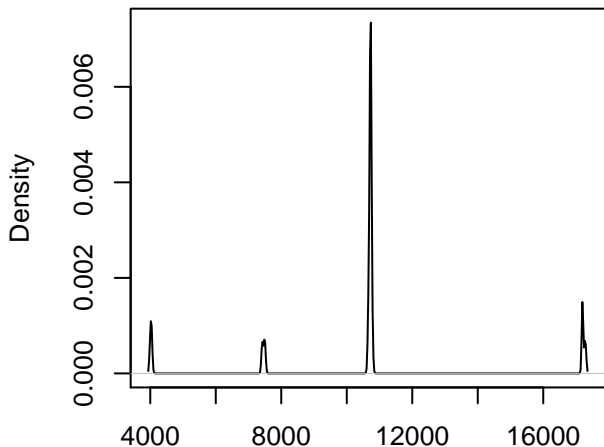
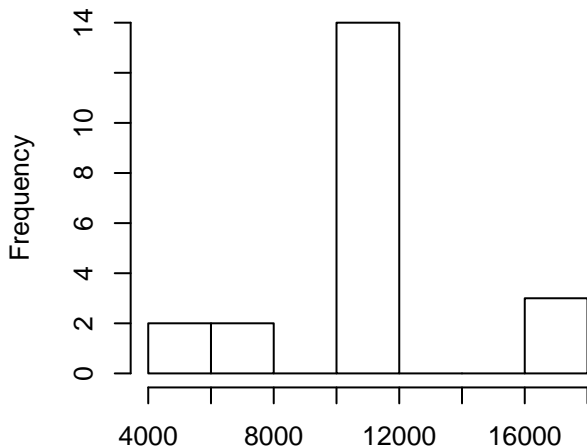


line = MAGIC.183 , Chr = 1



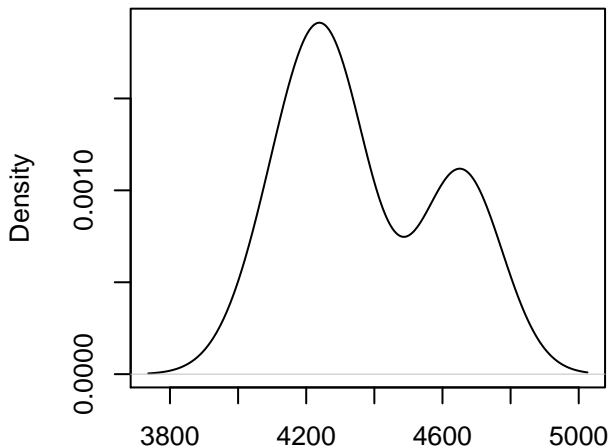
N = 21 Bandwidth = 21.55
breakpoint: 5518997 - 5519169 col-0 can-0

line = MAGIC.183 , Chr = 1



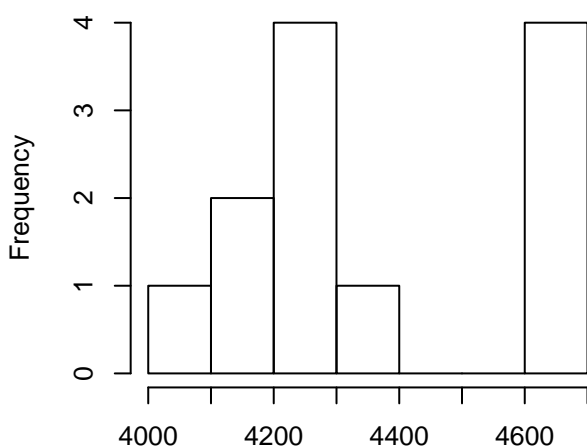
breakpoint: 5518997 - 5519169 col-0 can-0

line = MAGIC.183 , Chr = 1



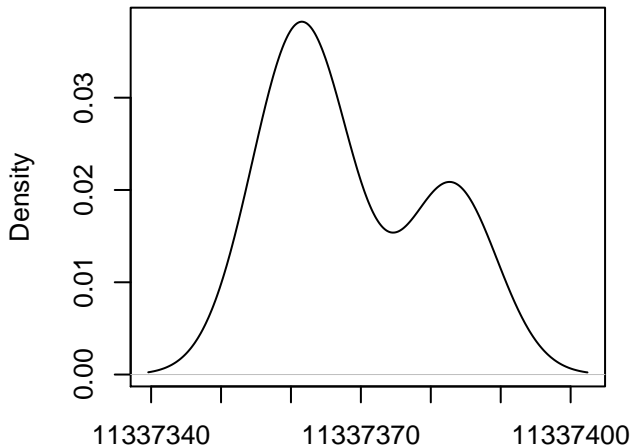
N = 12 Bandwidth = 119.6
breakpoint: 6009703 - 6009704 tsu-0 zu-0

