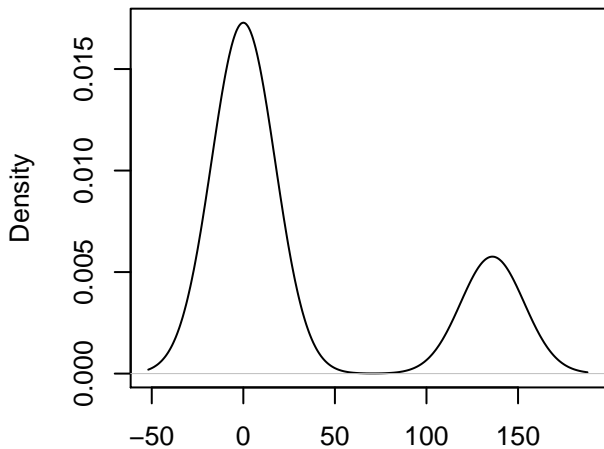
N = 5 Bandwidth = 40.55
breakpoint: 1864241 – 1864242 wu-0 ct-1

line = MAGIC.446 , Chr = 3



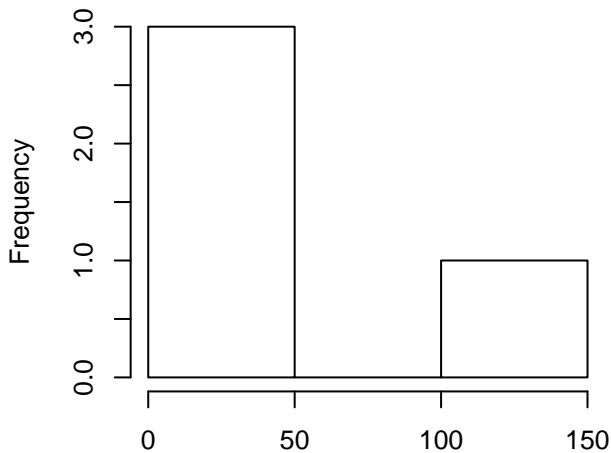
breakpoint: 1864241 – 1864242 wu-0 ct-1

Bp = 37 line = MAGIC.446 , Chr = 3



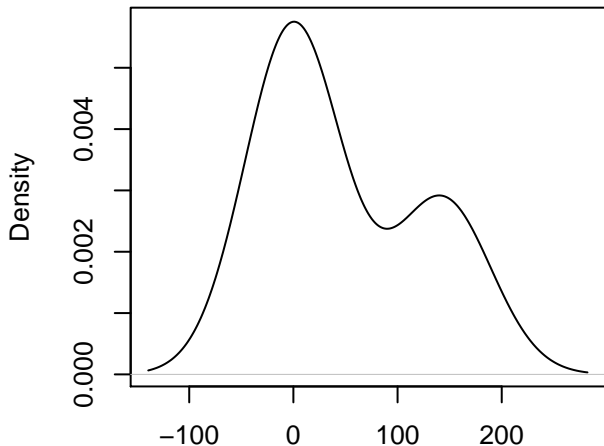
N = 4 Bandwidth = 17.31
breakpoint: 2371599 – 2372022 ct-1 ws-0

line = MAGIC.446 , Chr = 3



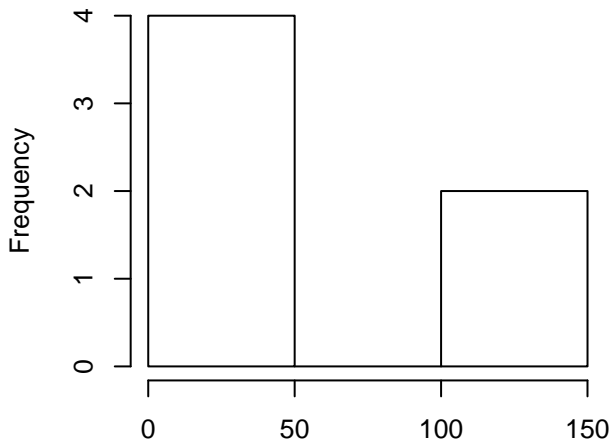
breakpoint: 2371599 – 2372022 ct-1 ws-0

Bp = 43 line = MAGIC.446 , Chr = 3



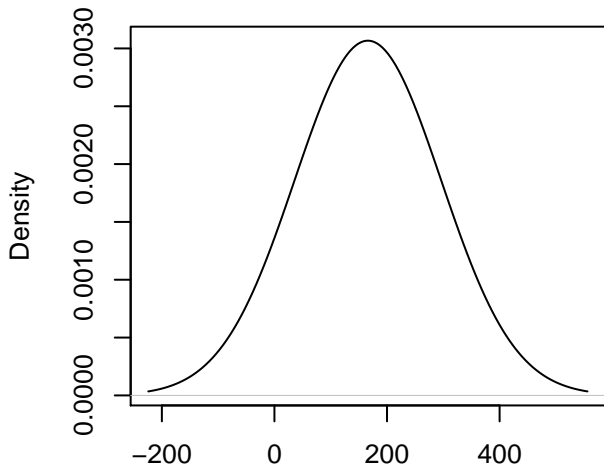
N = 6 Bandwidth = 46.44
breakpoint: 3574083 – 3574307 can-0 po-0

line = MAGIC.446 , Chr = 3



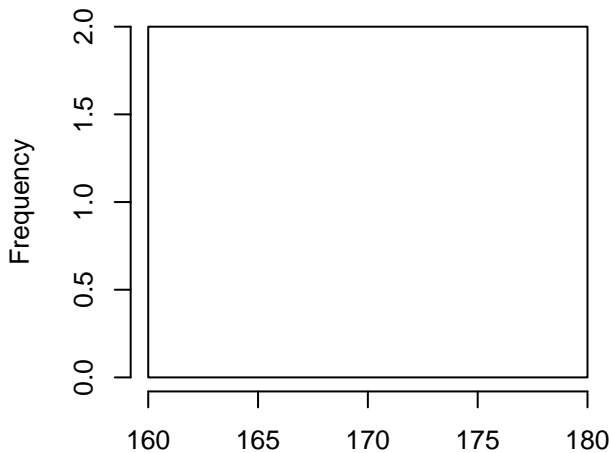
breakpoint: 3574083 – 3574307 can-0 po-0

Bp = 45 line = MAGIC.446 , Chr = 3



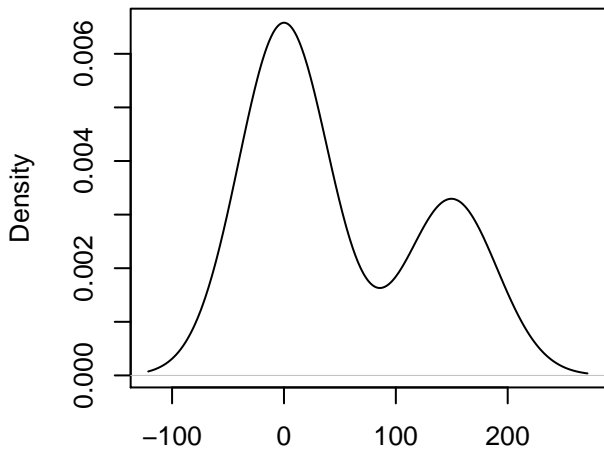
N = 2 Bandwidth = 130.1
breakpoint: 4037004 – 4037058 bur-0 po-0

line = MAGIC.446 , Chr = 3



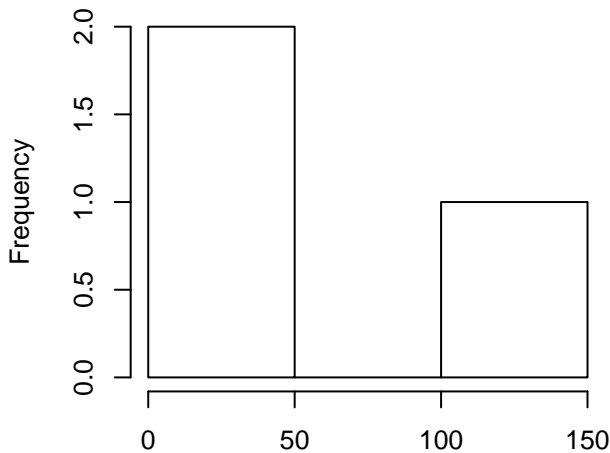
breakpoint: 4037004 – 4037058 bur-0 po-0

Bp = 46 line = MAGIC.446 , Chr = 3



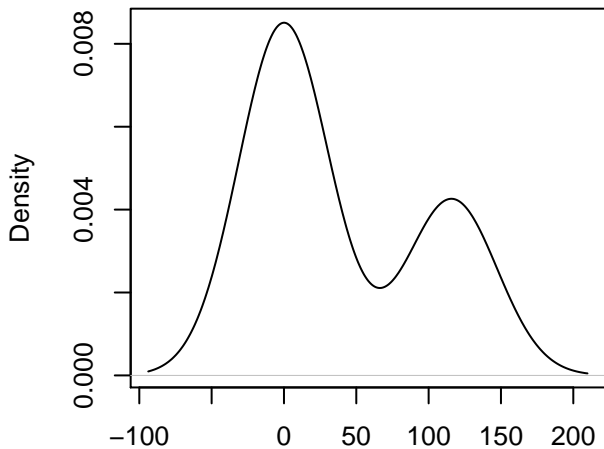
N = 3 Bandwidth = 40.44
breakpoint: 4649716 – 4649796 po-0 ct-1

line = MAGIC.446 , Chr = 3



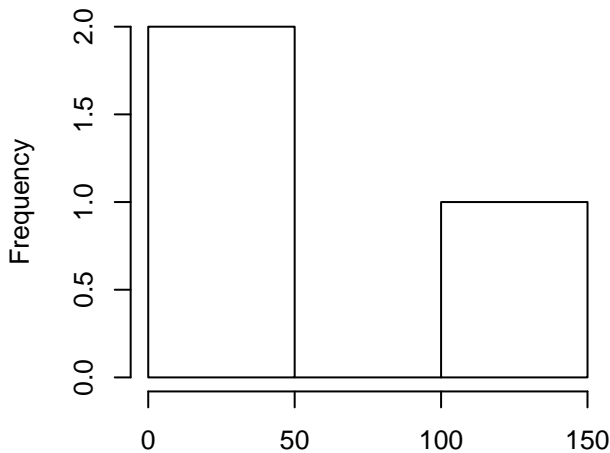
breakpoint: 4649716 – 4649796 po-0 ct-1

Bp = 47 line = MAGIC.446 , Chr = 3



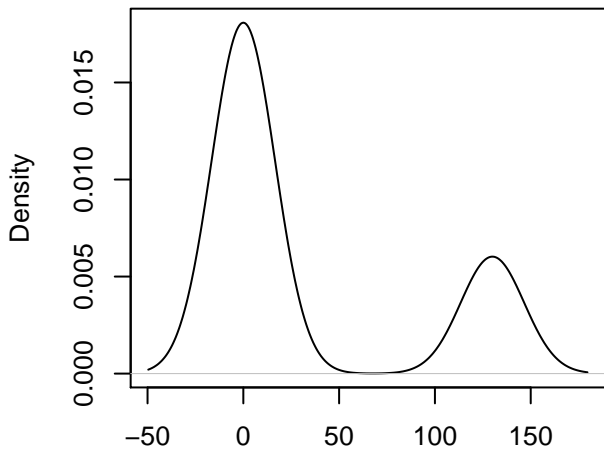
N = 3 Bandwidth = 31.27
breakpoint: 4987430 – 4987904 ct-1 rsch-4

line = MAGIC.446 , Chr = 3



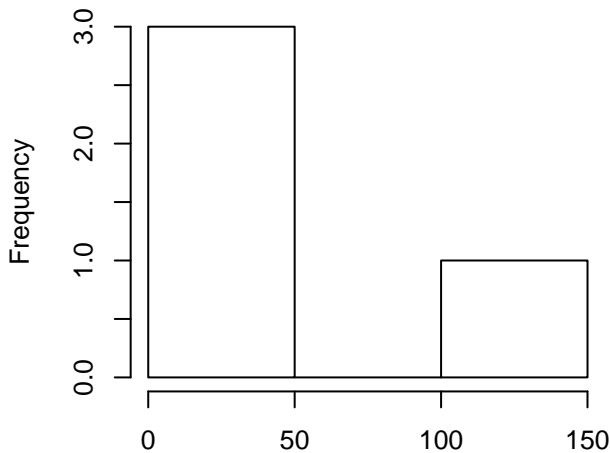
breakpoint: 4987430 – 4987904 ct-1 rsch-4

Bp = 48 line = MAGIC.446 , Chr = 3



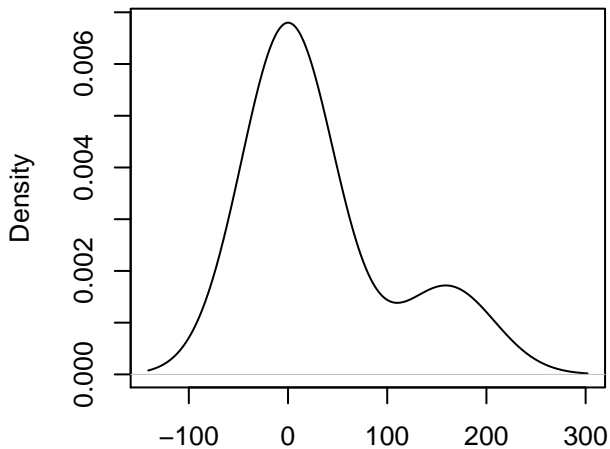
N = 4 Bandwidth = 16.54
breakpoint: 5256124 – 5256192 rsch-4 can-0

line = MAGIC.446 , Chr = 3



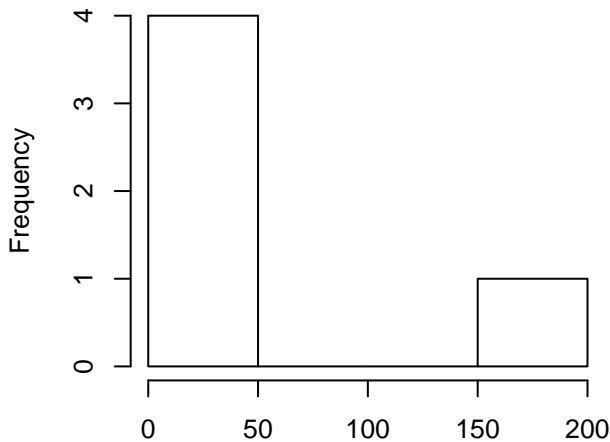
breakpoint: 5256124 – 5256192 rsch-4 can-0

Bp = 50 line = MAGIC.446 , Chr = 3



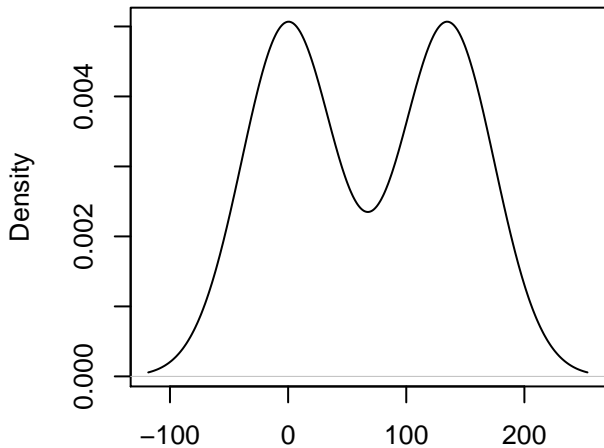
N = 5 Bandwidth = 46.97
breakpoint: 5495942 – 5495984 edi-0 rsch-4

line = MAGIC.446 , Chr = 3



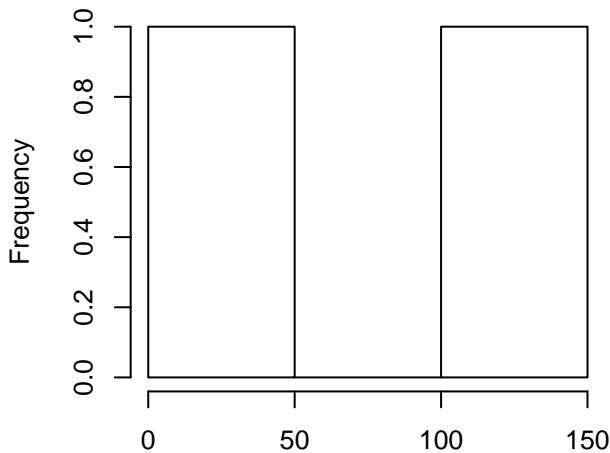
breakpoint: 5495942 – 5495984 edi-0 rsch-4

Bp = 53 line = MAGIC.446 , Chr = 3



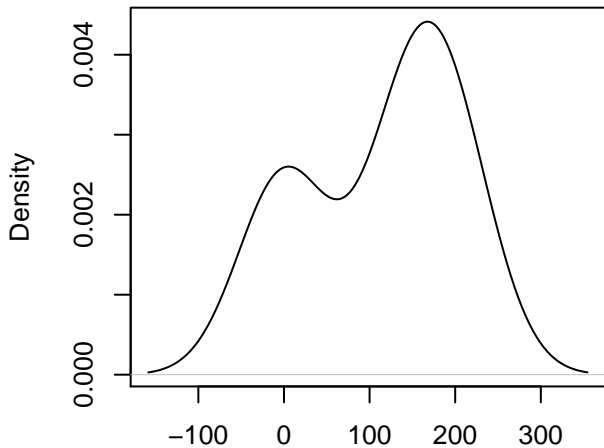
N = 2 Bandwidth = 39.47
breakpoint: 5693914 – 5693915 bur-0 po-0

line = MAGIC.446 , Chr = 3



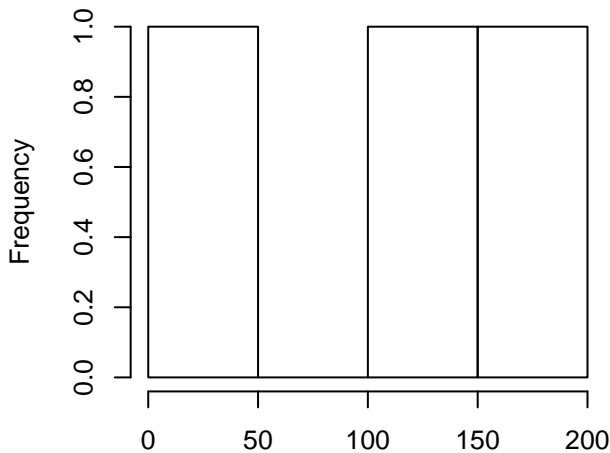
breakpoint: 5693914 – 5693915 bur-0 po-0

Bp = 54 line = MAGIC.446 , Chr = 3



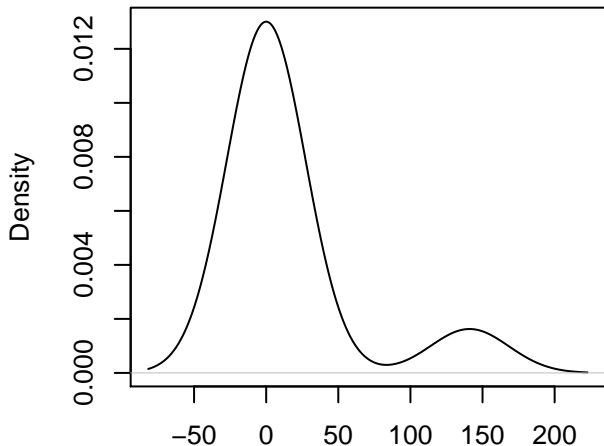
N = 3 Bandwidth = 52.84
breakpoint: 6403828 – 6403843 po-0 hi-0

line = MAGIC.446 , Chr = 3



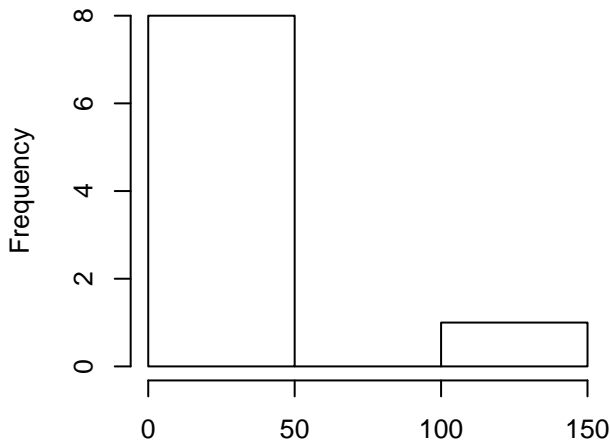
breakpoint: 6403828 – 6403843 po-0 hi-0

Bp = 55 line = MAGIC.446 , Chr = 3



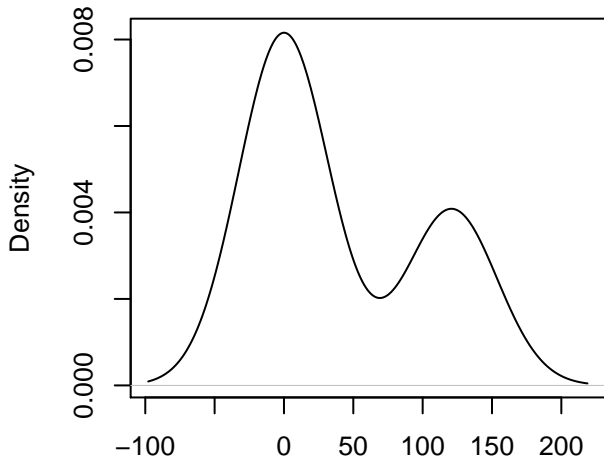
N = 9 Bandwidth = 27.26
breakpoint: 6445475 – 6445804 hi=0 bur=0

line = MAGIC.446 , Chr = 3



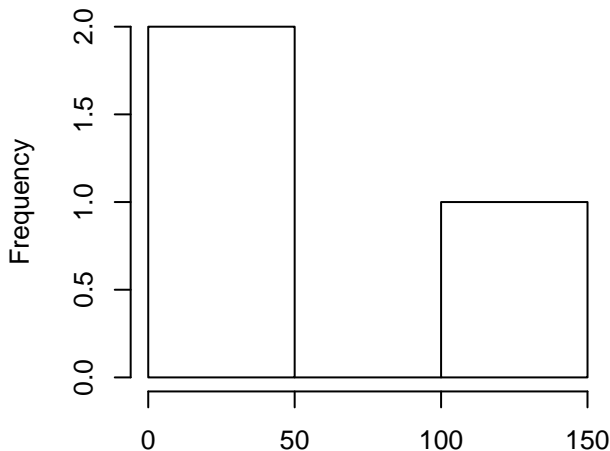
breakpoint: 6445475 – 6445804 hi=0 bur=0

