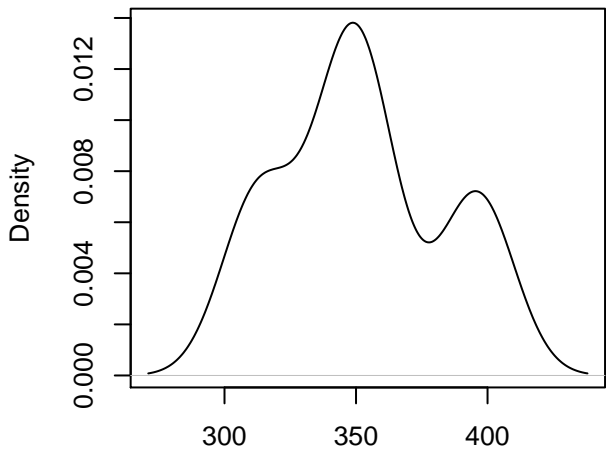
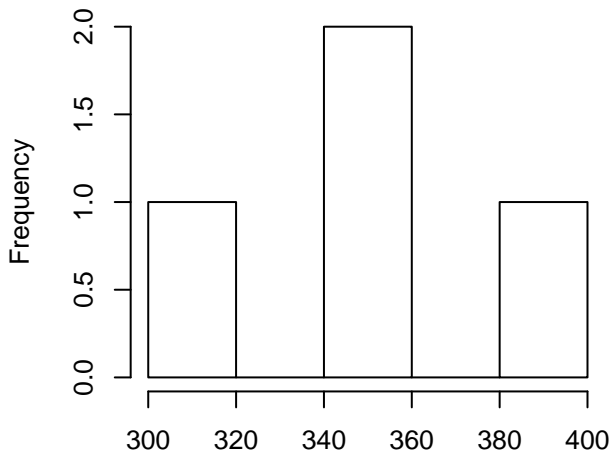


Bp = 1 line = MAGIC.446 , Chr = 1



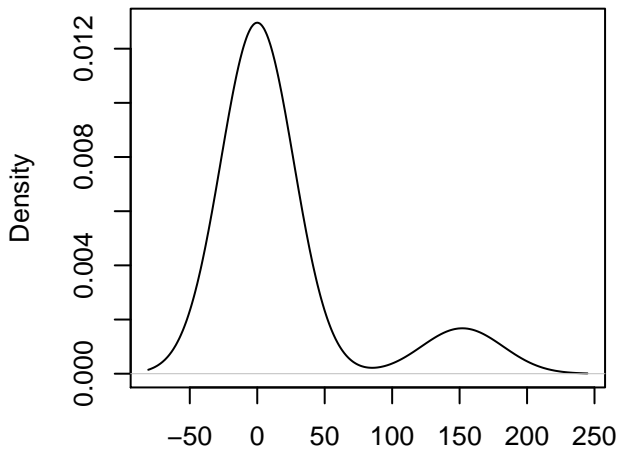
N = 4 Bandwidth = 14
breakpoint: 4059453 – 4059487 sf-2 ler-0

line = MAGIC.446 , Chr = 1



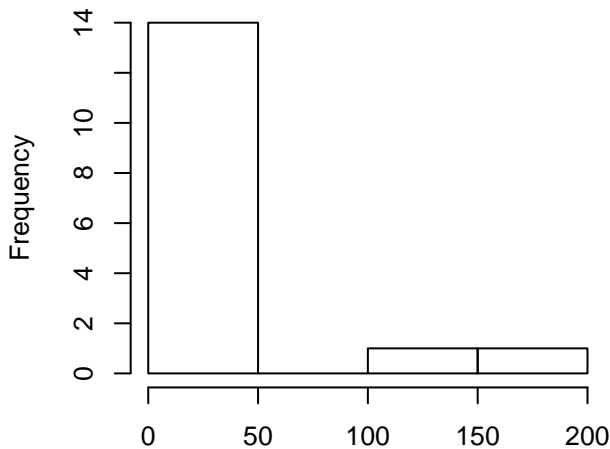
breakpoint: 4059453 – 4059487 sf-2 ler-0

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



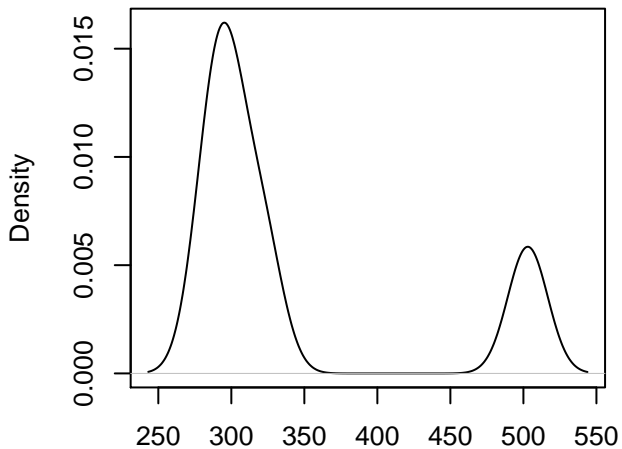
N = 16 Bandwidth = 26.93
breakpoint: 9441318 – 9441326 ler-0 wil-2

line = MAGIC.446 , Chr = 1



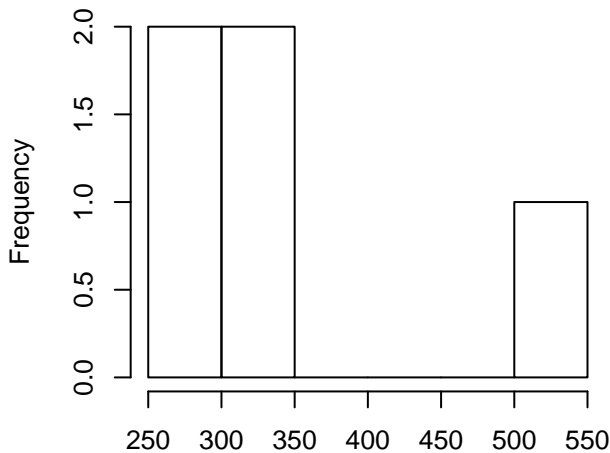
breakpoint: 9441318 – 9441326 ler-0 wil-2

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



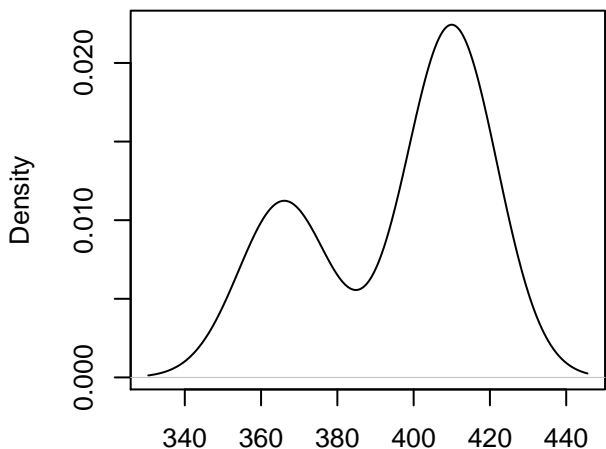
N = 5 Bandwidth = 13.63
breakpoint: 9626483 – 9626515 ler-0 no-0

line = MAGIC.446 , Chr = 1



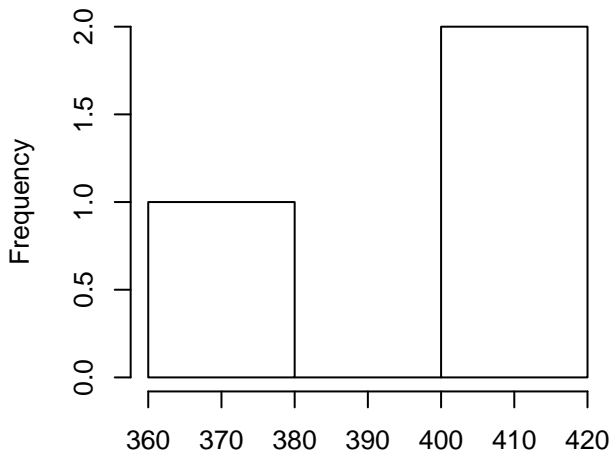
breakpoint: 9626483 – 9626515 ler-0 no-0

Bp = 6 line = MAGIC.446 , Chr = 1



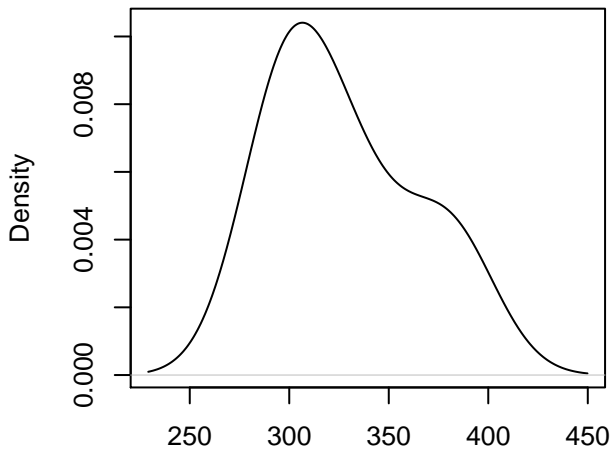
N = 3 Bandwidth = 11.86
breakpoint: 24175645 – 24175755 sf-2 mt-0

line = MAGIC.446 , Chr = 1



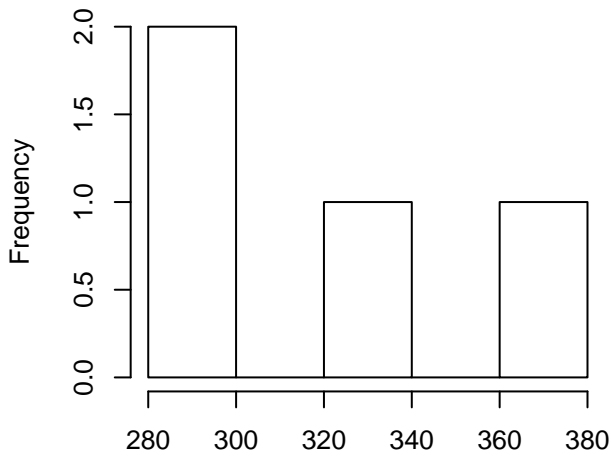
breakpoint: 24175645 – 24175755 sf-2 mt-0

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



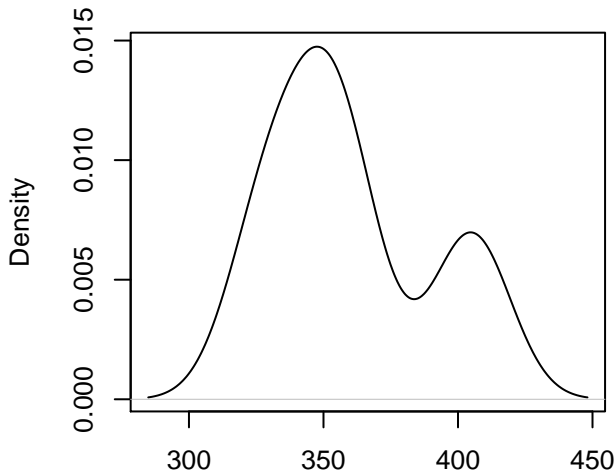
N = 4 Bandwidth = 23.29
breakpoint: 24176876 – 24176877 mt-0 sf-2

line = MAGIC.446 , Chr = 1



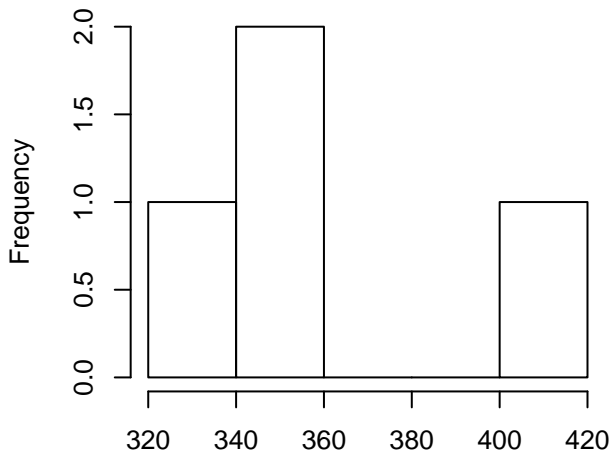
breakpoint: 24176876 – 24176877 mt-0 sf-2

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



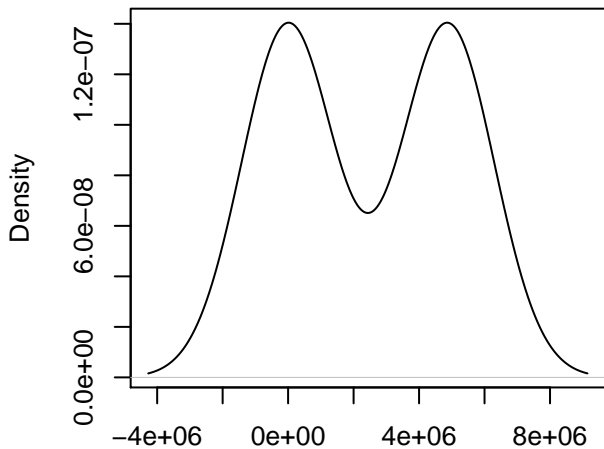
N = 4 Bandwidth = 14.38
breakpoint: 25254984 – 25254986 sf-2 kn-0

line = MAGIC.446 , Chr = 1



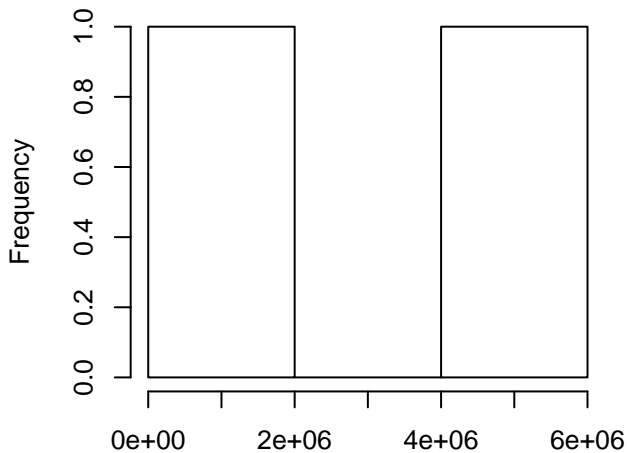
breakpoint: 25254984 – 25254986 sf-2 kn-0

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



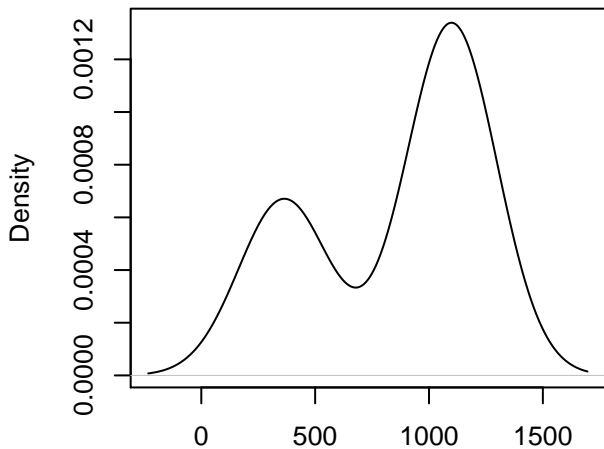
N = 2 Bandwidth = 1.424e+06
breakpoint: 2311297 - 2311362 sf-2 po-0

line = MAGIC.446 , Chr = 2



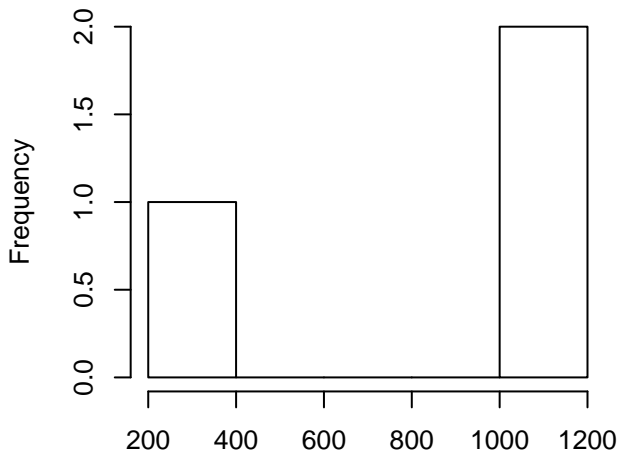
breakpoint: 2311297 - 2311362 sf-2 po-0

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



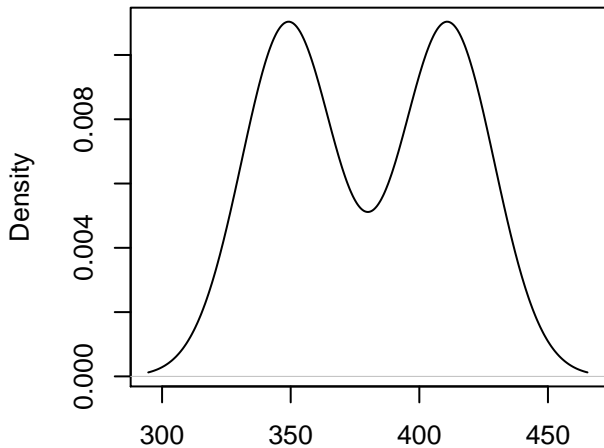
N = 3 Bandwidth = 198.7
breakpoint: 4437996 - 4438946 po-0 bur-0

line = MAGIC.446 , Chr = 2



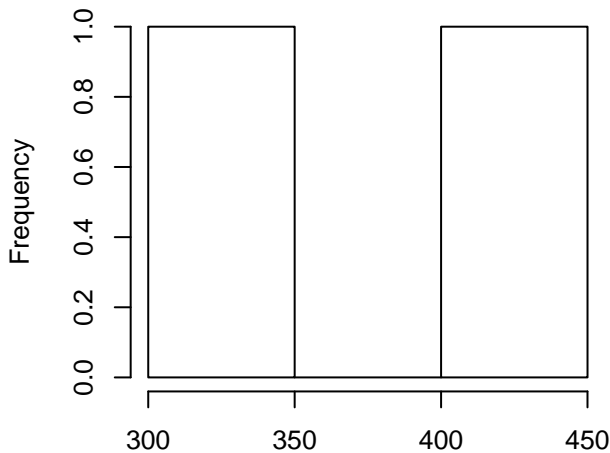
breakpoint: 4437996 - 4438946 po-0 bur-0

Bp = 13 line = MAGIC.446 , Chr = 2



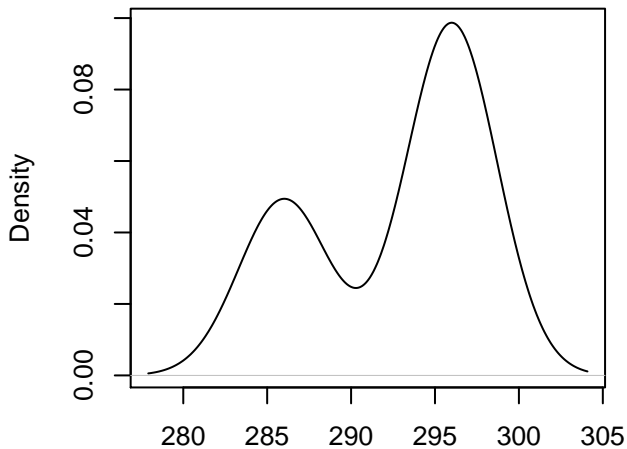
N = 2 Bandwidth = 18.13
breakpoint: 4472726 – 4472877 bur-0 po-0

line = MAGIC.446 , Chr = 2



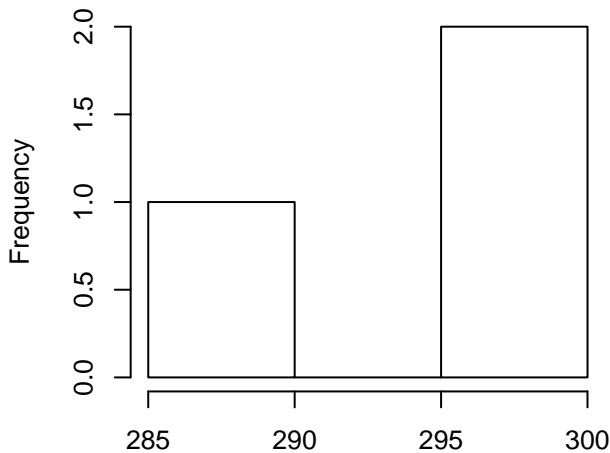
breakpoint: 4472726 – 4472877 bur-0 po-0

Bp = 17 line = MAGIC.446 , Chr = 2



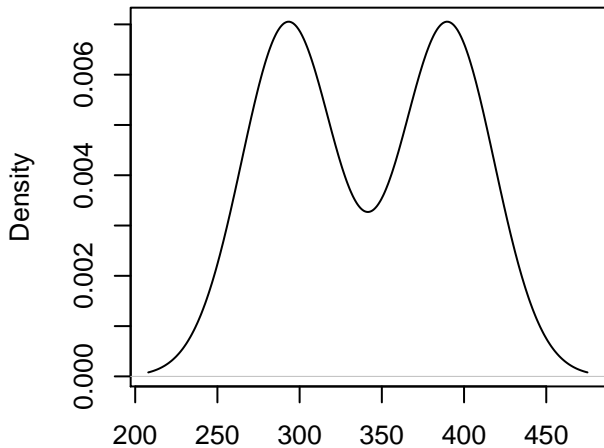
N = 3 Bandwidth = 2.696
breakpoint: 5660828 – 5660866 tsu-0 po-0

line = MAGIC.446 , Chr = 2



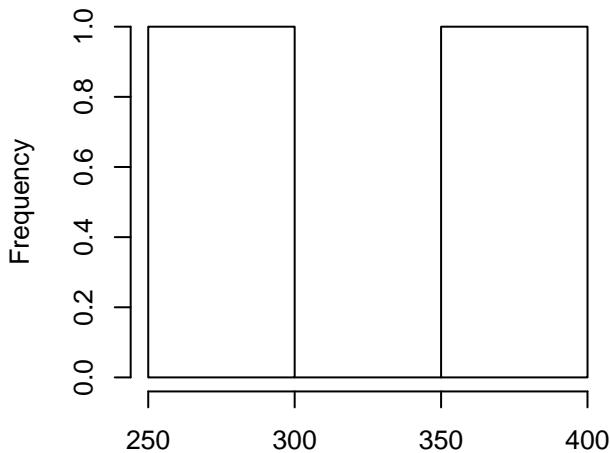
breakpoint: 5660828 – 5660866 tsu-0 po-0

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



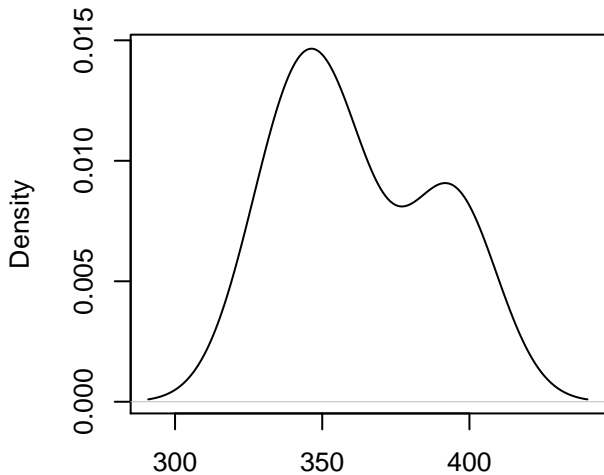
N = 2 Bandwidth = 28.36
breakpoint: 5741767 – 5741796 po-0 ct-1

line = MAGIC.446 , Chr = 2



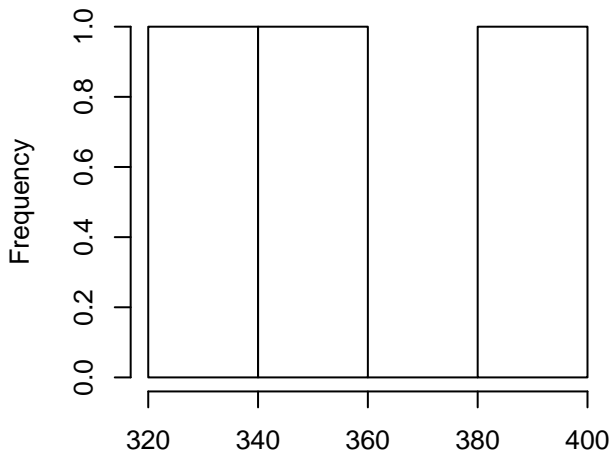
breakpoint: 5741767 – 5741796 po-0 ct-1

Bp = 19 line = MAGIC.446 , Chr = 2



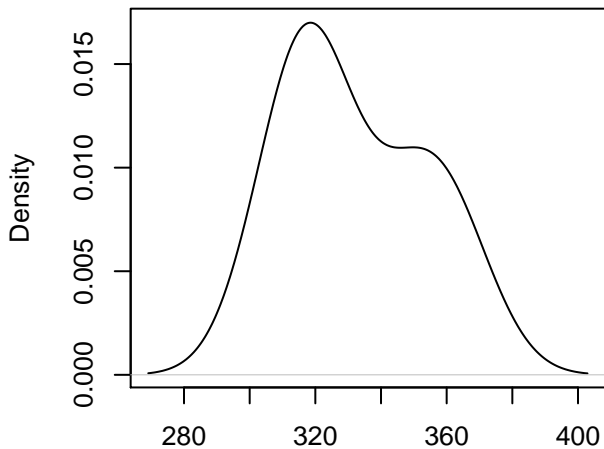
N = 3 Bandwidth = 15.37
breakpoint: 5772129 – 5772143 ct-1 po-0

line = MAGIC.446 , Chr = 2



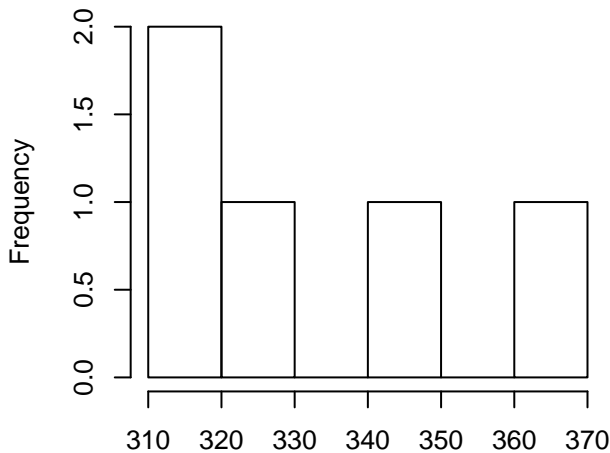
breakpoint: 5772129 – 5772143 ct-1 po-0

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



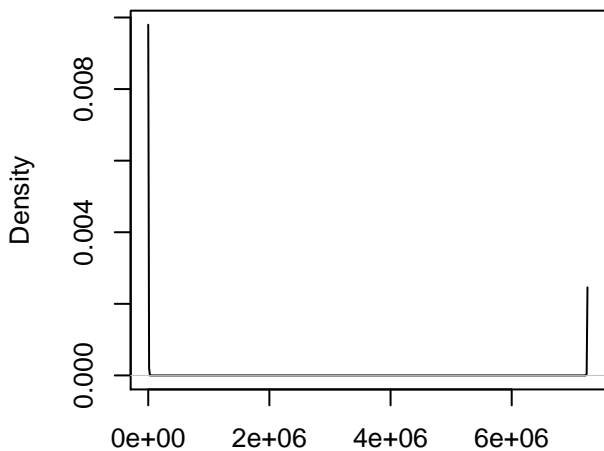
N = 5 Bandwidth = 13.63
breakpoint: 5909766 – 5909787 po-0 kn-0

line = MAGIC.446 , Chr = 2



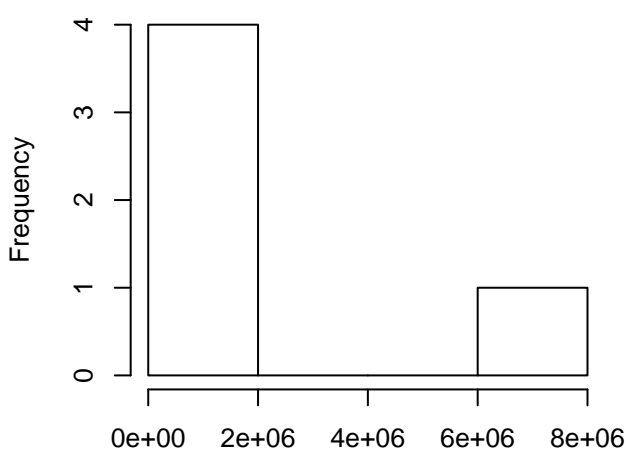
breakpoint: 5909766 – 5909787 po-0 kn-0

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



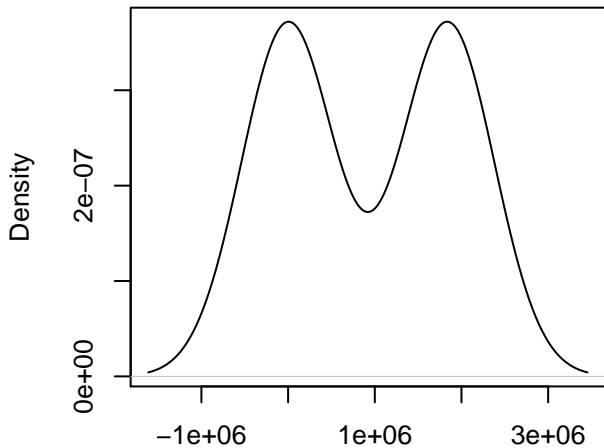
N = 5 Bandwidth = 31.64
breakpoint: 5920851 – 5920871 kn-0 po-0