line = MAGIC.183 , Chr = 1



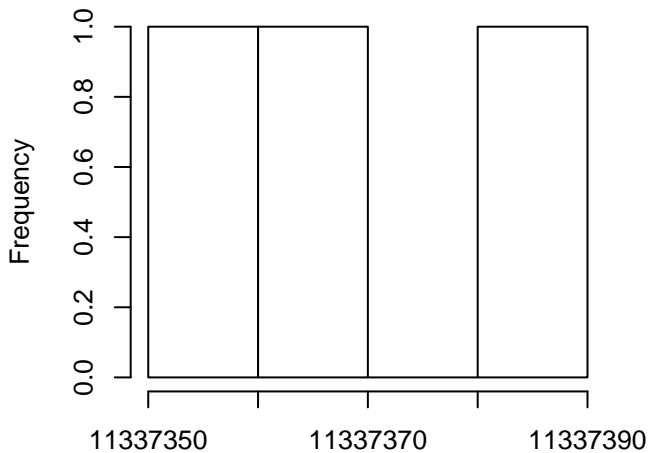
breakpoint: 6009703 - 6009704 tsu-0 zu-0

line = MAGIC.183 , Chr = 1



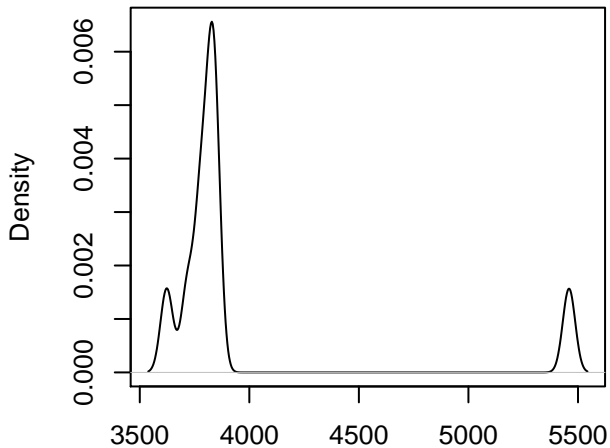
N = 3 Bandwidth = 6.47
breakpoint: 6874761 – 6874790 oy-0 edi-0

line = MAGIC.183 , Chr = 1



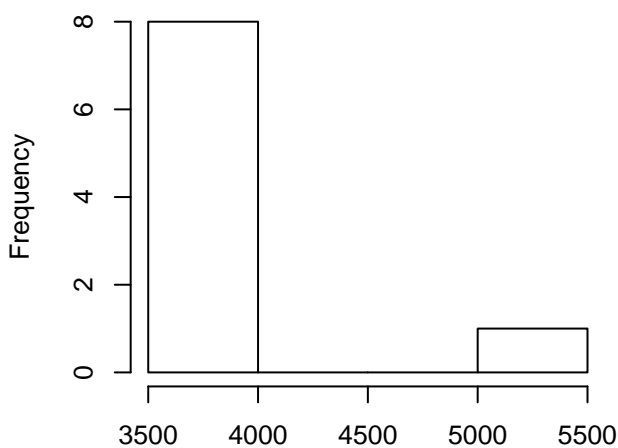
breakpoint: 6874761 – 6874790 oy-0 edi-0

line = MAGIC.183 , Chr = 1



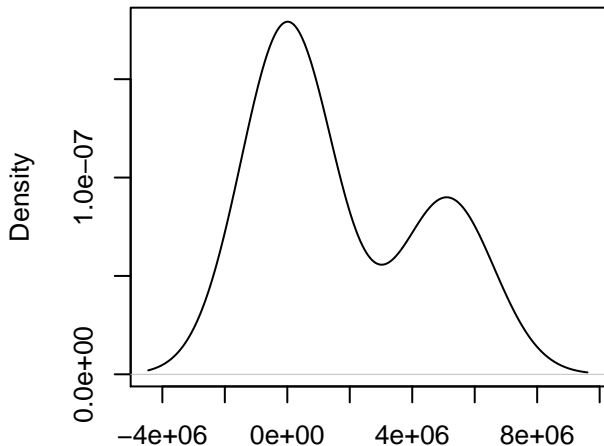
N = 9 Bandwidth = 28.13
breakpoint: 7390046 – 7390068 col-0 wil-2

line = MAGIC.183 , Chr = 1



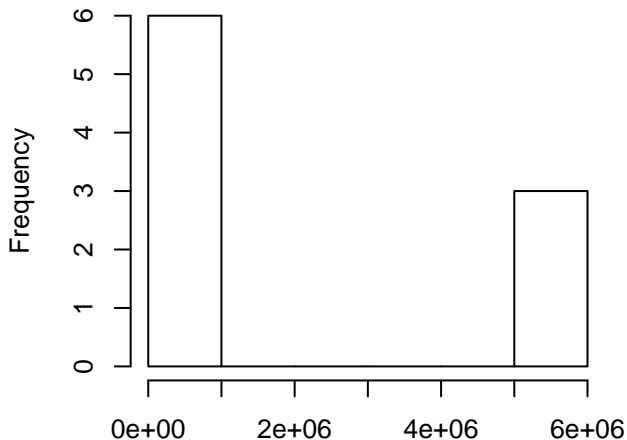
breakpoint: 7390046 – 7390068 col-0 wil-2