Bp = 57 line = MAGIC.446 , Chr = 3



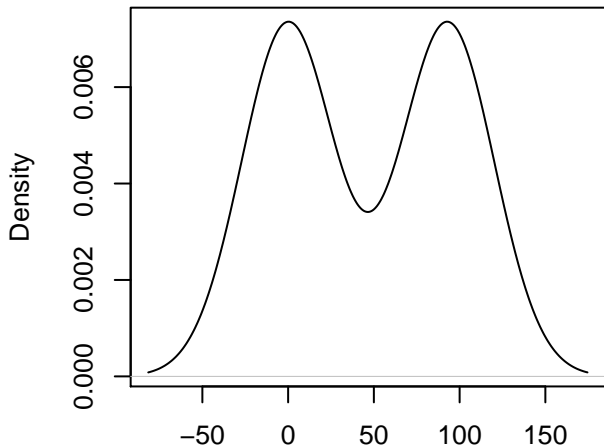
N = 3 Bandwidth = 32.62
breakpoint: 6497718 – 6497760 hi=0 po=0

line = MAGIC.446 , Chr = 3



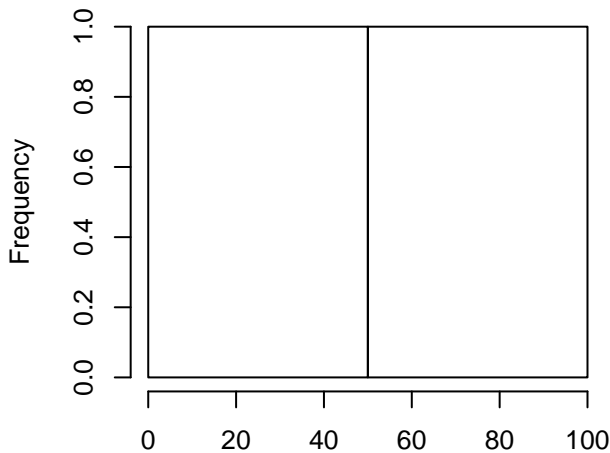
breakpoint: 6497718 – 6497760 hi=0 po=0

Bp = 60 line = MAGIC.446 , Chr = 3



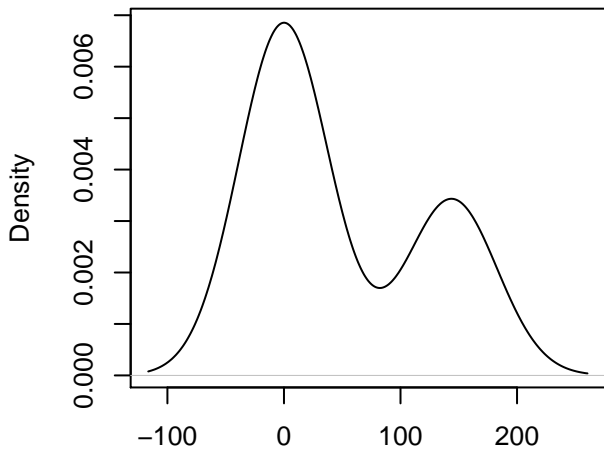
N = 2 Bandwidth = 27.19
breakpoint: 6940149 – 6940150 po-0 bur-0

line = MAGIC.446 , Chr = 3



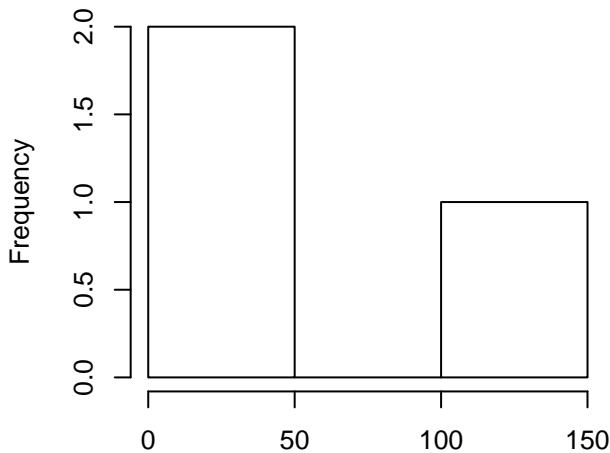
breakpoint: 6940149 – 6940150 po-0 bur-0

Bp = 61 line = MAGIC.446 , Chr = 3



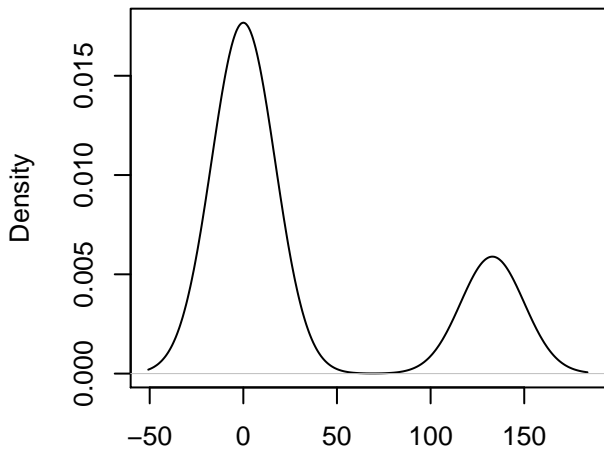
N = 3 Bandwidth = 38.82
breakpoint: 7069922 – 7070005 bur-0 po-0

line = MAGIC.446 , Chr = 3



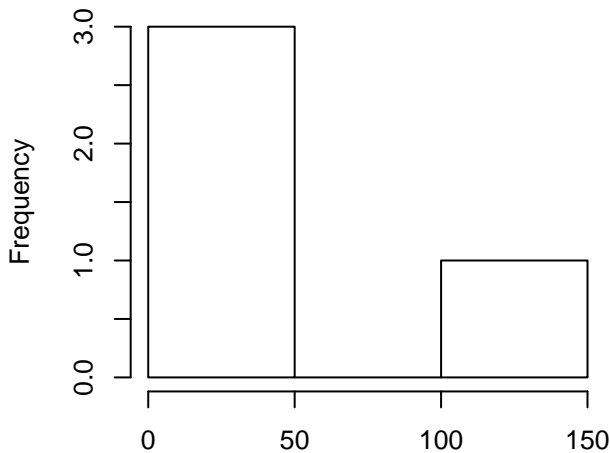
breakpoint: 7069922 – 7070005 bur-0 po-0

Bp = 63 line = MAGIC.446 , Chr = 3



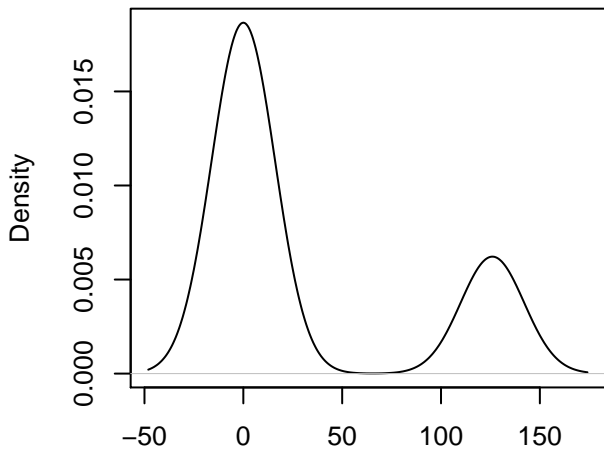
N = 4 Bandwidth = 16.92
breakpoint: 7359719 – 7359834 wu-0 ler-0

line = MAGIC.446 , Chr = 3



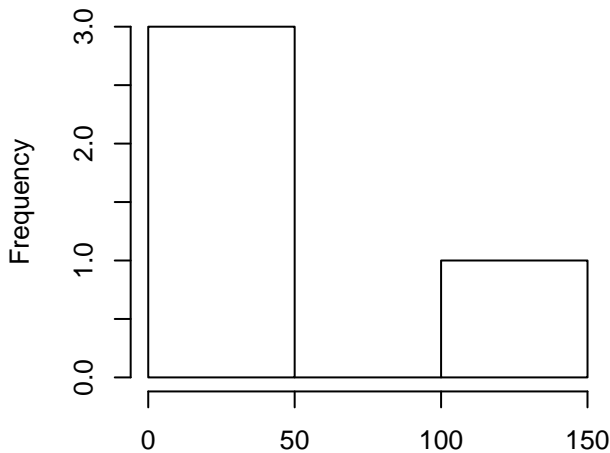
breakpoint: 7359719 – 7359834 wu-0 ler-0

Bp = 64 line = MAGIC.446 , Chr = 3



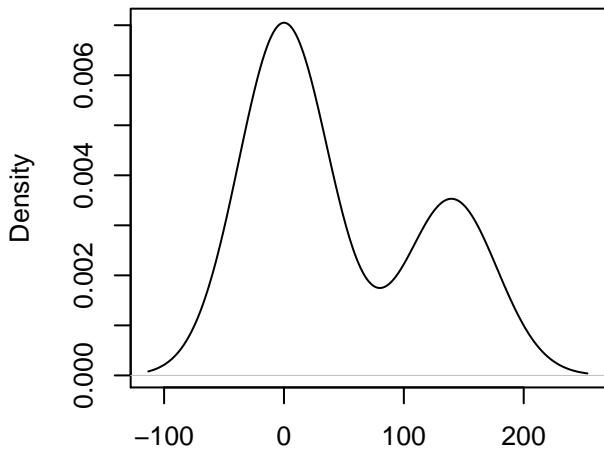
N = 4 Bandwidth = 16.03
breakpoint: 9169887 – 9169935 ler-0 hi-0

line = MAGIC.446 , Chr = 3



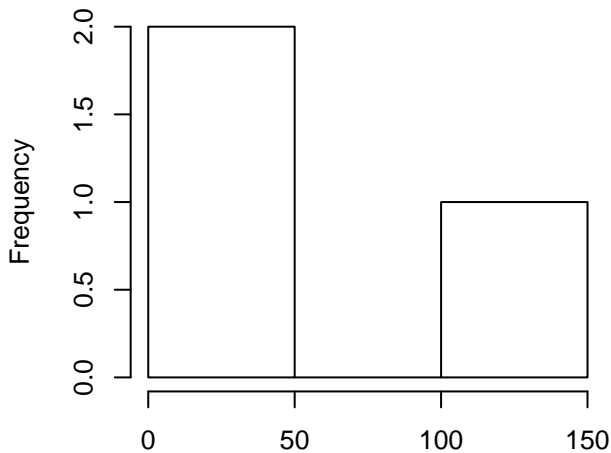
breakpoint: 9169887 – 9169935 ler-0 hi-0

Bp = 65 line = MAGIC.446 , Chr = 3



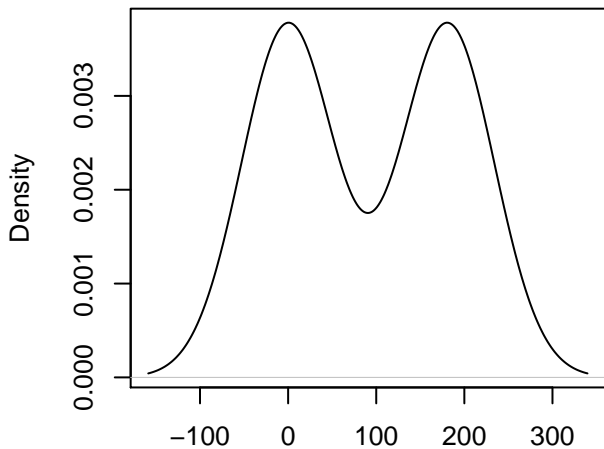
N = 3 Bandwidth = 37.74
breakpoint: 9761455 – 9761459 hi-0 col-0

line = MAGIC.446 , Chr = 3



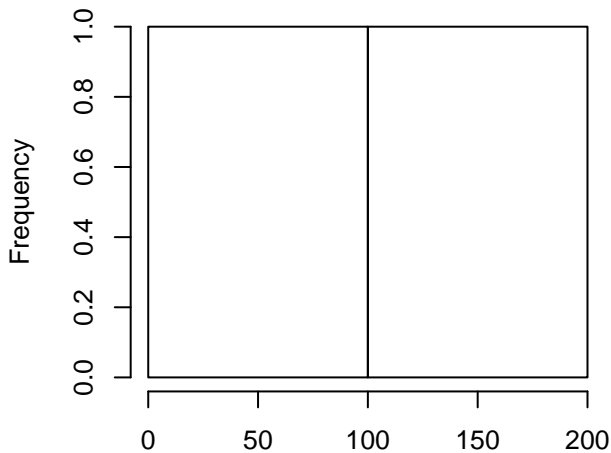
breakpoint: 9761455 – 9761459 hi-0 col-0

Bp = 67 line = MAGIC.446 , Chr = 3



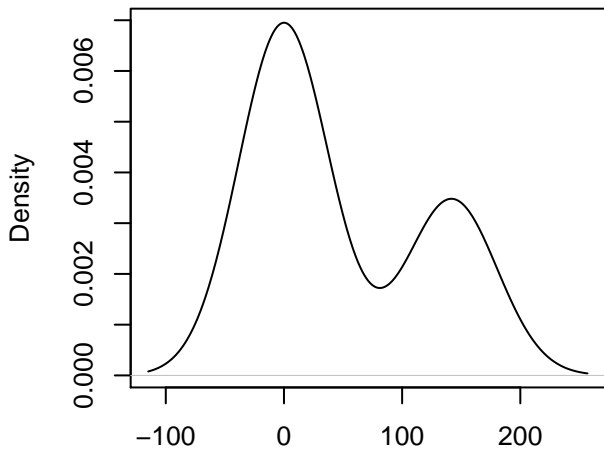
N = 2 Bandwidth = 52.92
breakpoint: 17634417 – 17634485 sf-2 rsch-4

line = MAGIC.446 , Chr = 3



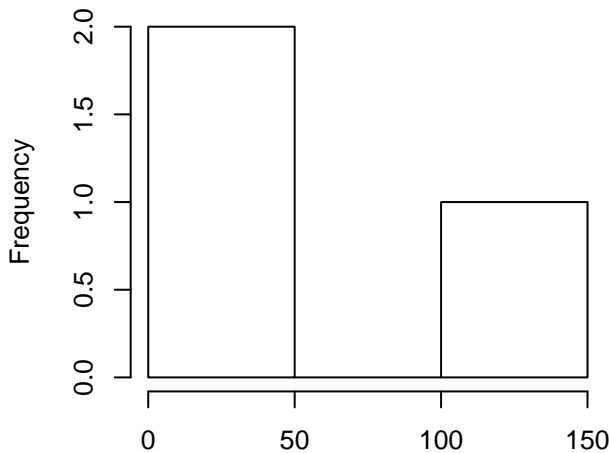
breakpoint: 17634417 – 17634485 sf-2 rsch-4

Bp = 69 line = MAGIC.446 , Chr = 3



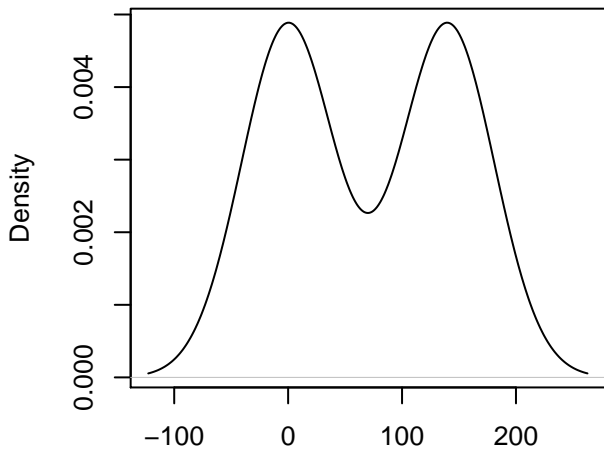
N = 3 Bandwidth = 38.28
breakpoint: 22594702 - 22594708 sf-2 rsch-4

line = MAGIC.446 , Chr = 3



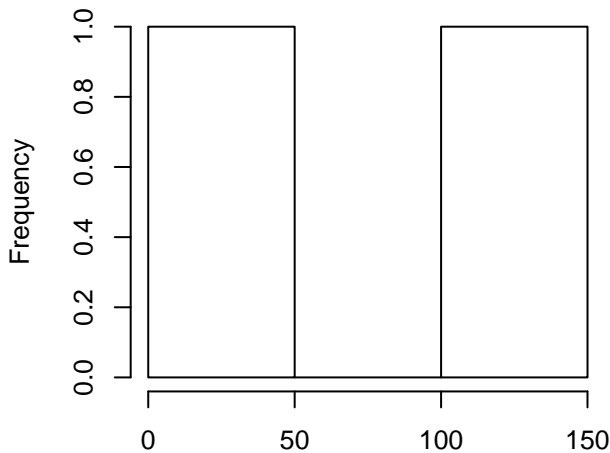
breakpoint: 22594702 - 22594708 sf-2 rsch-4

Bp = 70 line = MAGIC.446 , Chr = 3



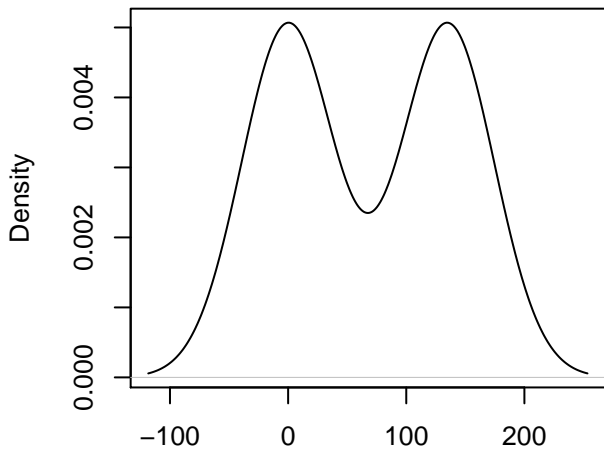
N = 2 Bandwidth = 40.93
breakpoint: 23361259 - 23361263 rsch-4 ler-0

line = MAGIC.446 , Chr = 3



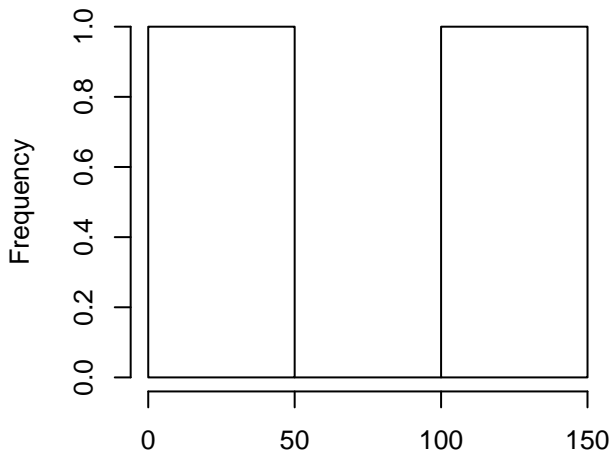
breakpoint: 23361259 - 23361263 rsch-4 ler-0