line = MAGIC.446 , Chr = 2



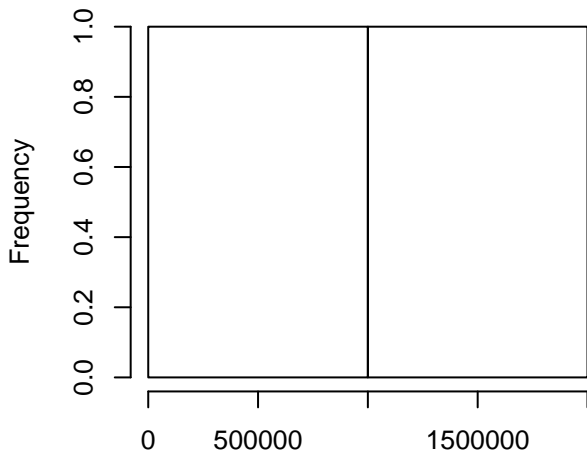
breakpoint: 5920851 – 5920871 kn-0 po-0

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



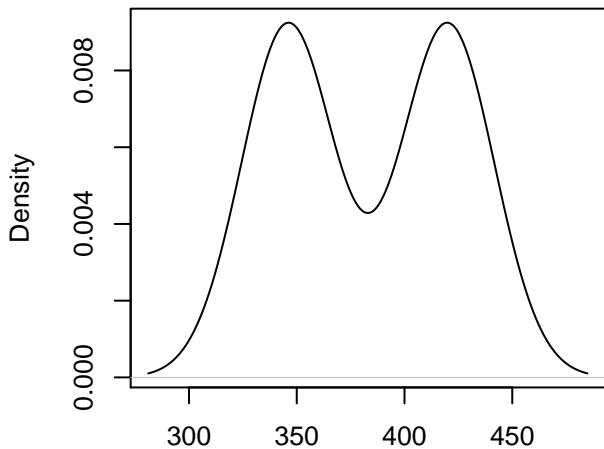
N = 2 Bandwidth = 5.379e+05
breakpoint: 6262935 - 6262939 hi-0 sf-2

line = MAGIC.446 , Chr = 2



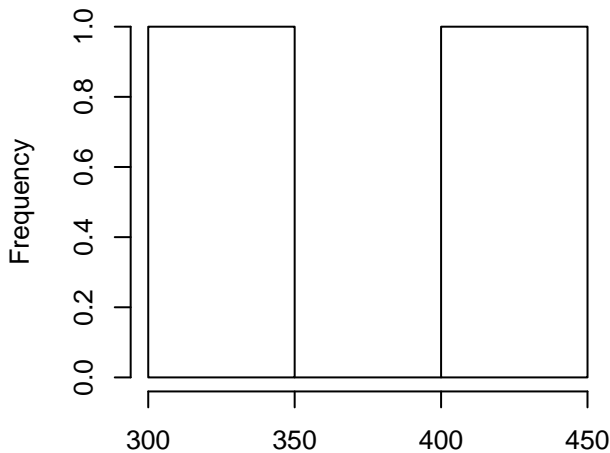
breakpoint: 6262935 - 6262939 hi-0 sf-2

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



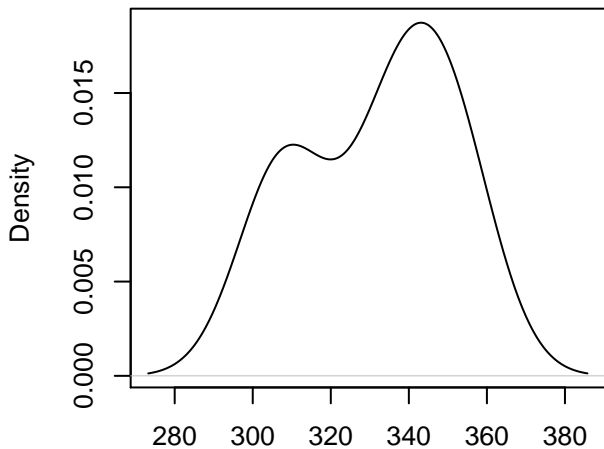
N = 2 Bandwidth = 21.63
breakpoint: 6286940 - 6298628 sf-2 po-0

line = MAGIC.446 , Chr = 2



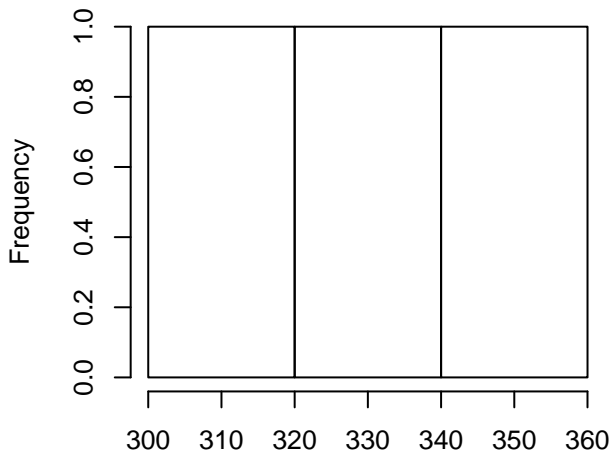
breakpoint: 6286940 - 6298628 sf-2 po-0

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



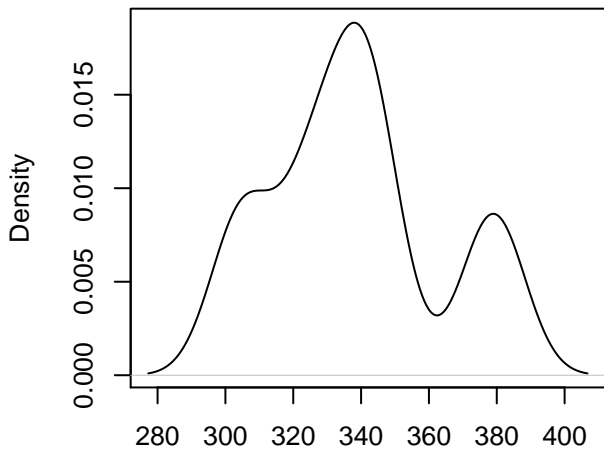
N = 3 Bandwidth = 11.59
breakpoint: 6666285 – 6666296 rsch-4 po-0

line = MAGIC.446 , Chr = 2



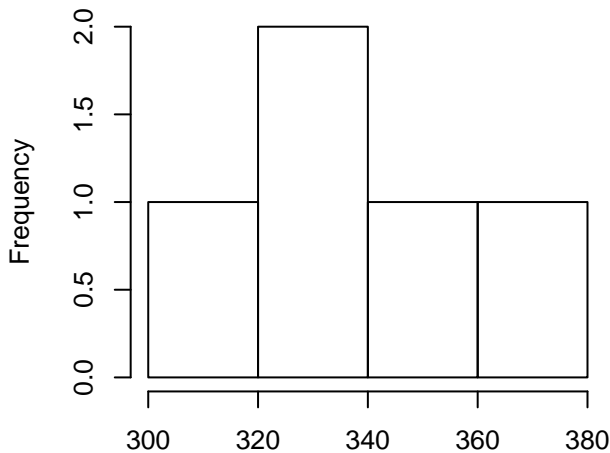
breakpoint: 6666285 – 6666296 rsch-4 po-0

Bp = 29 line = MAGIC.446 , Chr = 2



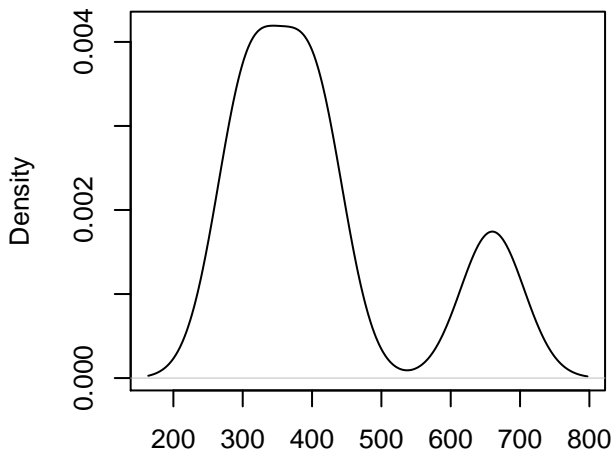
N = 5 Bandwidth = 9.249
breakpoint: 6812141 – 6812147 edi-0 po-0

line = MAGIC.446 , Chr = 2



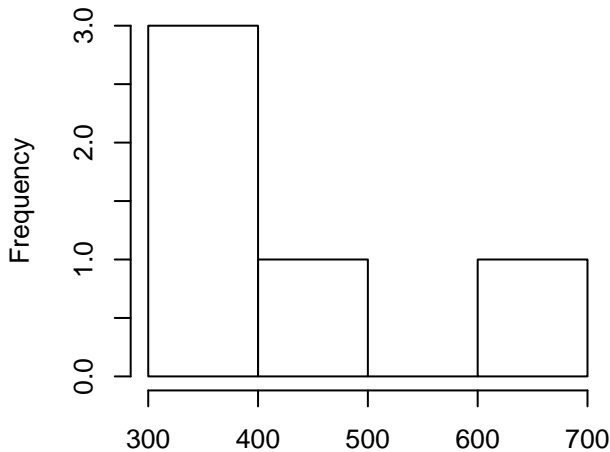
breakpoint: 6812141 – 6812147 edi-0 po-0

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



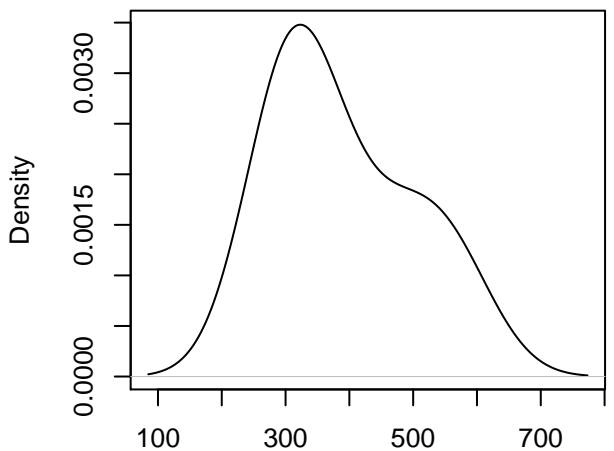
N = 5 Bandwidth = 45.76
breakpoint: 7099140 – 7099178 po-0 no-0

line = MAGIC.446 , Chr = 2



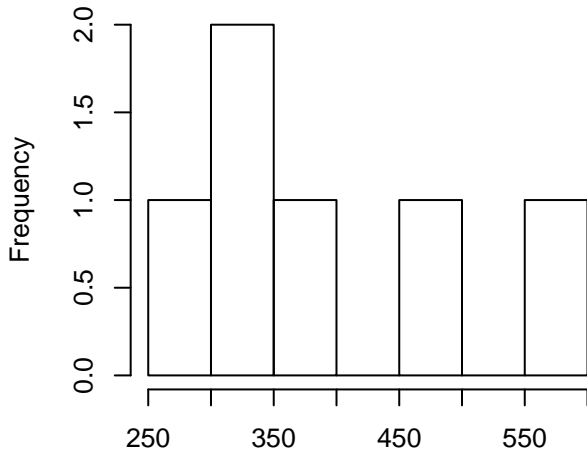
breakpoint: 7099140 – 7099178 po-0 no-0

Bp = 31 line = MAGIC.446 , Chr = 2



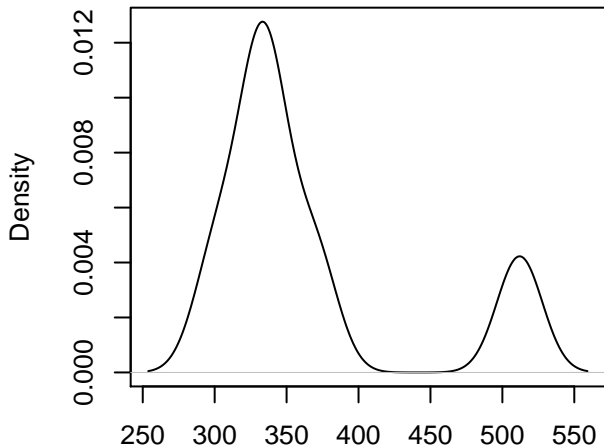
N = 6 Bandwidth = 69.74
breakpoint: 9253623 – 9253625 no-0 can-0

line = MAGIC.446 , Chr = 2



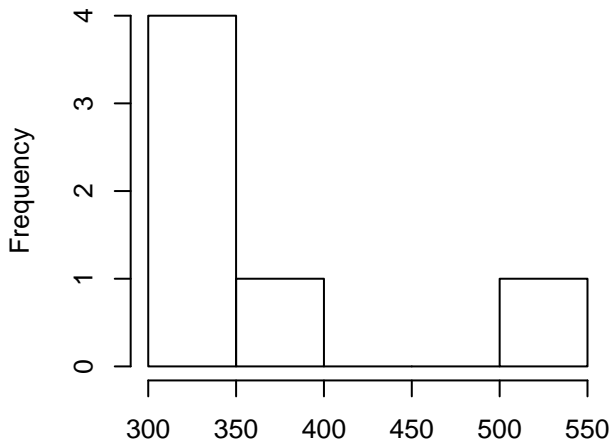
breakpoint: 9253623 – 9253625 no-0 can-0

Bp = 32 line = MAGIC.446 , Chr = 2



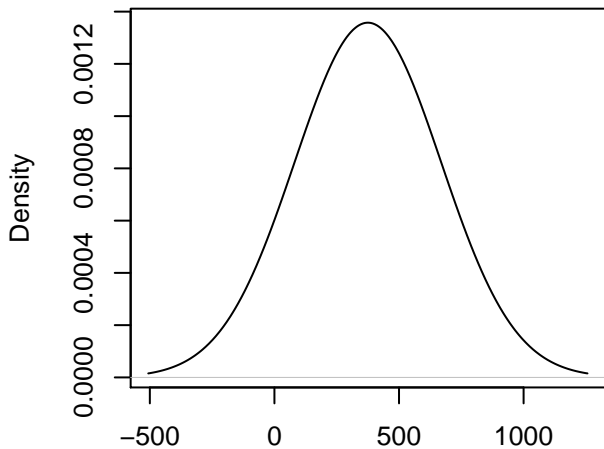
N = 6 Bandwidth = 15.72
breakpoint: 9255143 – 9255198 can-0 no-0

line = MAGIC.446 , Chr = 2



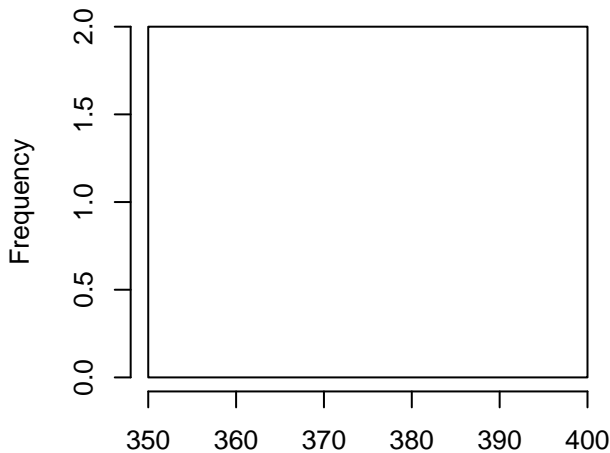
breakpoint: 9255143 – 9255198 can-0 no-0

Bp = 33 line = MAGIC.446 , Chr = 3



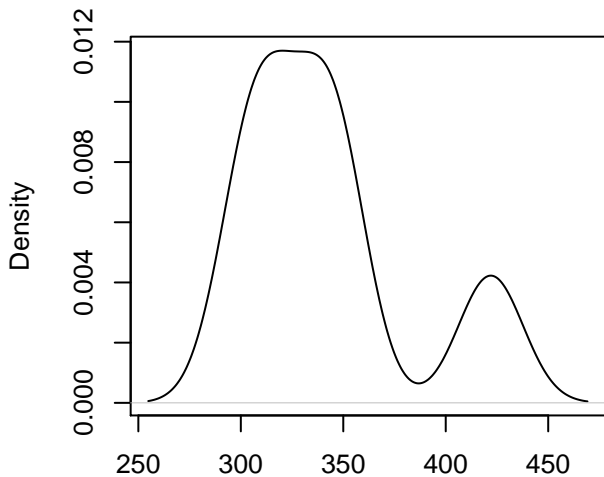
N = 2 Bandwidth = 293.8
breakpoint: 980006 – 980012 po-0 tsu-0

line = MAGIC.446 , Chr = 3



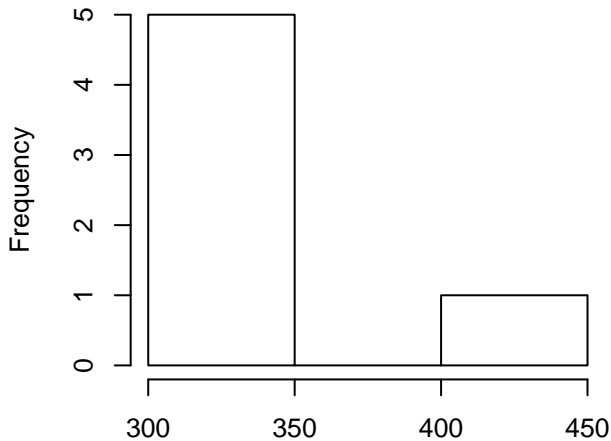
breakpoint: 980006 – 980012 po-0 tsu-0

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



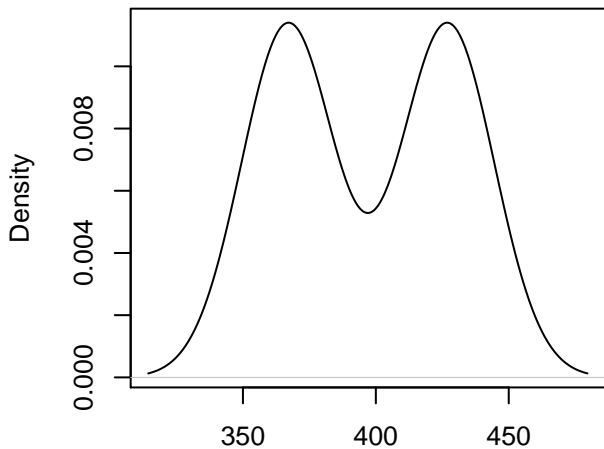
N = 6 Bandwidth = 15.72
breakpoint: 1122726 – 1122808 tsu-0 po-0

line = MAGIC.446 , Chr = 3



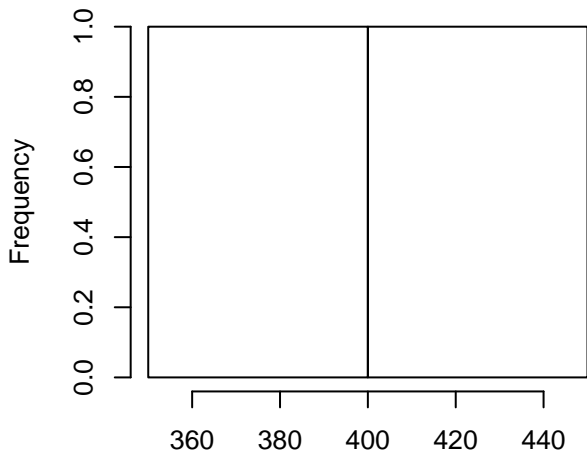
breakpoint: 1122726 – 1122808 tsu-0 po-0

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



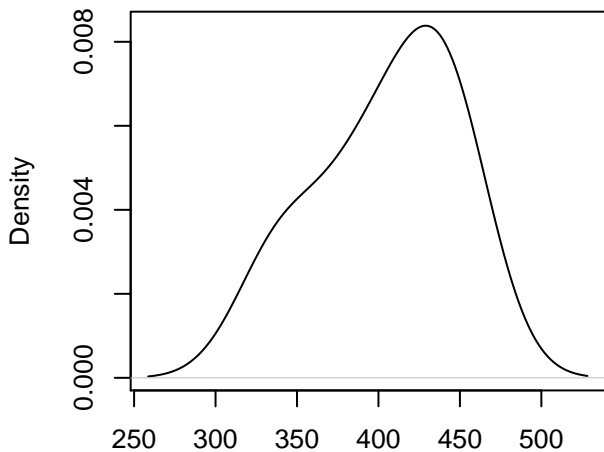
N = 2 Bandwidth = 17.54
breakpoint: 1864241 – 1864242 wu-0 ct-1

line = MAGIC.446 , Chr = 3



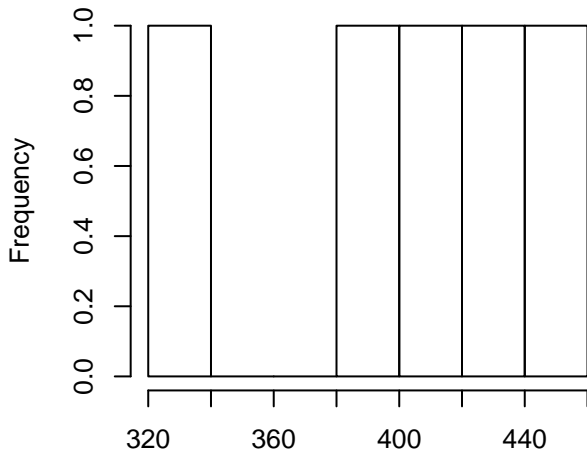
breakpoint: 1864241 – 1864242 wu-0 ct-1

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



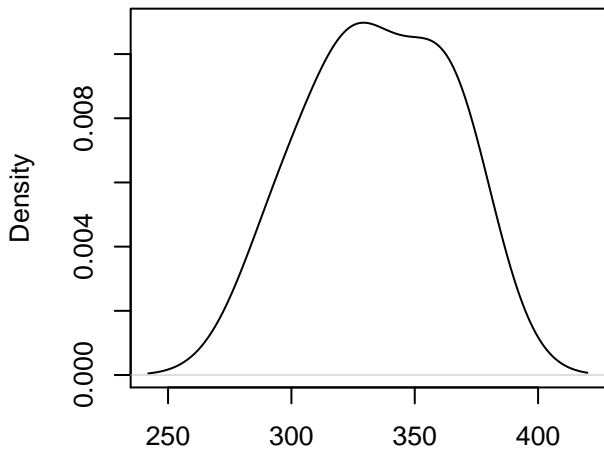
N = 5 Bandwidth = 26.77
breakpoint: 2371599 – 2372022 ct-1 ws-0

line = MAGIC.446 , Chr = 3



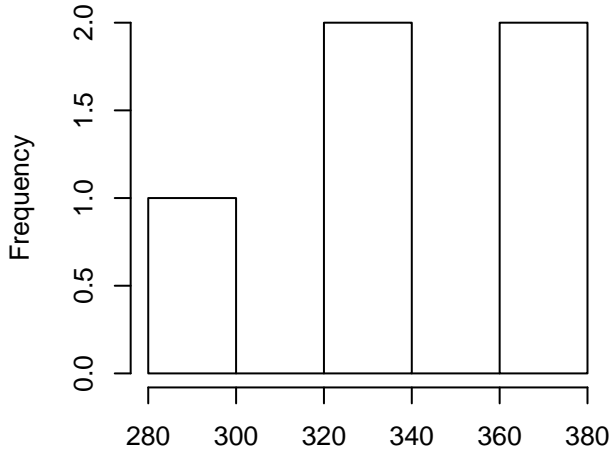
breakpoint: 2371599 – 2372022 ct-1 ws-0

Bp = 38 line = MAGIC.446 , Chr = 3



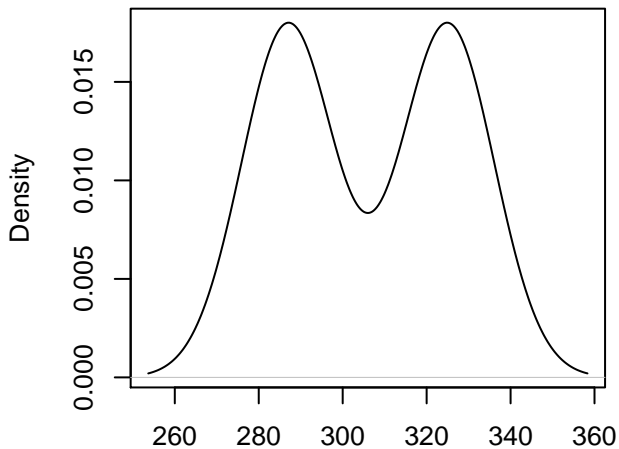
N = 5 Bandwidth = 18.01
breakpoint: 2627920 – 2628354 ws-0 po-0

line = MAGIC.446 , Chr = 3



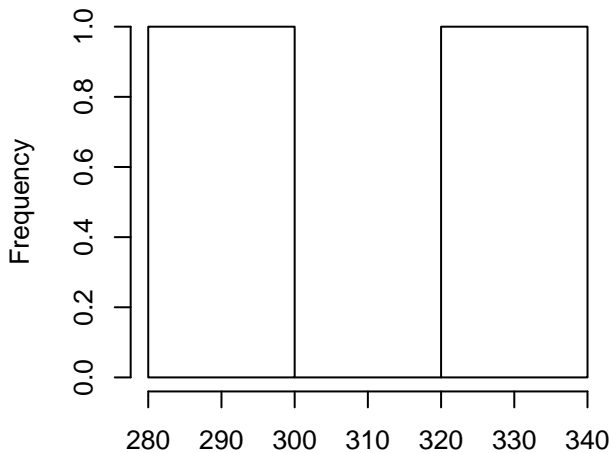
breakpoint: 2627920 – 2628354 ws-0 po-0

Bp = 39 line = MAGIC.446 , Chr = 3



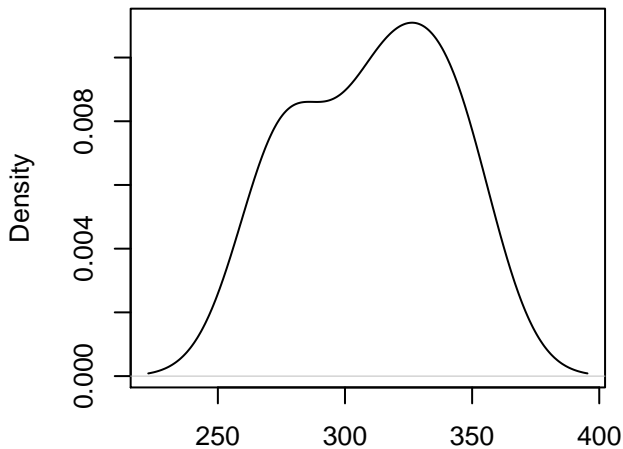
N = 2 Bandwidth = 11.11
breakpoint: 3125108 – 3125317 po-0 sf-2

line = MAGIC.446 , Chr = 3



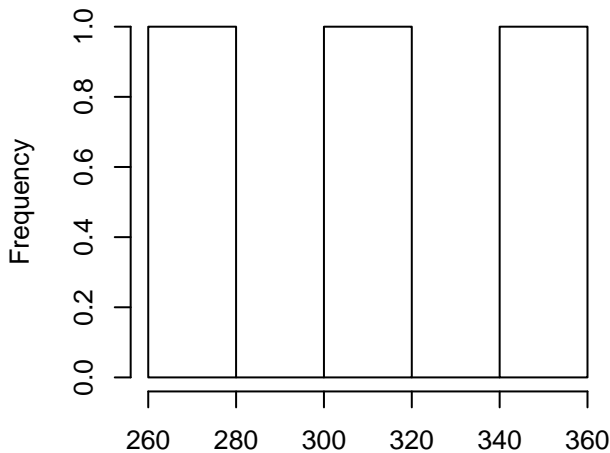
breakpoint: 3125108 – 3125317 po-0 sf-2

Bp = 40 line = MAGIC.446 , Chr = 3



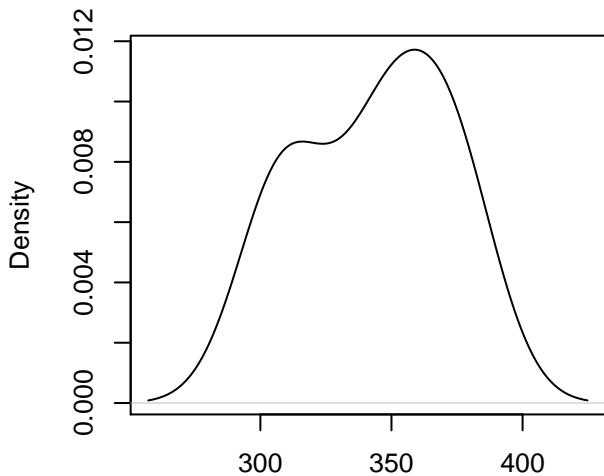
N = 3 Bandwidth = 17.79
breakpoint: 3157583 – 3157603 sf-2 po-0

line = MAGIC.446 , Chr = 3



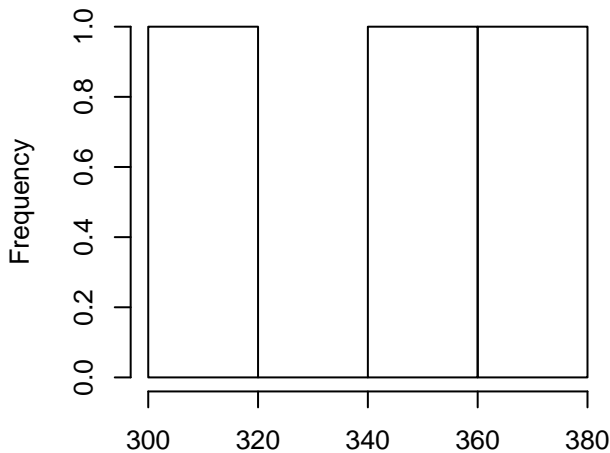
breakpoint: 3157583 – 3157603 sf-2 po-0

Bp = 42 line = MAGIC.446 , Chr = 3



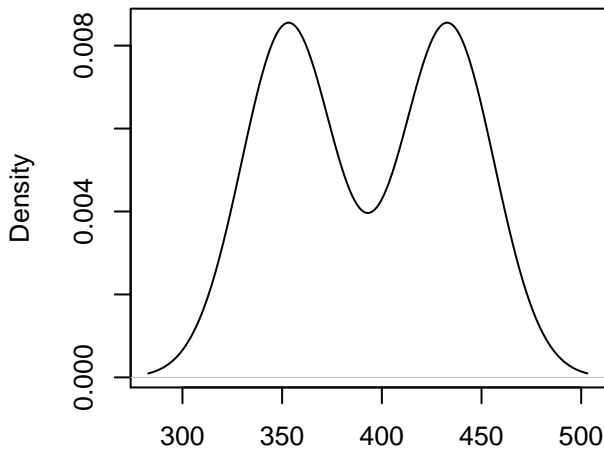
N = 3 Bandwidth = 17.25
breakpoint: 3556521 – 3556522 wu-0 can-0

line = MAGIC.446 , Chr = 3



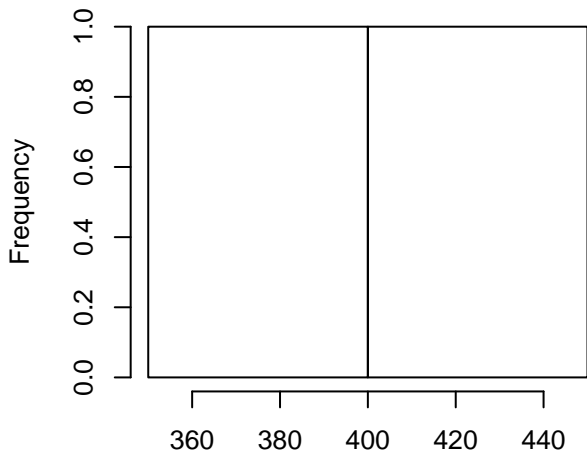
breakpoint: 3556521 – 3556522 wu-0 can-0