line = MAGIC.183 , Chr = 1



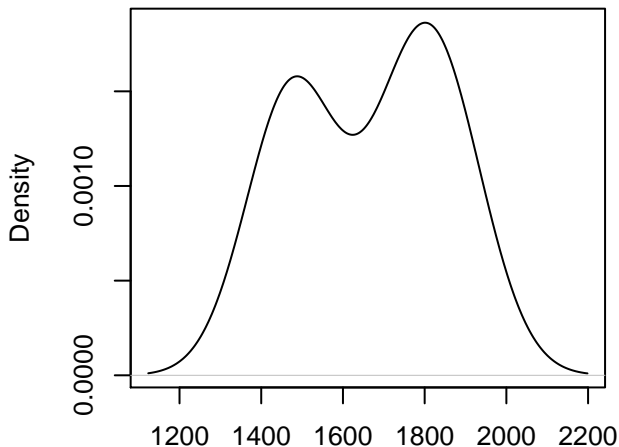
N = 9 Bandwidth = 1.486e+06
breakpoint: 7439803 – 7439847 oy-0 wil-2

line = MAGIC.183 , Chr = 1



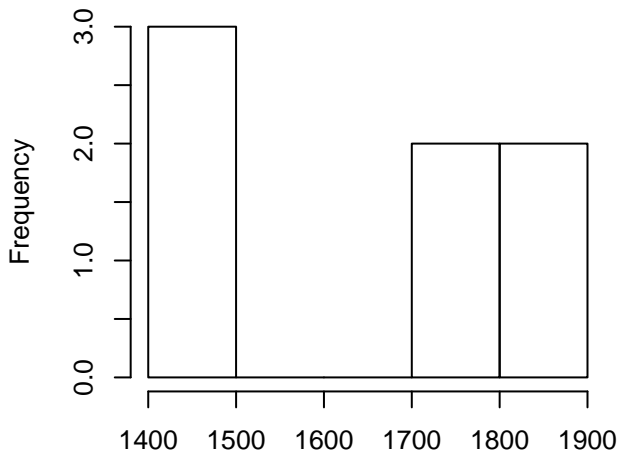
breakpoint: 7439803 – 7439847 oy-0 wil-2

line = MAGIC.183 , Chr = 1



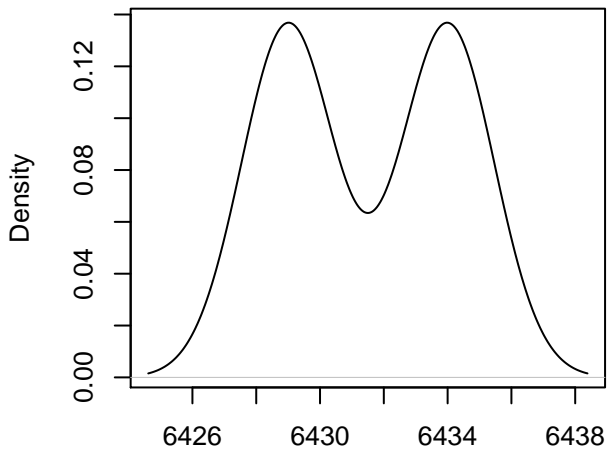
N = 7 Bandwidth = 110.8
breakpoint: 7854501 – 7854564 wu-0 bur-0

line = MAGIC.183 , Chr = 1



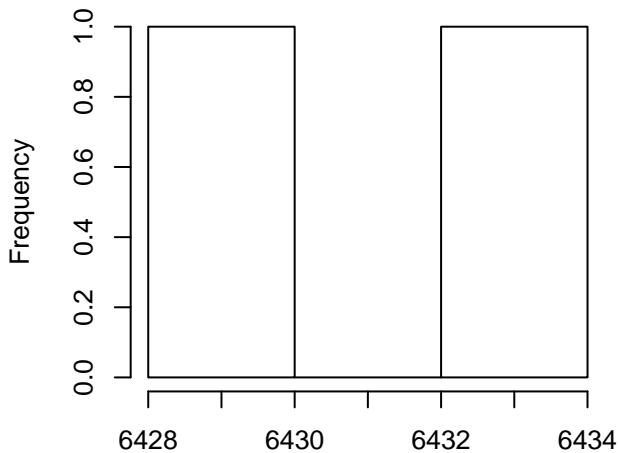
breakpoint: 7854501 – 7854564 wu-0 bur-0