Bp = 71 line = MAGIC.446 , Chr = 4



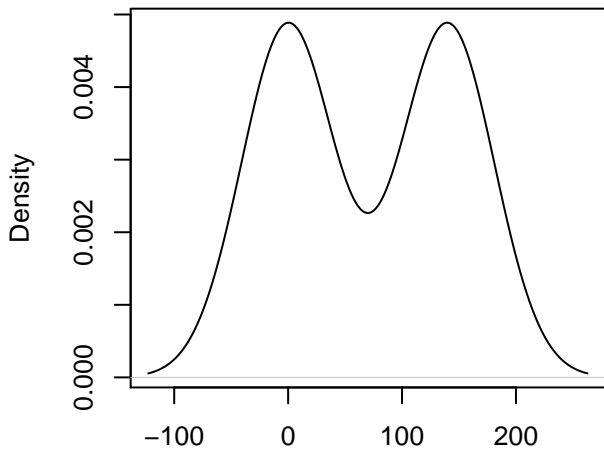
N = 2 Bandwidth = 39.47
breakpoint: 714731 – 714762 po-0 kn-0

line = MAGIC.446 , Chr = 4



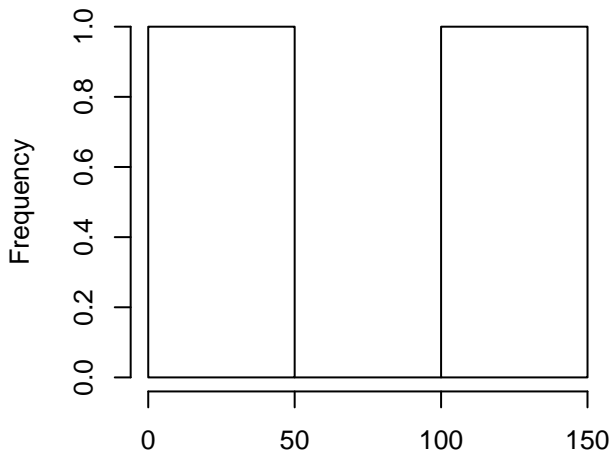
breakpoint: 714731 – 714762 po-0 kn-0

Bp = 73 line = MAGIC.446 , Chr = 4



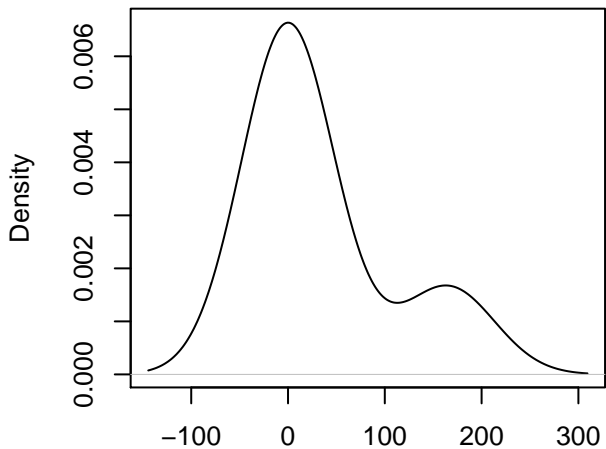
N = 2 Bandwidth = 40.93
breakpoint: 1027588 – 1027593 po-0 bur-0

line = MAGIC.446 , Chr = 4



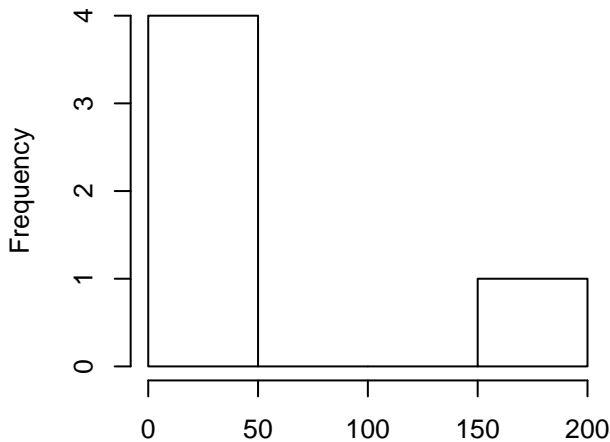
breakpoint: 1027588 – 1027593 po-0 bur-0

Bp = 74 line = MAGIC.446 , Chr = 4



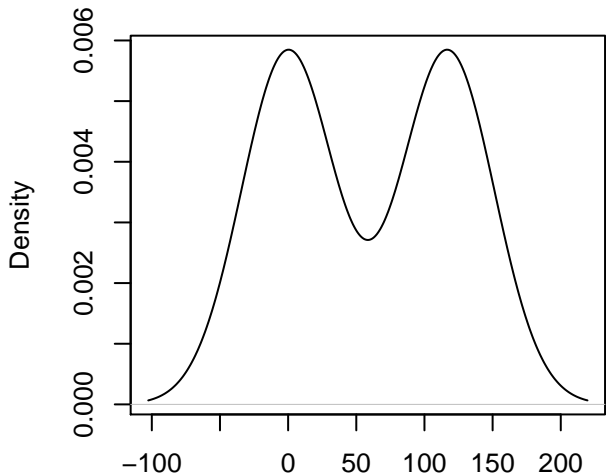
N = 5 Bandwidth = 48.13
breakpoint: 1037571 – 1037613 bur-0 col-0

line = MAGIC.446 , Chr = 4



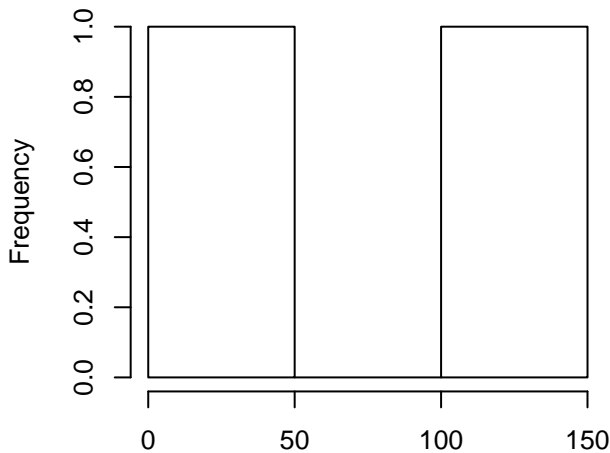
breakpoint: 1037571 – 1037613 bur-0 col-0

Bp = 76 line = MAGIC.446 , Chr = 4



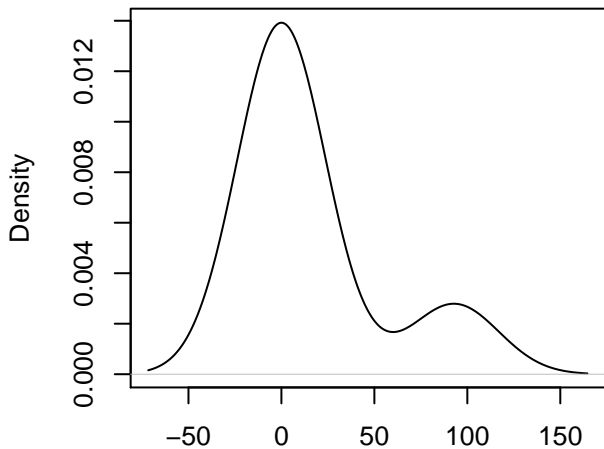
N = 2 Bandwidth = 34.2
breakpoint: 1460031 – 1460046 rsch-4 po-0

line = MAGIC.446 , Chr = 4



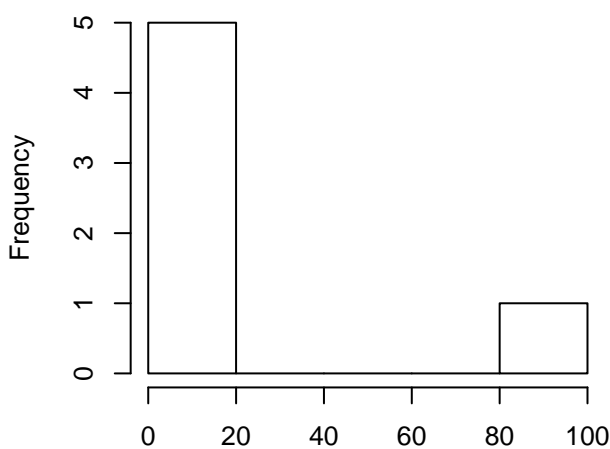
breakpoint: 1460031 – 1460046 rsch-4 po-0

Bp = 77 line = MAGIC.446 , Chr = 4



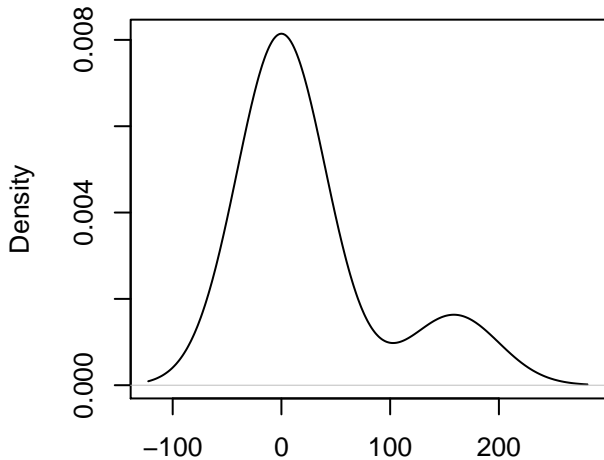
N = 6 Bandwidth = 23.88
breakpoint: 1539806 – 1539812 po-0 rsch-4

line = MAGIC.446 , Chr = 4



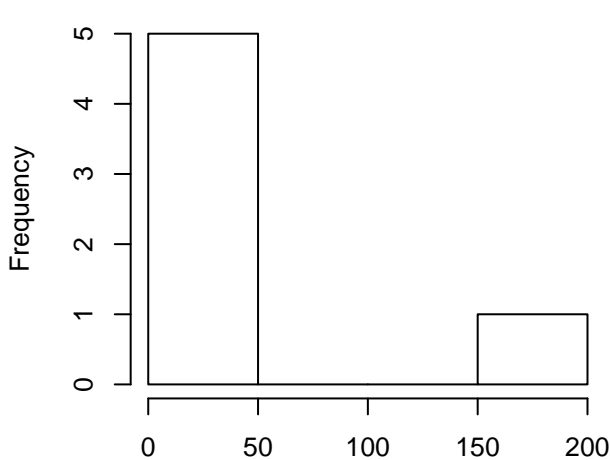
breakpoint: 1539806 – 1539812 po-0 rsch-4

Bp = 78 line = MAGIC.446 , Chr = 4



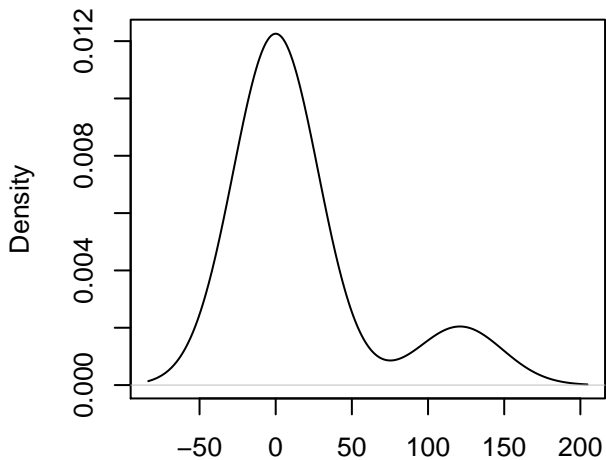
N = 6 Bandwidth = 40.83
breakpoint: 1563789 – 1563790 rsch-4 po-0

line = MAGIC.446 , Chr = 4



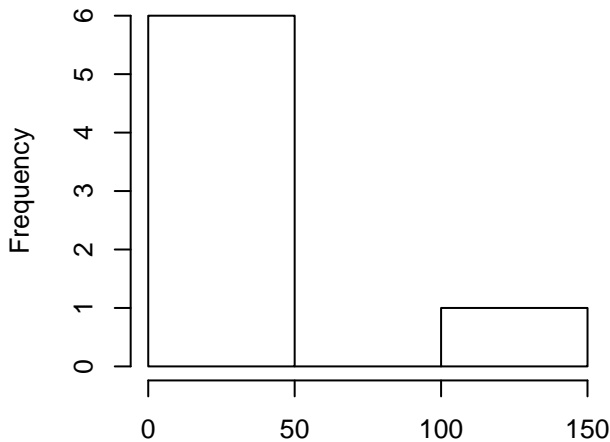
breakpoint: 1563789 – 1563790 rsch-4 po-0

Bp = 79 line = MAGIC.446 , Chr = 4



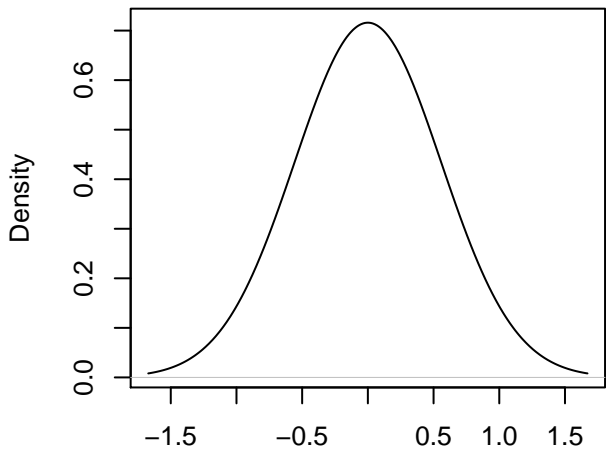
N = 7 Bandwidth = 27.89
breakpoint: 1655292 – 1655362 po-0 wu-0

line = MAGIC.446 , Chr = 4



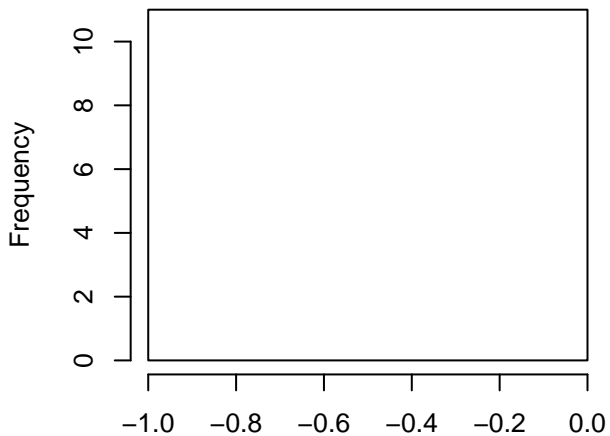
breakpoint: 1655292 – 1655362 po-0 wu-0

Bp = 80 line = MAGIC.446 , Chr = 4



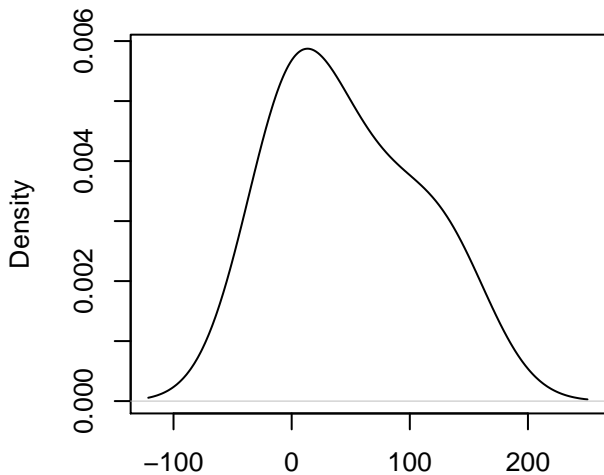
N = 11 Bandwidth = 0.5571
breakpoint: 1909491 – 1909539 wu-0 sf-2

line = MAGIC.446 , Chr = 4



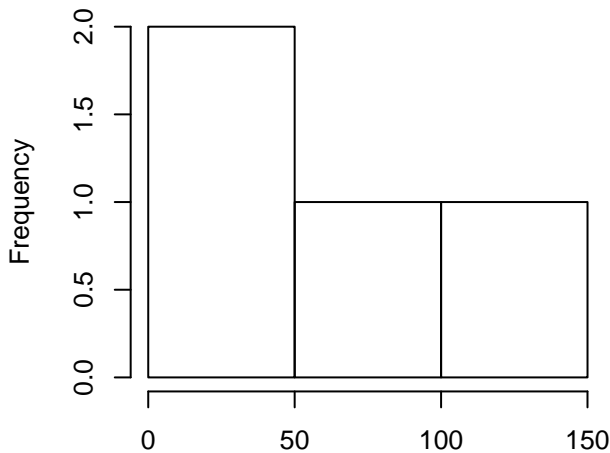
breakpoint: 1909491 – 1909539 wu-0 sf-2

Bp = 82 line = MAGIC.446 , Chr = 4



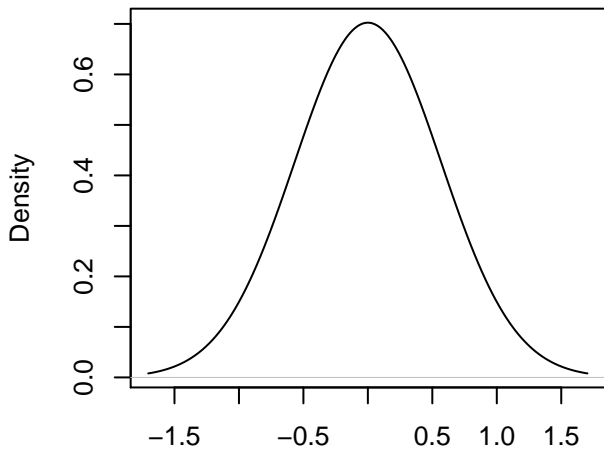
N = 4 Bandwidth = 40.47
breakpoint: 2198157 – 2198303 wu-0 tsu-0

line = MAGIC.446 , Chr = 4



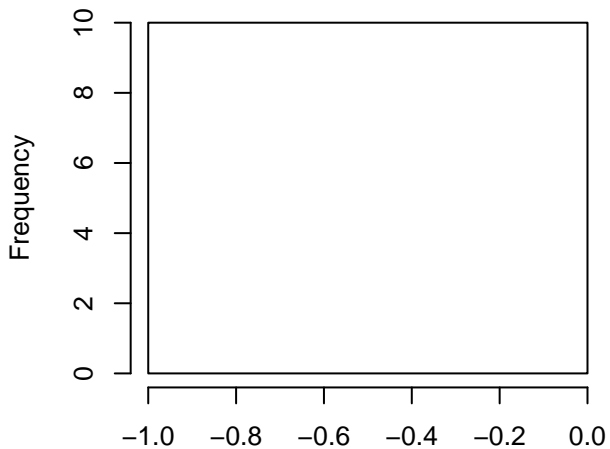
breakpoint: 2198157 – 2198303 wu-0 tsu-0

Bp = 83 line = MAGIC.446 , Chr = 4



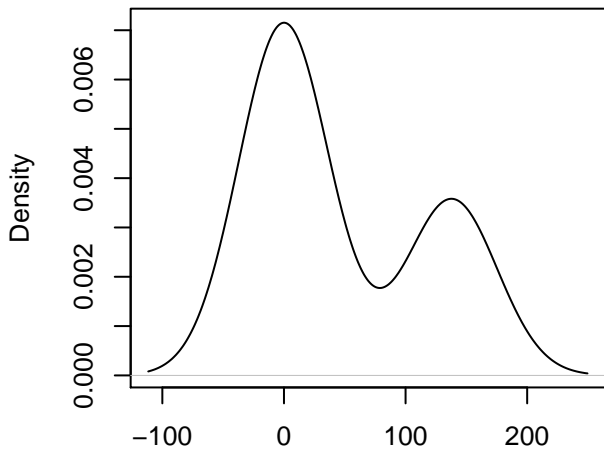
N = 10 Bandwidth = 0.5679
breakpoint: 2379935 – 2380007 tsu-0 edi-0

line = MAGIC.446 , Chr = 4



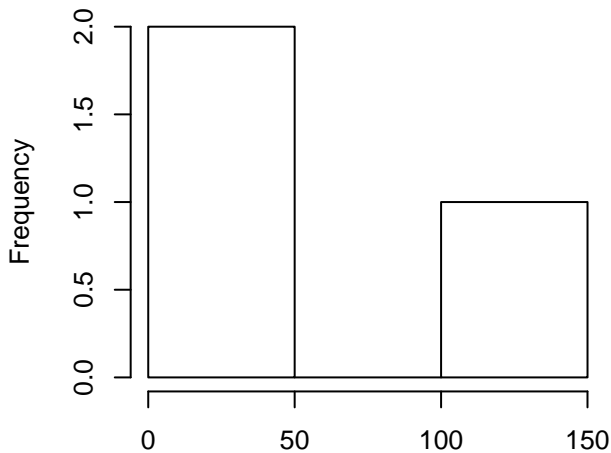
breakpoint: 2379935 – 2380007 tsu-0 edi-0