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



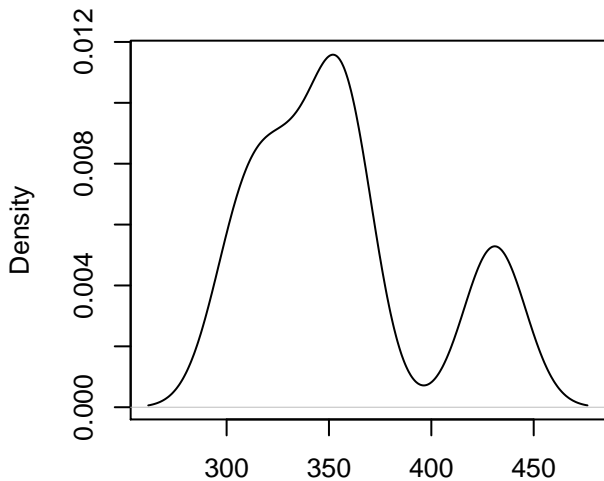
N = 2 Bandwidth = 23.39
breakpoint: 3574083 – 3574307 can-0 po-0

line = MAGIC.446 , Chr = 3



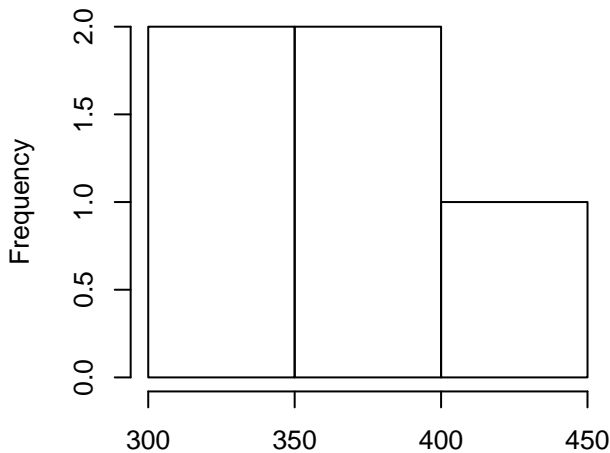
breakpoint: 3574083 – 3574307 can-0 po-0

Bp = 44 line = MAGIC.446 , Chr = 3



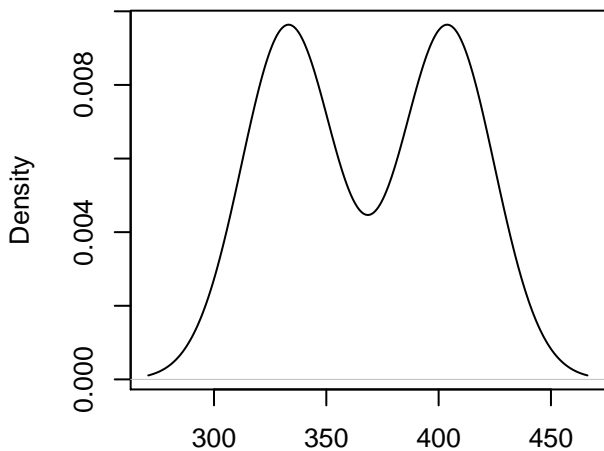
N = 5 Bandwidth = 15.09
breakpoint: 3953584 – 3954006 po-0 bur-0

line = MAGIC.446 , Chr = 3



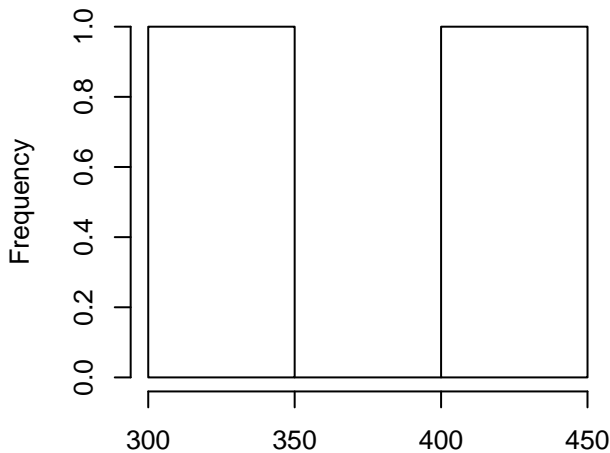
breakpoint: 3953584 – 3954006 po-0 bur-0

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



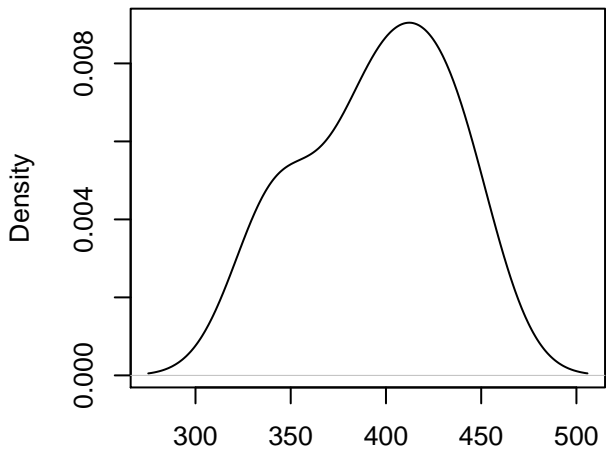
N = 2 Bandwidth = 20.76
breakpoint: 4037004 – 4037058 bur-0 po-0

line = MAGIC.446 , Chr = 3



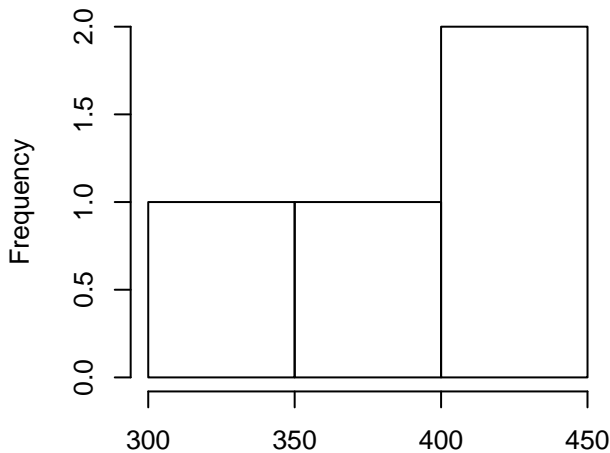
breakpoint: 4037004 – 4037058 bur-0 po-0

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



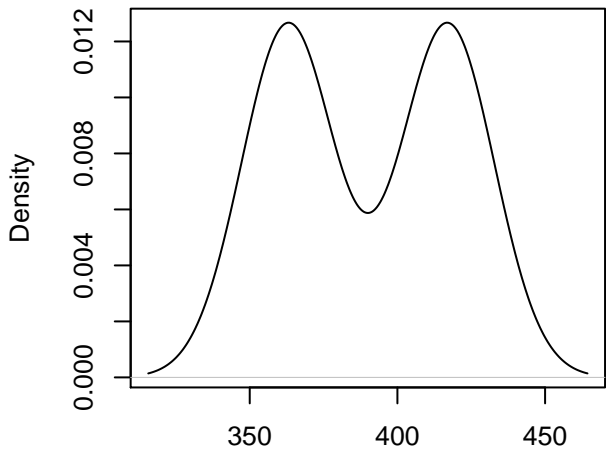
N = 4 Bandwidth = 22.27
breakpoint: 4649716 – 4649796 po-0 ct-1

line = MAGIC.446 , Chr = 3



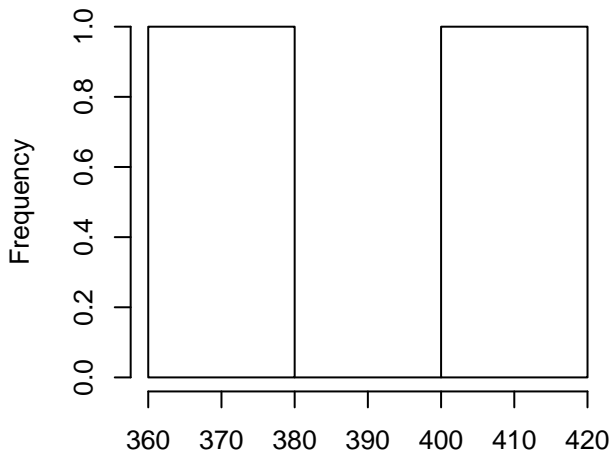
breakpoint: 4649716 – 4649796 po-0 ct-1

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



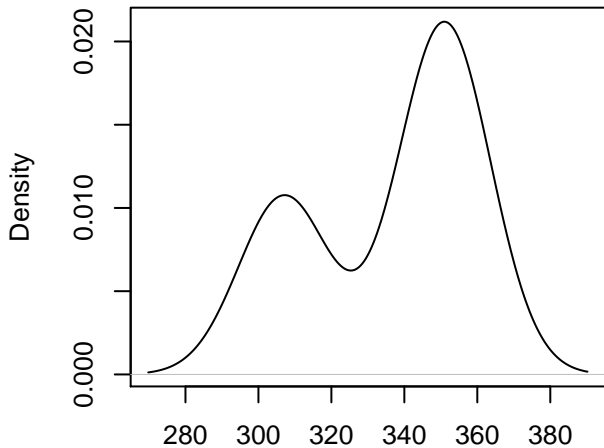
N = 2 Bandwidth = 15.79
breakpoint: 4987430 – 4987904 ct-1 rsch-4

line = MAGIC.446 , Chr = 3



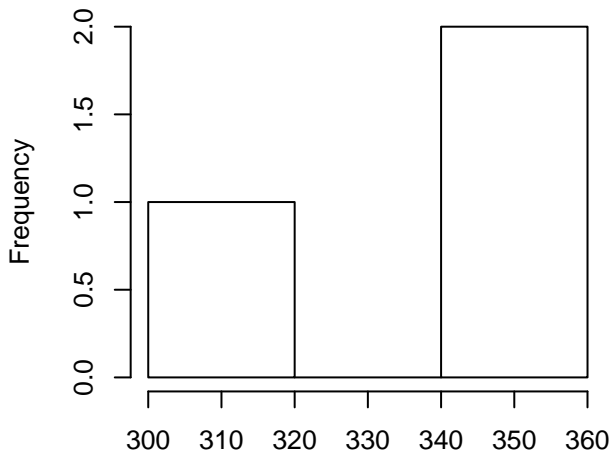
breakpoint: 4987430 – 4987904 ct-1 rsch-4

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



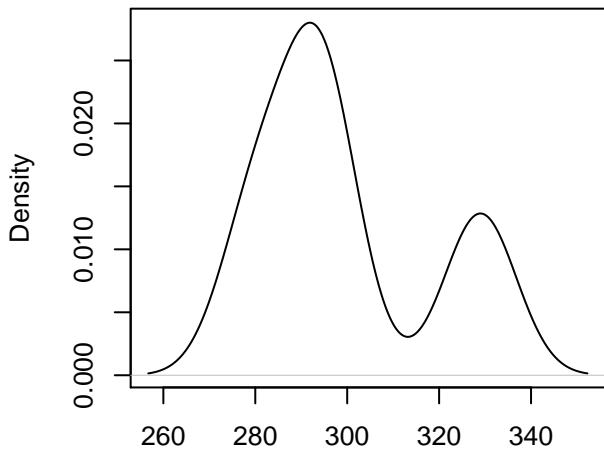
N = 3 Bandwidth = 12.4
breakpoint: 5256124 – 5256192 rsch-4 can-0

line = MAGIC.446 , Chr = 3



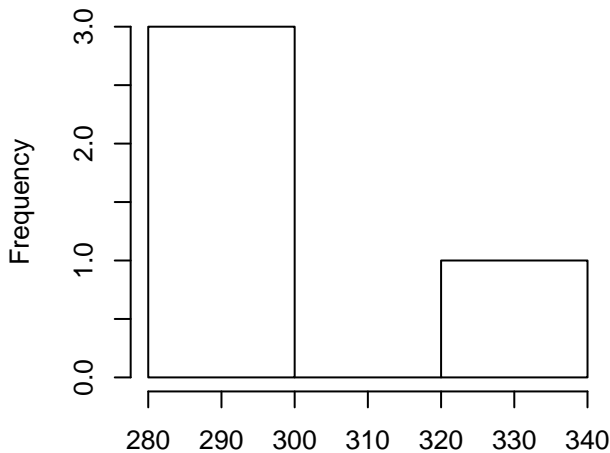
breakpoint: 5256124 – 5256192 rsch-4 can-0

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



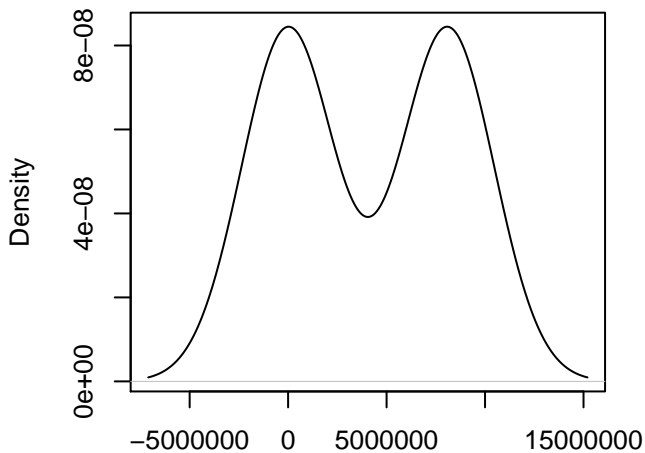
N = 4 Bandwidth = 7.762
breakpoint: 5495942 – 5495984 edi-0 rsch-4

line = MAGIC.446 , Chr = 3



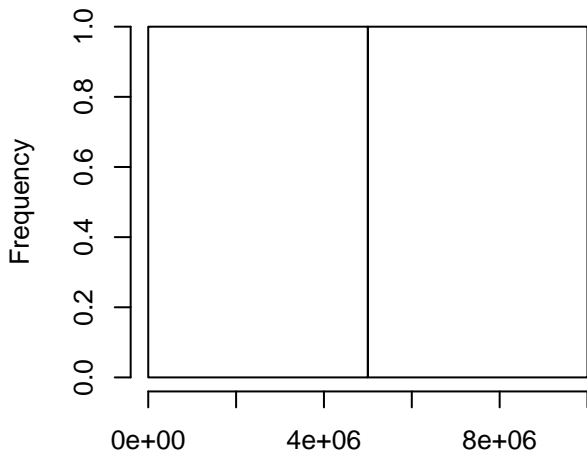
breakpoint: 5495942 – 5495984 edi-0 rsch-4

Bp = 51 line = MAGIC.446 , Chr = 3



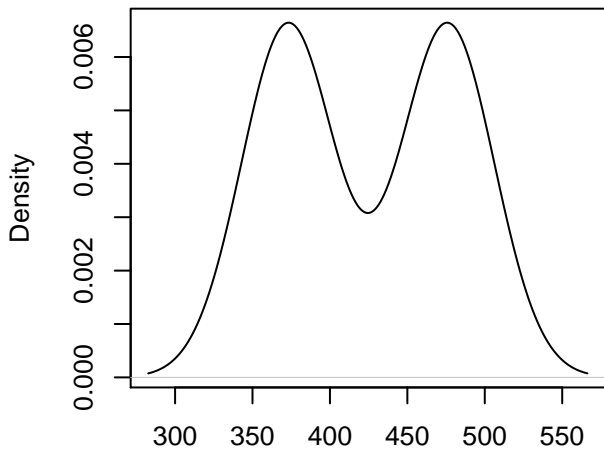
N = 2 Bandwidth = 2.368e+06
breakpoint: 5588937 - 5588949 rsch-4 zu-0

line = MAGIC.446 , Chr = 3



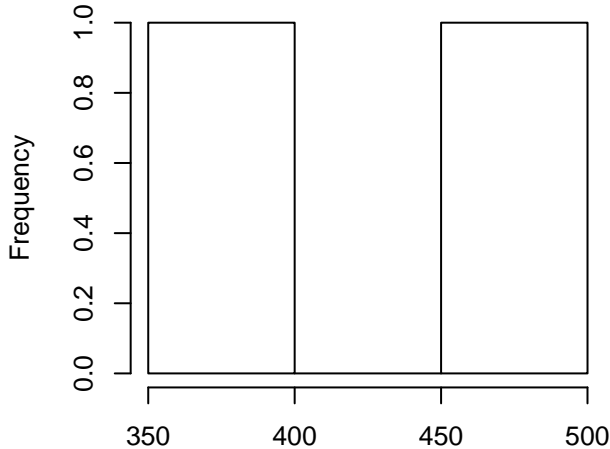
breakpoint: 5588937 - 5588949 rsch-4 zu-0

Bp = 52 line = MAGIC.446 , Chr = 3



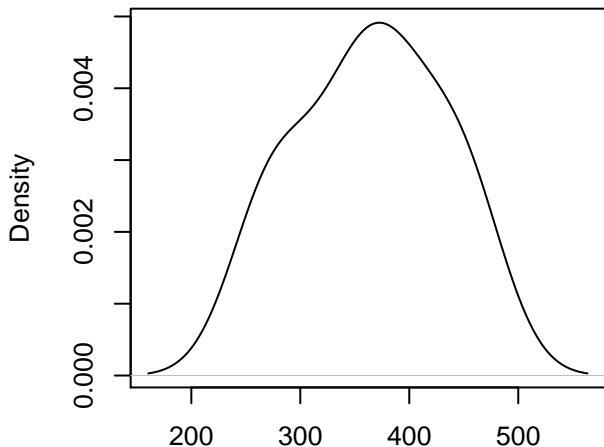
N = 2 Bandwidth = 30.11
breakpoint: 5642326 - 5642485 zu-0 bur-0

line = MAGIC.446 , Chr = 3



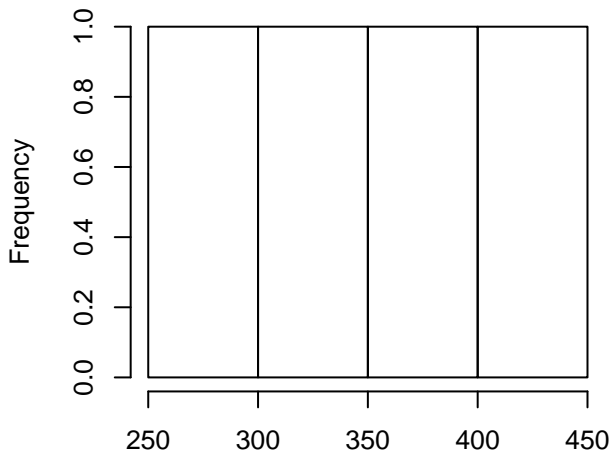
breakpoint: 5642326 - 5642485 zu-0 bur-0

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



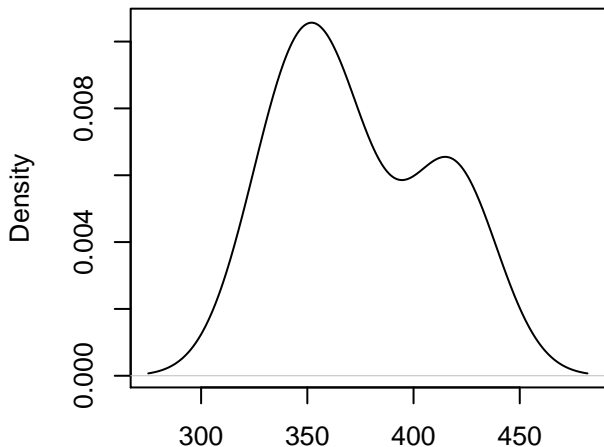
N = 4 Bandwidth = 38.18
breakpoint: 5693914 – 5693915 bur-0 po-0

line = MAGIC.446 , Chr = 3



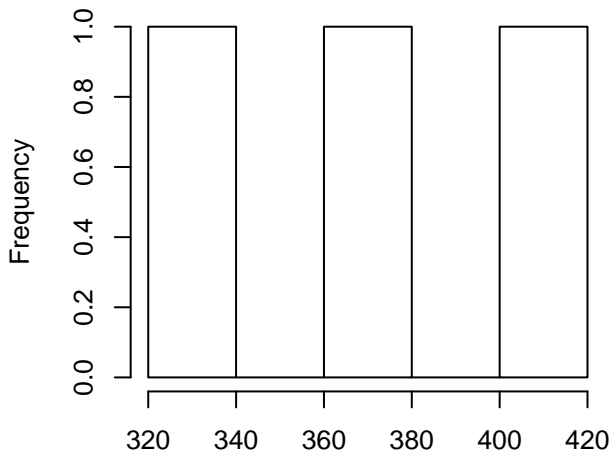
breakpoint: 5693914 – 5693915 bur-0 po-0

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



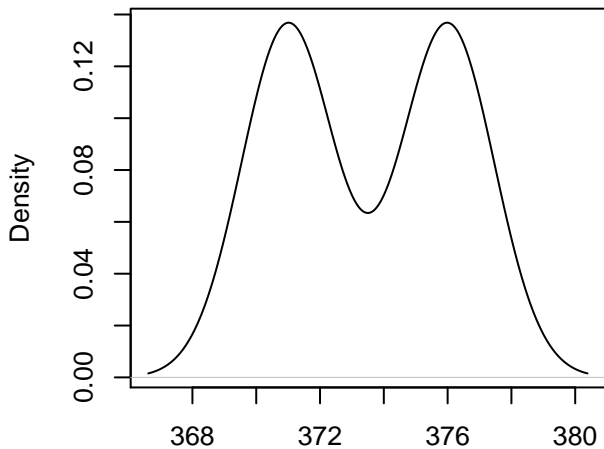
N = 3 Bandwidth = 21.3
breakpoint: 6445475 – 6445804 hi-0 bur-0

line = MAGIC.446 , Chr = 3



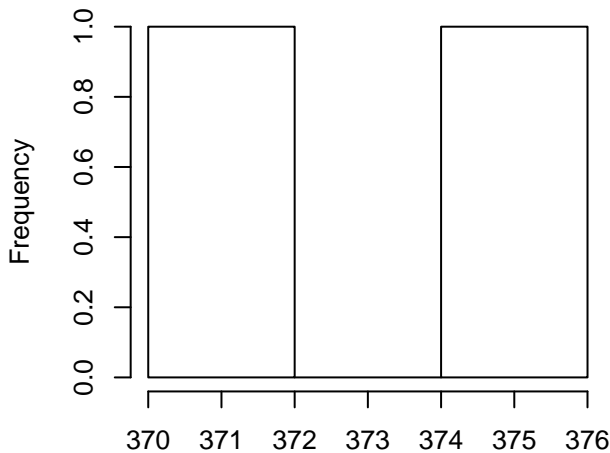
breakpoint: 6445475 – 6445804 hi-0 bur-0

Bp = 56 line = MAGIC.446 , Chr = 3



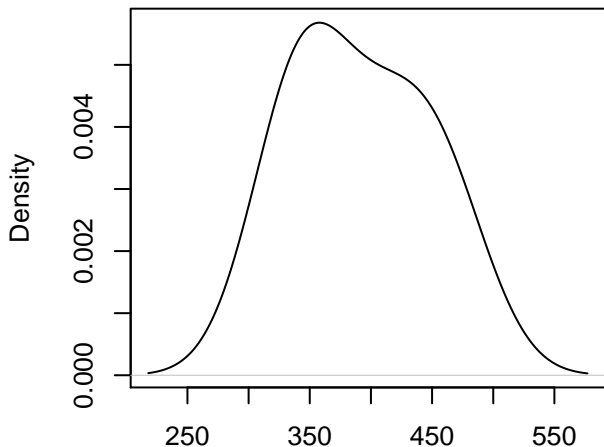
N = 2 Bandwidth = 1.462
breakpoint: 6490952 – 6490979 bur-0 hi-0

line = MAGIC.446 , Chr = 3



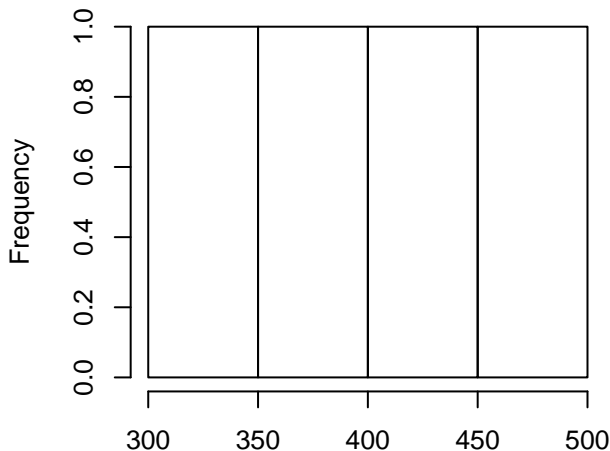
breakpoint: 6490952 – 6490979 bur-0 hi-0