line = MAGIC.183 , Chr = 1



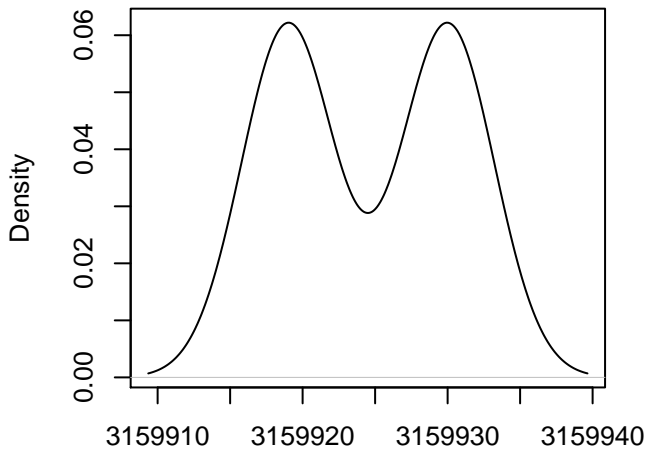
N = 2 Bandwidth = 1.462
breakpoint: 9439395 – 9439462 zu-0 no-0

line = MAGIC.183 , Chr = 1



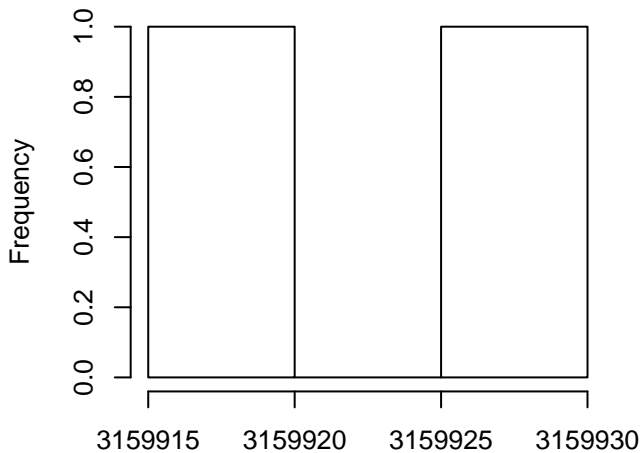
breakpoint: 9439395 – 9439462 zu-0 no-0

line = MAGIC.183 , Chr = 1



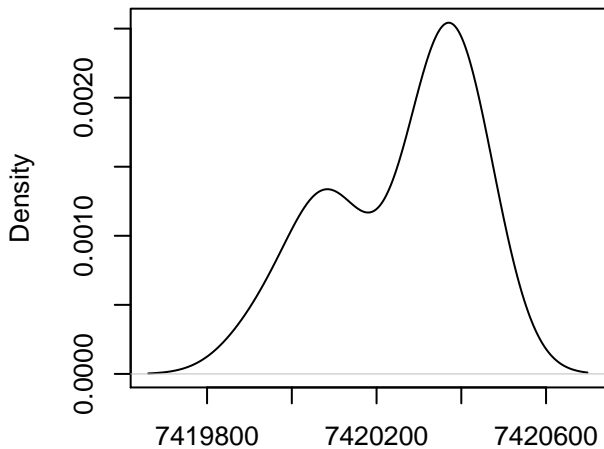
N = 2 Bandwidth = 3.216
breakpoint: 10852899 – 10852913 ler-0 tsu-0

line = MAGIC.183 , Chr = 1



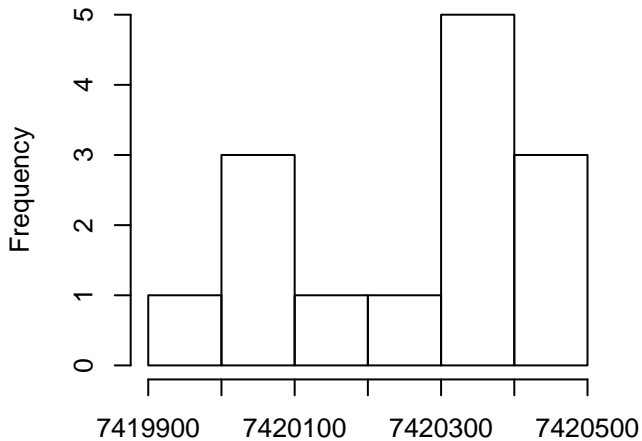
breakpoint: 10852899 – 10852913 ler-0 tsu-0

line = MAGIC.183 , Chr = 1



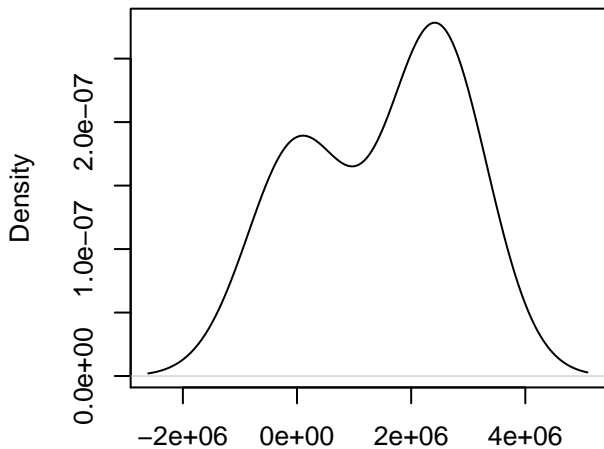
N = 14 Bandwidth = 88.93
breakpoint: 12078137 – 12078348 can-0 oy-0