Bp = 85 line = MAGIC.446 , Chr = 4



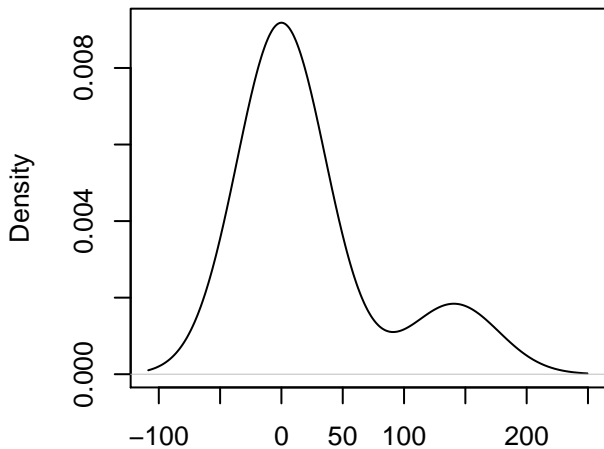
N = 3 Bandwidth = 37.2
breakpoint: 2489550 – 2489583 wu-0 po-0

line = MAGIC.446 , Chr = 4



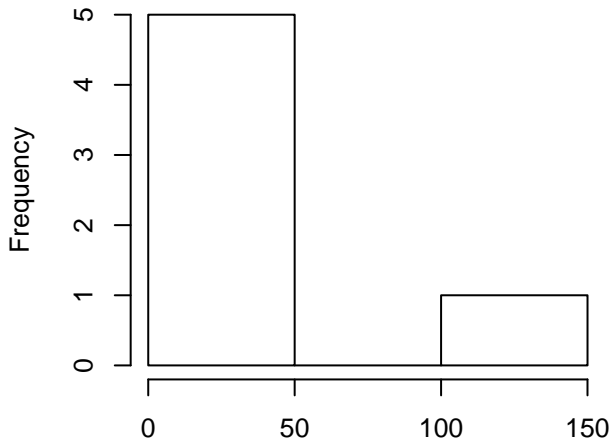
breakpoint: 2489550 – 2489583 wu-0 po-0

Bp = 87 line = MAGIC.446 , Chr = 4



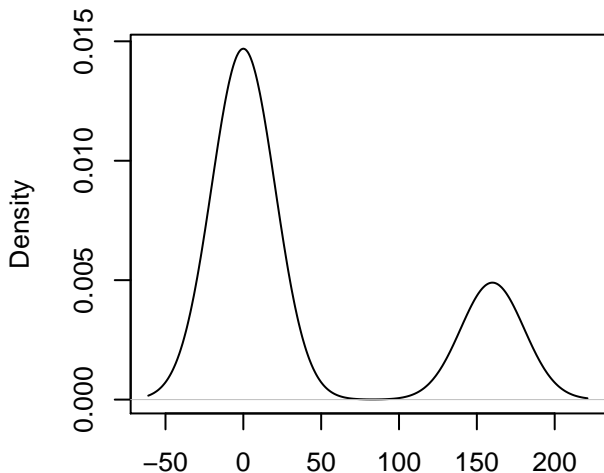
N = 6 Bandwidth = 36.2
breakpoint: 2782570 – 2782662 zu-0 wu-0

line = MAGIC.446 , Chr = 4



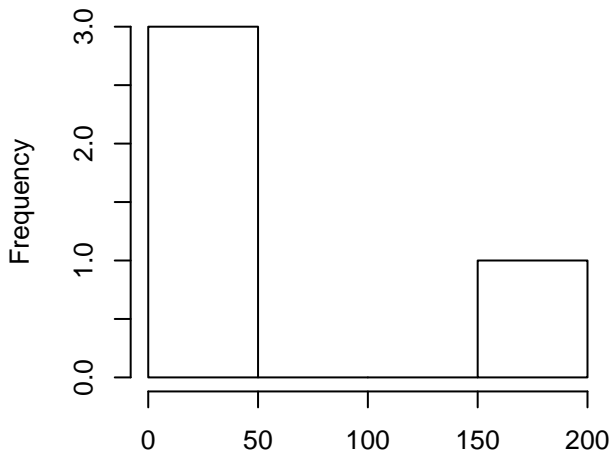
breakpoint: 2782570 – 2782662 zu-0 wu-0

Bp = 88 line = MAGIC.446 , Chr = 4



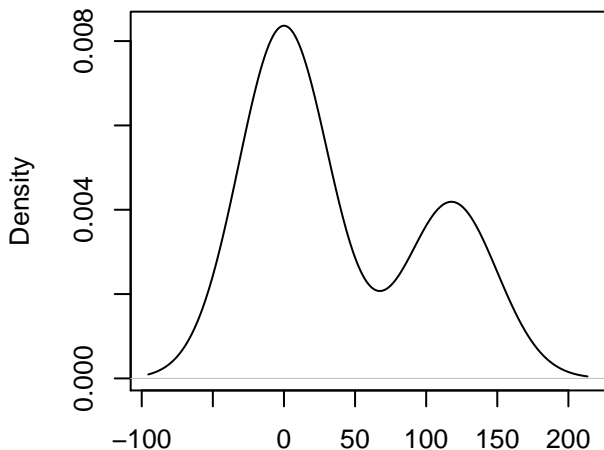
N = 4 Bandwidth = 20.36
breakpoint: 4110294 – 4110357 wu-0 oy-0

line = MAGIC.446 , Chr = 4



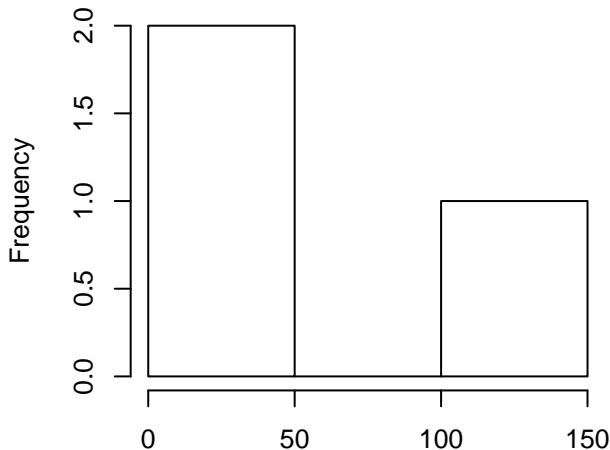
breakpoint: 4110294 – 4110357 wu-0 oy-0

Bp = 89 line = MAGIC.446 , Chr = 4



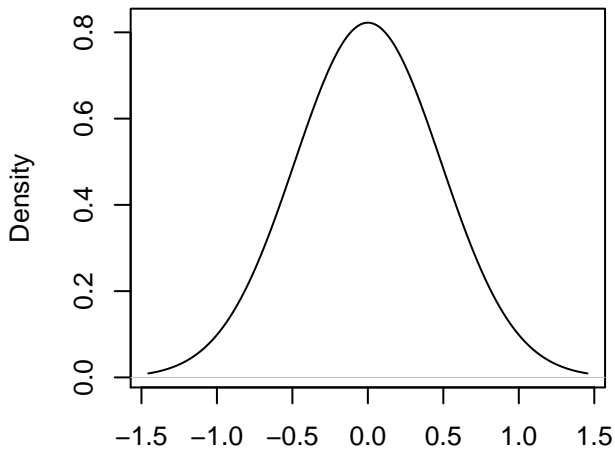
N = 3 Bandwidth = 31.81
breakpoint: 4127968 – 4127977 oy-0 wu-0

line = MAGIC.446 , Chr = 4



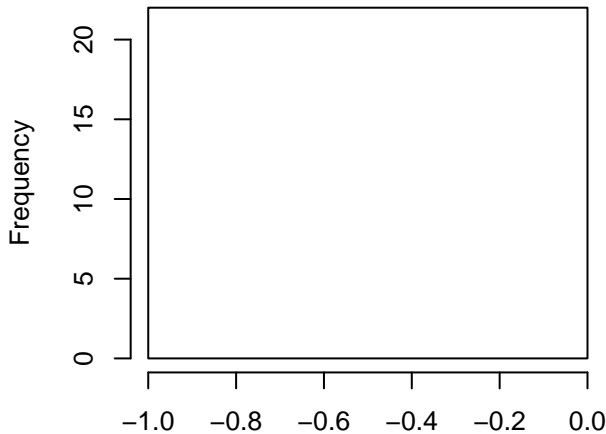
breakpoint: 4127968 – 4127977 oy-0 wu-0

Bp = 90 line = MAGIC.446 , Chr = 4



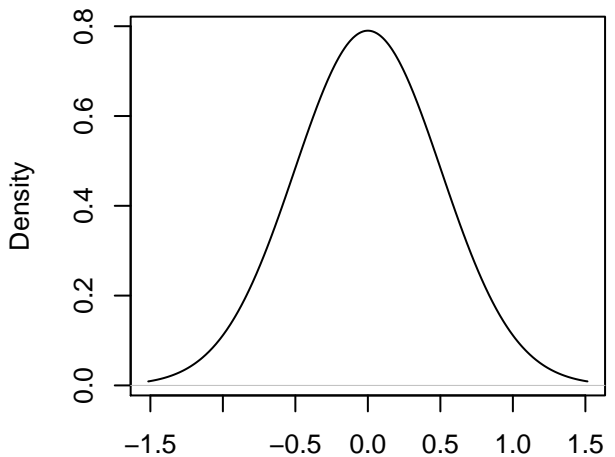
N = 22 Bandwidth = 0.485
breakpoint: 4459686 – 4459695 wu-0 kn-0

line = MAGIC.446 , Chr = 4



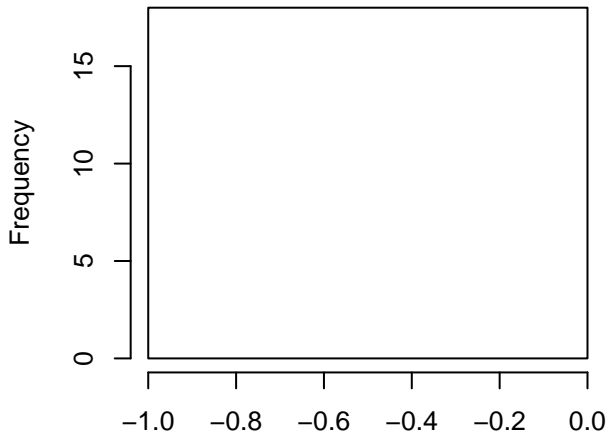
breakpoint: 4459686 – 4459695 wu-0 kn-0

Bp = 93 line = MAGIC.446 , Chr = 4



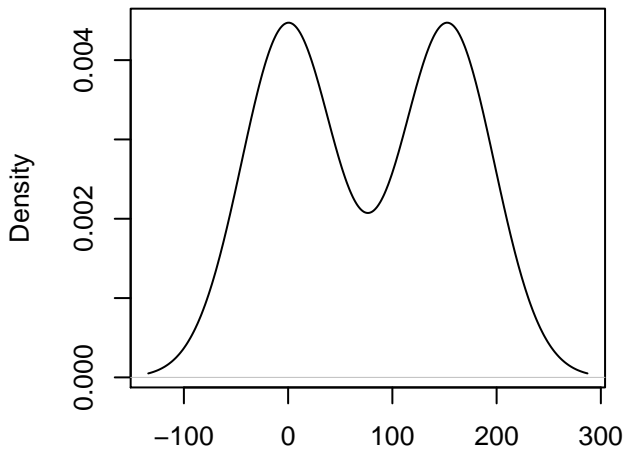
N = 18 Bandwidth = 0.5049
breakpoint: 4636543 – 4636549 can-0 rsch-4

line = MAGIC.446 , Chr = 4



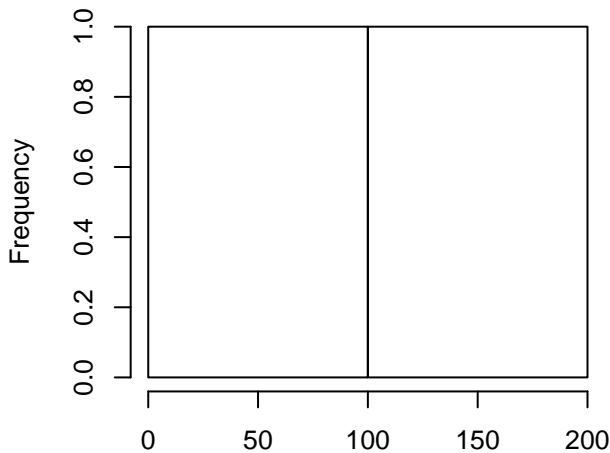
breakpoint: 4636543 – 4636549 can-0 rsch-4

Bp = 94 line = MAGIC.446 , Chr = 4



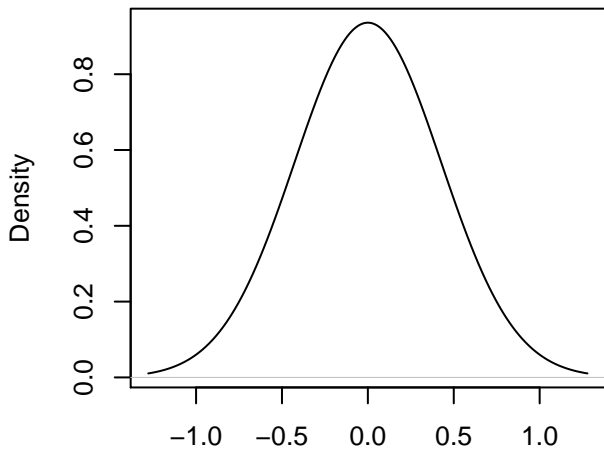
N = 2 Bandwidth = 44.73
breakpoint: 4705706 – 4705716 rsch-4 ler-0

line = MAGIC.446 , Chr = 4



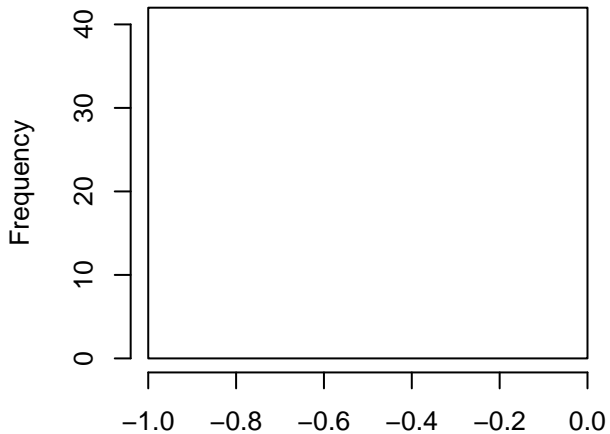
breakpoint: 4705706 – 4705716 rsch-4 ler-0

Bp = 95 line = MAGIC.446 , Chr = 4



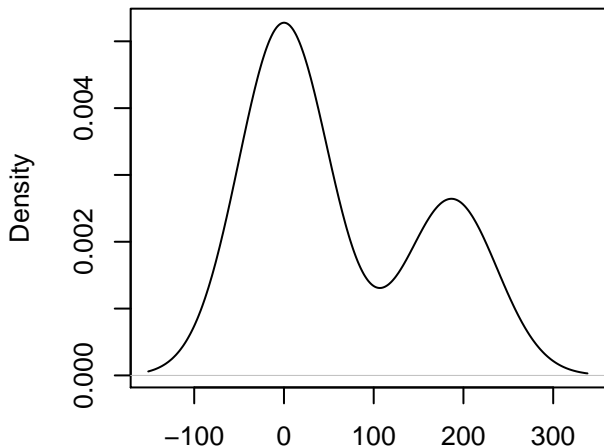
N = 42 Bandwidth = 0.4262
breakpoint: 4739480 – 4739497 ler-0 bur-0

line = MAGIC.446 , Chr = 4



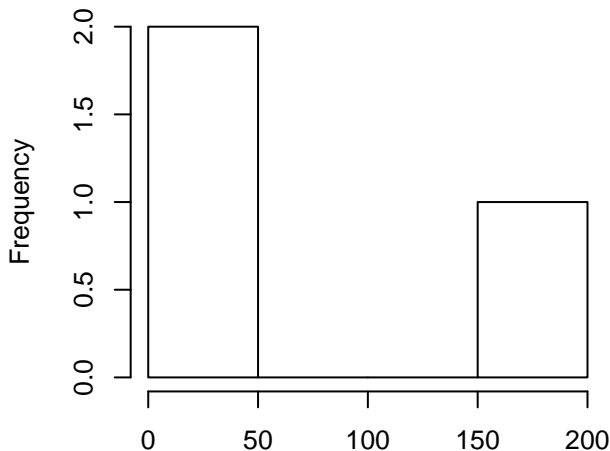
breakpoint: 4739480 – 4739497 ler-0 bur-0

Bp = 96 line = MAGIC.446 , Chr = 4



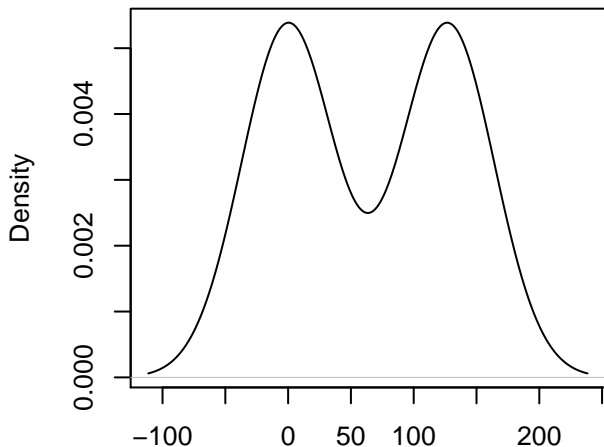
N = 3 Bandwidth = 50.41
breakpoint: 4773667 – 4773698 bur-0 po-0

line = MAGIC.446 , Chr = 4



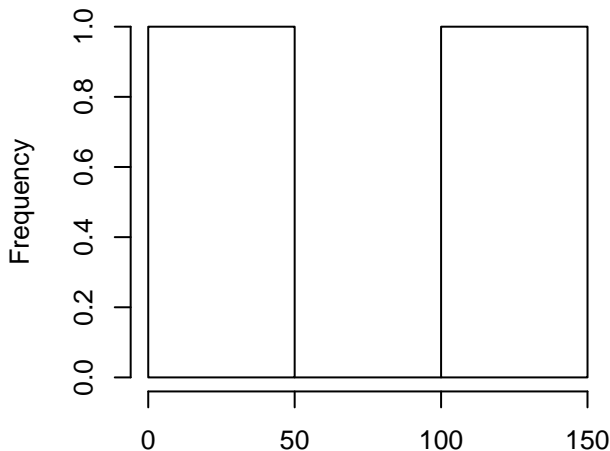
breakpoint: 4773667 – 4773698 bur-0 po-0

Bp = 99 line = MAGIC.446 , Chr = 4



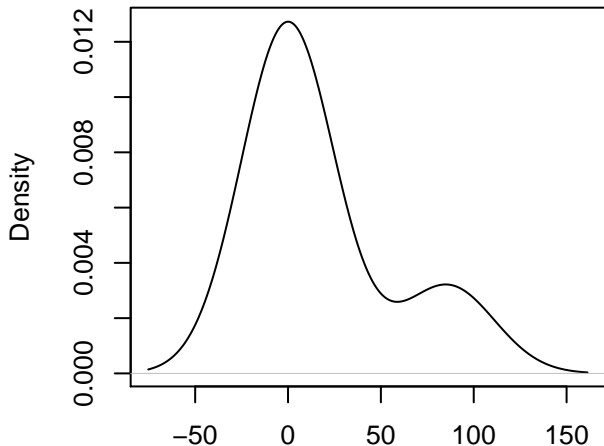
N = 2 Bandwidth = 37.13
breakpoint: 6288484 – 6288503 po-0 ler-0

line = MAGIC.446 , Chr = 4



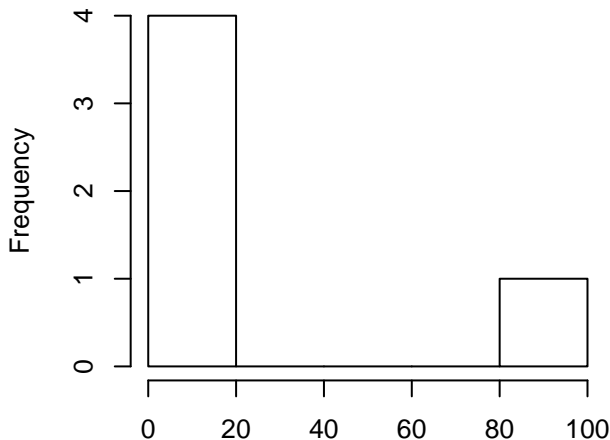
breakpoint: 6288484 – 6288503 po-0 ler-0

Bp = 100 line = MAGIC.446 , Chr = 4



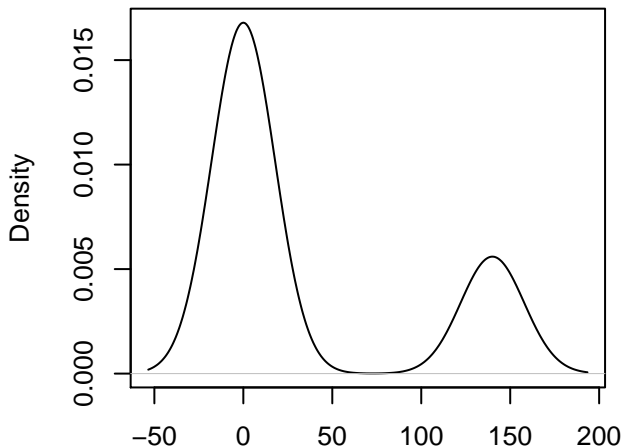
N = 5 Bandwidth = 25.09
breakpoint: 11021976 – 11021981 ler-0 mt-0

line = MAGIC.446 , Chr = 4



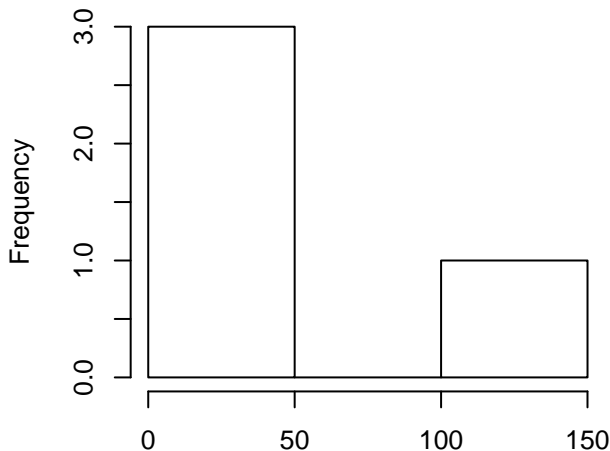
breakpoint: 11021976 – 11021981 ler-0 mt-0

Bp = 101 line = MAGIC.446 , Chr = 4



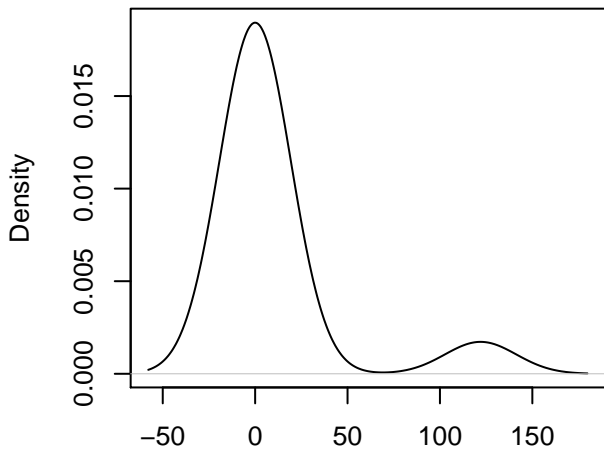
N = 4 Bandwidth = 17.82
breakpoint: 11148548 – 11148573 mt-0 ler-0

line = MAGIC.446 , Chr = 4



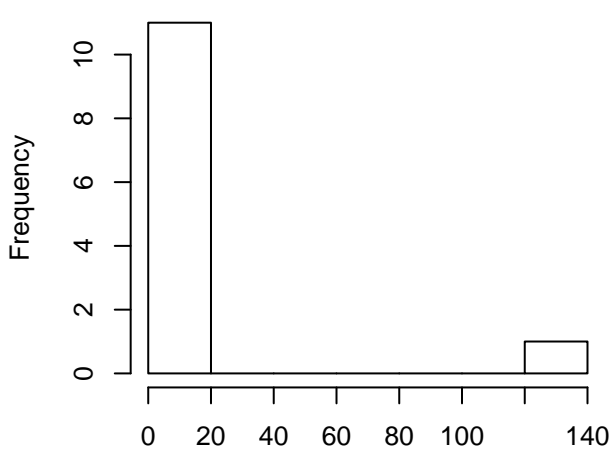
breakpoint: 11148548 – 11148573 mt-0 ler-0