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



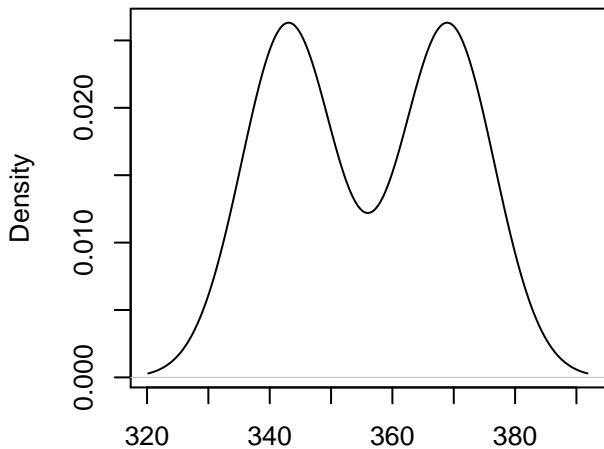
N = 4 Bandwidth = 38.68
breakpoint: 6497718 – 6497760 hi-0 po-0

line = MAGIC.446 , Chr = 3



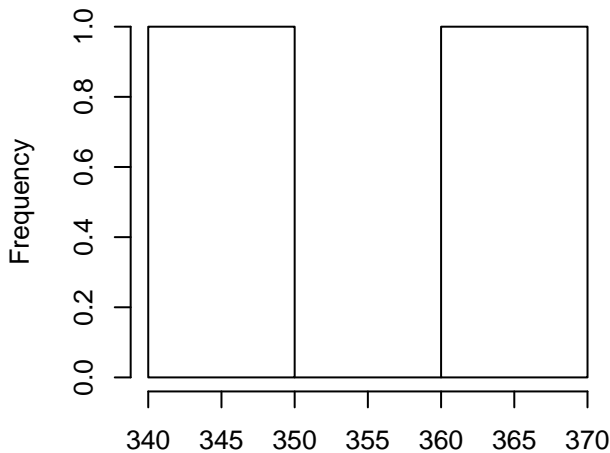
breakpoint: 6497718 – 6497760 hi-0 po-0

Bp = 58 line = MAGIC.446 , Chr = 3



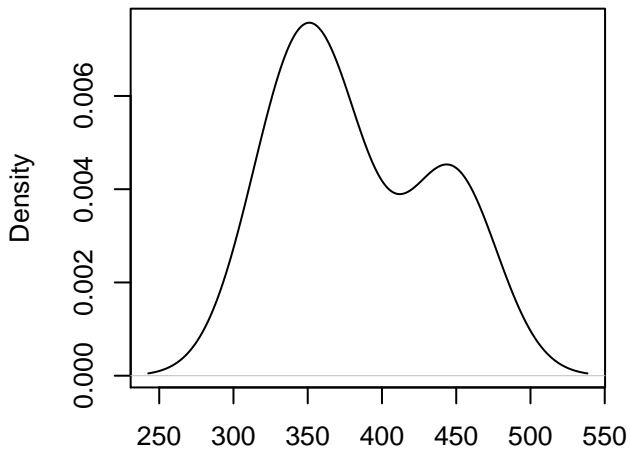
N = 2 Bandwidth = 7.601
breakpoint: 6618021 – 6618036 po-0 tsu-0

line = MAGIC.446 , Chr = 3



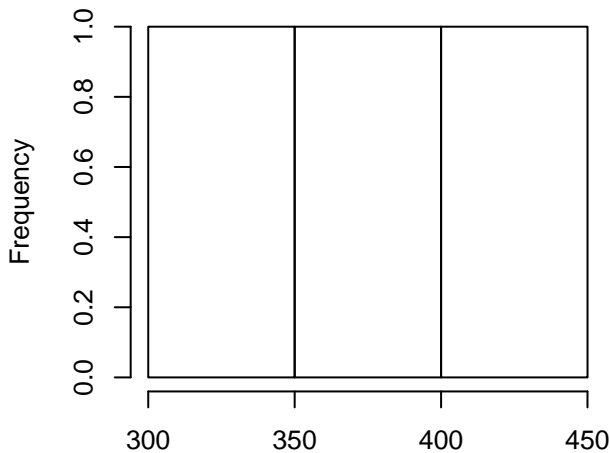
breakpoint: 6618021 – 6618036 po-0 tsu-0

Bp = 59 line = MAGIC.446 , Chr = 3



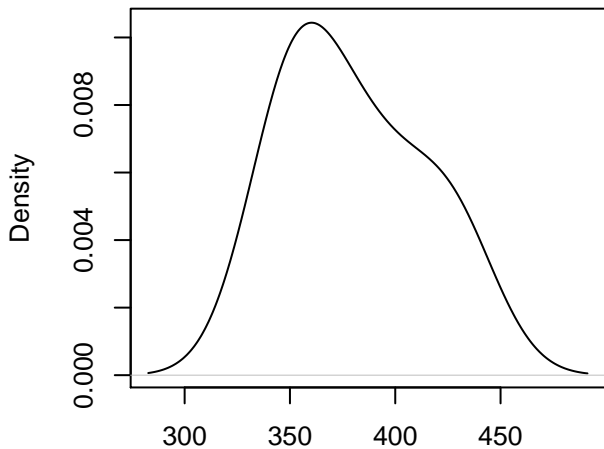
N = 3 Bandwidth = 30.46
breakpoint: 6651984 – 6652232 tsu-0 po-0

line = MAGIC.446 , Chr = 3



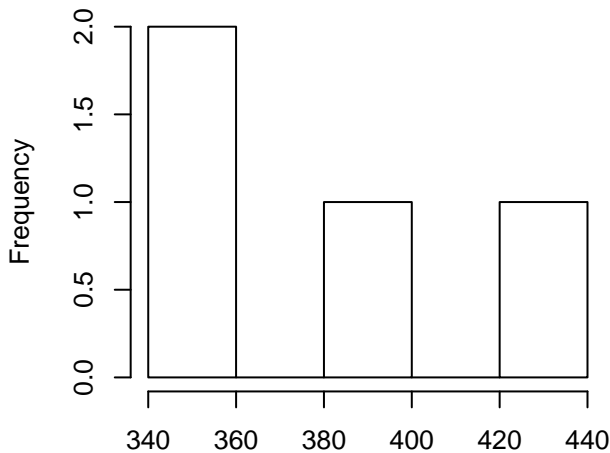
breakpoint: 6651984 – 6652232 tsu-0 po-0

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



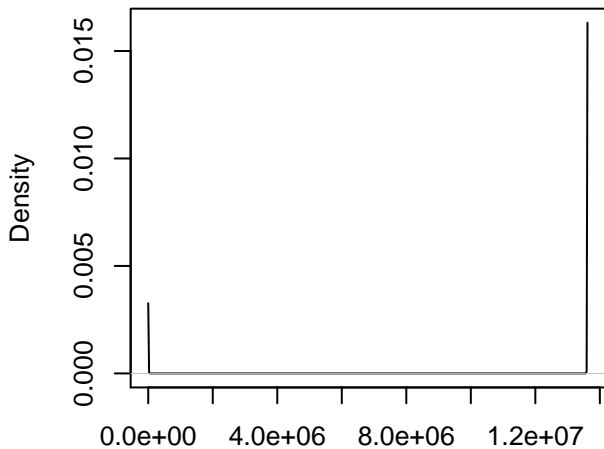
N = 4 Bandwidth = 21.76
breakpoint: 7069922 – 7070005 bur-0 po-0

line = MAGIC.446 , Chr = 3



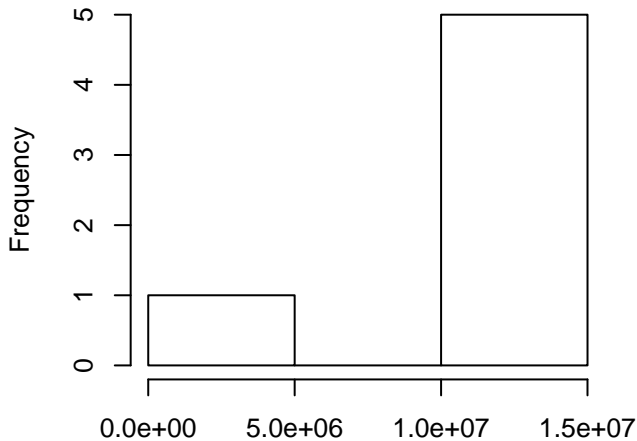
breakpoint: 7069922 – 7070005 bur-0 po-0

Bp = 62 line = MAGIC.446 , Chr = 3



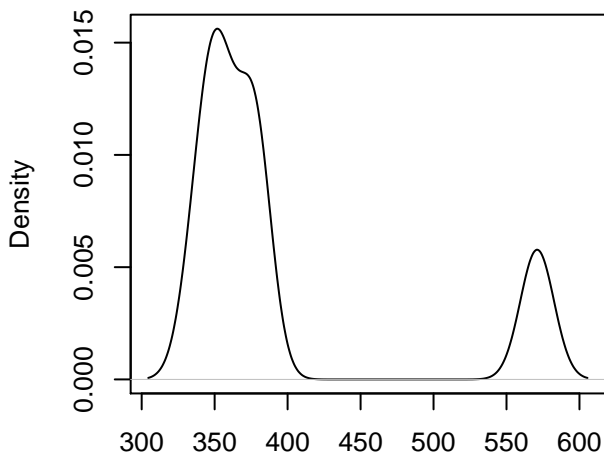
N = 6 Bandwidth = 20.18
breakpoint: 7109311 – 7109348 po-0 wu-0

line = MAGIC.446 , Chr = 3



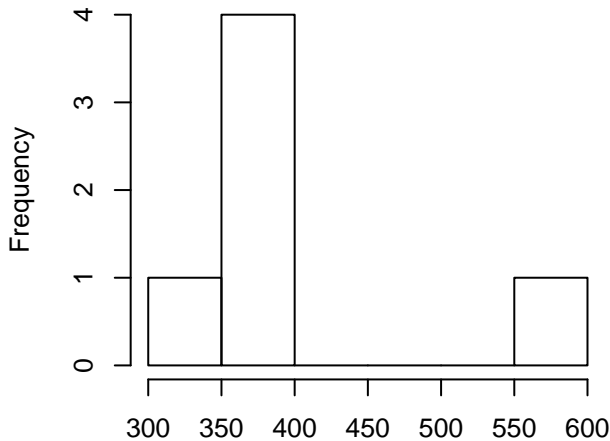
breakpoint: 7109311 – 7109348 po-0 wu-0

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



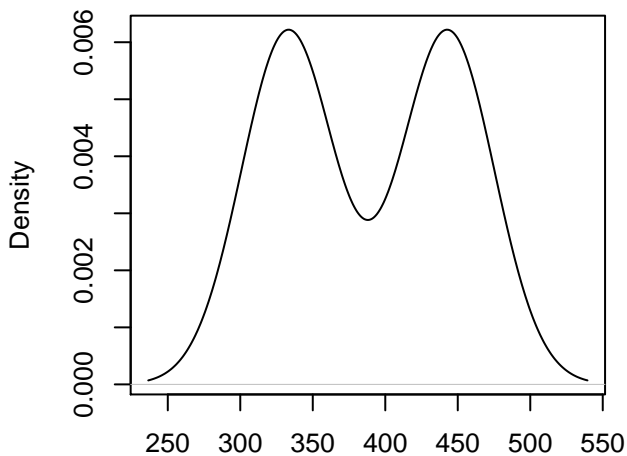
N = 6 Bandwidth = 11.5
breakpoint: 7359719 – 7359834 wu-0 ler-0

line = MAGIC.446 , Chr = 3



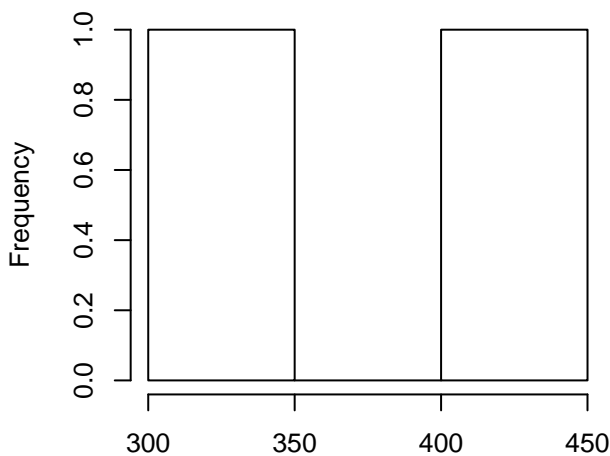
breakpoint: 7359719 – 7359834 wu-0 ler-0

Bp = 66 line = MAGIC.446 , Chr = 3



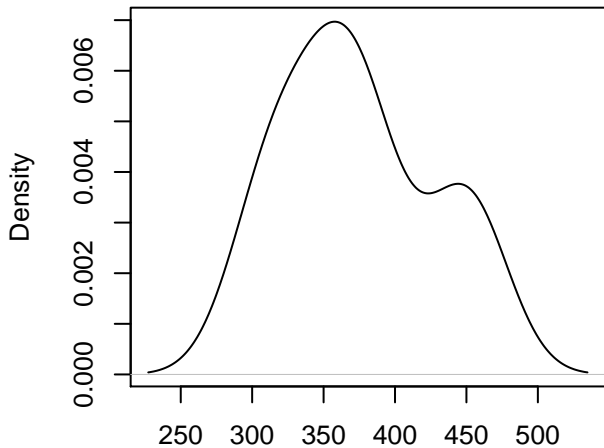
N = 2 Bandwidth = 32.16
breakpoint: 16395216 – 16395217 col-0 sf-2

line = MAGIC.446 , Chr = 3



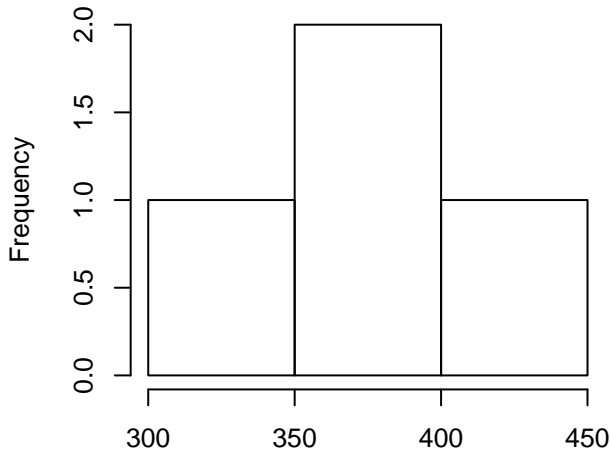
breakpoint: 16395216 – 16395217 col-0 sf-2

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



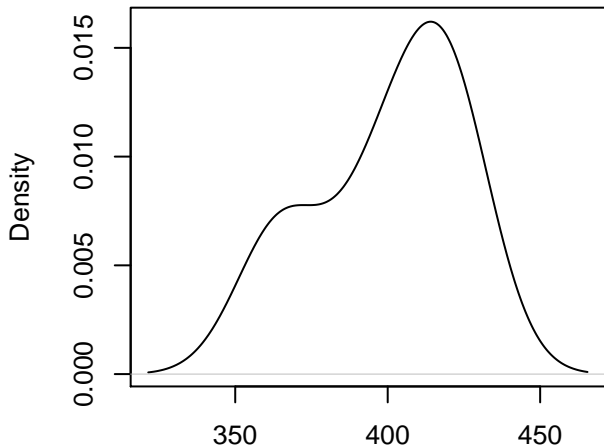
N = 4 Bandwidth = 28.25
breakpoint: 17634417 – 17634485 sf-2 rsch-4

line = MAGIC.446 , Chr = 3



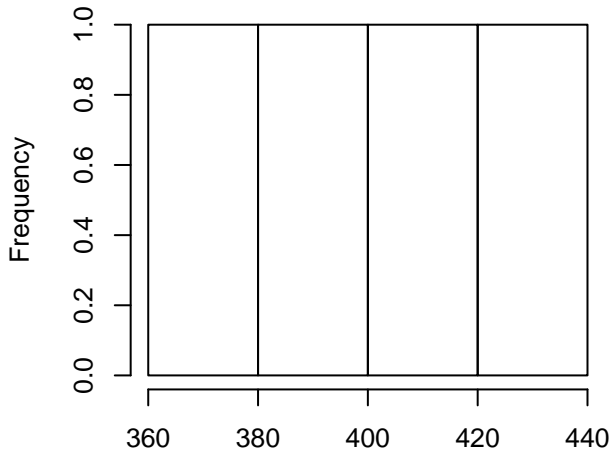
breakpoint: 17634417 – 17634485 sf-2 rsch-4

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



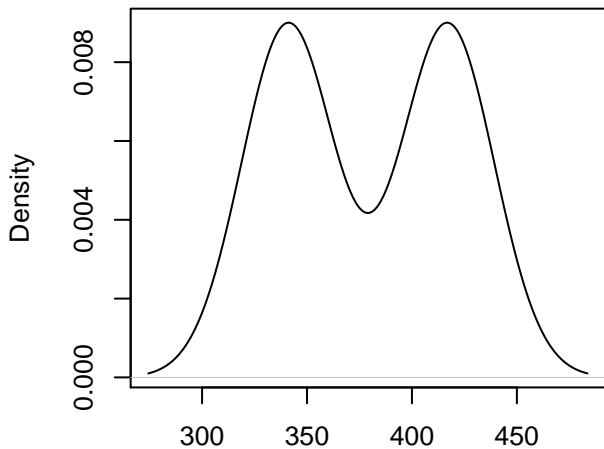
N = 4 Bandwidth = 14.51
breakpoint: 22594702 – 22594708 sf-2 rsch-4

line = MAGIC.446 , Chr = 3



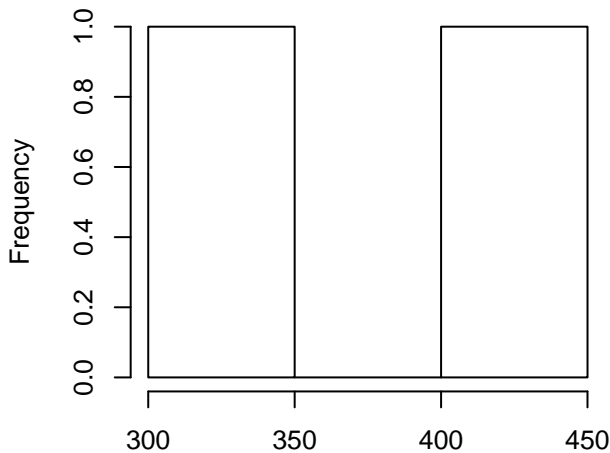
breakpoint: 22594702 – 22594708 sf-2 rsch-4

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



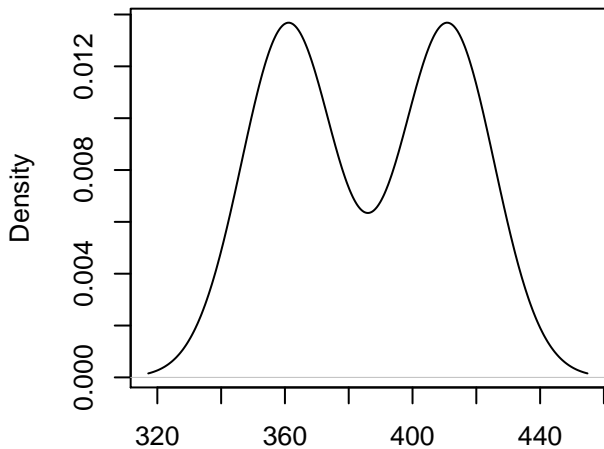
N = 2 Bandwidth = 22.22
breakpoint: 23361259 – 23361263 rsch-4 ler-0

line = MAGIC.446 , Chr = 3



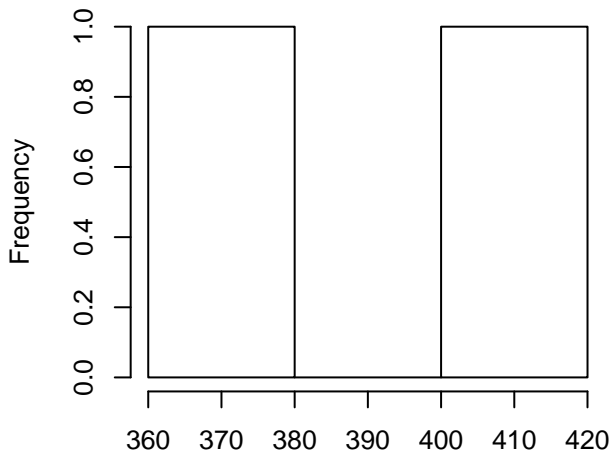
breakpoint: 23361259 – 23361263 rsch-4 ler-0

Bp = 72 line = MAGIC.446 , Chr = 4



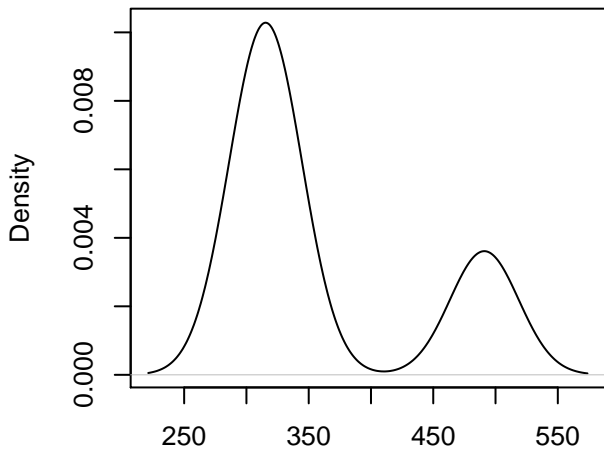
N = 2 Bandwidth = 14.62
breakpoint: 847651 – 847871 kn-0 po-0

line = MAGIC.446 , Chr = 4



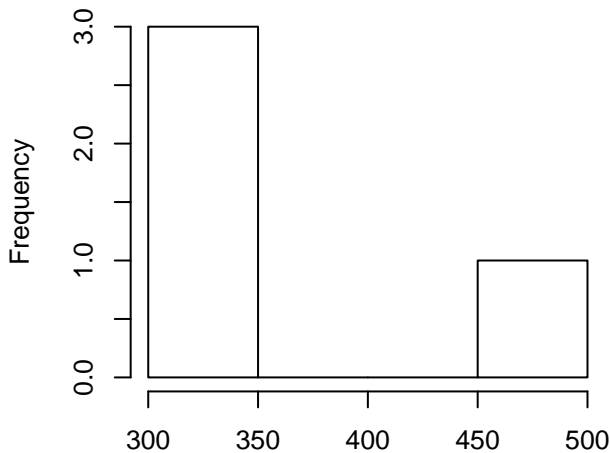
breakpoint: 847651 – 847871 kn-0 po-0

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



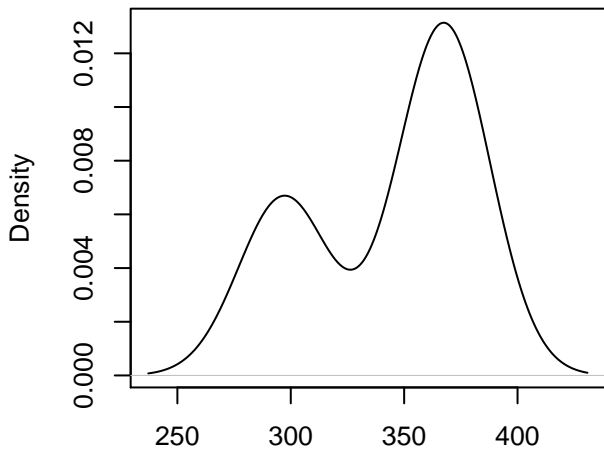
N = 4 Bandwidth = 27.61
breakpoint: 1027588 – 1027593 po-0 bur-0

line = MAGIC.446 , Chr = 4



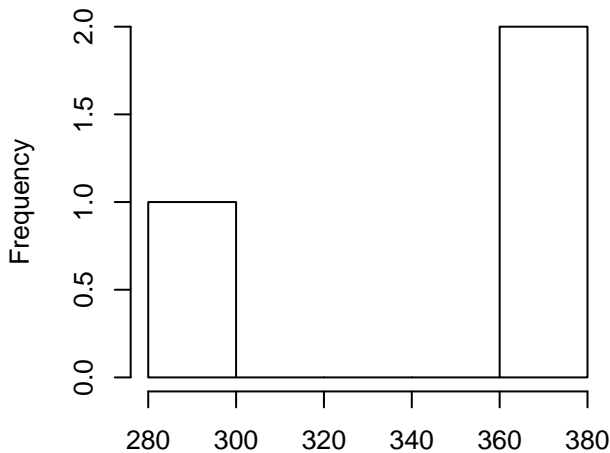
breakpoint: 1027588 – 1027593 po-0 bur-0

Bp = 75 line = MAGIC.446 , Chr = 4



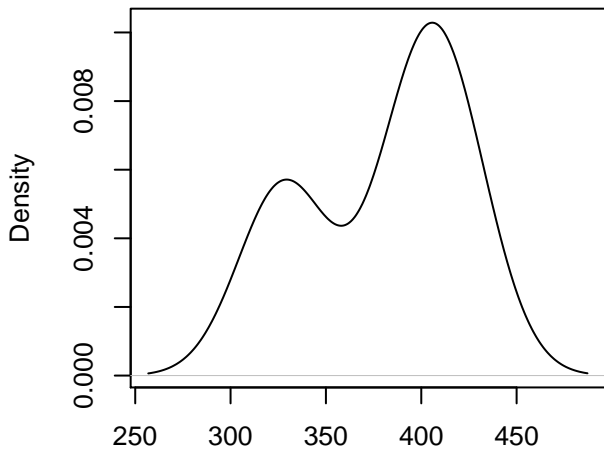
N = 3 Bandwidth = 19.95
breakpoint: 1245071 – 1245093 col-0 rsch-4

line = MAGIC.446 , Chr = 4



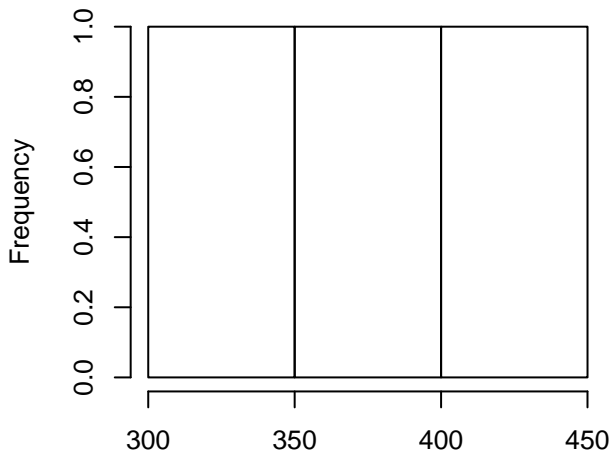
breakpoint: 1245071 – 1245093 col-0 rsch-4

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



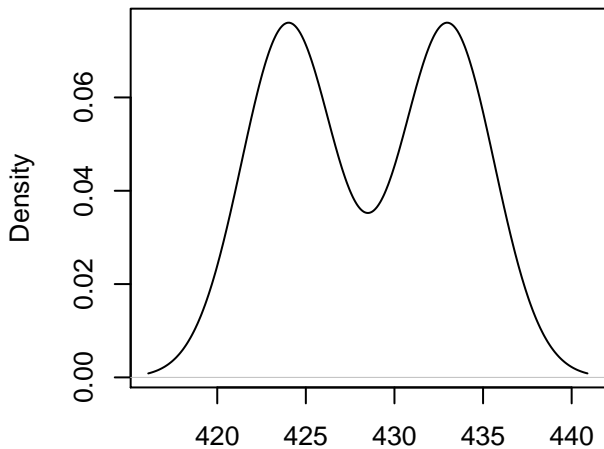
N = 3 Bandwidth = 23.72
breakpoint: 1460031 – 1460046 rsch-4 po-0

line = MAGIC.446 , Chr = 4



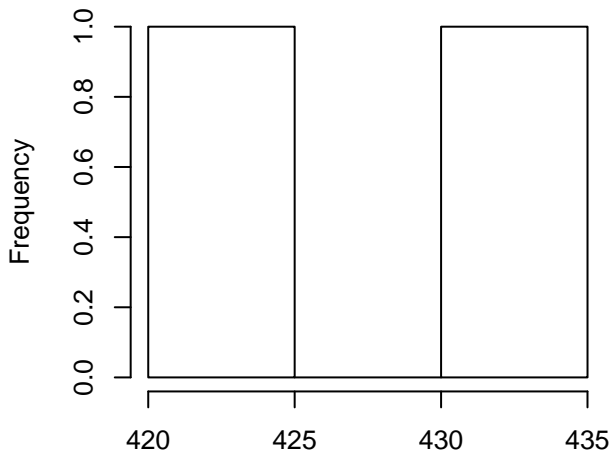
breakpoint: 1460031 – 1460046 rsch-4 po-0

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



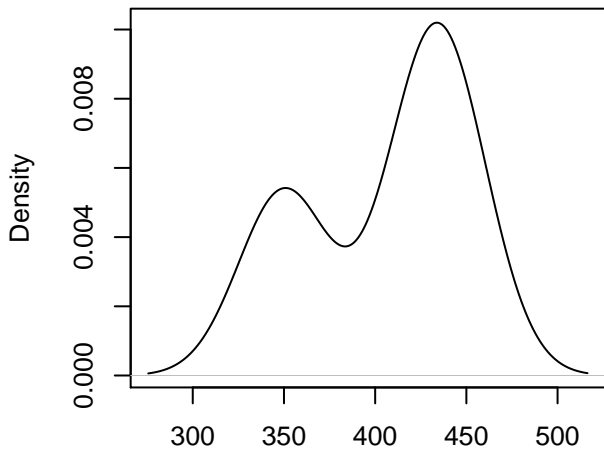
N = 2 Bandwidth = 2.631
breakpoint: 1563789 – 1563790 rsch-4 po-0

line = MAGIC.446 , Chr = 4



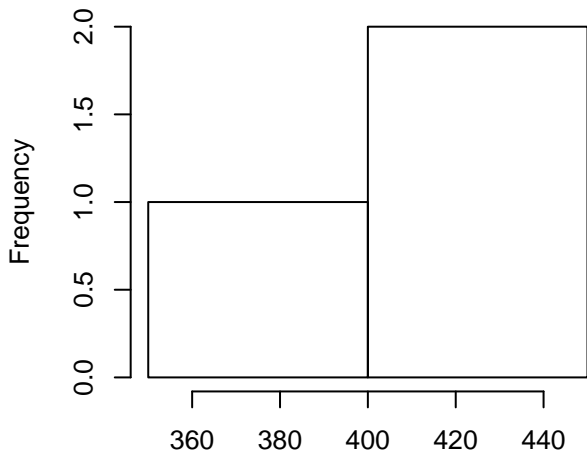
breakpoint: 1563789 – 1563790 rsch-4 po-0