line = MAGIC.183 , Chr = 1



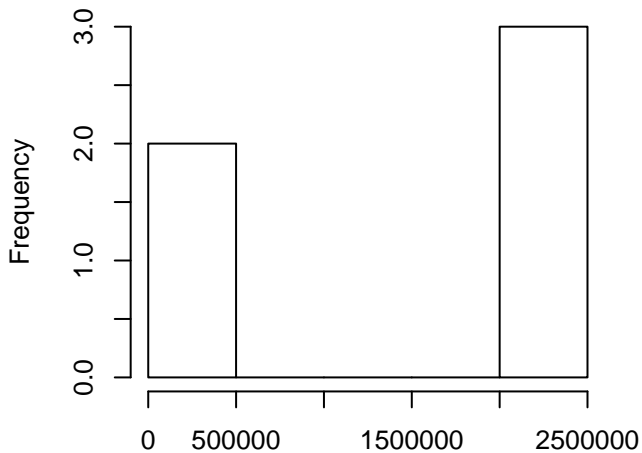
breakpoint: 12078137 – 12078348 can-0 oy-0

line = MAGIC.183 , Chr = 1



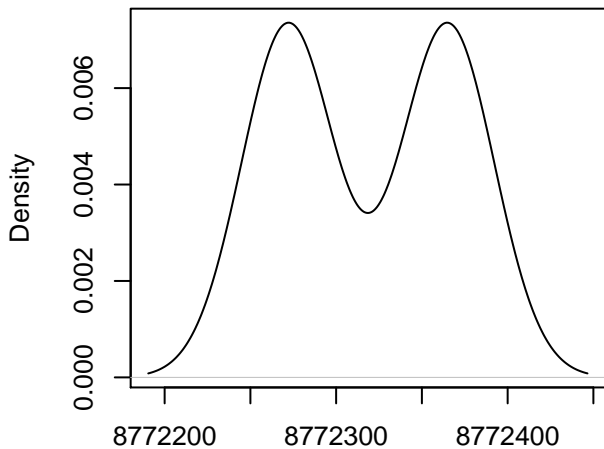
N = 5 Bandwidth = 8.72e+05
breakpoint: 12664916 – 12664931 wu-0 hi-0

line = MAGIC.183 , Chr = 1



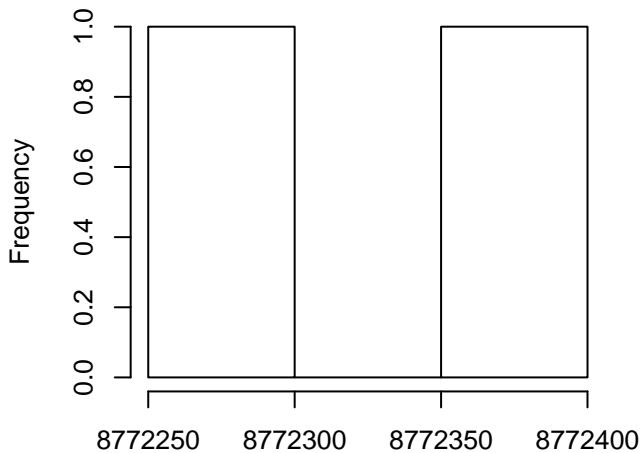
breakpoint: 12664916 – 12664931 wu-0 hi-0

line = MAGIC.183 , Chr = 1



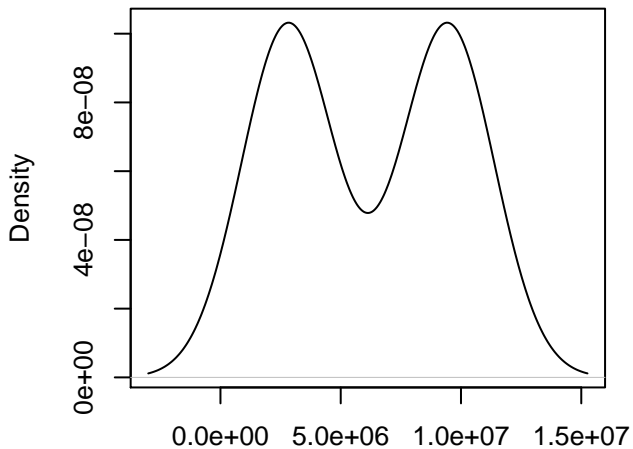
N = 2 Bandwidth = 27.19
breakpoint: 13224706 – 13224708 bur-0 wil-2