Bp = 102 line = MAGIC.446 , Chr = 4



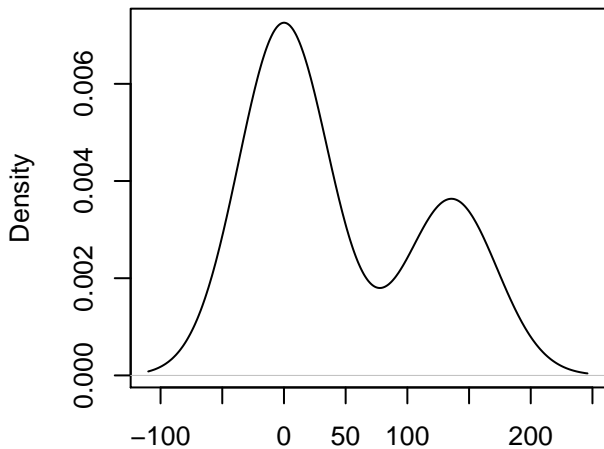
N = 12 Bandwidth = 19.28
breakpoint: 11756467 – 11756479 ler-0 wil-2

line = MAGIC.446 , Chr = 4



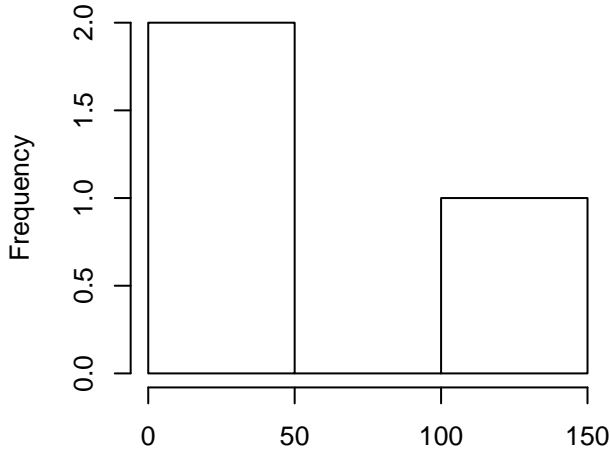
breakpoint: 11756467 – 11756479 ler-0 wil-2

Bp = 103 line = MAGIC.446 , Chr = 5



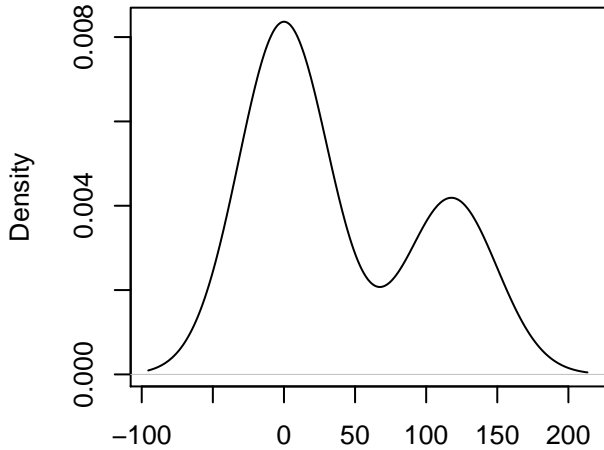
N = 3 Bandwidth = 36.66
breakpoint: 2190517 – 2190787 ler-0 hi-0

line = MAGIC.446 , Chr = 5



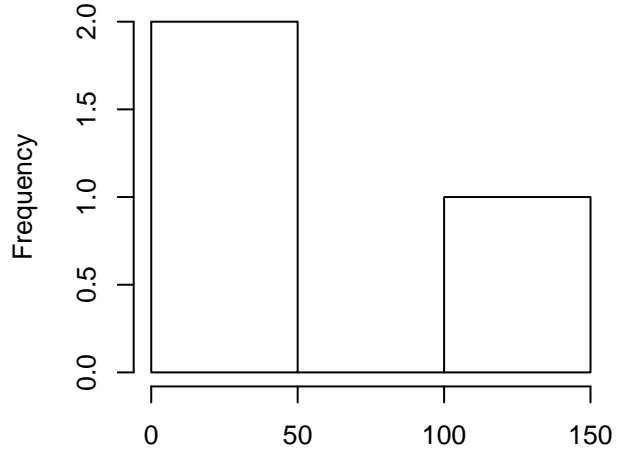
breakpoint: 2190517 – 2190787 ler-0 hi-0

Bp = 104 line = MAGIC.446 , Chr = 5



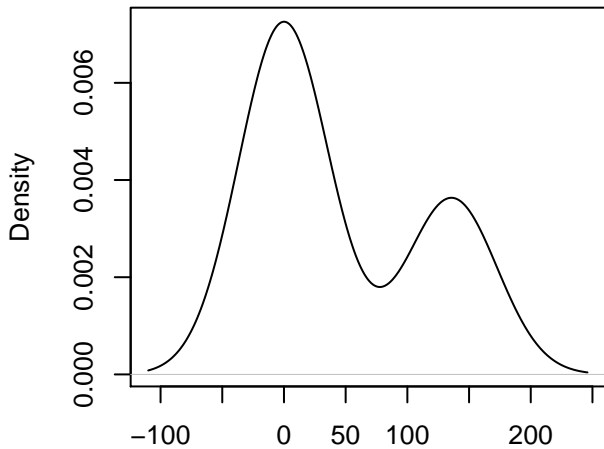
N = 3 Bandwidth = 31.81
breakpoint: 5665838 – 5665839 hi=0 mt=0

line = MAGIC.446 , Chr = 5



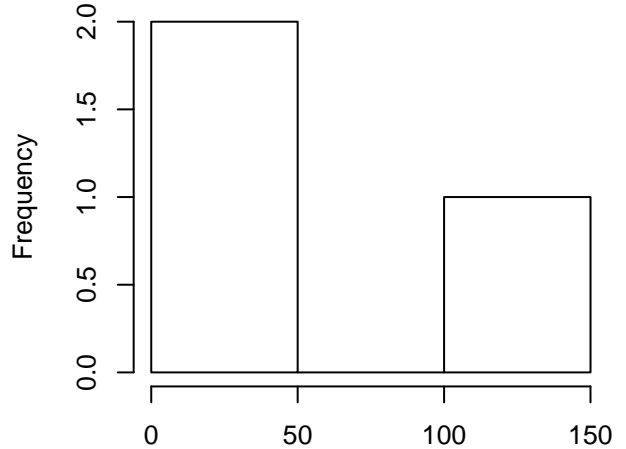
breakpoint: 5665838 – 5665839 hi=0 mt=0

Bp = 105 line = MAGIC.446 , Chr = 5



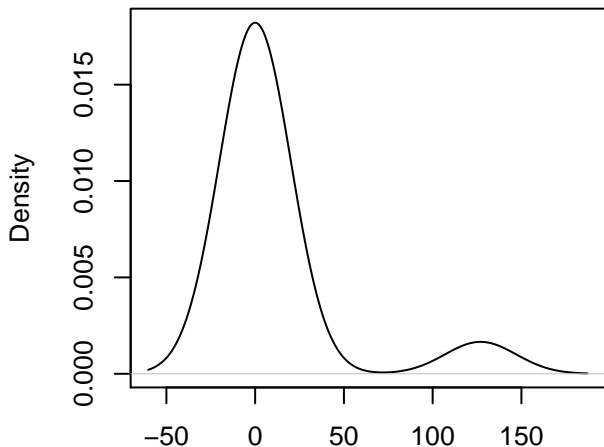
N = 3 Bandwidth = 36.66
breakpoint: 5666136 – 5666164 mt=0 hi=0

line = MAGIC.446 , Chr = 5



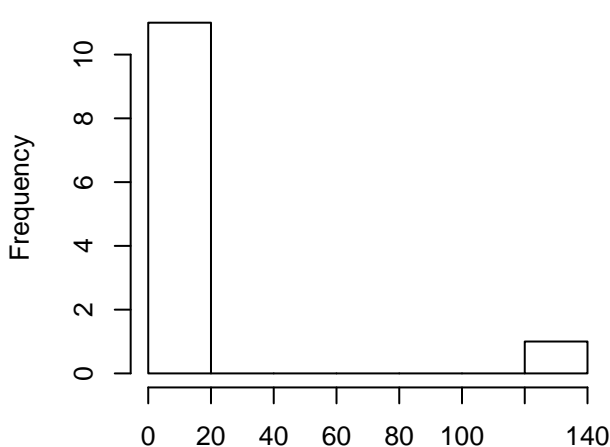
breakpoint: 5666136 – 5666164 mt=0 hi=0

Bp = 106 line = MAGIC.446 , Chr = 5



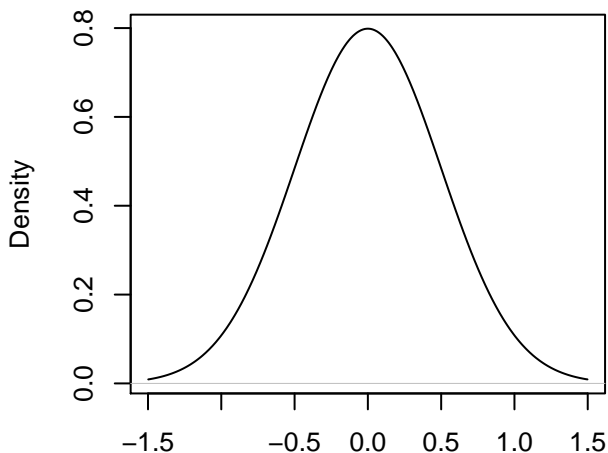
N = 12 Bandwidth = 20.07
breakpoint: 10812871 – 10812936 hi-0 rsch-4

line = MAGIC.446 , Chr = 5



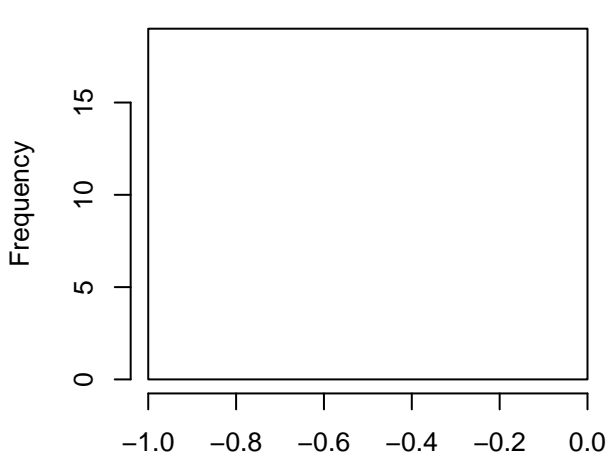
breakpoint: 10812871 – 10812936 hi-0 rsch-4

Bp = 108 line = MAGIC.446 , Chr = 5



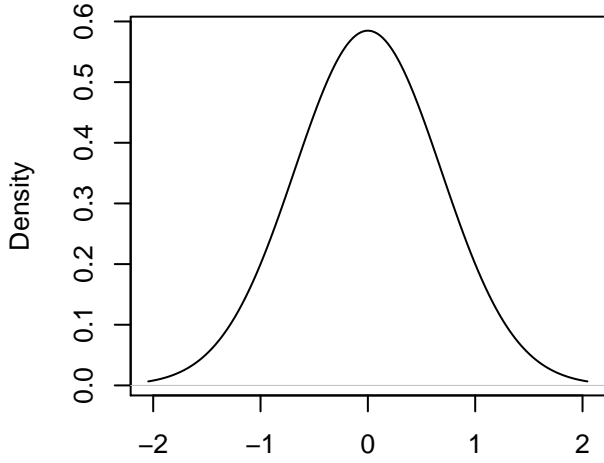
N = 19 Bandwidth = 0.4994
breakpoint: 11044854 – 11044857 hi-0 zu-0

line = MAGIC.446 , Chr = 5



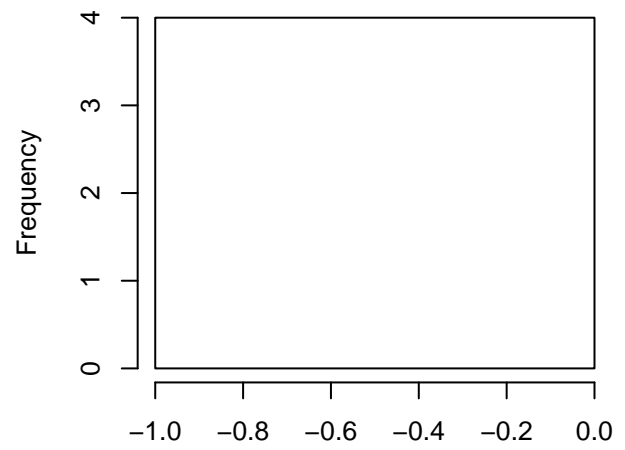
breakpoint: 11044854 – 11044857 hi-0 zu-0

Bp = 109 line = MAGIC.446 , Chr = 5



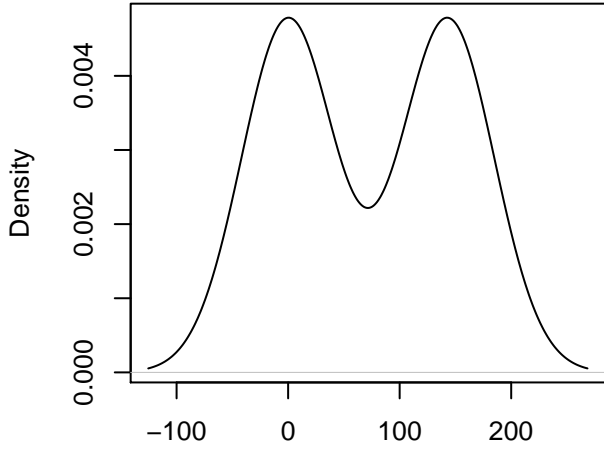
N = 4 Bandwidth = 0.6821
breakpoint: 11095464 – 11095482 zu-0 hi-0

line = MAGIC.446 , Chr = 5



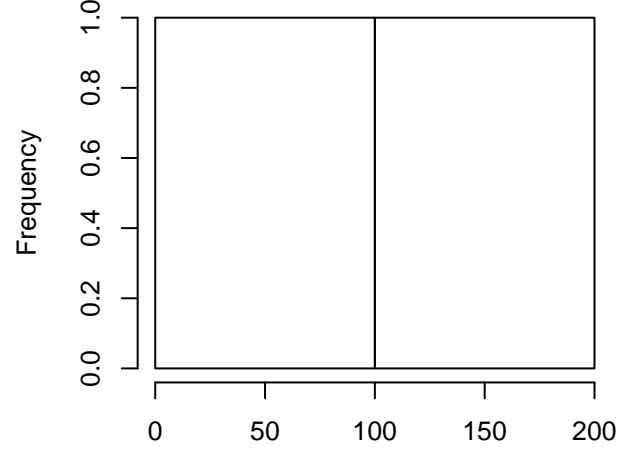
breakpoint: 11095464 – 11095482 zu-0 hi-0

Bp = 110 line = MAGIC.446 , Chr = 5



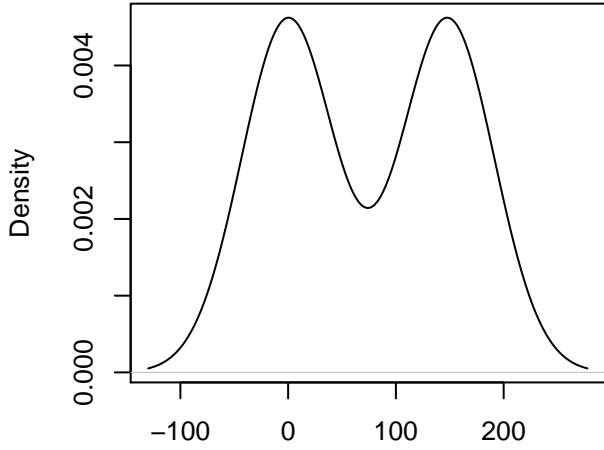
N = 2 Bandwidth = 41.81
breakpoint: 13791303 – 13791323 hi-0 tsu-0

line = MAGIC.446 , Chr = 5



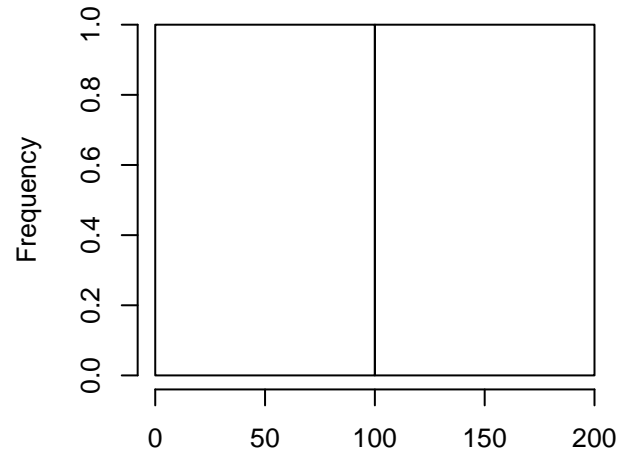
breakpoint: 13791303 – 13791323 hi-0 tsu-0

Bp = 111 line = MAGIC.446 , Chr = 5



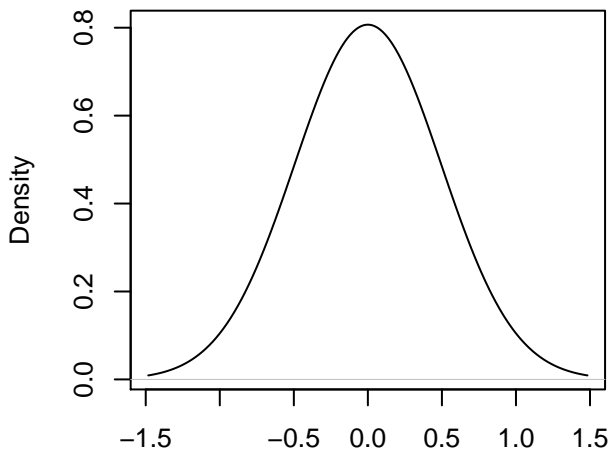
N = 2 Bandwidth = 43.27
breakpoint: 14094310 – 14094362 tsu-0 zu-0

line = MAGIC.446 , Chr = 5



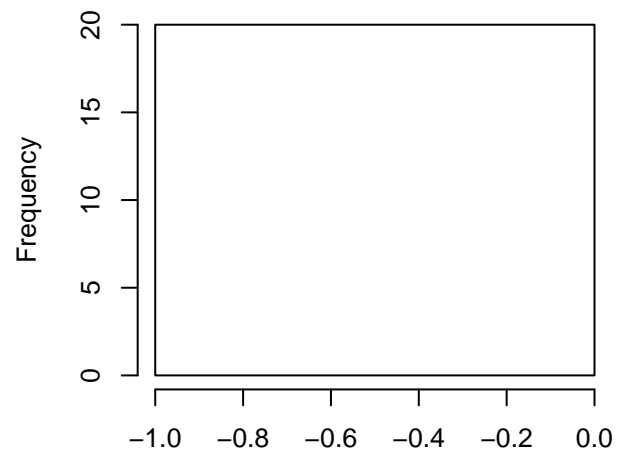
breakpoint: 14094310 – 14094362 tsu-0 zu-0

Bp = 113 line = MAGIC.446 , Chr = 5



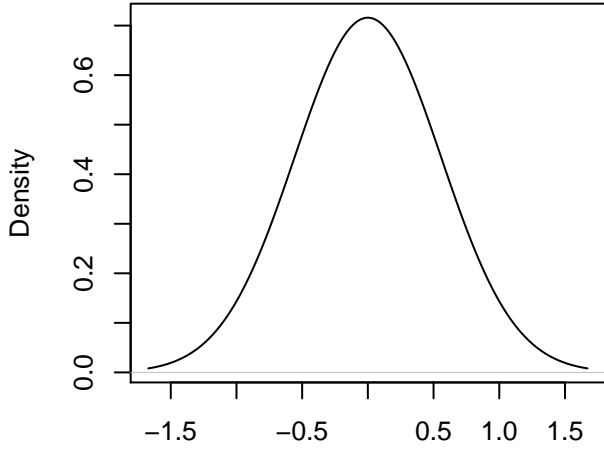
N = 20 Bandwidth = 0.4944
breakpoint: 14486019 – 14486033 hi-0 wu-0

line = MAGIC.446 , Chr = 5



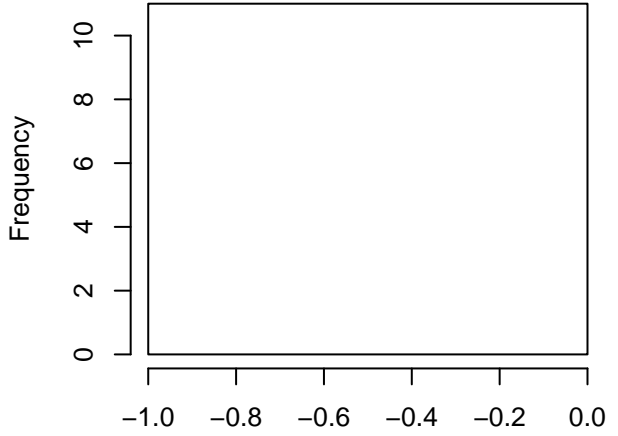
breakpoint: 14486019 – 14486033 hi-0 wu-0