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



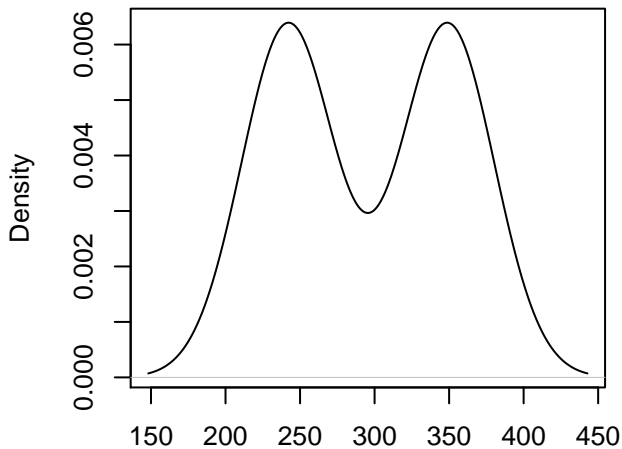
N = 3 Bandwidth = 24.8
breakpoint: 1655292 – 1655362 po-0 wu-0

line = MAGIC.446 , Chr = 4



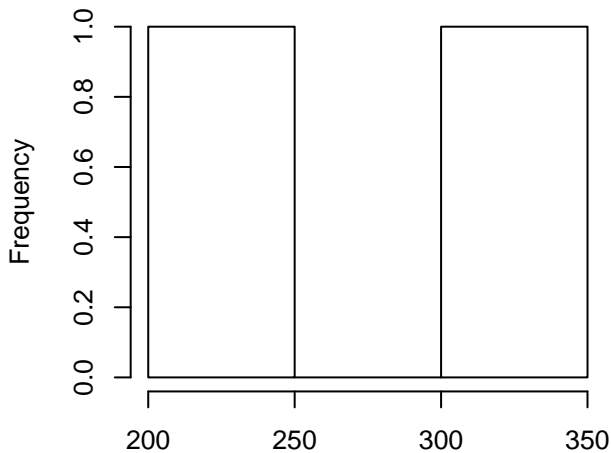
breakpoint: 1655292 – 1655362 po-0 wu-0

Bp = 81 line = MAGIC.446 , Chr = 4



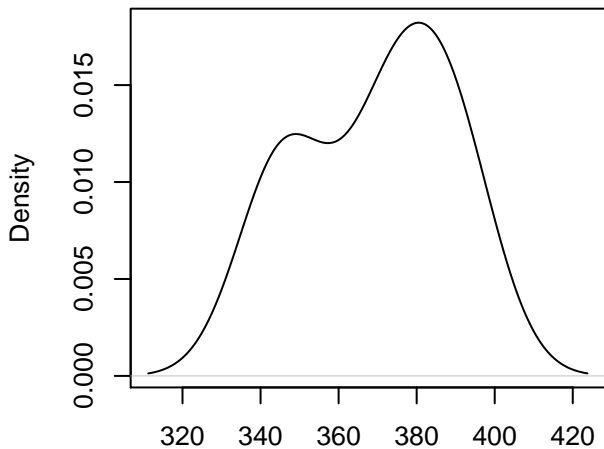
N = 2 Bandwidth = 31.28
breakpoint: 1930545 – 1930567 sf-2 wu-0

line = MAGIC.446 , Chr = 4



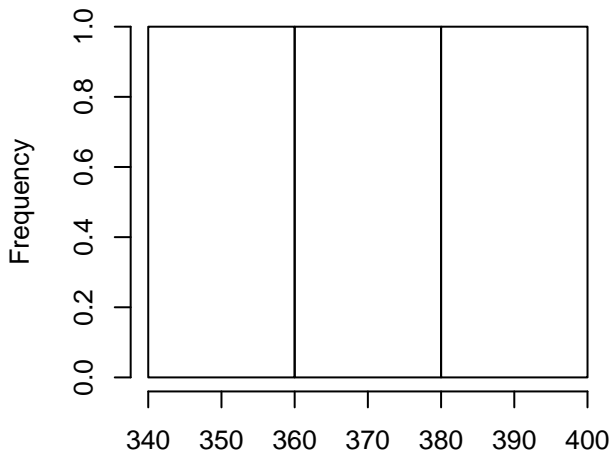
breakpoint: 1930545 – 1930567 sf-2 wu-0

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



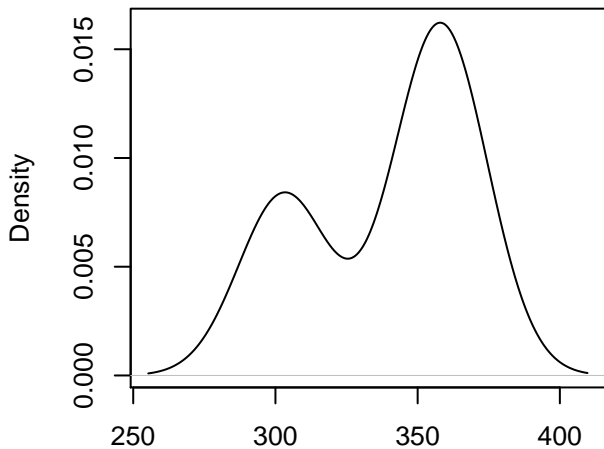
N = 3 Bandwidth = 11.59
breakpoint: 2198157 – 2198303 wu-0 tsu-0

line = MAGIC.446 , Chr = 4



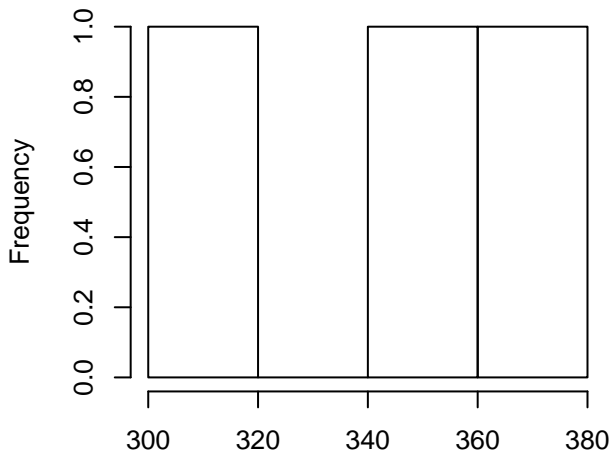
breakpoint: 2198157 – 2198303 wu-0 tsu-0

Bp = 84 line = MAGIC.446 , Chr = 4



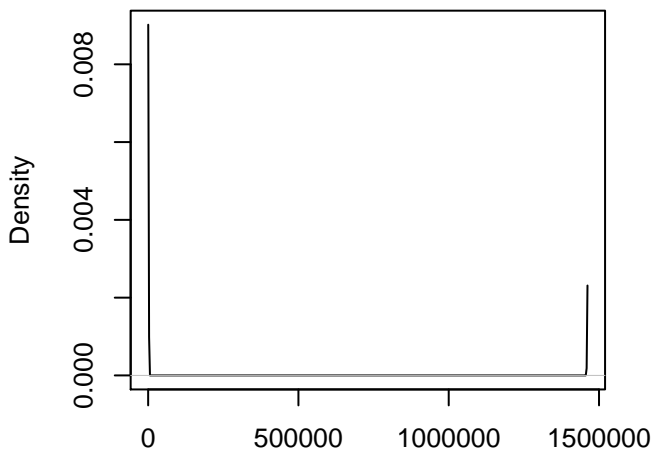
N = 3 Bandwidth = 15.91
breakpoint: 2418330 – 2418386 edi-0 wu-0

line = MAGIC.446 , Chr = 4



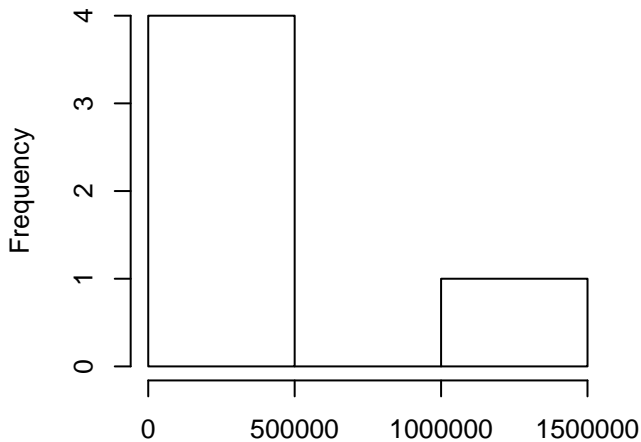
breakpoint: 2418330 – 2418386 edi-0 wu-0

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



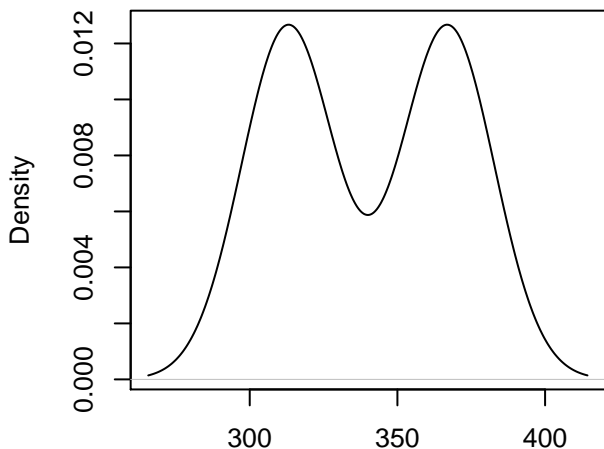
N = 5 Bandwidth = 30.67
breakpoint: 2489550 – 2489583 wu-0 po-0

line = MAGIC.446 , Chr = 4



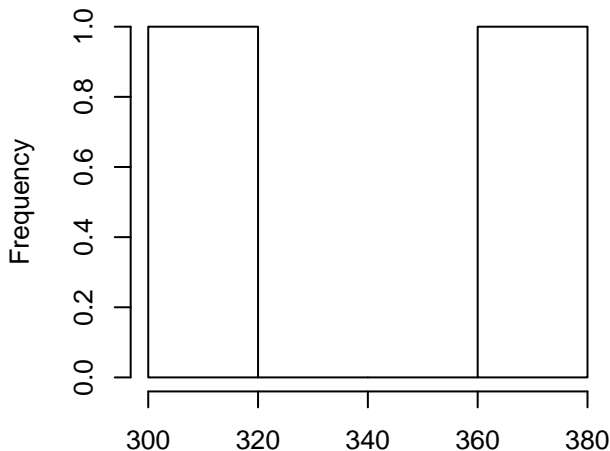
breakpoint: 2489550 – 2489583 wu-0 po-0

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



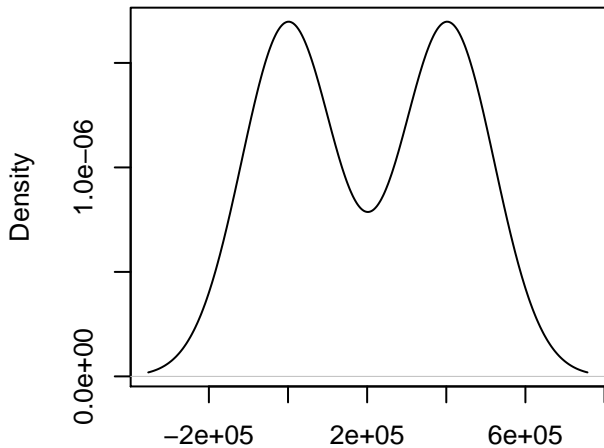
N = 2 Bandwidth = 15.79
breakpoint: 2782570 – 2782662 zu-0 wu-0

line = MAGIC.446 , Chr = 4



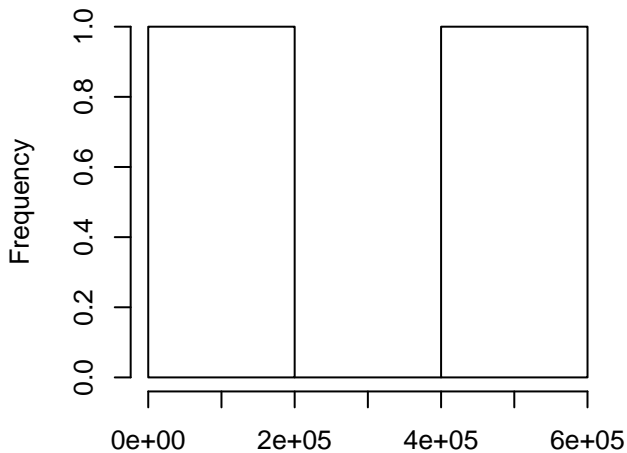
breakpoint: 2782570 – 2782662 zu-0 wu-0

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



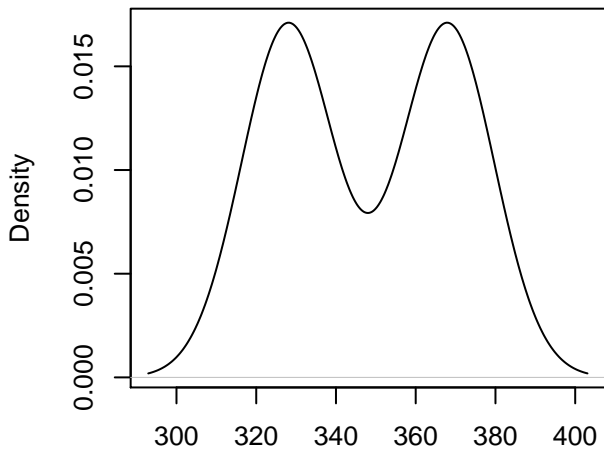
N = 2 Bandwidth = 1.178e+05
breakpoint: 4110294 – 4110357 wu-0 oy-0

line = MAGIC.446 , Chr = 4



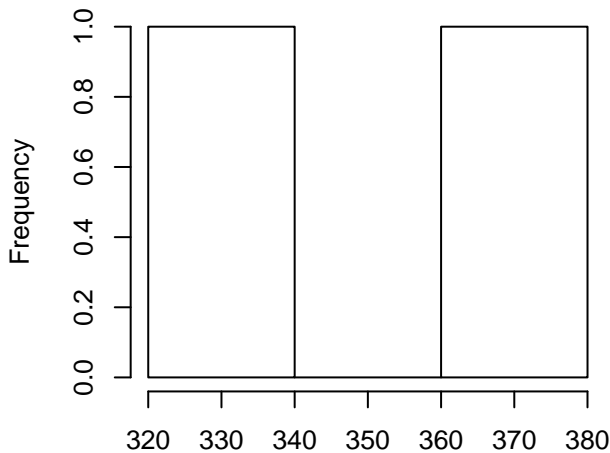
breakpoint: 4110294 – 4110357 wu-0 oy-0

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



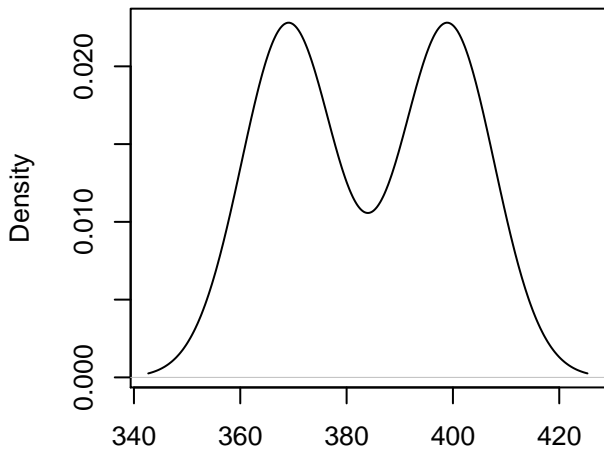
N = 2 Bandwidth = 11.69
breakpoint: 4127968 – 4127977 oy-0 wu-0

line = MAGIC.446 , Chr = 4



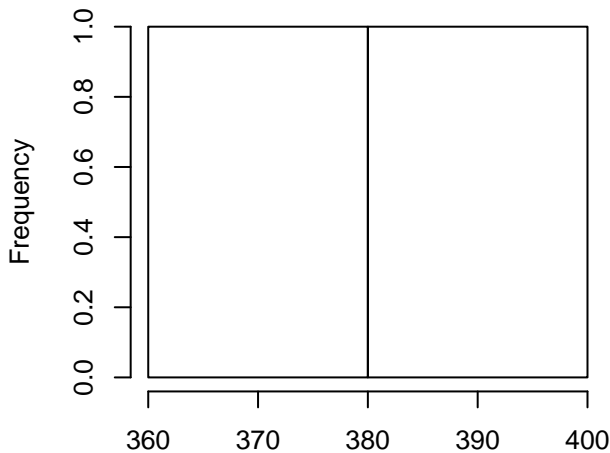
breakpoint: 4127968 – 4127977 oy-0 wu-0

Bp = 91 line = MAGIC.446 , Chr = 4



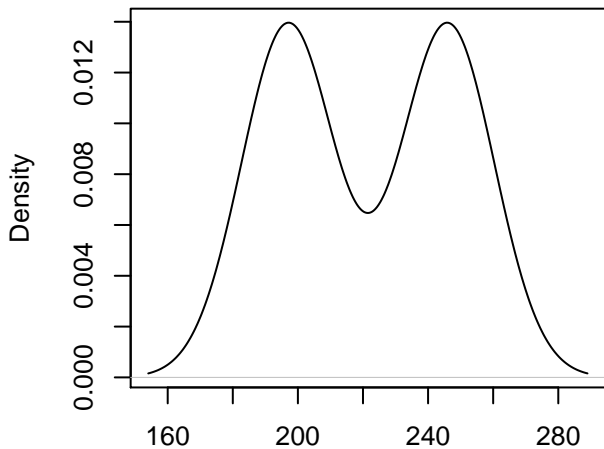
N = 2 Bandwidth = 8.77
breakpoint: 4551668 – 4551712 kn-0 wu-0

line = MAGIC.446 , Chr = 4



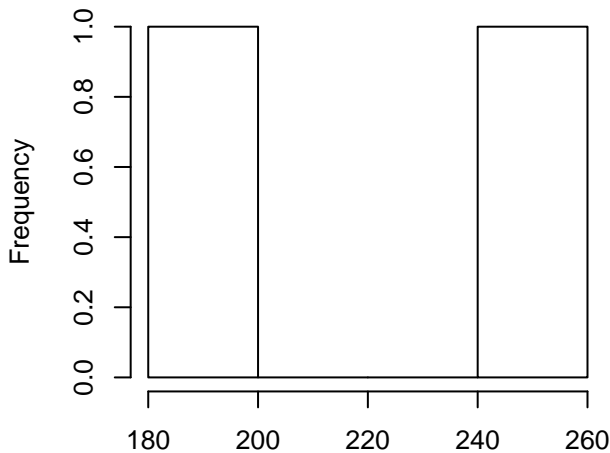
breakpoint: 4551668 – 4551712 kn-0 wu-0

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



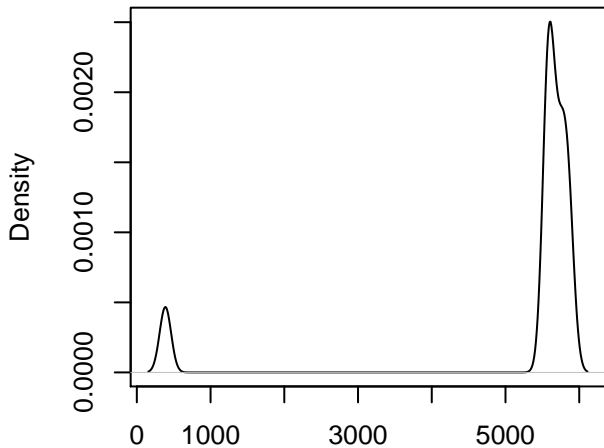
N = 2 Bandwidth = 14.33
breakpoint: 4636543 – 4636549 can-0 rsch-4

line = MAGIC.446 , Chr = 4



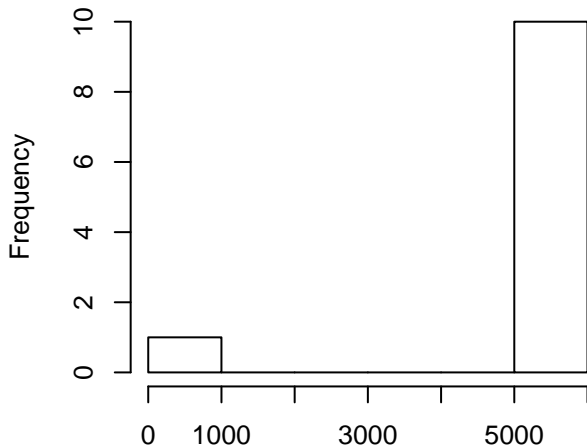
breakpoint: 4636543 – 4636549 can-0 rsch-4

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



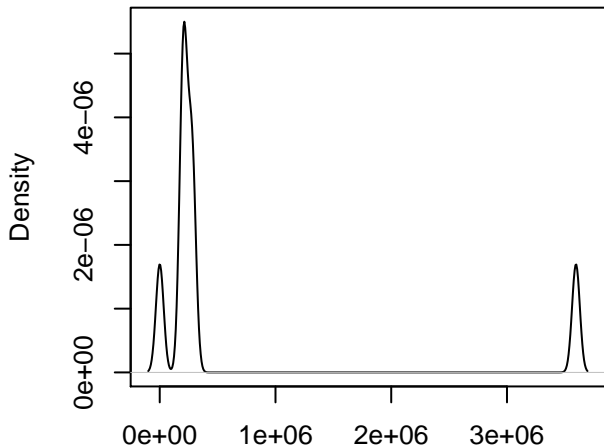
N = 11 Bandwidth = 77.33
breakpoint: 4705706 – 4705716 rsch-4 ler-0

line = MAGIC.446 , Chr = 4



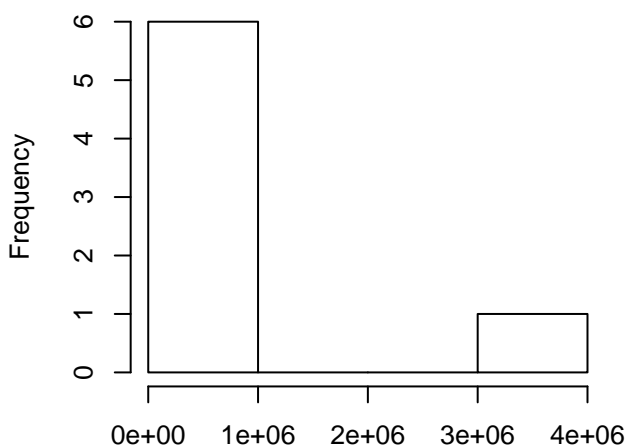
breakpoint: 4705706 – 4705716 rsch-4 ler-0

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



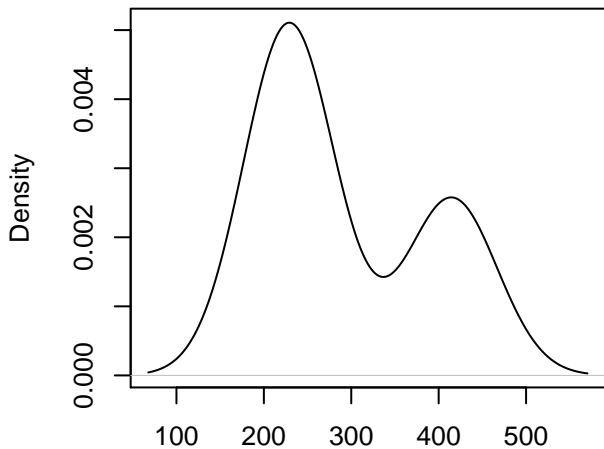
N = 7 Bandwidth = 3.324e+04
breakpoint: 4739480 – 4739497 ler-0 bur-0

line = MAGIC.446 , Chr = 4



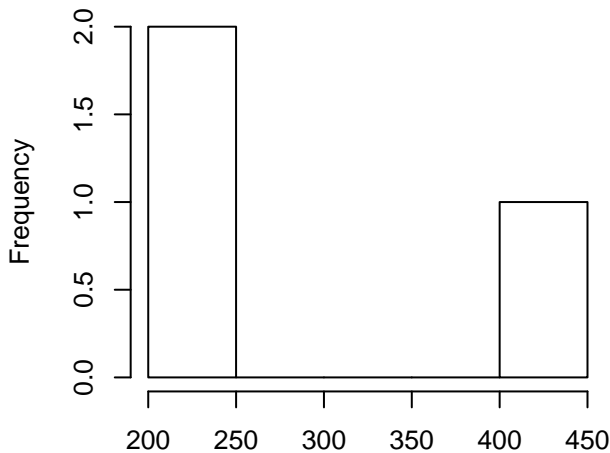
breakpoint: 4739480 – 4739497 ler-0 bur-0

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



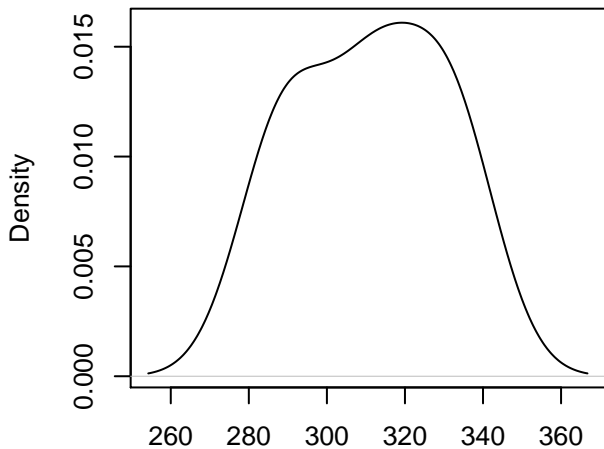
N = 3 Bandwidth = 51.76
breakpoint: 4773667 – 4773698 bur-0 po-0

line = MAGIC.446 , Chr = 4



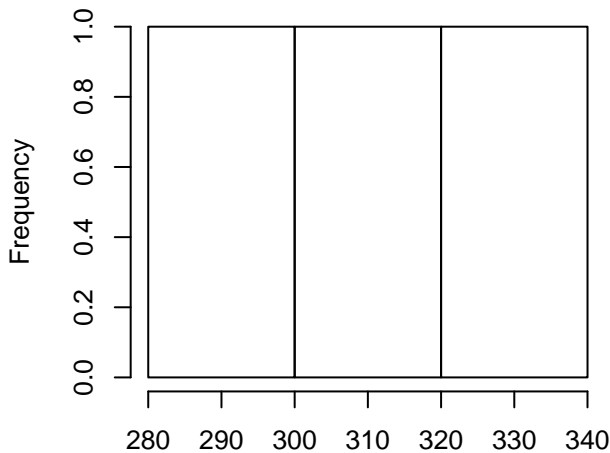
breakpoint: 4773667 – 4773698 bur-0 po-0

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



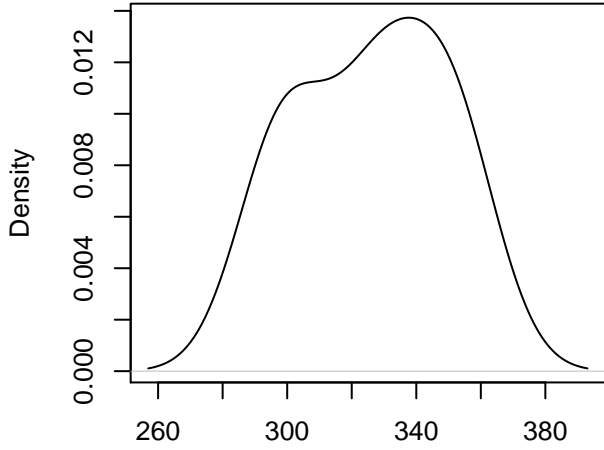
N = 3 Bandwidth = 11.59
breakpoint: 6288484 – 6288503 po-0 ler-0

line = MAGIC.446 , Chr = 4



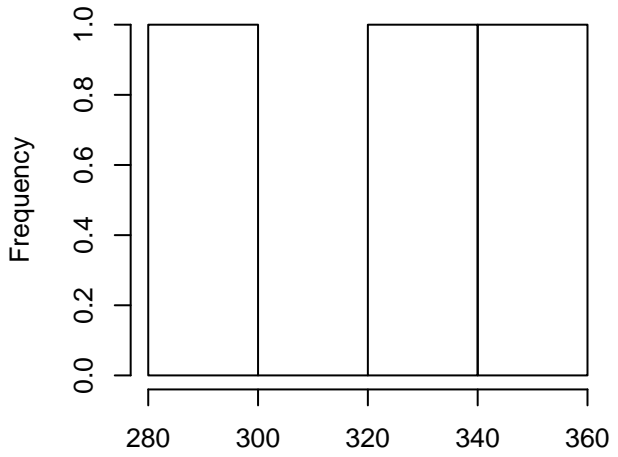
breakpoint: 6288484 – 6288503 po-0 ler-0

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



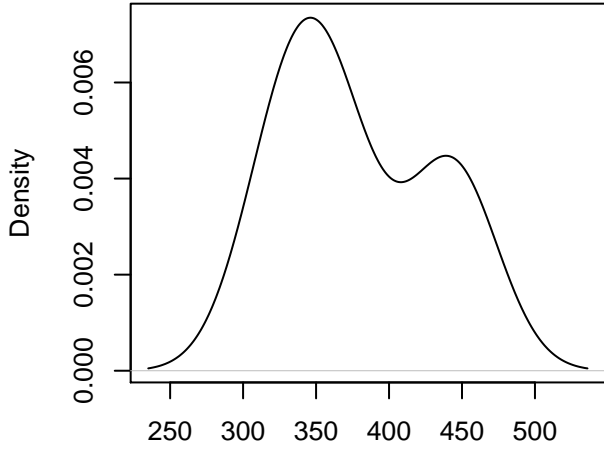
N = 3 Bandwidth = 14.02
breakpoint: 11021976 – 11021981 ler-0 mt-0

line = MAGIC.446 , Chr = 4



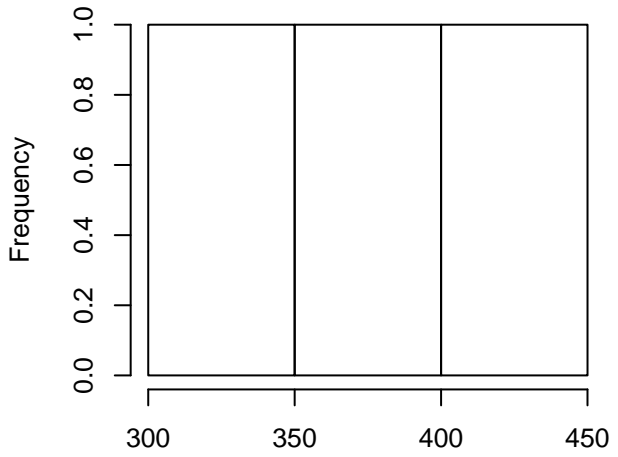
breakpoint: 11021976 – 11021981 ler-0 mt-0