line = MAGIC.183 , Chr = 1



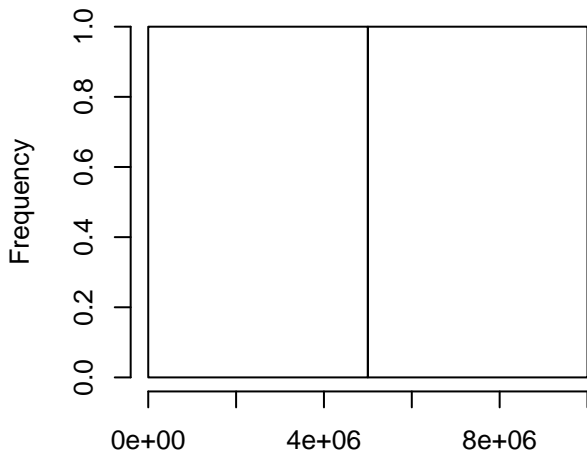
breakpoint: 13224706 – 13224708 bur-0 wil-2

line = MAGIC.183 , Chr = 1



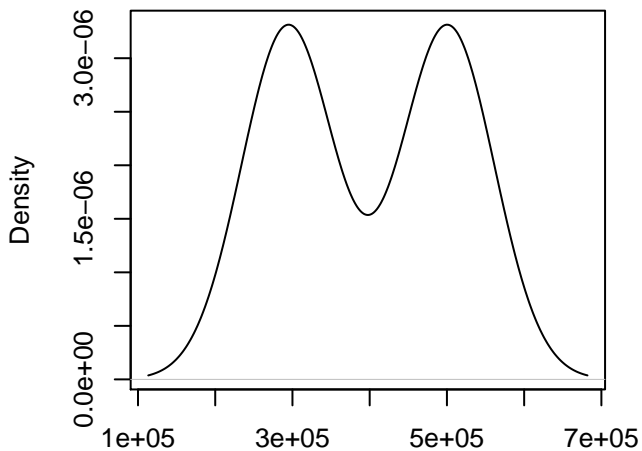
N = 2 Bandwidth = 1.938e+06
breakpoint: 13852524 – 13852534 ler-0 kn-0

line = MAGIC.183 , Chr = 1



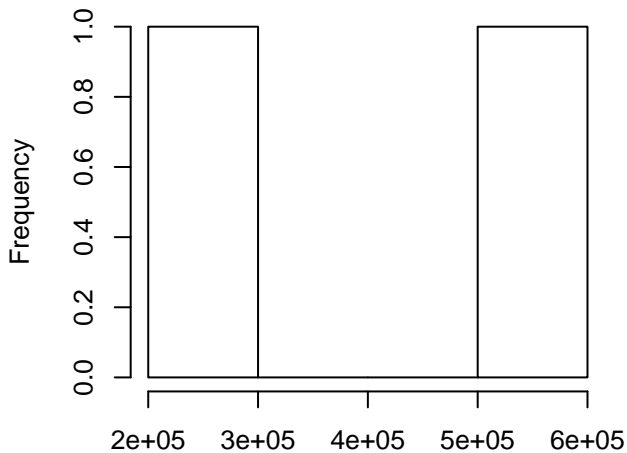
breakpoint: 13852524 – 13852534 ler-0 kn-0

line = MAGIC.183 , Chr = 1



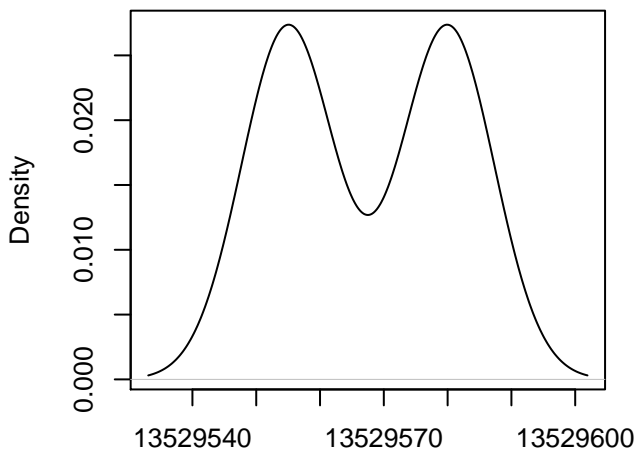
N = 2 Bandwidth = 6.037e+04
breakpoint: 15880246 – 15880247 ct-1 rsch-4

line = MAGIC.183 , Chr = 1



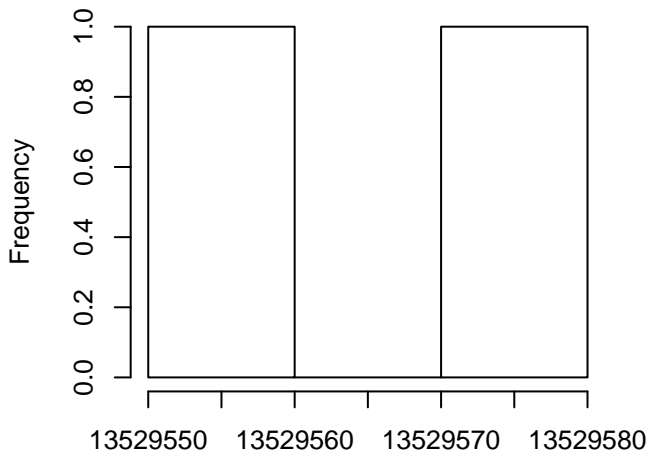
breakpoint: 15880246 – 15880247 ct-1 rsch-4