Bp = 114 line = MAGIC.446 , Chr = 5



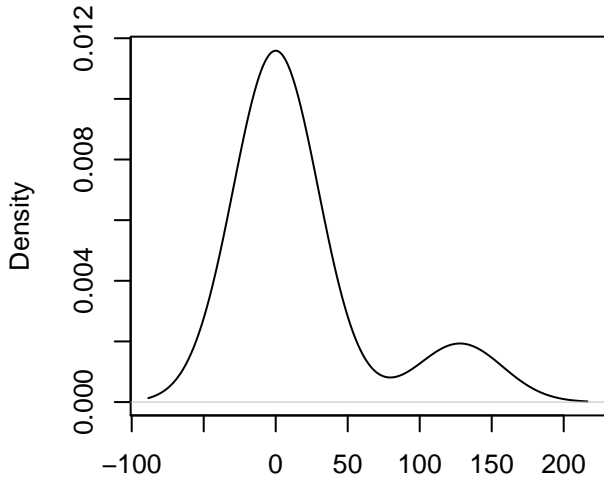
N = 11 Bandwidth = 0.5571
breakpoint: 14909704 – 14909768 wu-0 hi-0

line = MAGIC.446 , Chr = 5



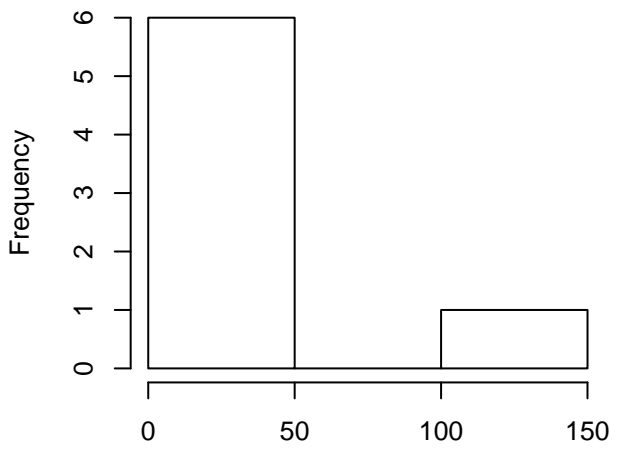
breakpoint: 14909704 – 14909768 wu-0 hi-0

Bp = 115 line = MAGIC.446 , Chr = 5



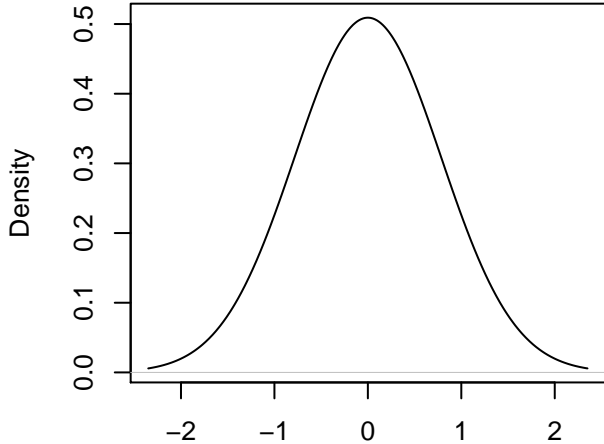
N = 7 Bandwidth = 29.5
breakpoint: 15107666 – 15107672 hi-0 ws-0

line = MAGIC.446 , Chr = 5



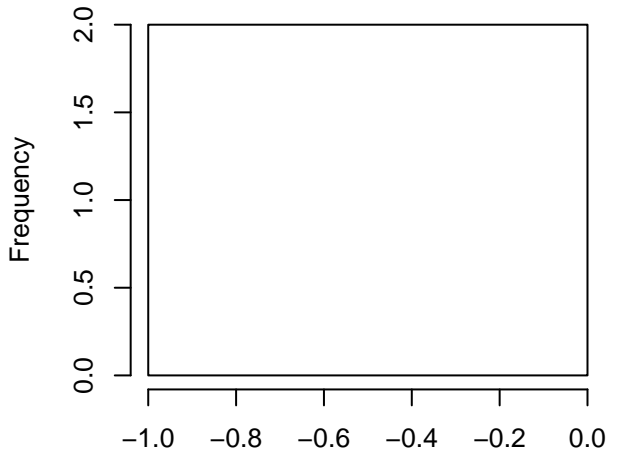
breakpoint: 15107666 – 15107672 hi-0 ws-0

Bp = 116 line = MAGIC.446 , Chr = 5



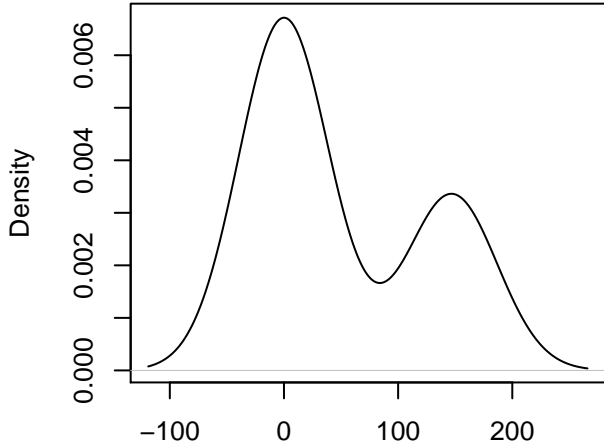
N = 2 Bandwidth = 0.7835
breakpoint: 15163619 – 15163631 ws-0 mt-0

line = MAGIC.446 , Chr = 5



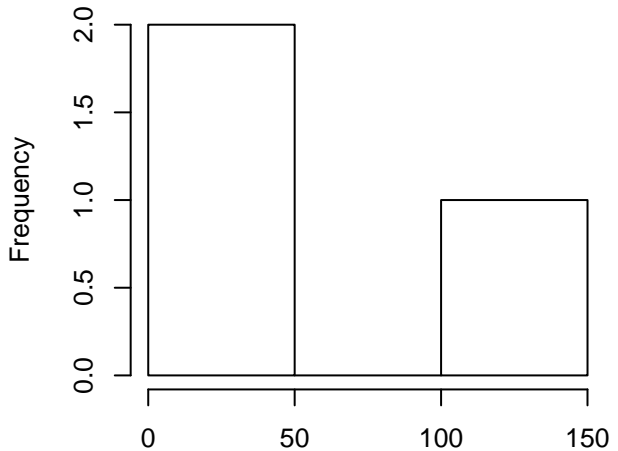
breakpoint: 15163619 – 15163631 ws-0 mt-0

Bp = 118 line = MAGIC.446 , Chr = 5



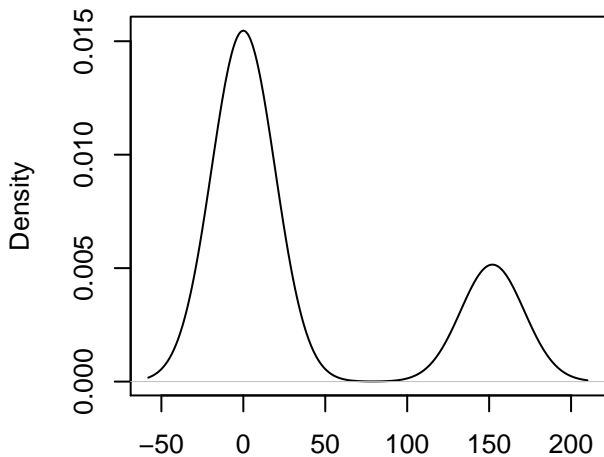
N = 3 Bandwidth = 39.63
breakpoint: 17178669 – 17178681 hi-0 po-0

line = MAGIC.446 , Chr = 5



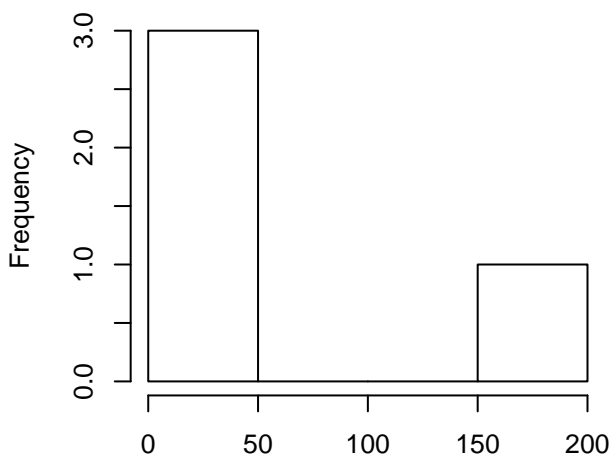
breakpoint: 17178669 – 17178681 hi-0 po-0

Bp = 119 line = MAGIC.446 , Chr = 5



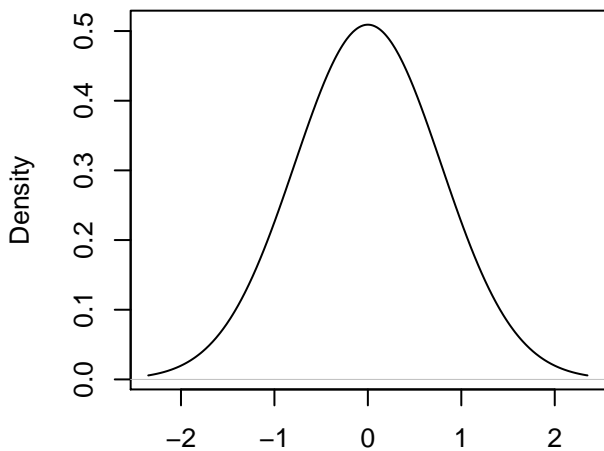
N = 4 Bandwidth = 19.34
breakpoint: 17392298 – 17392373 po-0 bur-0

line = MAGIC.446 , Chr = 5



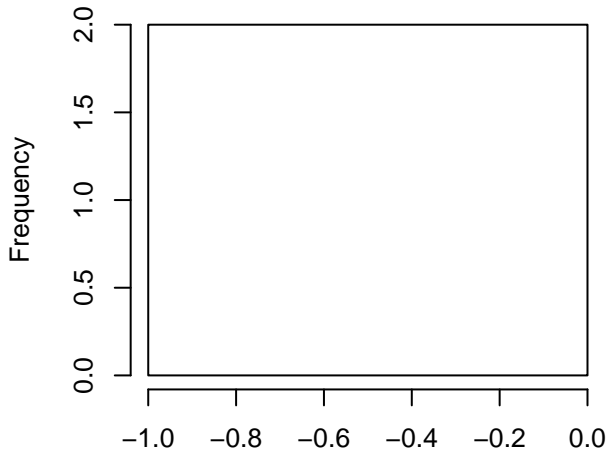
breakpoint: 17392298 – 17392373 po-0 bur-0

Bp = 121 line = MAGIC.446 , Chr = 5



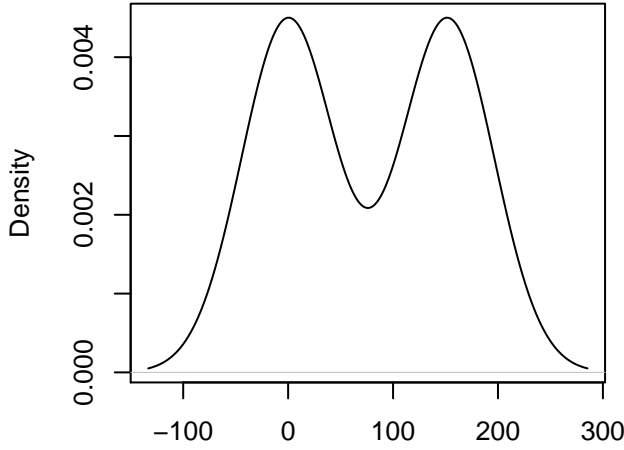
N = 2 Bandwidth = 0.7835
breakpoint: 17482311 – 17484850 po-0 ct-1

line = MAGIC.446 , Chr = 5



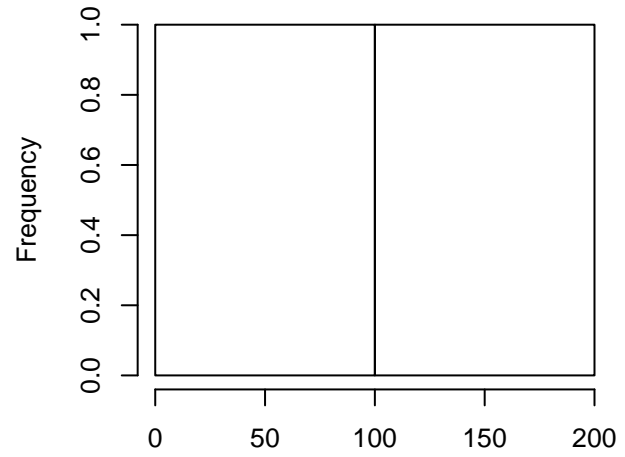
breakpoint: 17482311 – 17484850 po-0 ct-1

Bp = 122 line = MAGIC.446 , Chr = 5



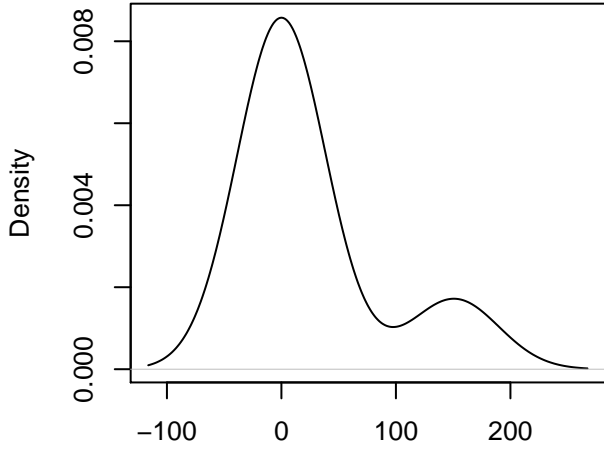
N = 2 Bandwidth = 44.44
breakpoint: 17500211 – 17500213 ct-1 po-0

line = MAGIC.446 , Chr = 5



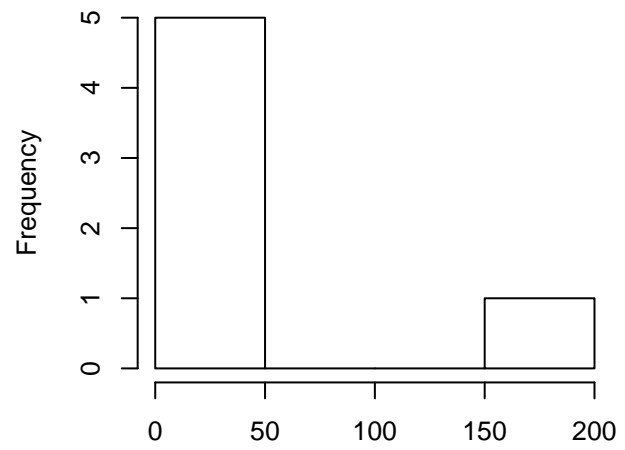
breakpoint: 17500211 – 17500213 ct-1 po-0

Bp = 123 line = MAGIC.446 , Chr = 5



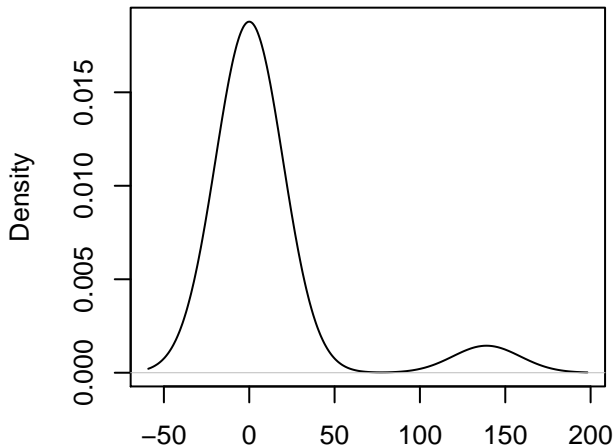
N = 6 Bandwidth = 38.77
breakpoint: 17541252 – 17541268 po-0 zu-0

line = MAGIC.446 , Chr = 5



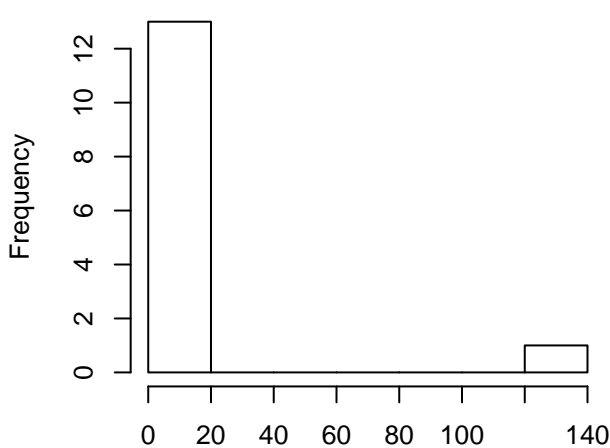
breakpoint: 17541252 – 17541268 po-0 zu-0

Bp = 124 line = MAGIC.446 , Chr = 5



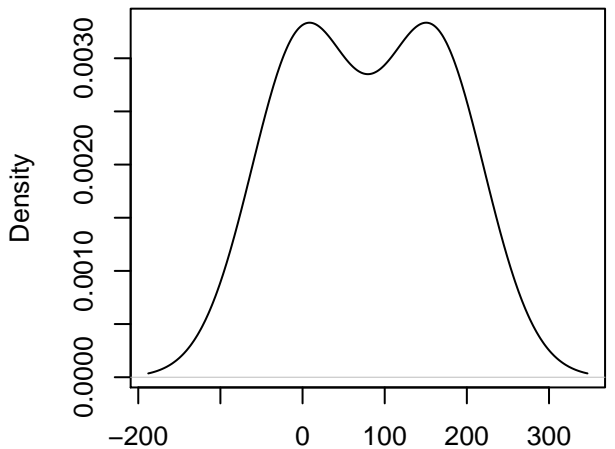
N = 14 Bandwidth = 19.72
breakpoint: 17561905 – 17561910 zu-0 ler-0

line = MAGIC.446 , Chr = 5



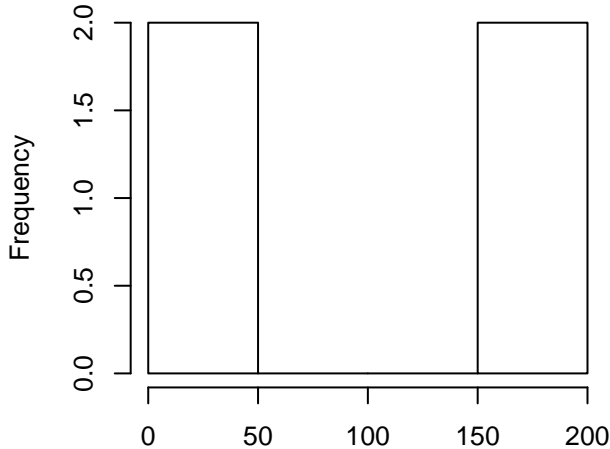
breakpoint: 17561905 – 17561910 zu-0 ler-0

Bp = 125 line = MAGIC.446 , Chr = 5



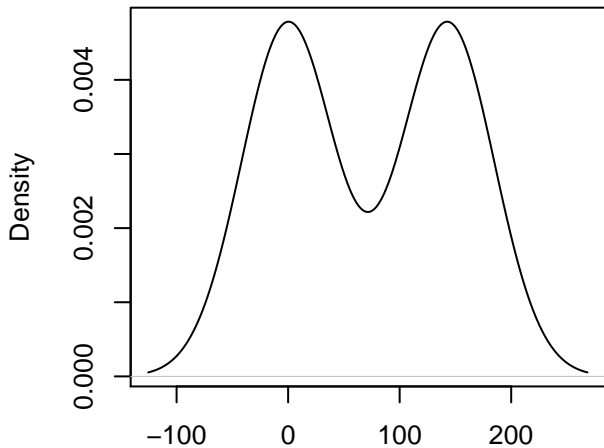
N = 4 Bandwidth = 62.61
breakpoint: 17575013 – 17575020 ler-0 po-0

line = MAGIC.446 , Chr = 5



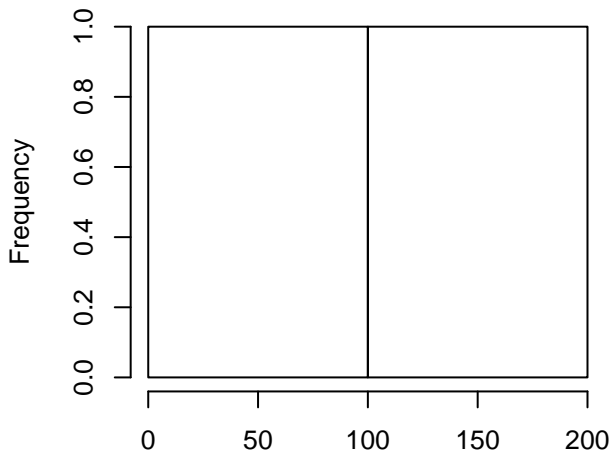
breakpoint: 17575013 – 17575020 ler-0 po-0