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



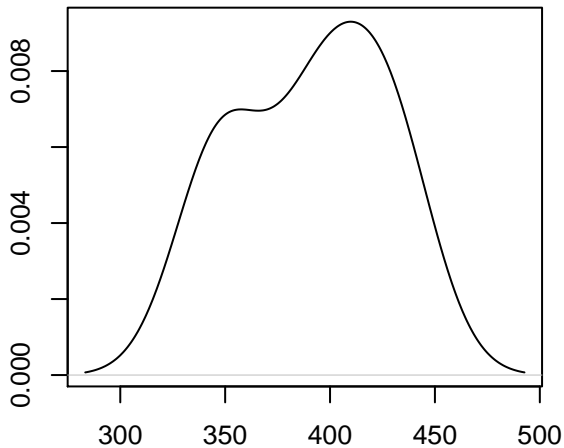
N = 3 Bandwidth = 31
breakpoint: 11148548 – 11148573 mt-0 ler-0

line = MAGIC.446 , Chr = 4



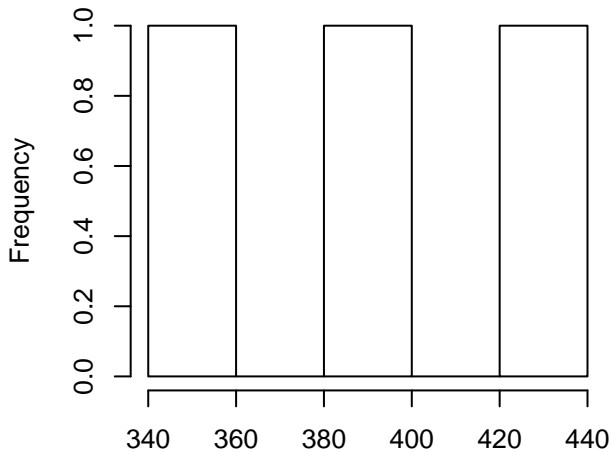
breakpoint: 11148548 – 11148573 mt-0 ler-0

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



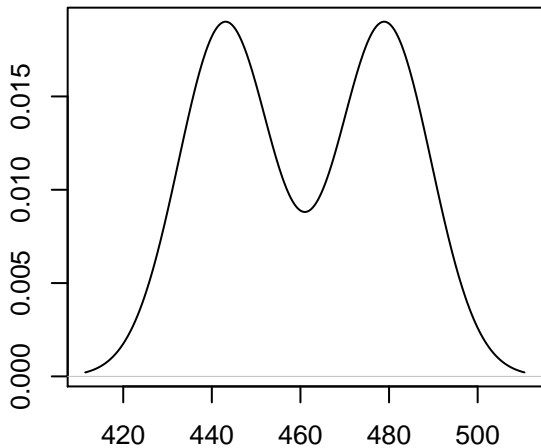
N = 3 Bandwidth = 21.57
breakpoint: 2190517 – 2190787 ler=0 hi=0

line = MAGIC.446 , Chr = 5



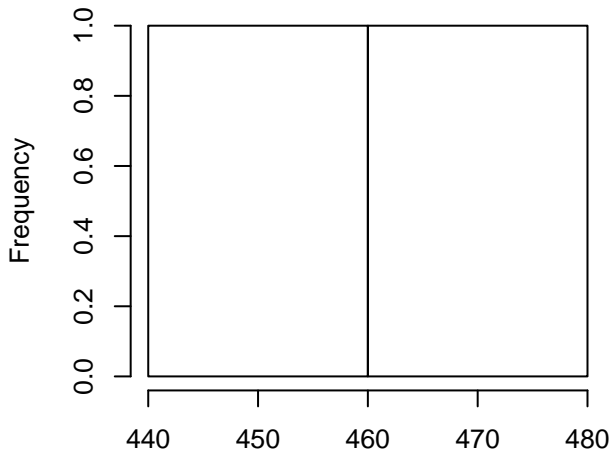
breakpoint: 2190517 – 2190787 ler=0 hi=0

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



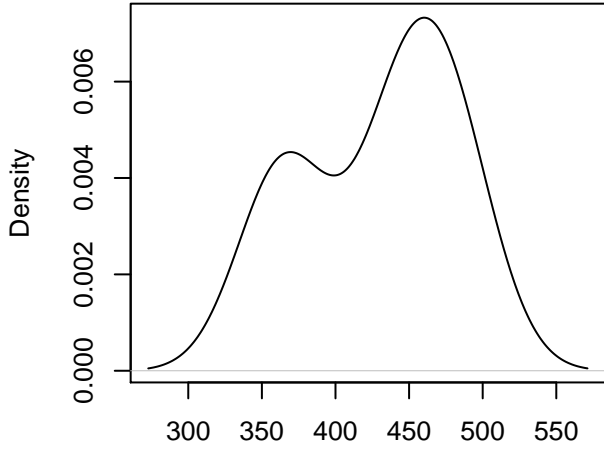
N = 2 Bandwidth = 10.52
breakpoint: 5665838 – 5665839 hi=0 mt=0

line = MAGIC.446 , Chr = 5



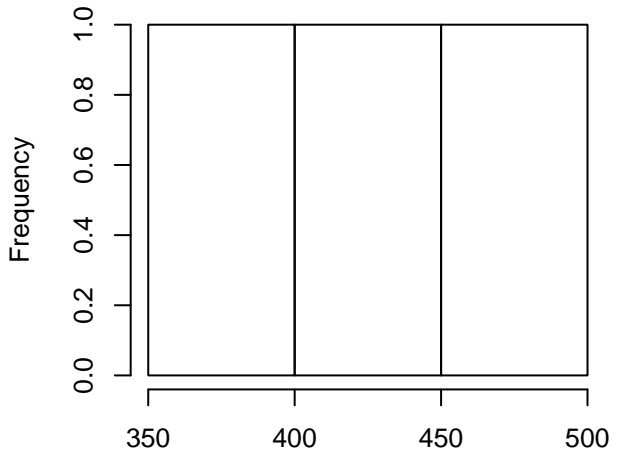
breakpoint: 5665838 – 5665839 hi=0 mt=0

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



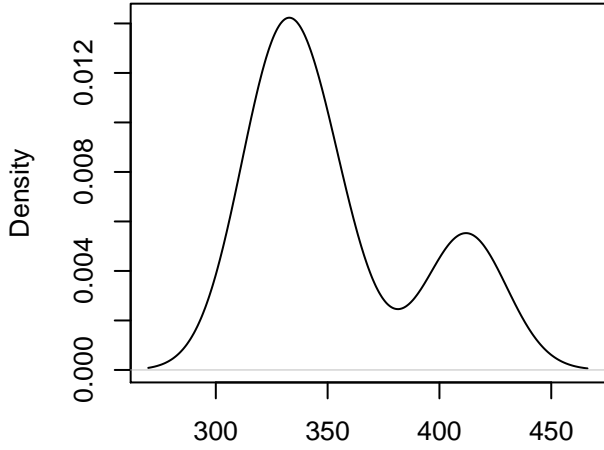
N = 3 Bandwidth = 30.73
breakpoint: 5666136 – 5666164 mt-0 hi-0

line = MAGIC.446 , Chr = 5



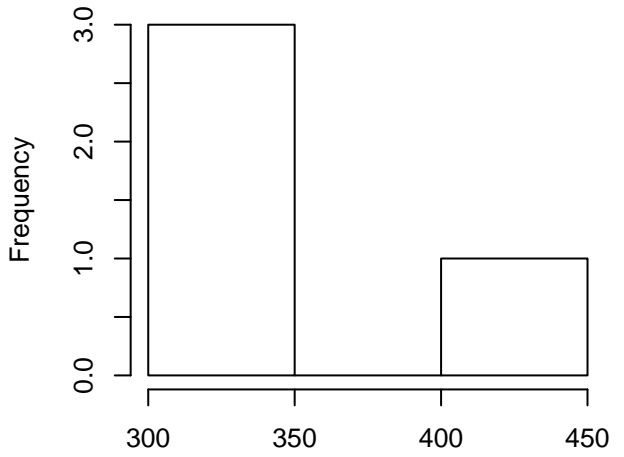
breakpoint: 5666136 – 5666164 mt-0 hi-0

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



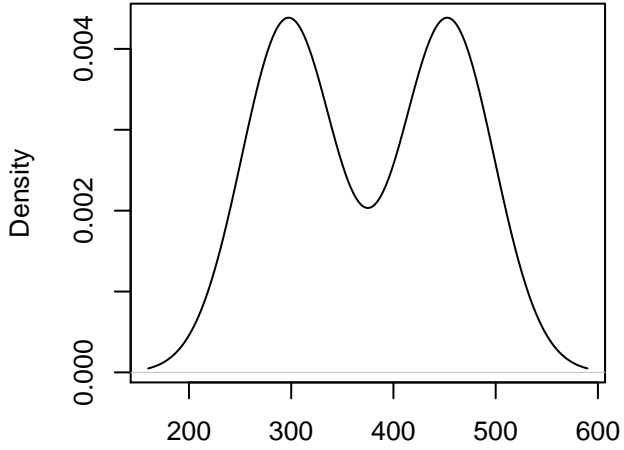
N = 4 Bandwidth = 18.07
breakpoint: 10812871 – 10812936 hi-0 rsch-4

line = MAGIC.446 , Chr = 5

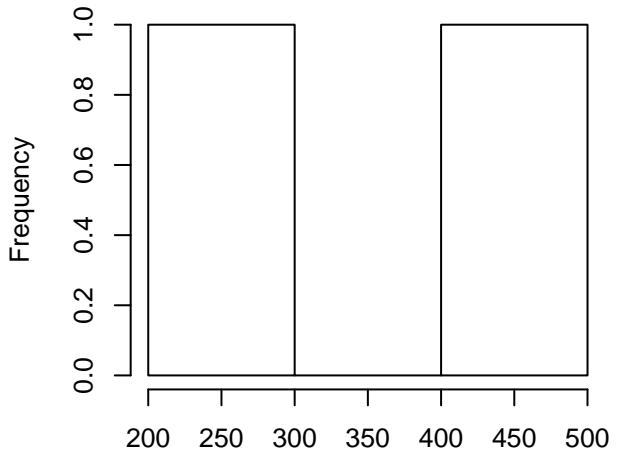


breakpoint: 10812871 – 10812936 hi-0 rsch-4

Bp = 107 line = MAGIC.446 , Chr = 5



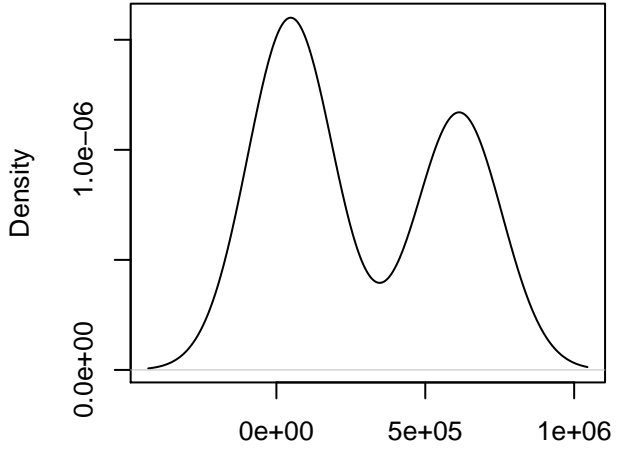
line = MAGIC.446 , Chr = 5



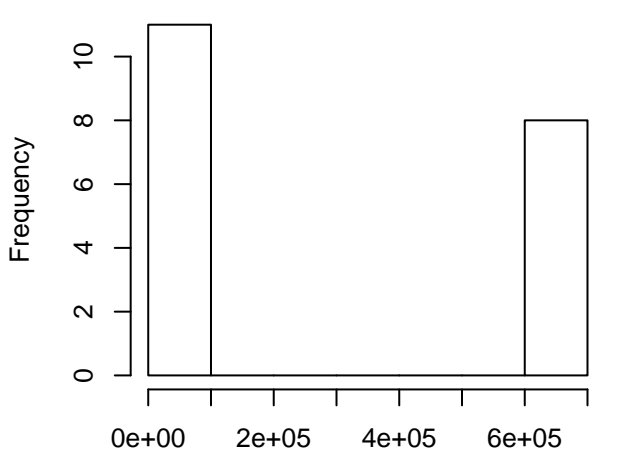
N = 2 Bandwidth = 45.61
breakpoint: 10925867 – 10926021 rsch-4 hi-0

breakpoint: 10925867 – 10926021 rsch-4 hi-0

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



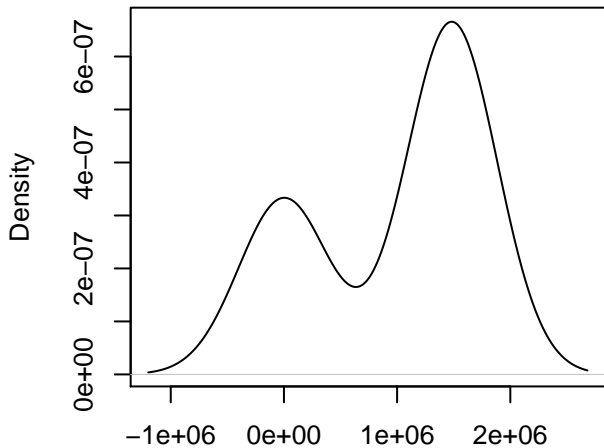
line = MAGIC.446 , Chr = 5



N = 19 Bandwidth = 1.436e+05
breakpoint: 11044854 – 11044857 hi-0 zu-0

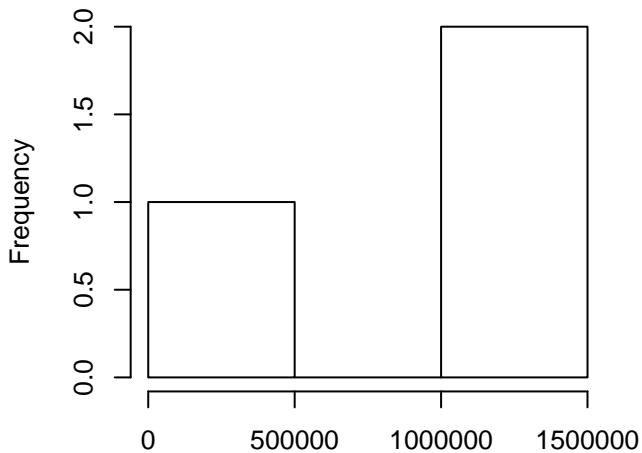
breakpoint: 11044854 – 11044857 hi-0 zu-0

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



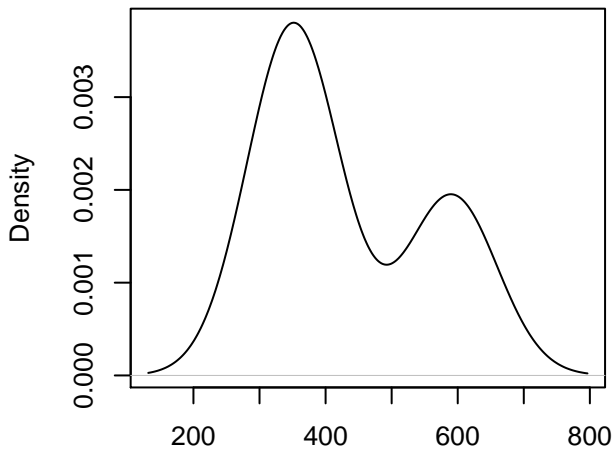
N = 3 Bandwidth = 3.997e+05
breakpoint: 11095464 – 11095482 zu-0 hi-0

line = MAGIC.446 , Chr = 5



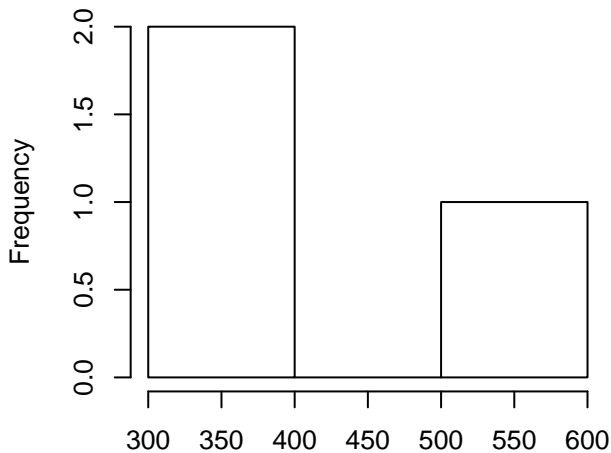
breakpoint: 11095464 – 11095482 zu-0 hi-0

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



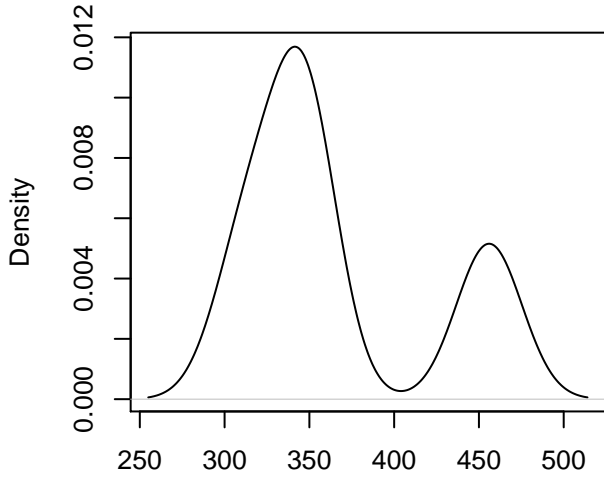
N = 3 Bandwidth = 68.47
breakpoint: 13791303 – 13791323 hi-0 tsu-0

line = MAGIC.446 , Chr = 5



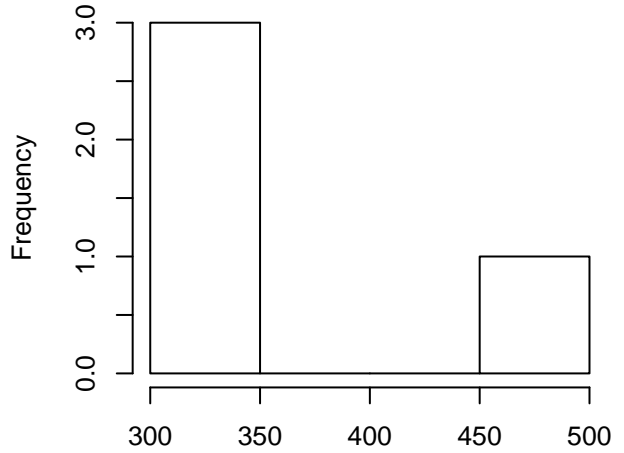
breakpoint: 13791303 – 13791323 hi-0 tsu-0

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



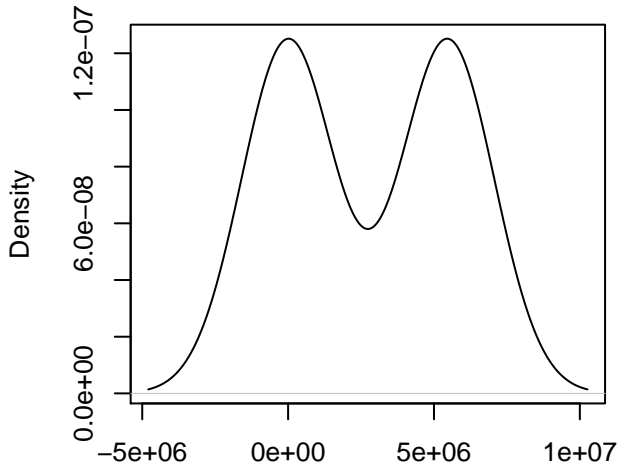
N = 4 Bandwidth = 19.34
breakpoint: 14094310 – 14094362 tsu-0 zu-0

line = MAGIC.446 , Chr = 5



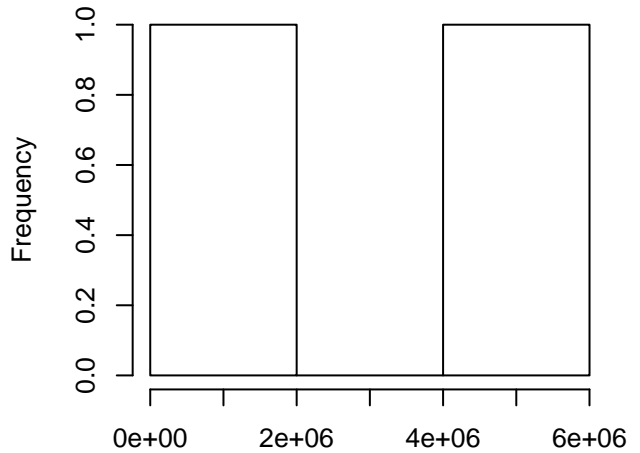
breakpoint: 14094310 – 14094362 tsu-0 zu-0

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



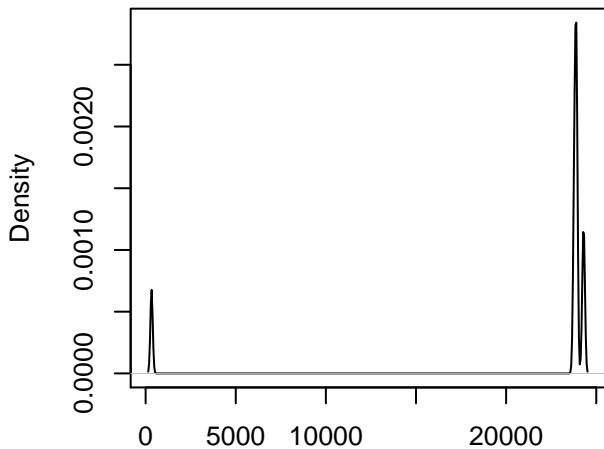
N = 2 Bandwidth = 1.598e+06
breakpoint: 14909704 – 14909768 wu-0 hi-0

line = MAGIC.446 , Chr = 5



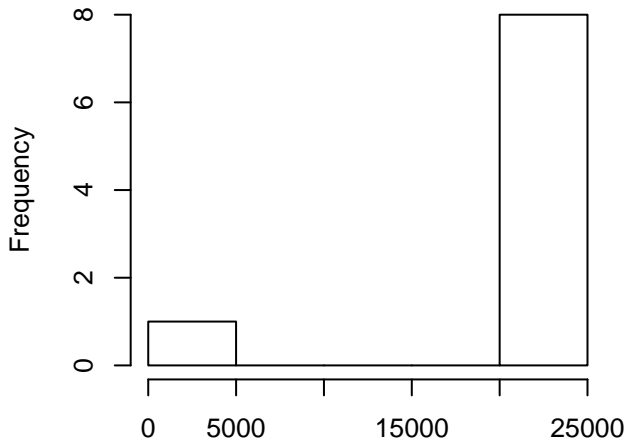
breakpoint: 14909704 – 14909768 wu-0 hi-0

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



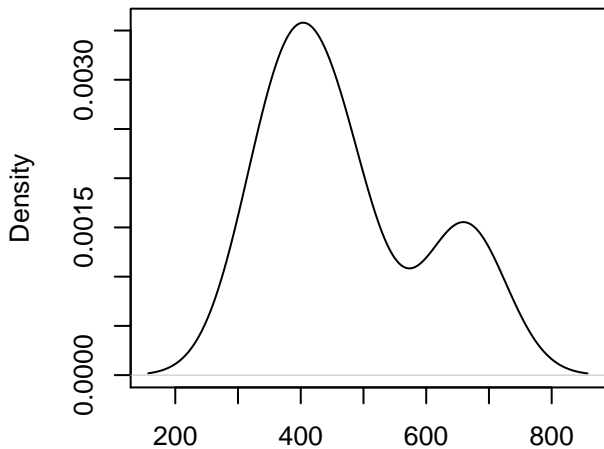
N = 9 Bandwidth = 61.03
breakpoint: 15107666 – 15107672 hi=0 ws=0

line = MAGIC.446 , Chr = 5



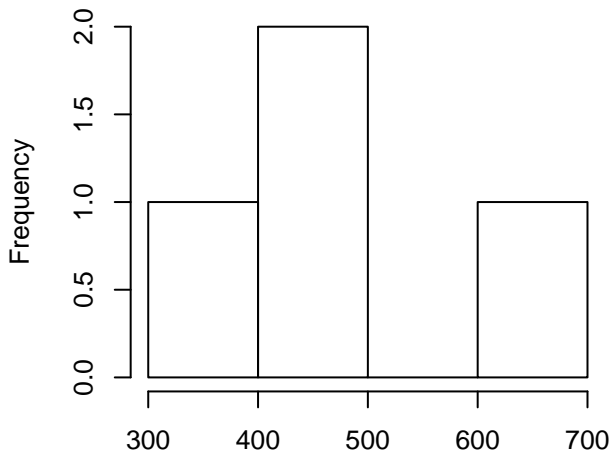
breakpoint: 15107666 – 15107672 hi=0 ws=0

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



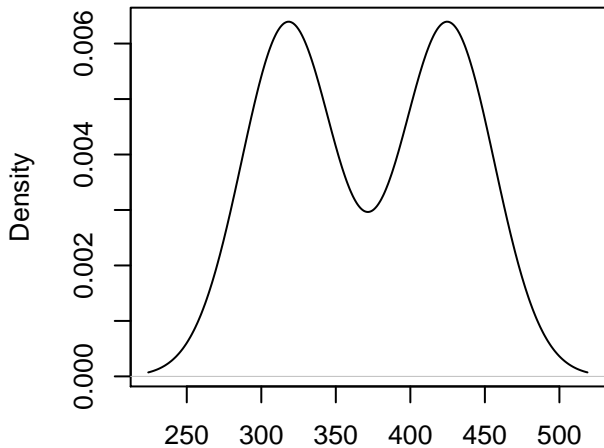
N = 4 Bandwidth = 65.03
breakpoint: 17392298 – 17392373 po=0 bur=0

line = MAGIC.446 , Chr = 5



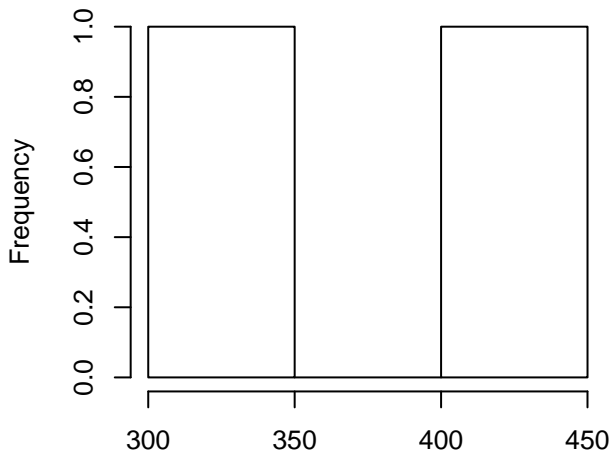
breakpoint: 17392298 – 17392373 po=0 bur=0

Bp = 120 line = MAGIC.446 , Chr = 5



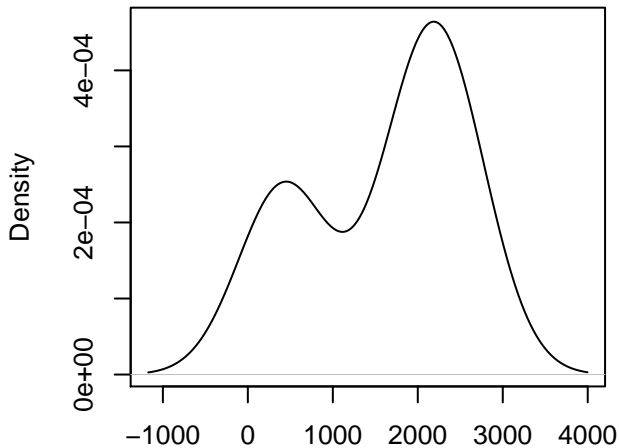
N = 2 Bandwidth = 31.28
breakpoint: 17456544 – 17456552 bur-0 po-0

line = MAGIC.446 , Chr = 5



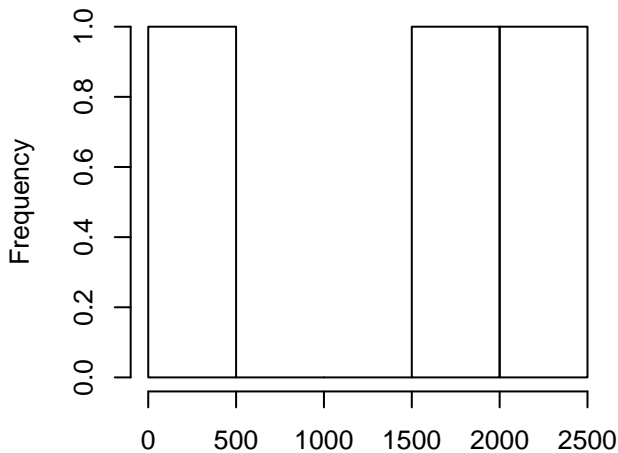
breakpoint: 17456544 – 17456552 bur-0 po-0