line = MAGIC.183 , Chr = 1



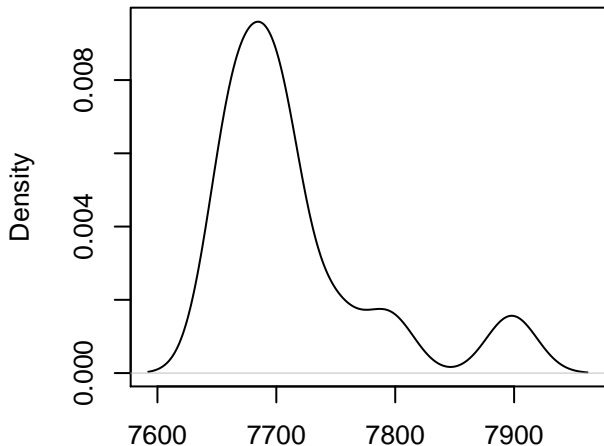
N = 2 Bandwidth = 7.309
breakpoint: 16233038 – 16233039 col-0 edi-0

line = MAGIC.183 , Chr = 1



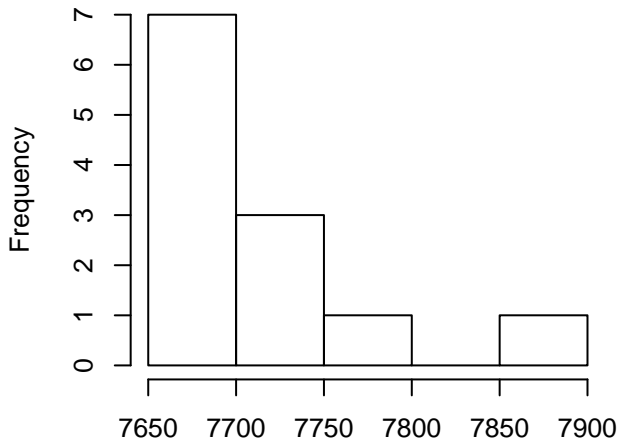
breakpoint: 16233038 – 16233039 col-0 edi-0

line = MAGIC.183 , Chr = 1



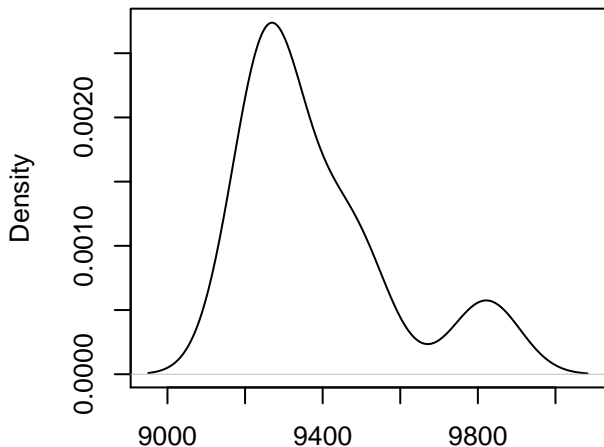
N = 12 Bandwidth = 21.25
breakpoint: 17528639 – 17528651 kn-0 wu-0

line = MAGIC.183 , Chr = 1



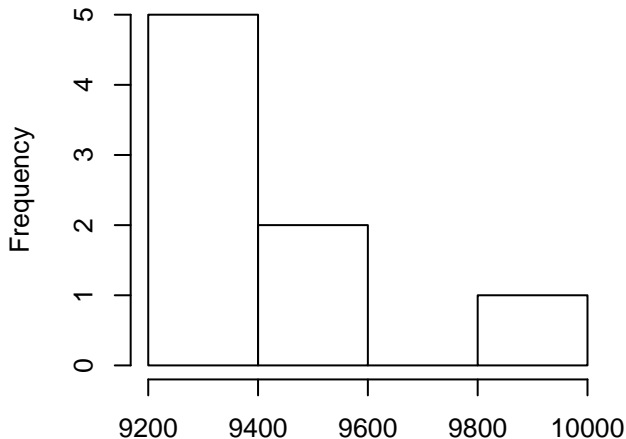
breakpoint: 17528639 – 17528651 kn-0 wu-0