Bp = 127 line = MAGIC.446 , Chr = 5



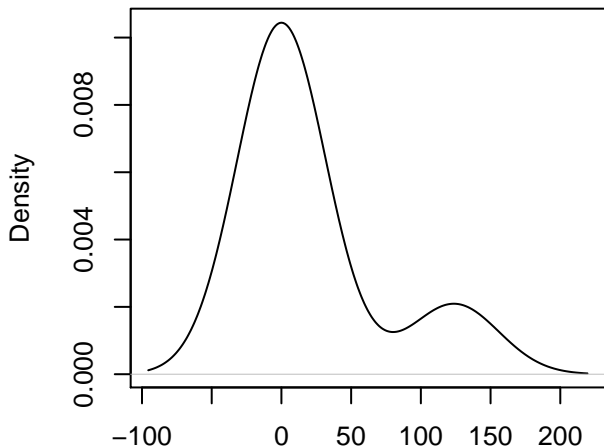
N = 2 Bandwidth = 41.81
breakpoint: 17634578 – 17634596 tsu-0 ct-1

line = MAGIC.446 , Chr = 5



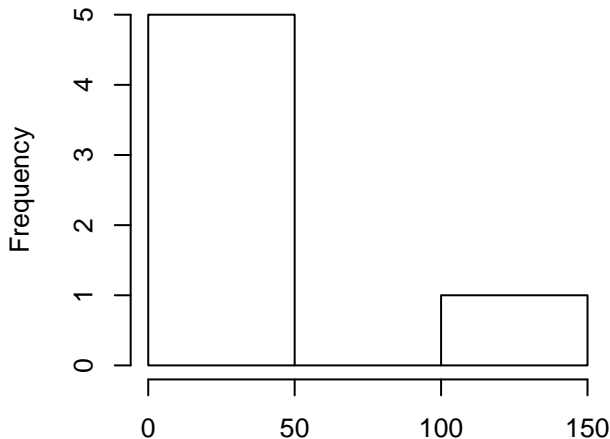
breakpoint: 17634578 – 17634596 tsu-0 ct-1

Bp = 128 line = MAGIC.446 , Chr = 5



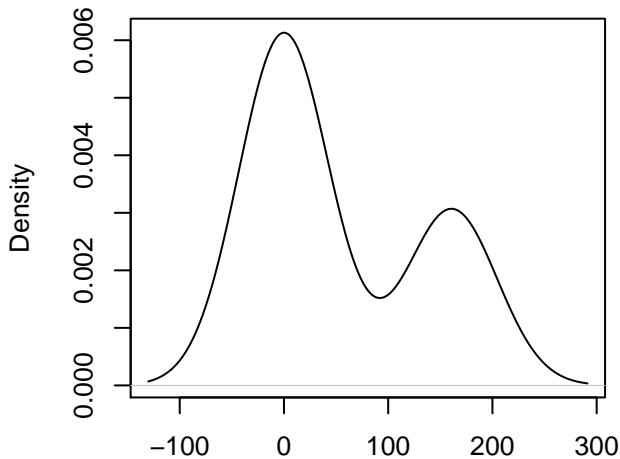
N = 6 Bandwidth = 31.84
breakpoint: 17758818 – 17758821 ct-1 po-0

line = MAGIC.446 , Chr = 5



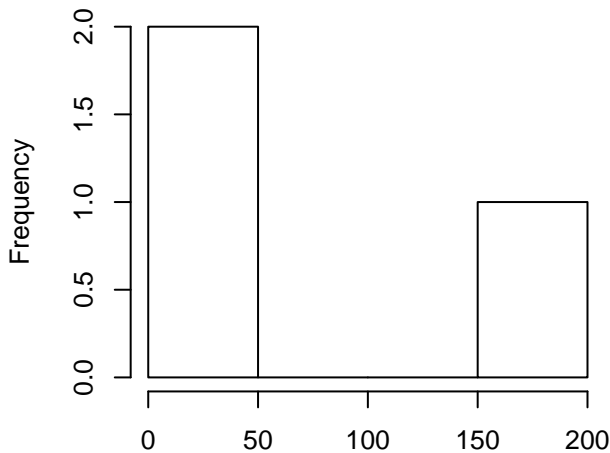
breakpoint: 17758818 – 17758821 ct-1 po-0

Bp = 129 line = MAGIC.446 , Chr = 5



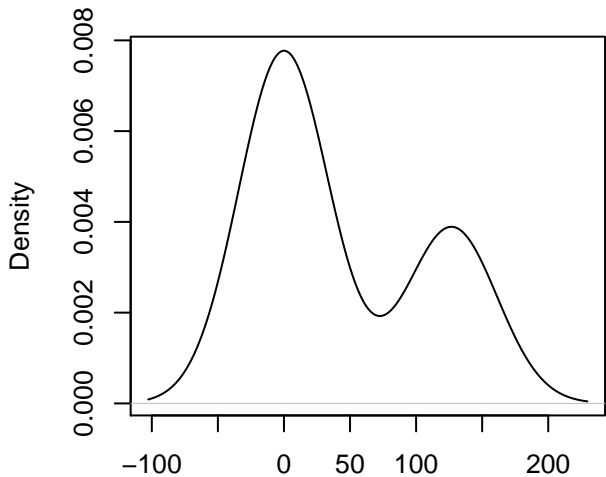
N = 3 Bandwidth = 43.4
breakpoint: 17928167 – 17928168 po-0 tsu-0

line = MAGIC.446 , Chr = 5



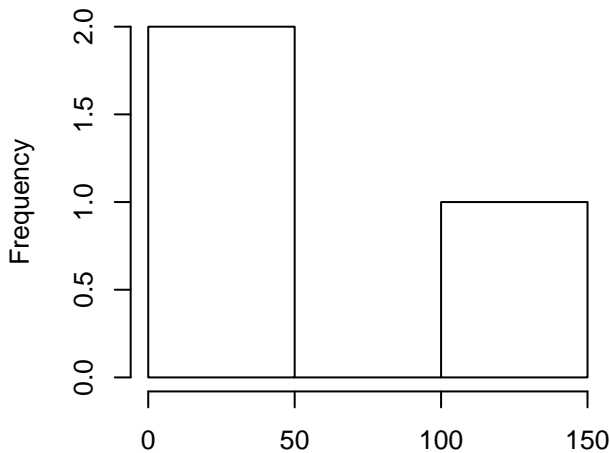
breakpoint: 17928167 – 17928168 po-0 tsu-0

Bp = 130 line = MAGIC.446 , Chr = 5



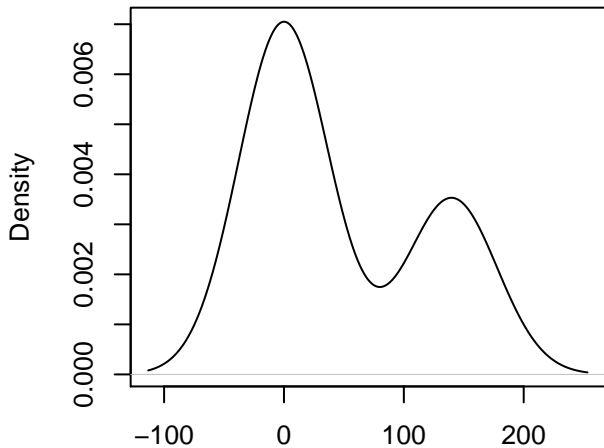
N = 3 Bandwidth = 34.24
breakpoint: 17938529 – 17938542 tsu-0 ct-1

line = MAGIC.446 , Chr = 5



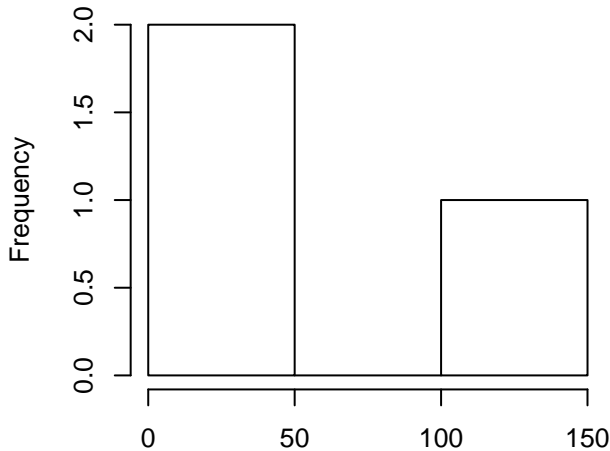
breakpoint: 17938529 – 17938542 tsu-0 ct-1

Bp = 131 line = MAGIC.446 , Chr = 5



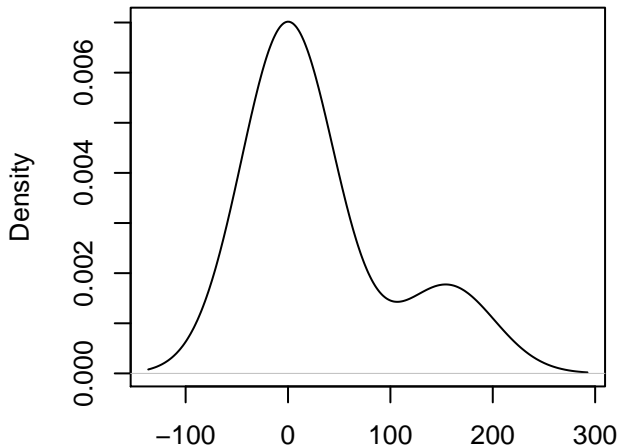
N = 3 Bandwidth = 37.74
breakpoint: 17945567 – 17945576 ct-1 po-0

line = MAGIC.446 , Chr = 5



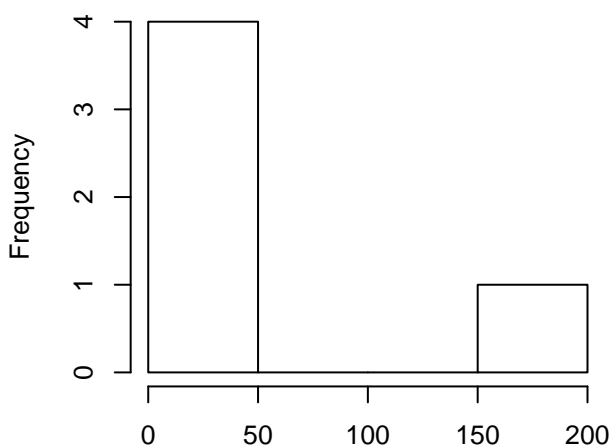
breakpoint: 17945567 – 17945576 ct-1 po-0

Bp = 132 line = MAGIC.446 , Chr = 5



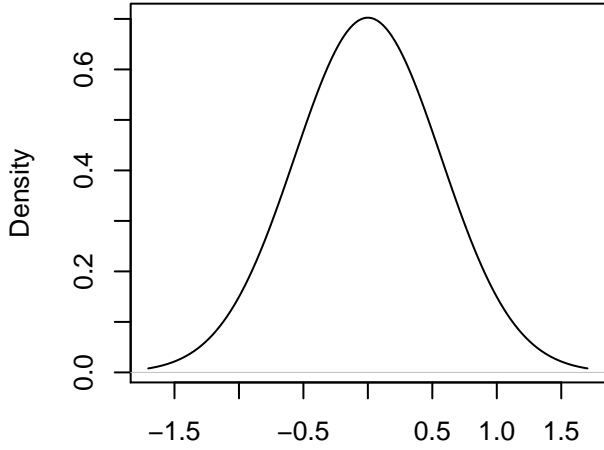
N = 5 Bandwidth = 45.51
breakpoint: 17964448 – 17964525 po-0 edi-0

line = MAGIC.446 , Chr = 5



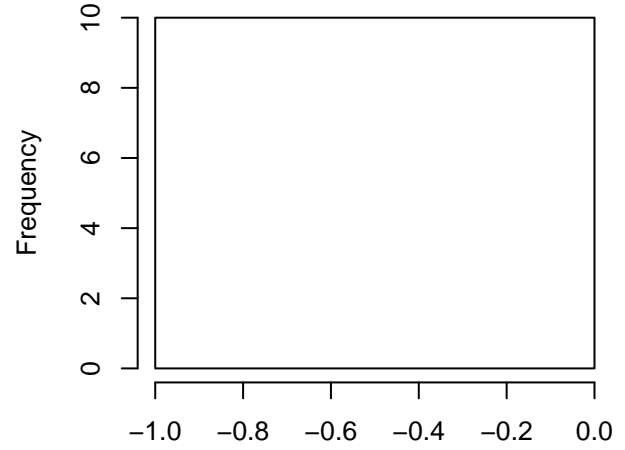
breakpoint: 17964448 – 17964525 po-0 edi-0

Bp = 133 line = MAGIC.446 , Chr = 5



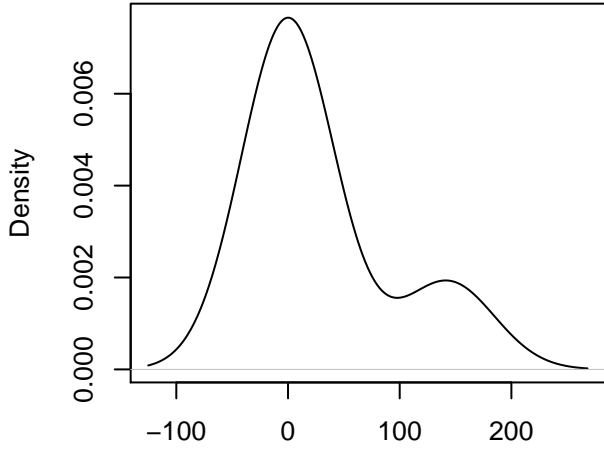
N = 10 Bandwidth = 0.5679
breakpoint: 17981897 – 17981908 edi-0 po-0

line = MAGIC.446 , Chr = 5



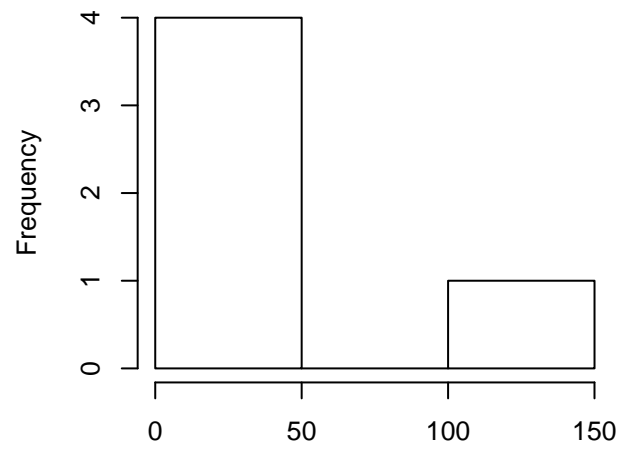
breakpoint: 17981897 – 17981908 edi-0 po-0

Bp = 134 line = MAGIC.446 , Chr = 5



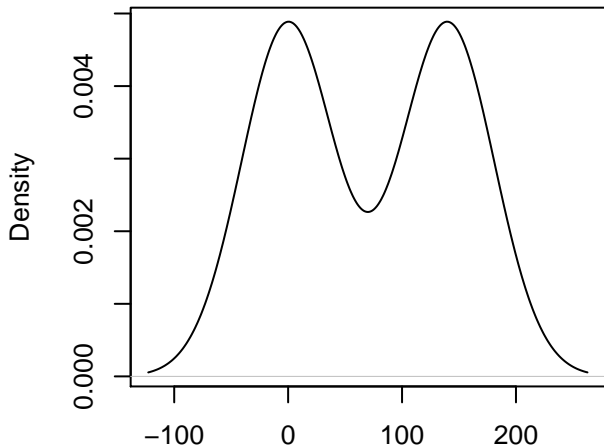
N = 5 Bandwidth = 41.72
breakpoint: 18138398 – 18138399 po-0 ws-0

line = MAGIC.446 , Chr = 5



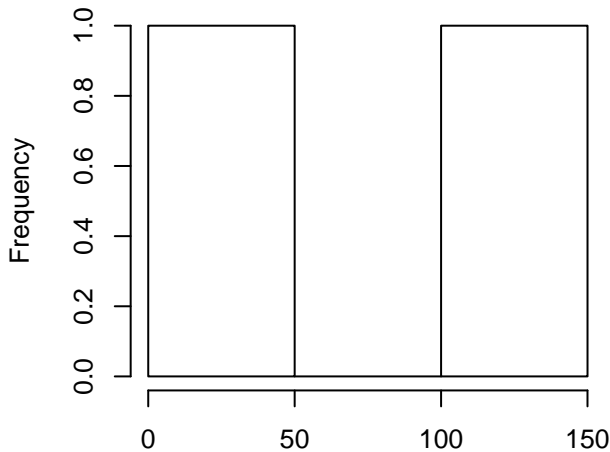
breakpoint: 18138398 – 18138399 po-0 ws-0

Bp = 136 line = MAGIC.446 , Chr = 5



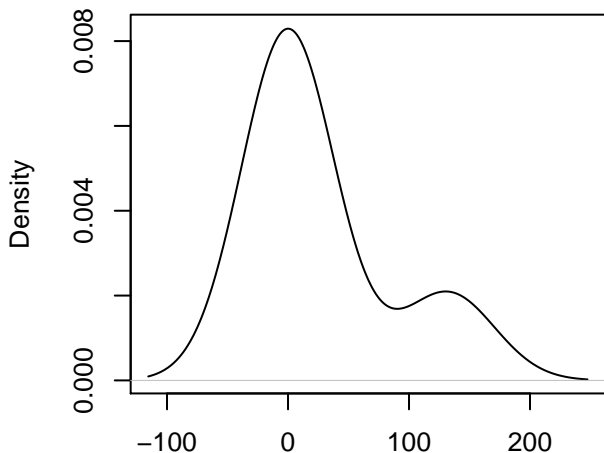
N = 2 Bandwidth = 40.93
breakpoint: 18165421 – 18165522 po-0 no-0

line = MAGIC.446 , Chr = 5



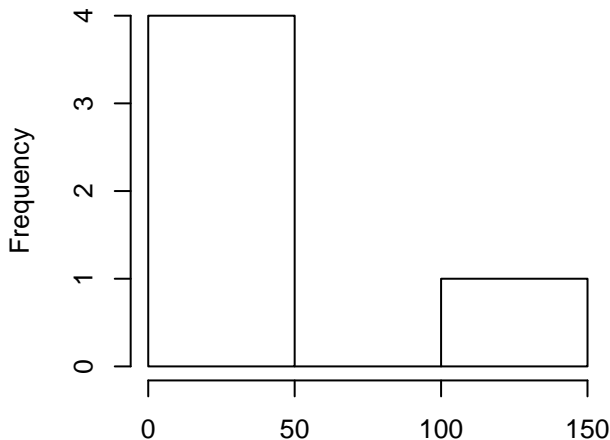
breakpoint: 18165421 – 18165522 po-0 no-0

Bp = 138 line = MAGIC.446 , Chr = 5



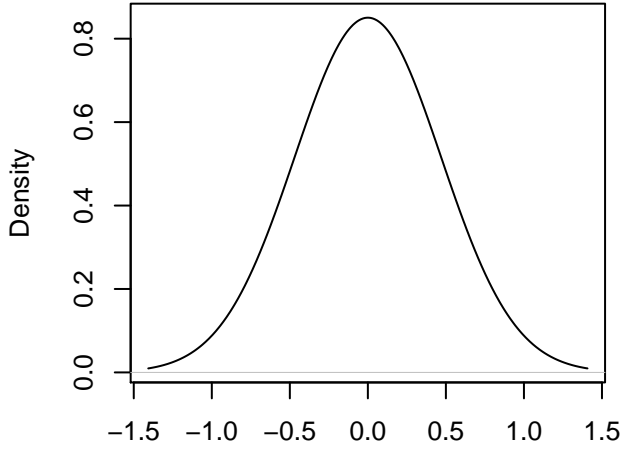
N = 5 Bandwidth = 38.51
breakpoint: 18225352 – 18225433 tsu-0 no-0

line = MAGIC.446 , Chr = 5



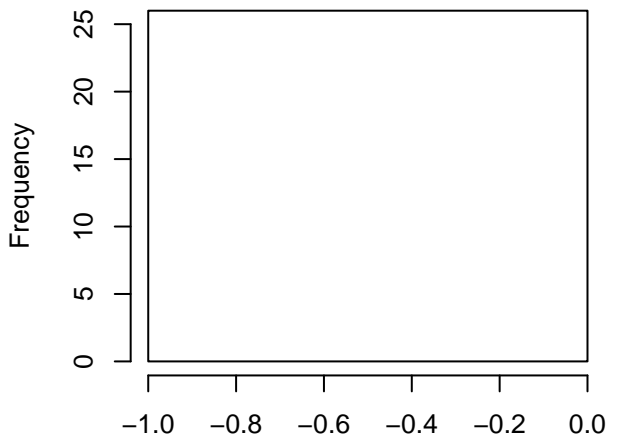
breakpoint: 18225352 – 18225433 tsu-0 no-0

Bp = 139 line = MAGIC.446 , Chr = 5



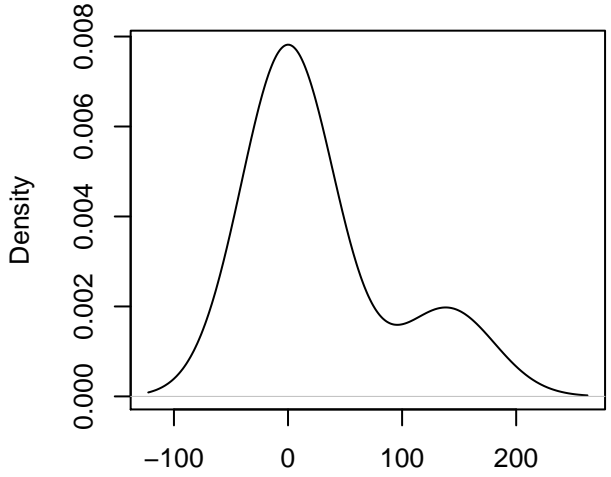
N = 26 Bandwidth = 0.4691
breakpoint: 18240649 – 18240663 no-0 po-0

line = MAGIC.446 , Chr = 5



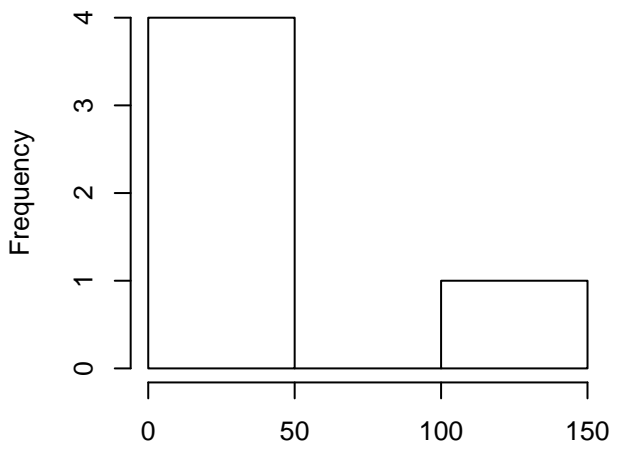
breakpoint: 18240649 – 18240663 no-0 po-0