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



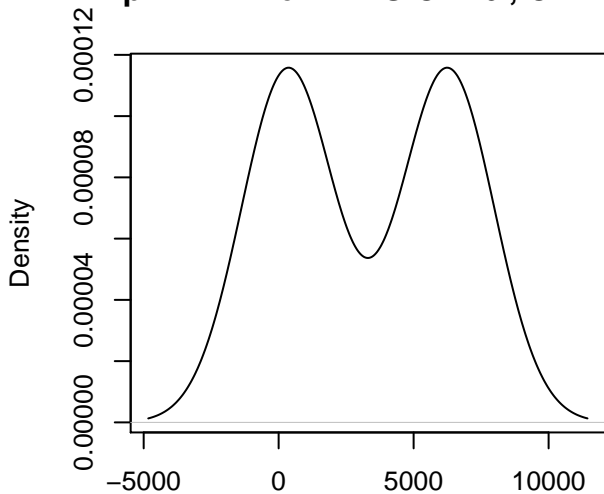
N = 3 Bandwidth = 532.4
breakpoint: 17482311 – 17484850 po-0 ct-1

line = MAGIC.446 , Chr = 5



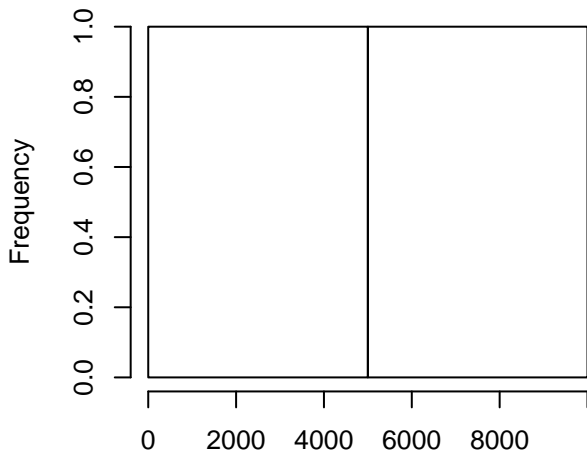
breakpoint: 17482311 – 17484850 po-0 ct-1

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



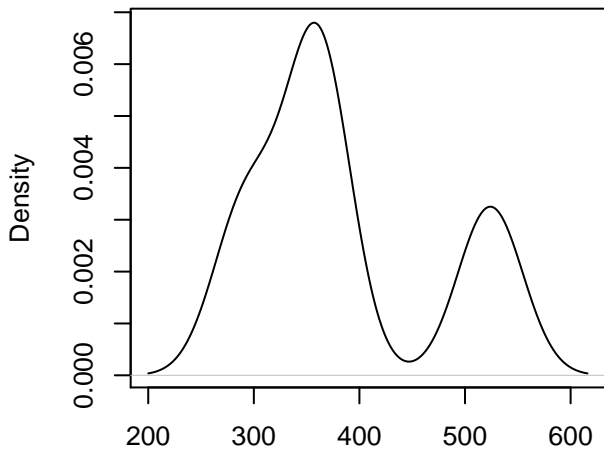
N = 2 Bandwidth = 1727
breakpoint: 17561905 – 17561910 zu-0 ler-0

line = MAGIC.446 , Chr = 5



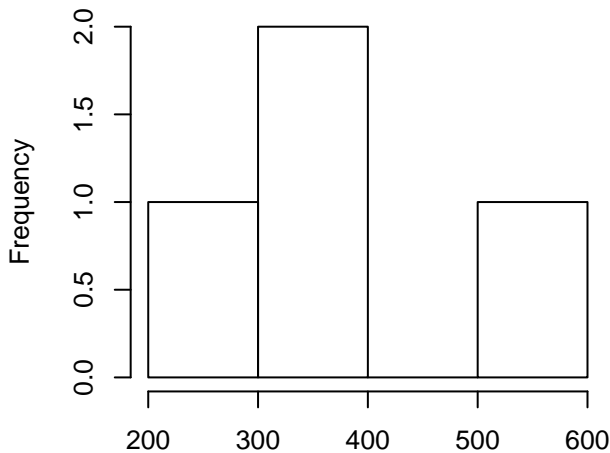
breakpoint: 17561905 – 17561910 zu-0 ler-0

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



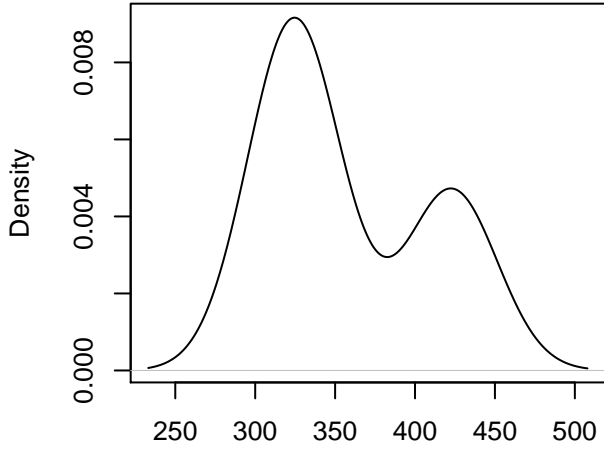
N = 4 Bandwidth = 30.67
breakpoint: 17575013 – 17575020 ler-0 po-0

line = MAGIC.446 , Chr = 5



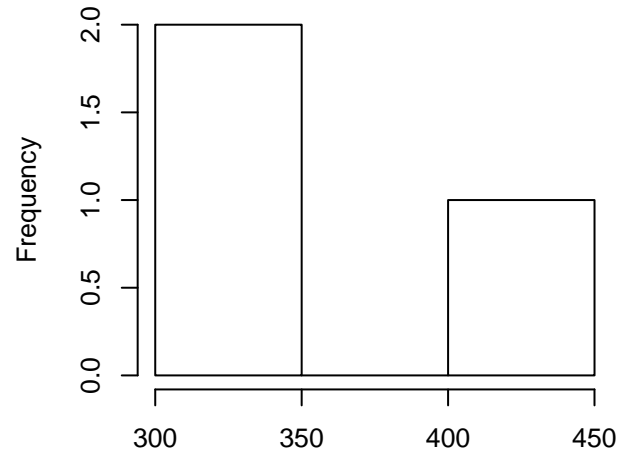
breakpoint: 17575013 – 17575020 ler-0 po-0

Bp = 126 line = MAGIC.446 , Chr = 5



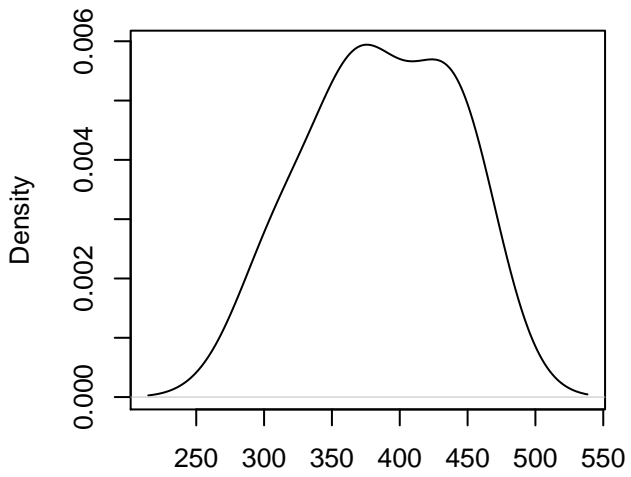
N = 3 Bandwidth = 28.31
breakpoint: 17620699 – 17620720 po-0 tsu-0

line = MAGIC.446 , Chr = 5



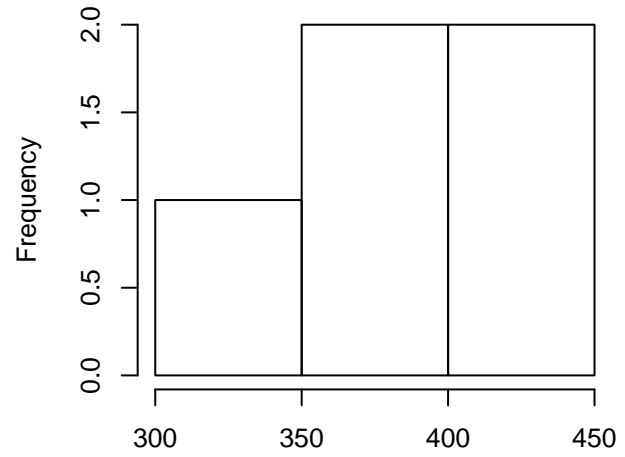
breakpoint: 17620699 – 17620720 po-0 tsu-0

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



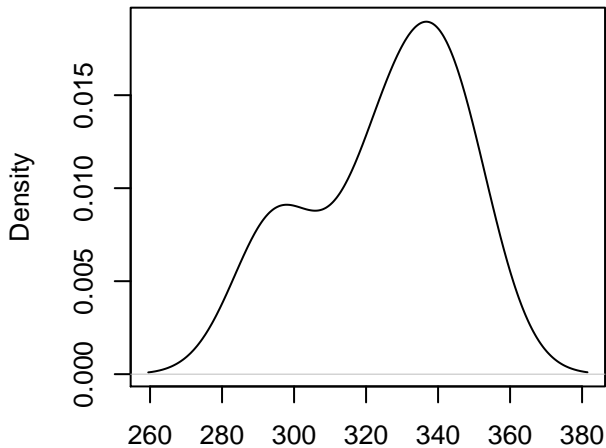
N = 5 Bandwidth = 32.13
breakpoint: 17634578 – 17634596 tsu-0 ct-1

line = MAGIC.446 , Chr = 5



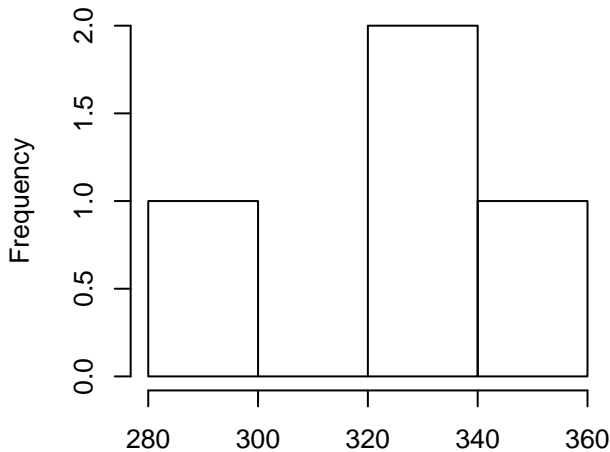
breakpoint: 17634578 – 17634596 tsu-0 ct-1

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



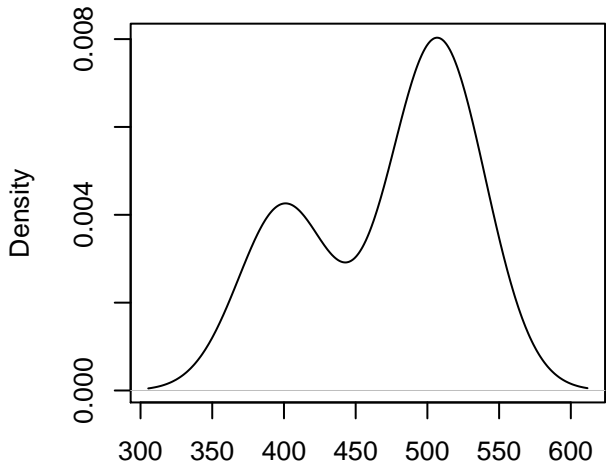
N = 4 Bandwidth = 11.83
breakpoint: 17758818 – 17758821 ct-1 po-0

line = MAGIC.446 , Chr = 5



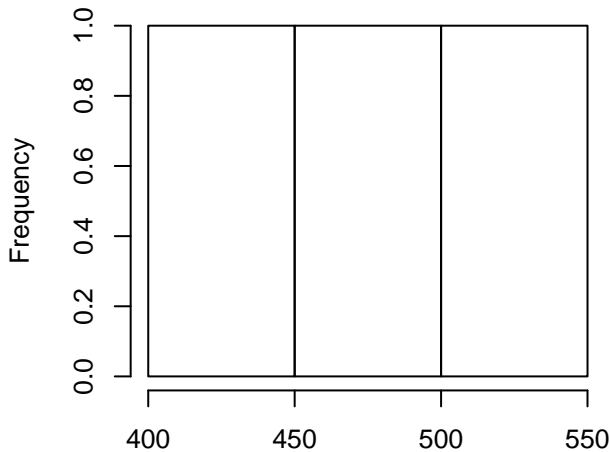
breakpoint: 17758818 – 17758821 ct-1 po-0

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



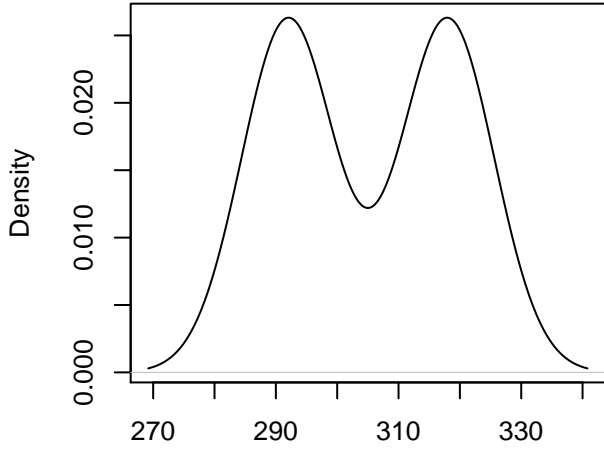
N = 3 Bandwidth = 31.54
breakpoint: 17928167 – 17928168 po-0 tsu-0

line = MAGIC.446 , Chr = 5



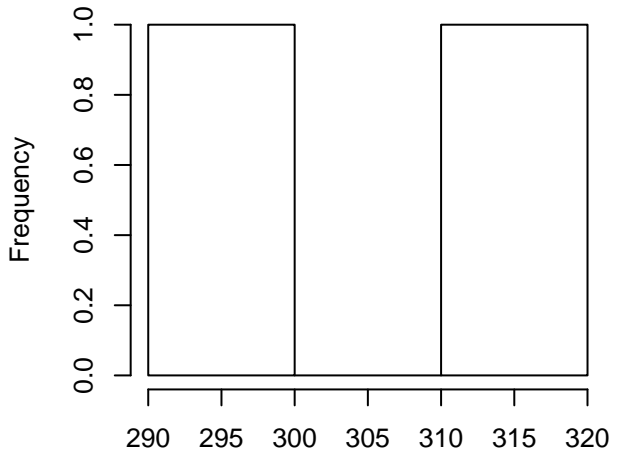
breakpoint: 17928167 – 17928168 po-0 tsu-0

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



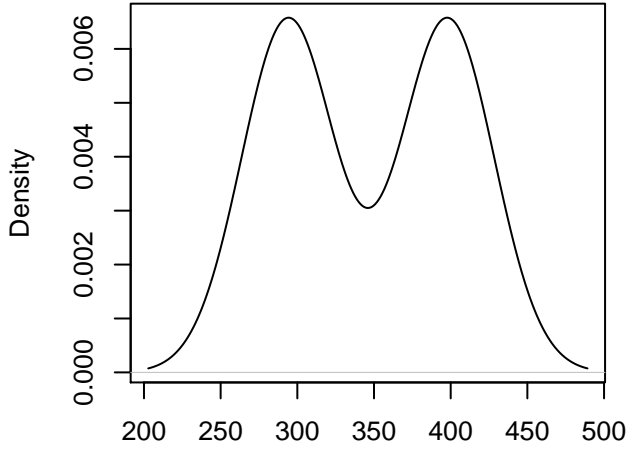
N = 2 Bandwidth = 7.601
breakpoint: 17938529 – 17938542 tsu-0 ct-1

line = MAGIC.446 , Chr = 5



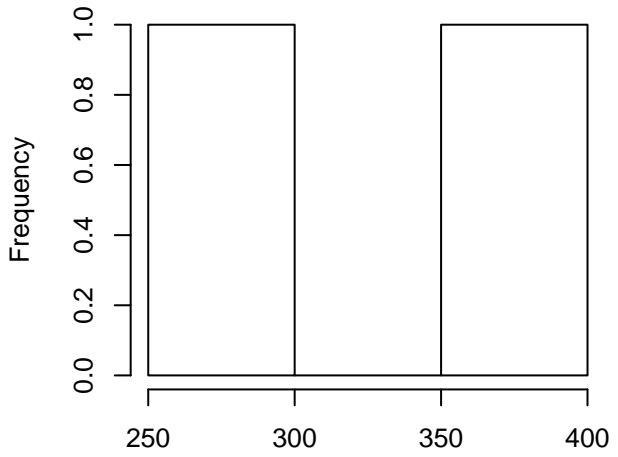
breakpoint: 17938529 – 17938542 tsu-0 ct-1

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



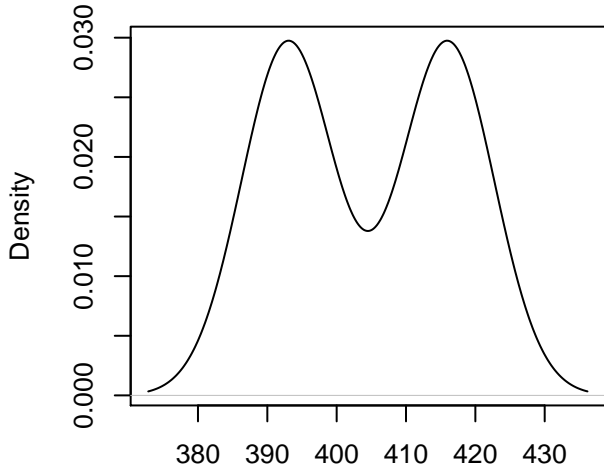
N = 2 Bandwidth = 30.4
breakpoint: 17945567 – 17945576 ct-1 po-0

line = MAGIC.446 , Chr = 5



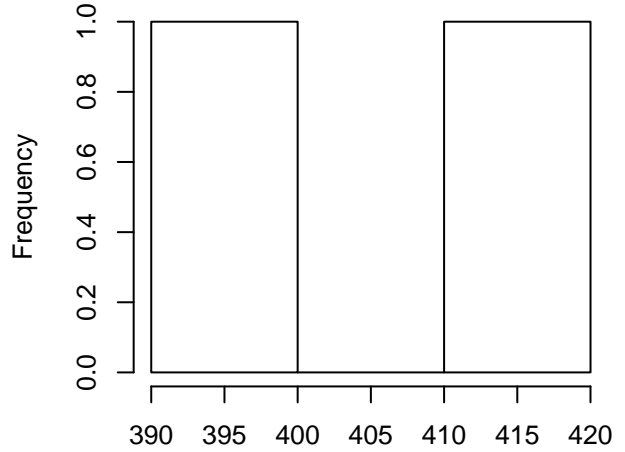
breakpoint: 17945567 – 17945576 ct-1 po-0

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



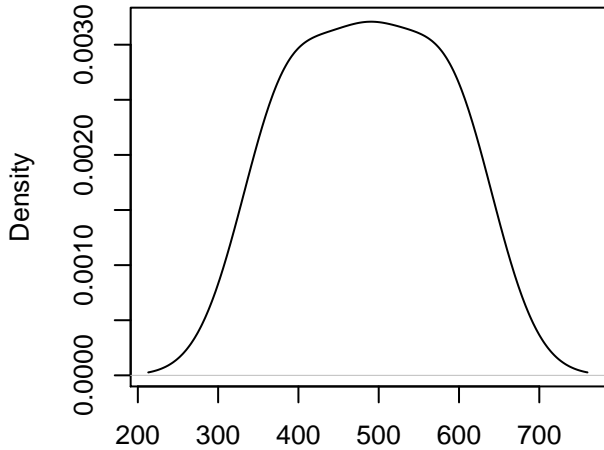
N = 2 Bandwidth = 6.724
breakpoint: 17964448 – 17964525 po-0 edi-0

line = MAGIC.446 , Chr = 5



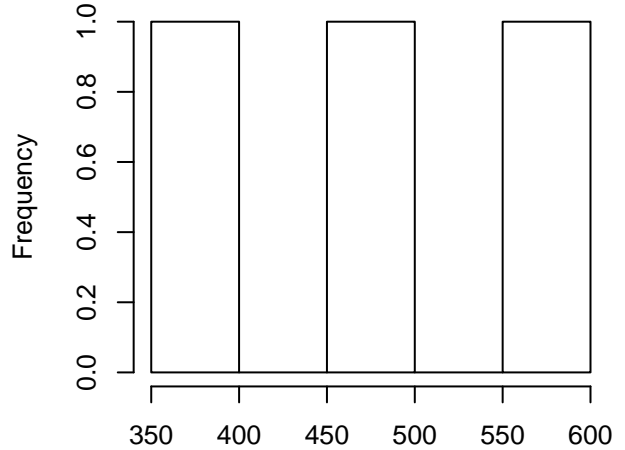
breakpoint: 17964448 – 17964525 po-0 edi-0

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



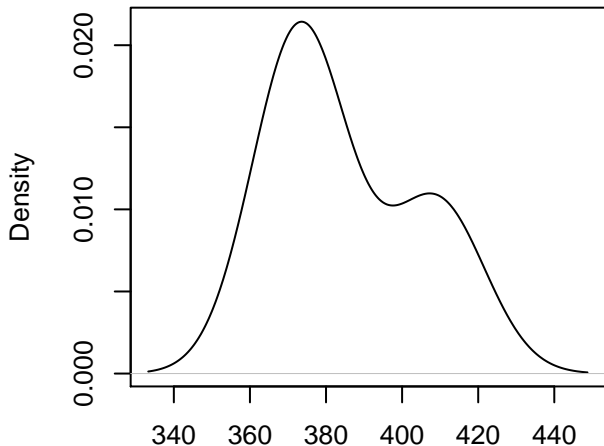
N = 3 Bandwidth = 56.34
breakpoint: 18138398 – 18138399 po-0 ws-0

line = MAGIC.446 , Chr = 5



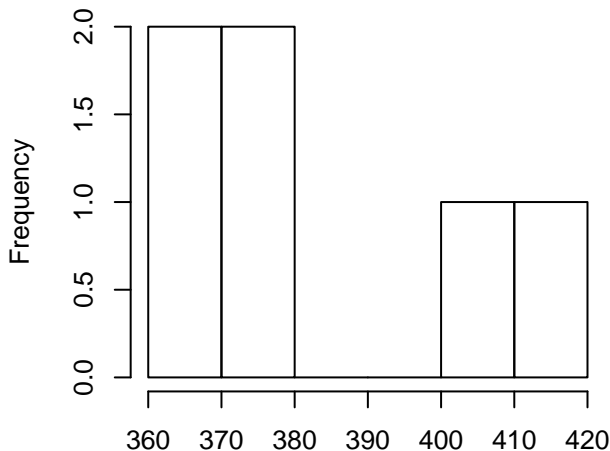
breakpoint: 18138398 – 18138399 po-0 ws-0

Bp = 135 line = MAGIC.446 , Chr = 5



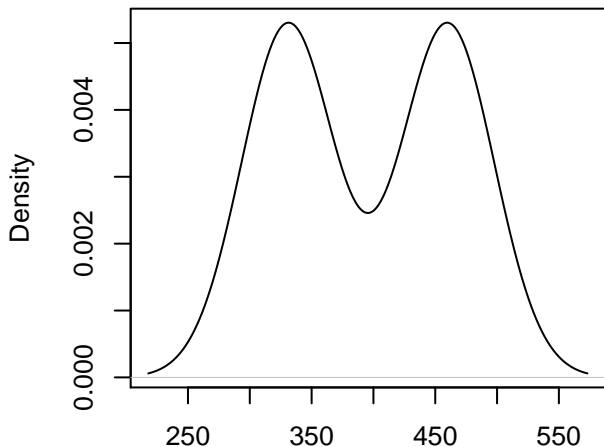
N = 6 Bandwidth = 11.91
breakpoint: 18157298 – 18157299 ws-0 po-0

line = MAGIC.446 , Chr = 5



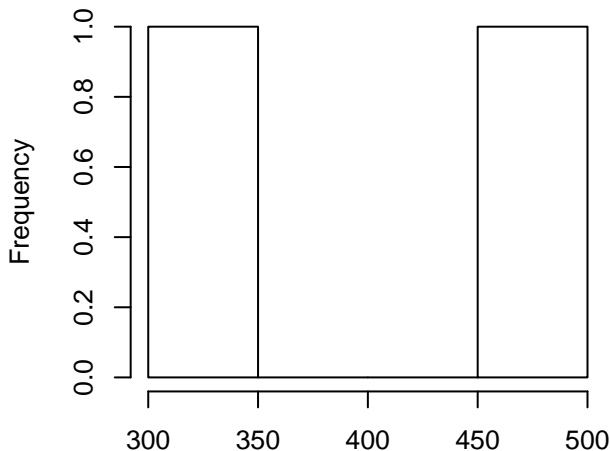
breakpoint: 18157298 – 18157299 ws-0 po-0

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



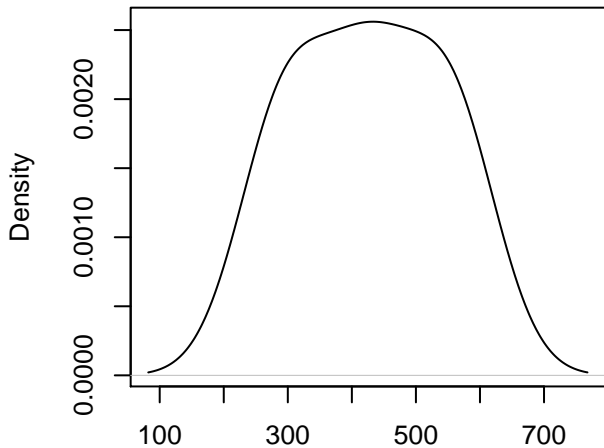
N = 2 Bandwidth = 37.71
breakpoint: 18165421 – 18165522 po-0 no-0

line = MAGIC.446 , Chr = 5



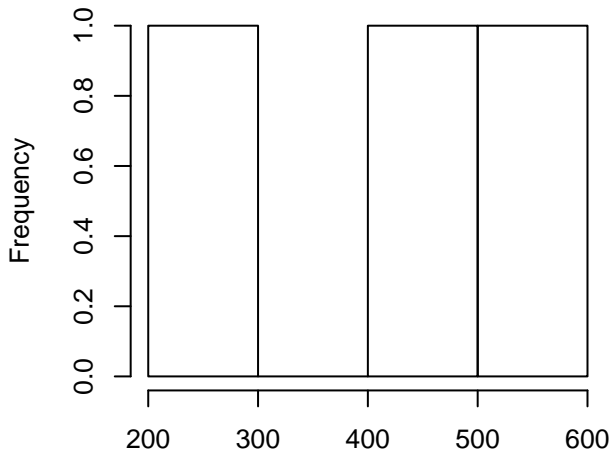
breakpoint: 18165421 – 18165522 po-0 no-0

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



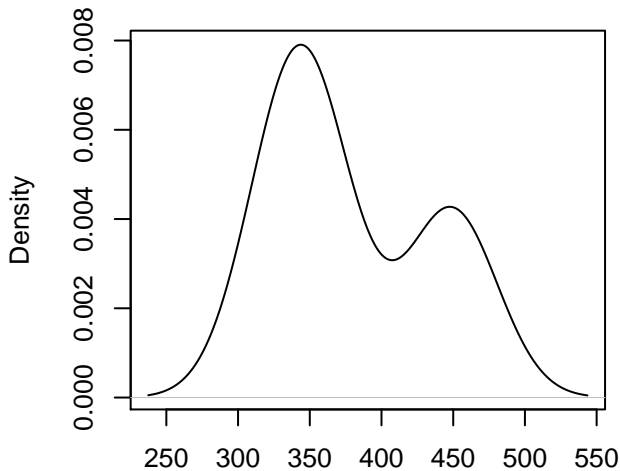
N = 3 Bandwidth = 70.63
breakpoint: 18225352 – 18225433 tsu-0 no-0

line = MAGIC.446 , Chr = 5



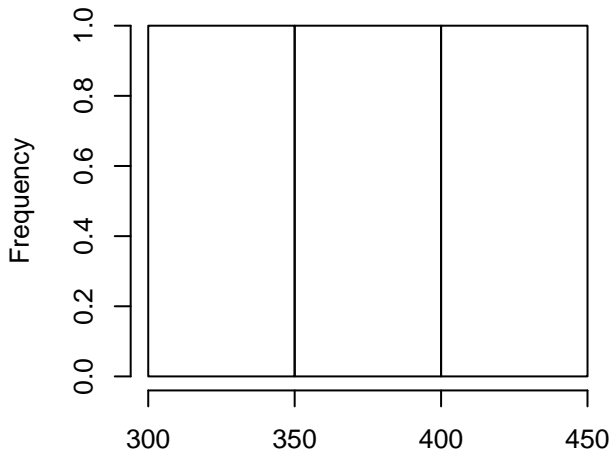
breakpoint: 18225352 – 18225433 tsu-0 no-0