Bp = 140 line = MAGIC.446 , Chr = 5



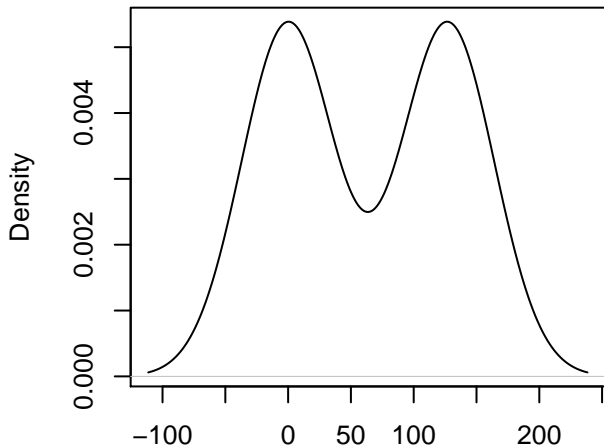
N = 5 Bandwidth = 40.84
breakpoint: 18331345 – 18331346 po-0 ct-1

line = MAGIC.446 , Chr = 5



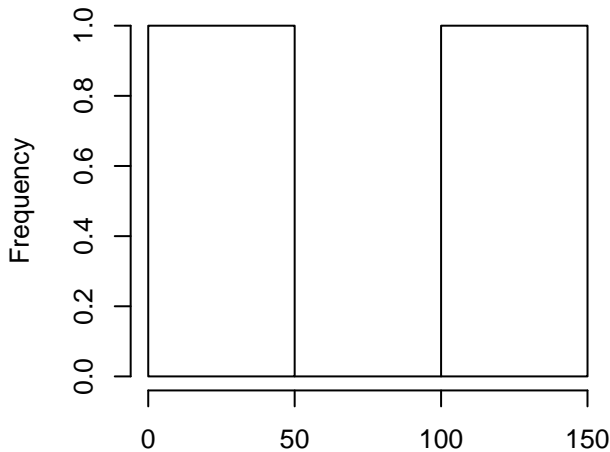
breakpoint: 18331345 – 18331346 po-0 ct-1

Bp = 141 line = MAGIC.446 , Chr = 5



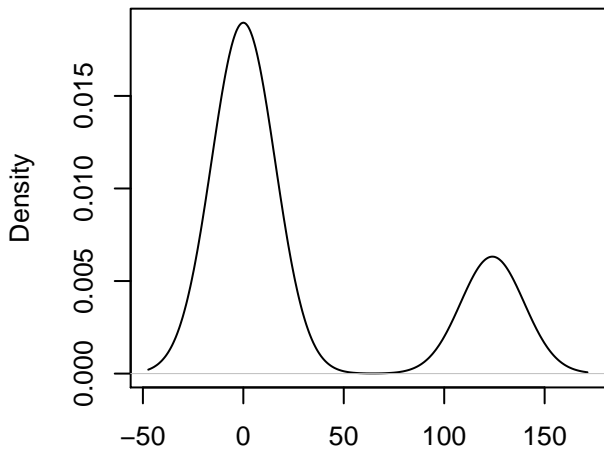
N = 2 Bandwidth = 37.13
breakpoint: 18373278 – 18373546 ct-1 po-0

line = MAGIC.446 , Chr = 5



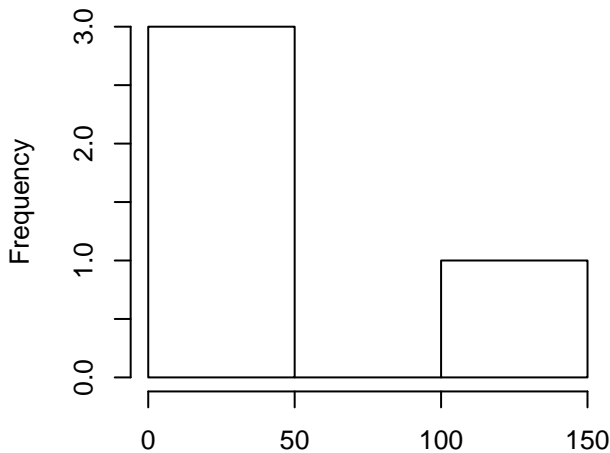
breakpoint: 18373278 – 18373546 ct-1 po-0

Bp = 142 line = MAGIC.446 , Chr = 5



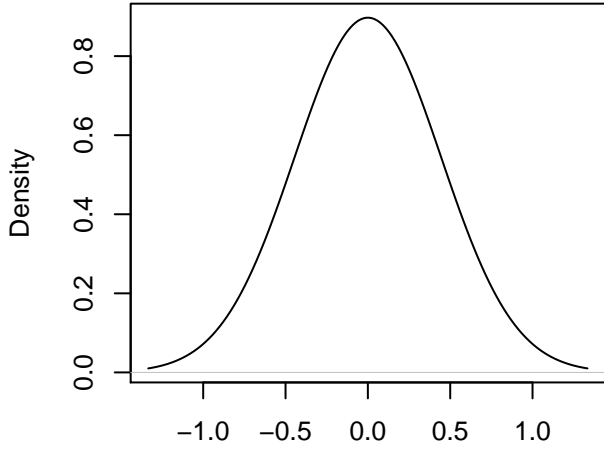
N = 4 Bandwidth = 15.78
breakpoint: 18486394 – 18487796 po-0 mt-0

line = MAGIC.446 , Chr = 5



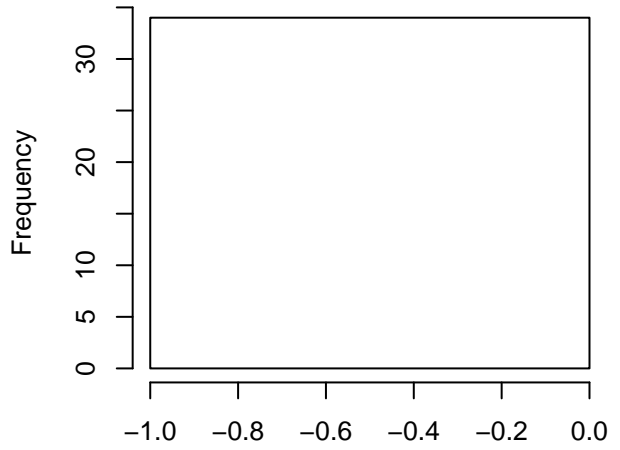
breakpoint: 18486394 – 18487796 po-0 mt-0

Bp = 143 line = MAGIC.446 , Chr = 5



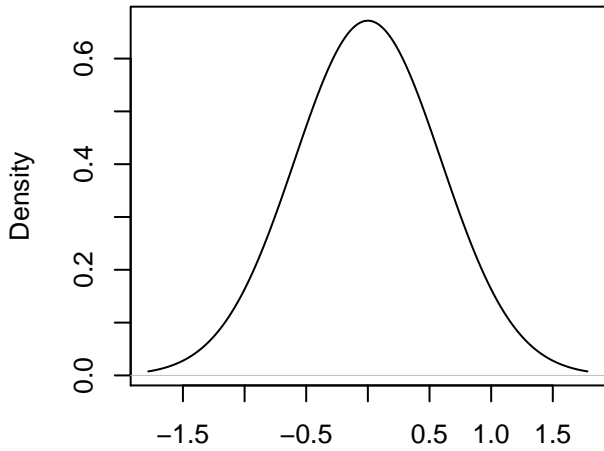
N = 34 Bandwidth = 0.4446
breakpoint: 18496336 – 18496417 mt-0 po-0

line = MAGIC.446 , Chr = 5



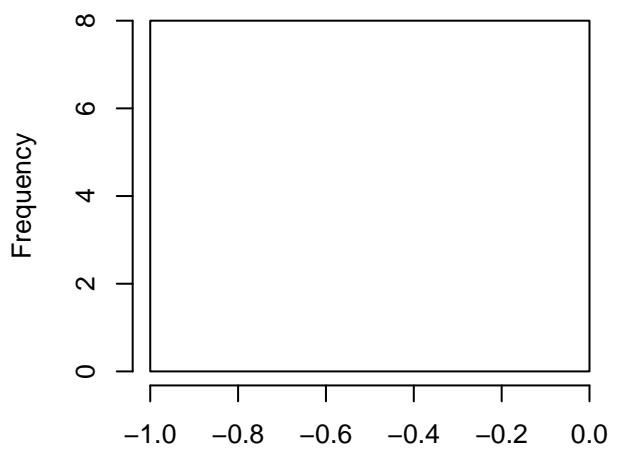
breakpoint: 18496336 – 18496417 mt-0 po-0

Bp = 144 line = MAGIC.446 , Chr = 5



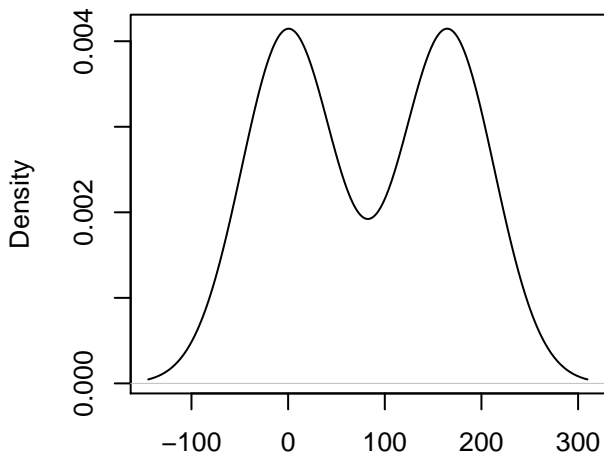
N = 8 Bandwidth = 0.5938
breakpoint: 18521583 – 18521622 po-0 zu-0

line = MAGIC.446 , Chr = 5



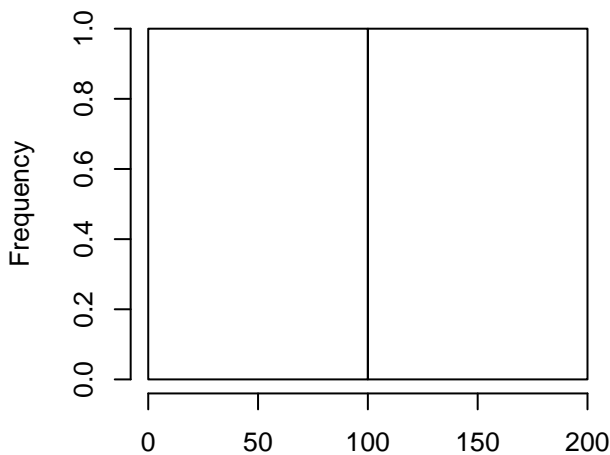
breakpoint: 18521583 – 18521622 po-0 zu-0

Bp = 147 line = MAGIC.446 , Chr = 5



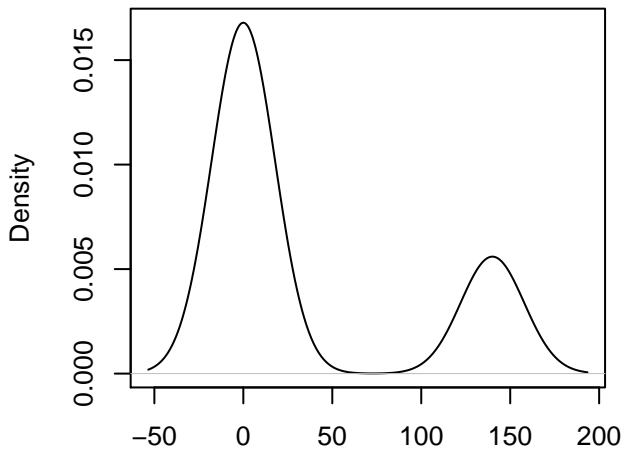
N = 2 Bandwidth = 48.24
breakpoint: 18598179 – 18598203 po-0 sf-2

line = MAGIC.446 , Chr = 5



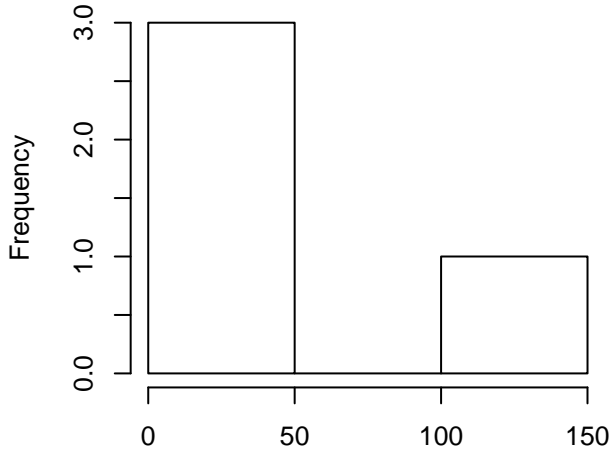
breakpoint: 18598179 – 18598203 po-0 sf-2

Bp = 148 line = MAGIC.446 , Chr = 5



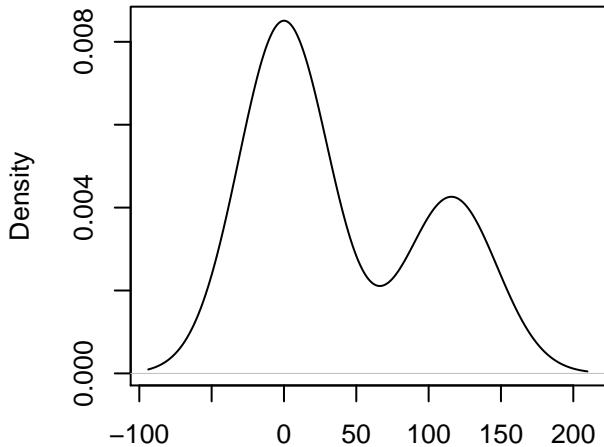
N = 4 Bandwidth = 17.82
breakpoint: 18613961 – 18614000 sf-2 po-0

line = MAGIC.446 , Chr = 5



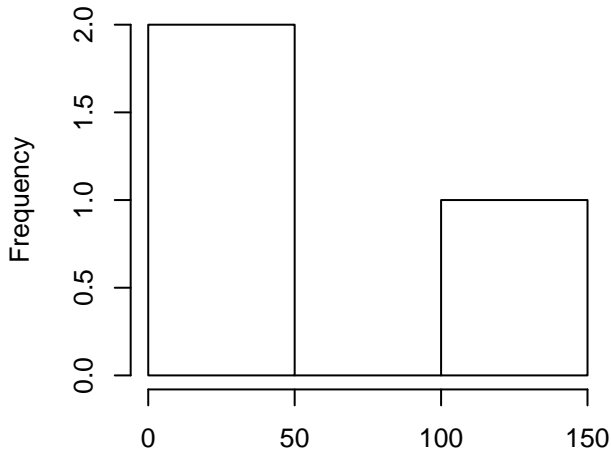
breakpoint: 18613961 – 18614000 sf-2 po-0

Bp = 150 line = MAGIC.446 , Chr = 5



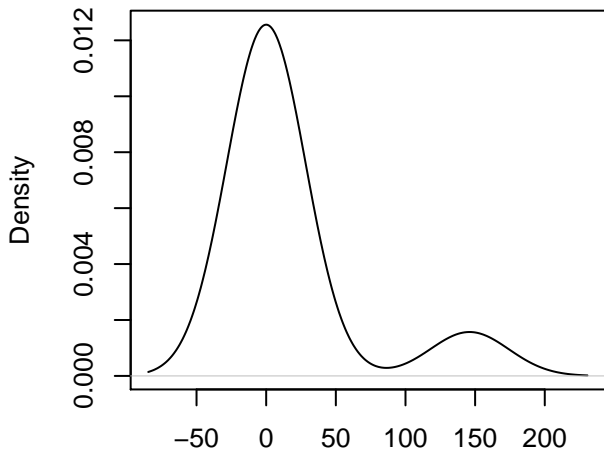
N = 3 Bandwidth = 31.27
breakpoint: 19304522 – 19304889 tsu-0 rsch-4

line = MAGIC.446 , Chr = 5



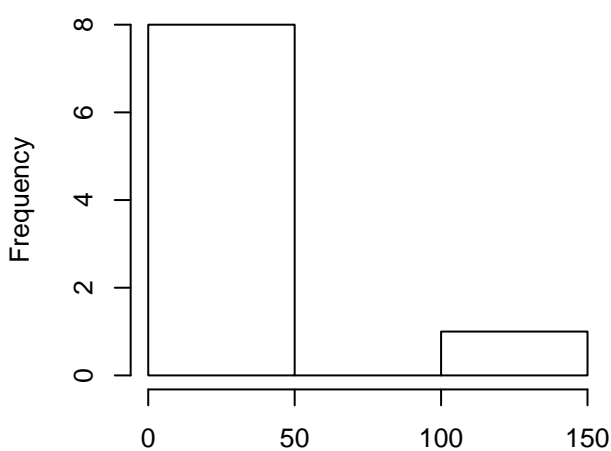
breakpoint: 19304522 – 19304889 tsu-0 rsch-4

Bp = 152 line = MAGIC.446 , Chr = 5



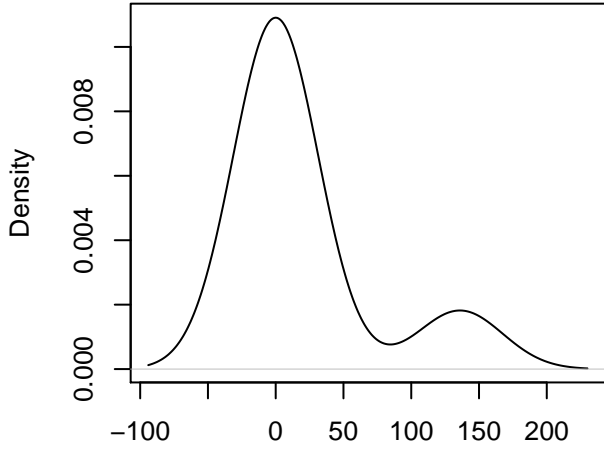
N = 9 Bandwidth = 28.22
breakpoint: 19949605 – 19949625 po-0 wu-0

line = MAGIC.446 , Chr = 5



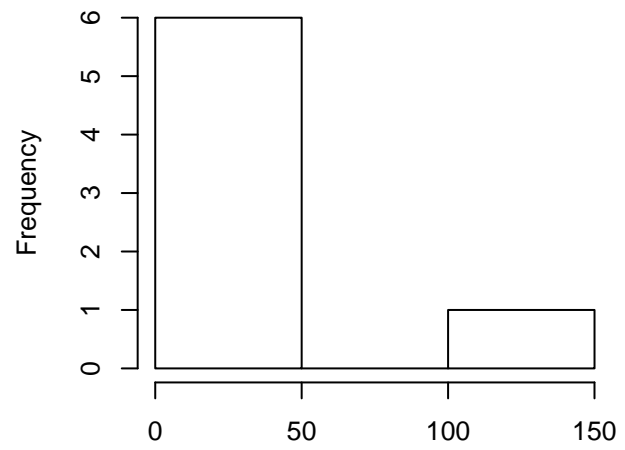
breakpoint: 19949605 – 19949625 po-0 wu-0

Bp = 153 line = MAGIC.446 , Chr = 5



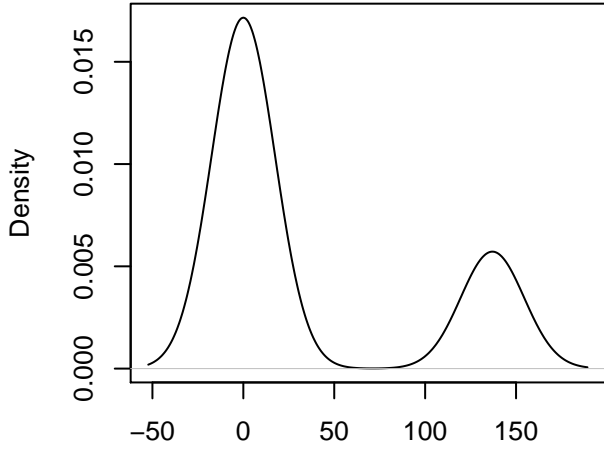
N = 7 Bandwidth = 31.35
breakpoint: 20100360 – 20100381 wu-0 po-0

line = MAGIC.446 , Chr = 5



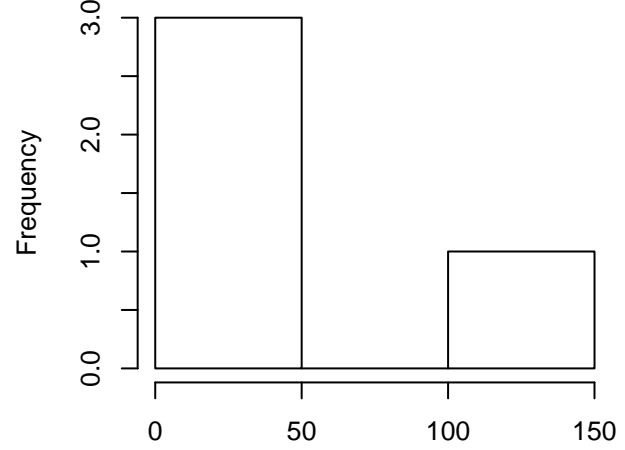
breakpoint: 20100360 – 20100381 wu-0 po-0

Bp = 156 line = MAGIC.446 , Chr = 5



N = 4 Bandwidth = 17.43
breakpoint: 20813406 – 20813408 can-0 sf-2

line = MAGIC.446 , Chr = 5



breakpoint: 20813406 – 20813408 can-0 sf-2