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



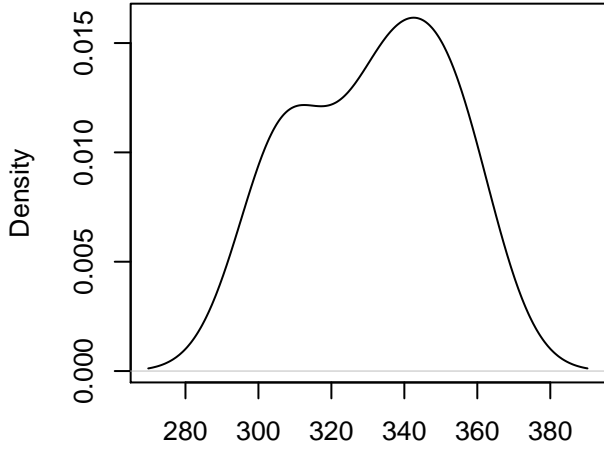
N = 3 Bandwidth = 31.54
breakpoint: 18331345 – 18331346 po-0 ct-1

line = MAGIC.446 , Chr = 5



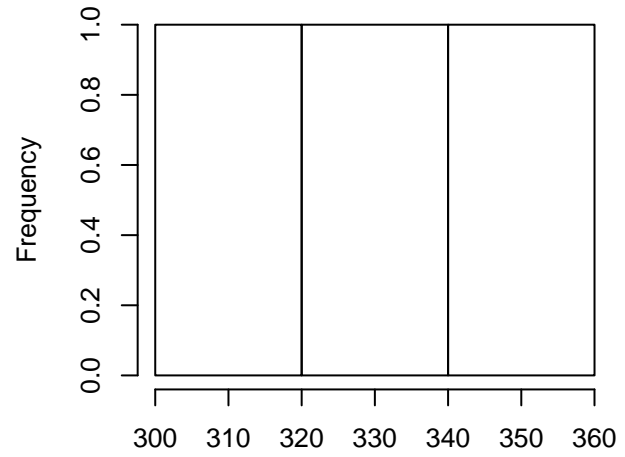
breakpoint: 18331345 – 18331346 po-0 ct-1

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



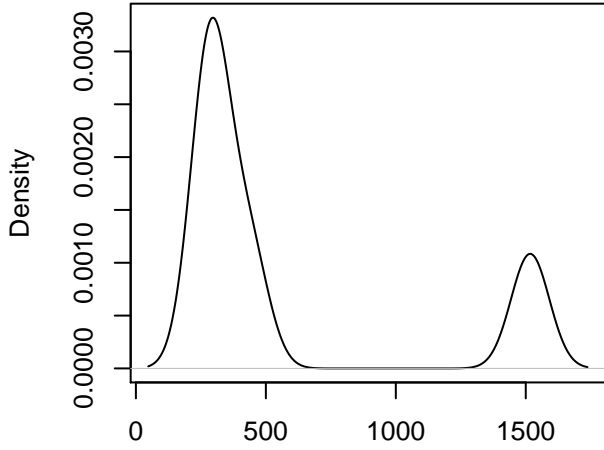
N = 3 Bandwidth = 12.4
breakpoint: 18373278 – 18373546 ct-1 po-0

line = MAGIC.446 , Chr = 5



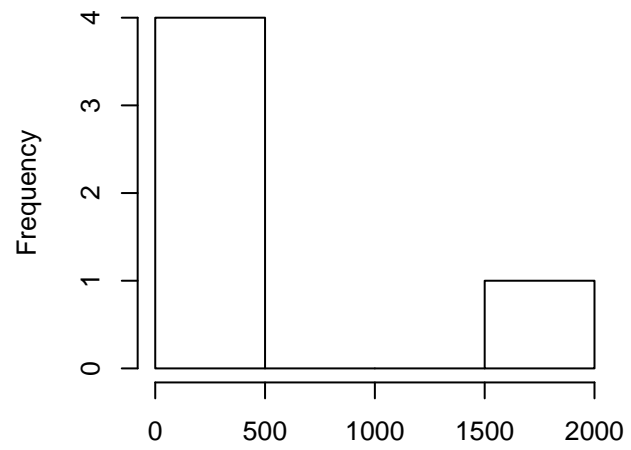
breakpoint: 18373278 – 18373546 ct-1 po-0

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



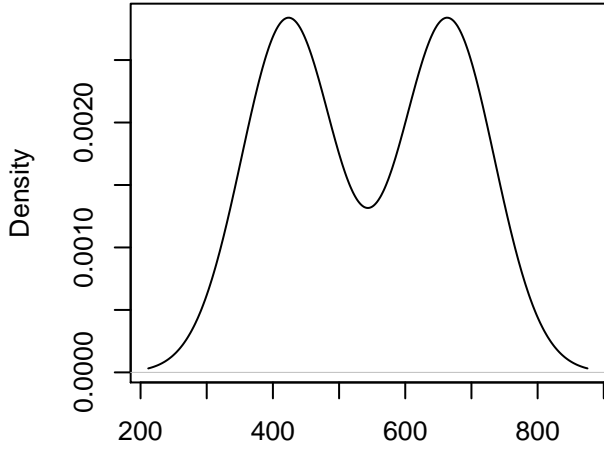
N = 5 Bandwidth = 73.51
breakpoint: 18486394 – 18487796 po-0 mt-0

line = MAGIC.446 , Chr = 5



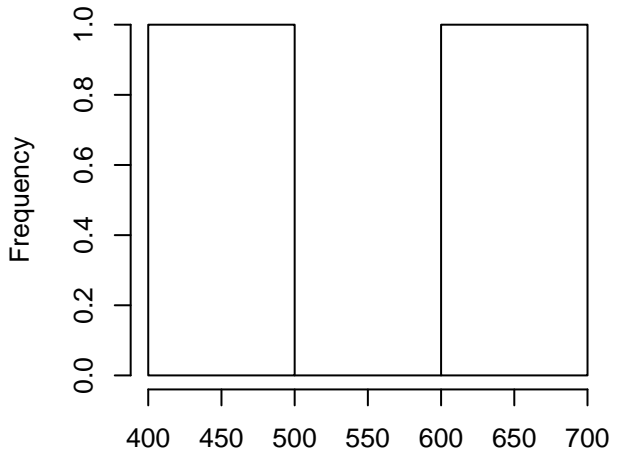
breakpoint: 18486394 – 18487796 po-0 mt-0

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



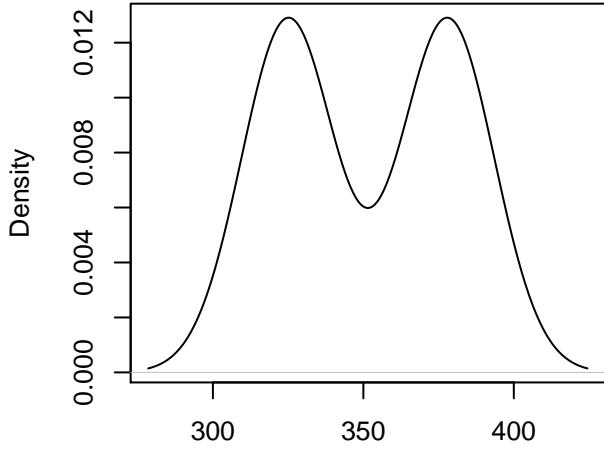
N = 2 Bandwidth = 70.46
breakpoint: 18496336 – 18496417 mt-0 po-0

line = MAGIC.446 , Chr = 5



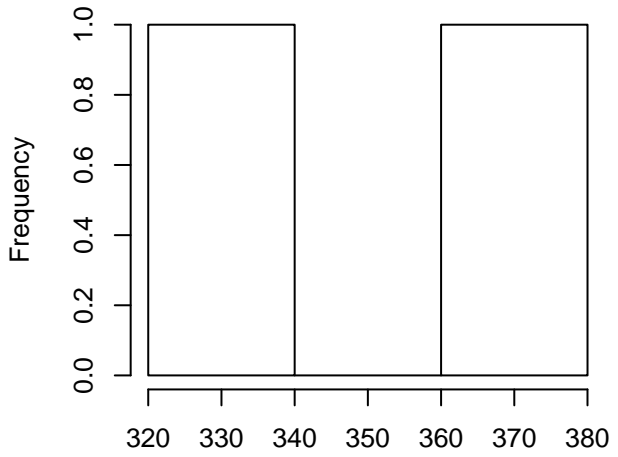
breakpoint: 18496336 – 18496417 mt-0 po-0

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



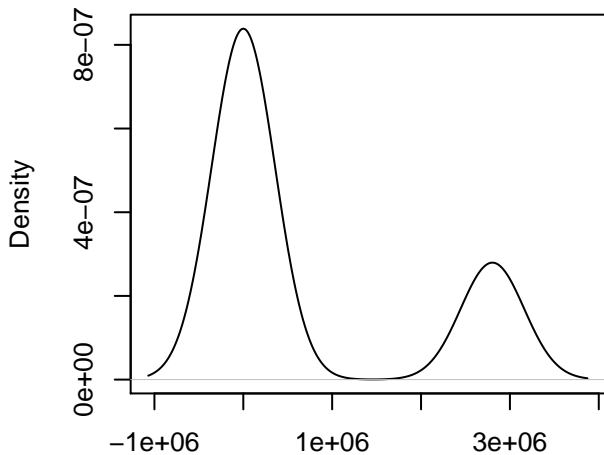
N = 2 Bandwidth = 15.49
breakpoint: 18521583 – 18521622 po-0 zu-0

line = MAGIC.446 , Chr = 5



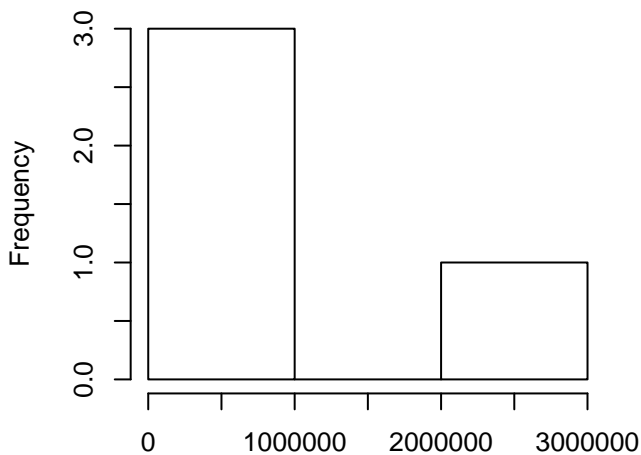
breakpoint: 18521583 – 18521622 po-0 zu-0

Bp = 146 line = MAGIC.446 , Chr = 5



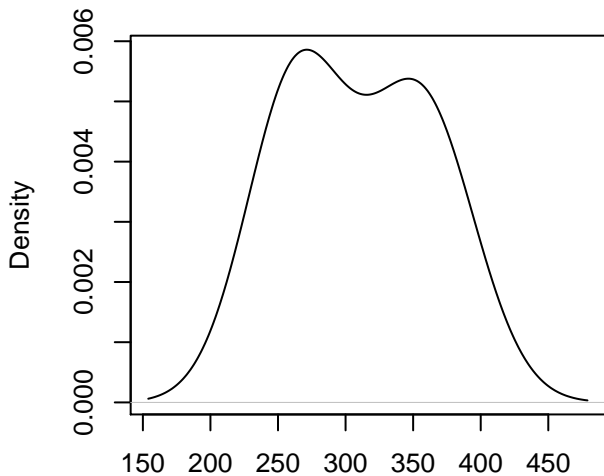
N = 4 Bandwidth = 3.567e+05
breakpoint: 18552277 – 18552303 ler-0 po-0

line = MAGIC.446 , Chr = 5



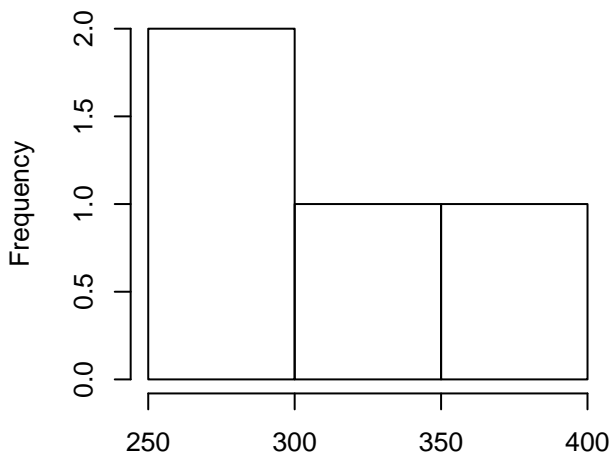
breakpoint: 18552277 – 18552303 ler-0 po-0

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



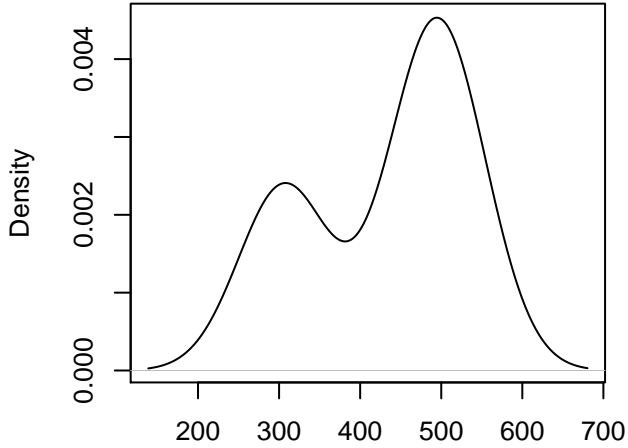
N = 4 Bandwidth = 36.67
breakpoint: 18598179 – 18598203 po-0 sf-2

line = MAGIC.446 , Chr = 5



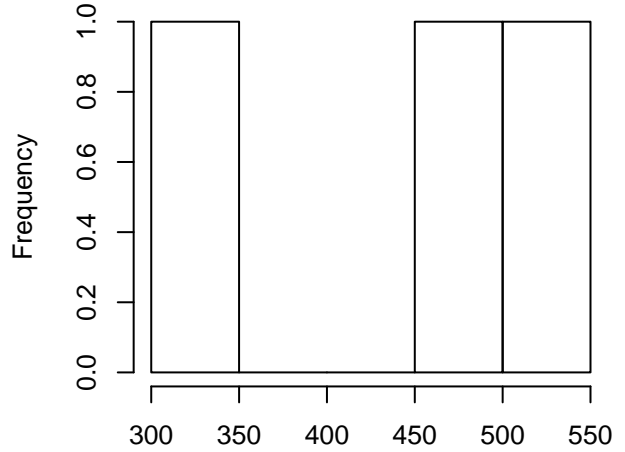
breakpoint: 18598179 – 18598203 po-0 sf-2

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



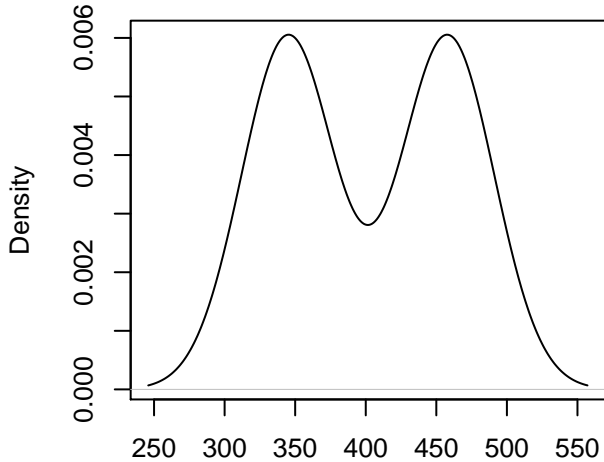
N = 3 Bandwidth = 55.8
breakpoint: 18613961 – 18614000 sf-2 po-0

line = MAGIC.446 , Chr = 5



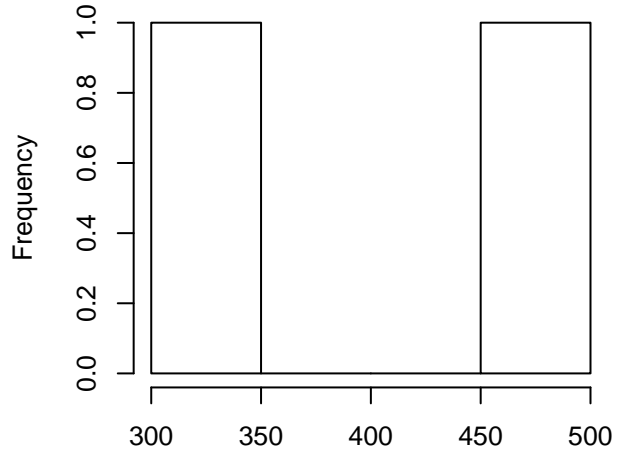
breakpoint: 18613961 – 18614000 sf-2 po-0

Bp = 149 line = MAGIC.446 , Chr = 5



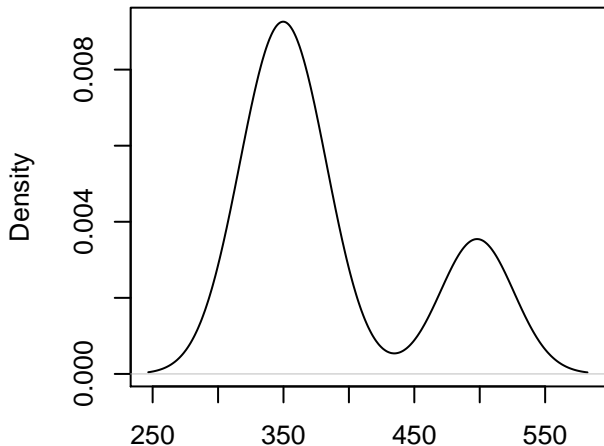
N = 2 Bandwidth = 33.04
breakpoint: 18877456 – 18877474 po-0 tsu-0

line = MAGIC.446 , Chr = 5



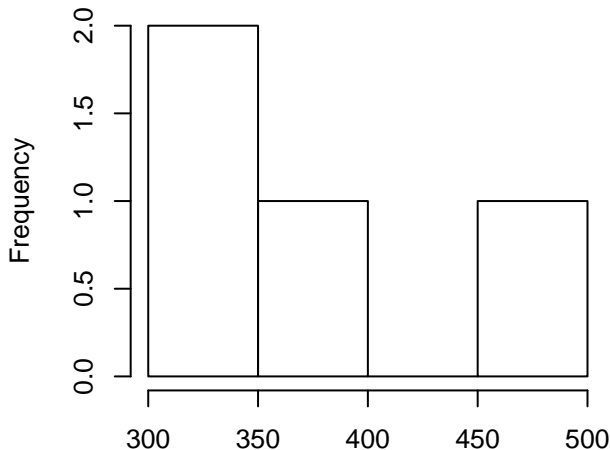
breakpoint: 18877456 – 18877474 po-0 tsu-0

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



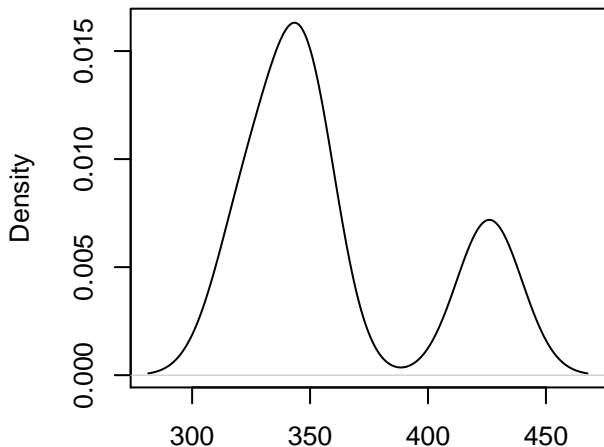
N = 4 Bandwidth = 28.12
breakpoint: 19304522 – 19304889 tsu-0 rsch-4

line = MAGIC.446 , Chr = 5



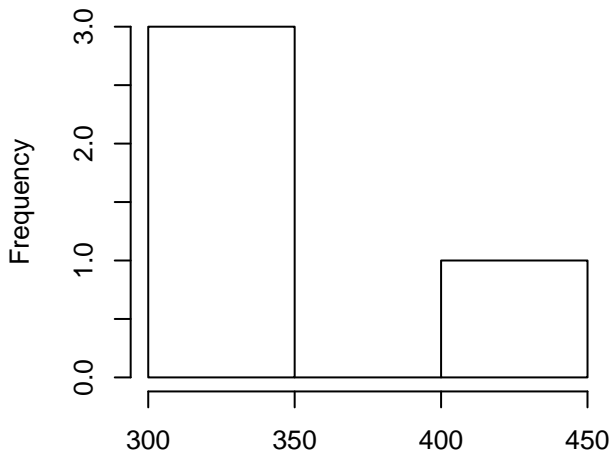
breakpoint: 19304522 – 19304889 tsu-0 rsch-4

Bp = 151 line = MAGIC.446 , Chr = 5



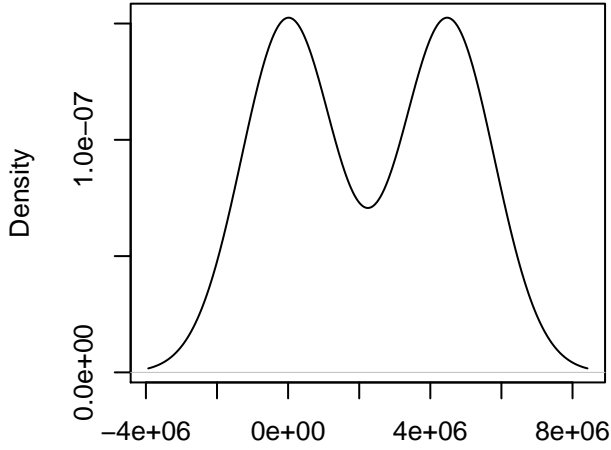
N = 4 Bandwidth = 13.87
breakpoint: 19527764 – 19527779 rsch-4 po-0

line = MAGIC.446 , Chr = 5



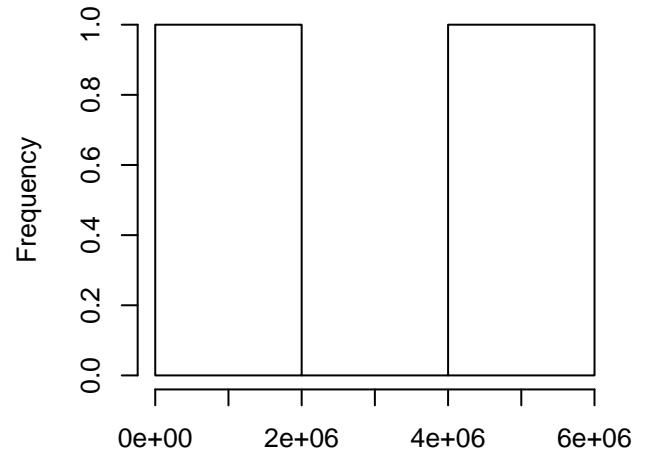
breakpoint: 19527764 – 19527779 rsch-4 po-0

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



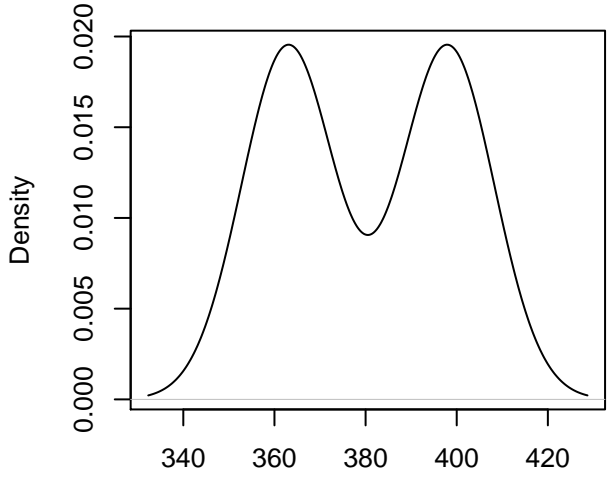
N = 2 Bandwidth = 1.312e+06
breakpoint: 19949605 – 19949625 po-0 wu-0

line = MAGIC.446 , Chr = 5



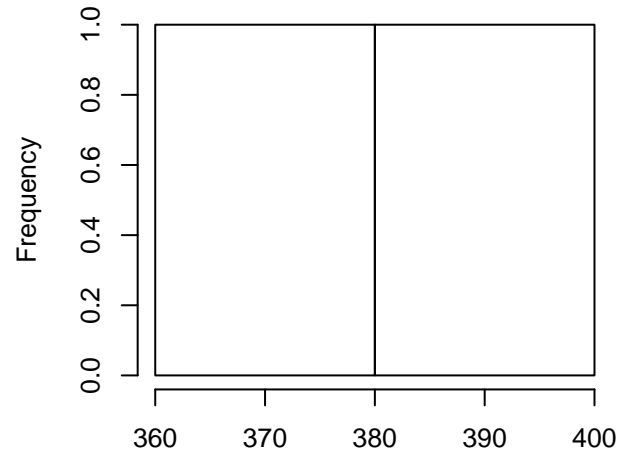
breakpoint: 19949605 – 19949625 po-0 wu-0

Bp = 154 line = MAGIC.446 , Chr = 5



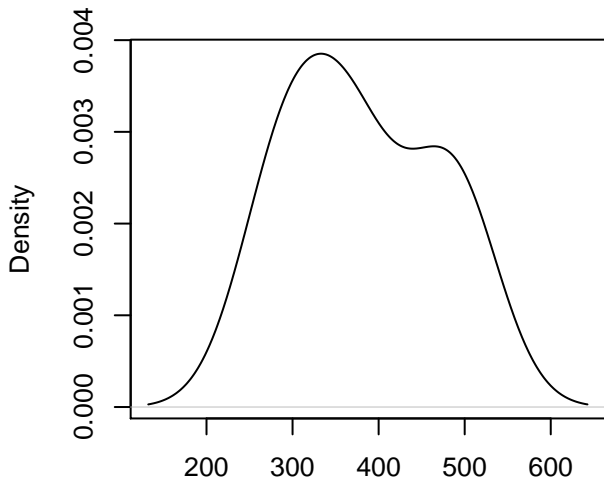
N = 2 Bandwidth = 10.23
breakpoint: 20150161 – 20150218 po-0 sf-2

line = MAGIC.446 , Chr = 5



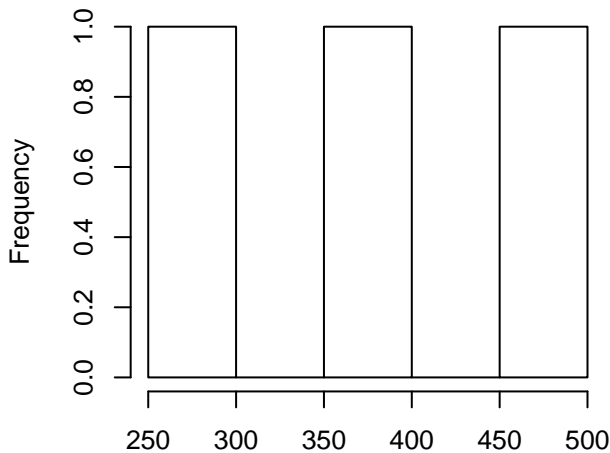
breakpoint: 20150161 – 20150218 po-0 sf-2

Bp = 155 line = MAGIC.446 , Chr = 5



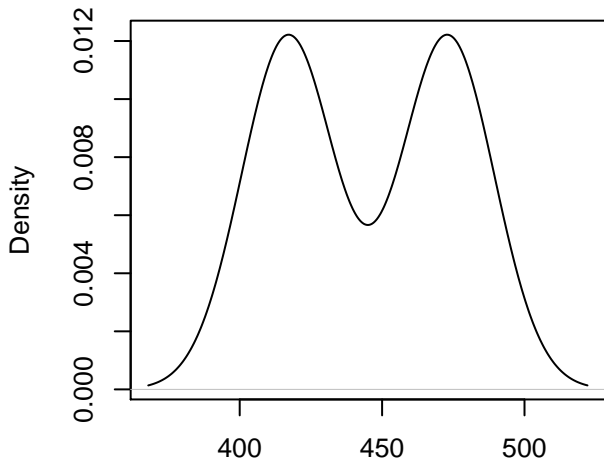
N = 3 Bandwidth = 52.57
breakpoint: 20809590 – 20809605 sf-2 can-0

line = MAGIC.446 , Chr = 5



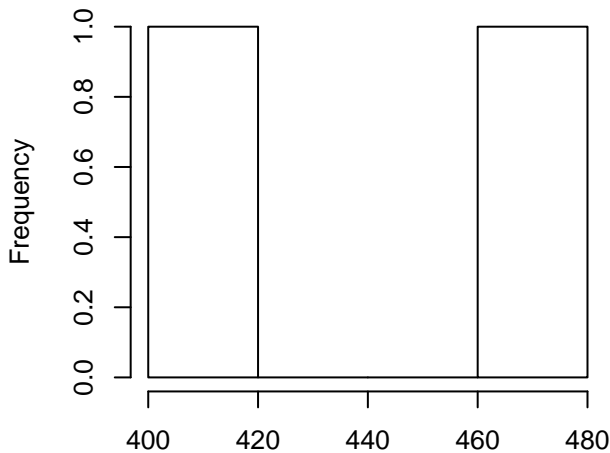
breakpoint: 20809590 – 20809605 sf-2 can-0

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



N = 2 Bandwidth = 16.37
breakpoint: 20813406 – 20813408 can-0 sf-2

line = MAGIC.446 , Chr = 5



breakpoint: 20813406 – 20813408 can-0 sf-2