line = MAGIC.183 , Chr = 1



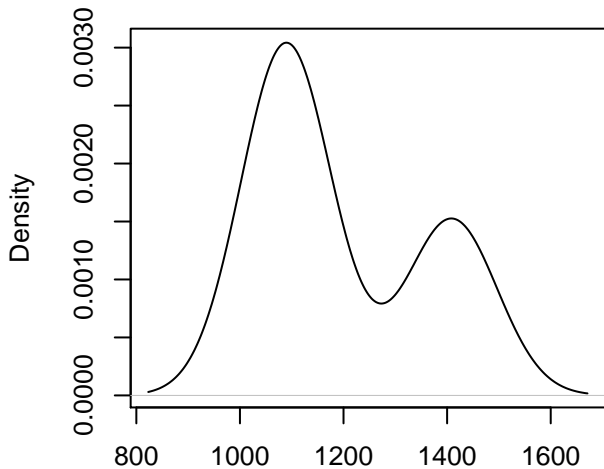
N = 8 Bandwidth = 86.85
breakpoint: 18154335 – 18163480 zu-0 rsch-4

line = MAGIC.183 , Chr = 1



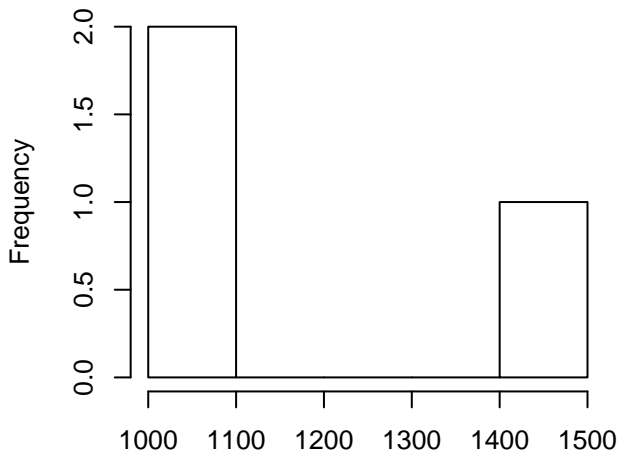
breakpoint: 18154335 – 18163480 zu-0 rsch-4

line = MAGIC.183 , Chr = 2



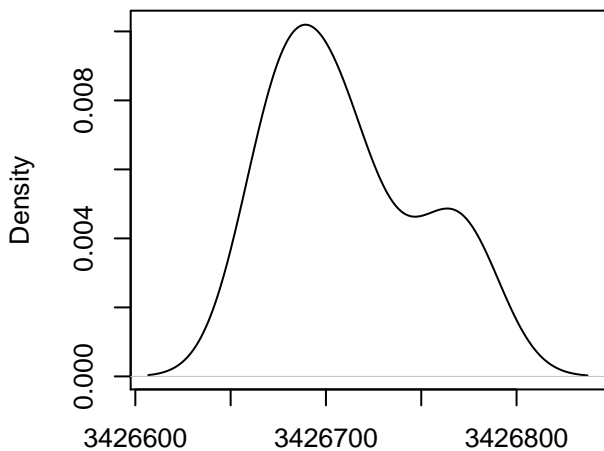
N = 3 Bandwidth = 87.34
breakpoint: 715603 – 715645 rsch-4 ct-1

line = MAGIC.183 , Chr = 2



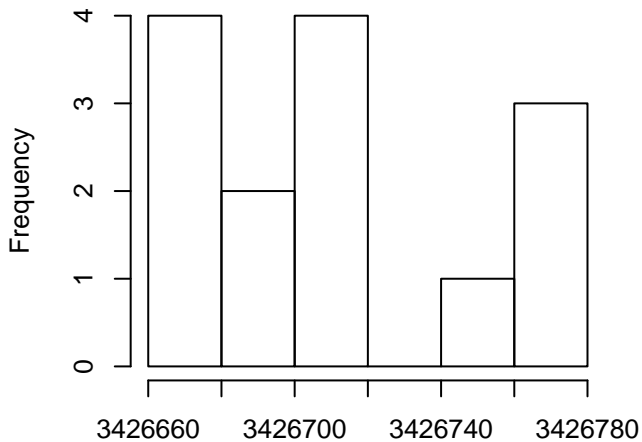
breakpoint: 715603 – 715645 rsch-4 ct-1

line = MAGIC.183 , Chr = 2



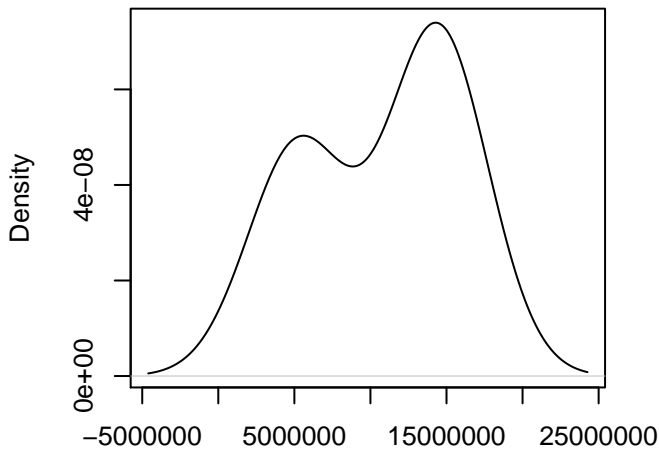
N = 14 Bandwidth = 20.41
breakpoint: 797399 – 797454 ws-0 edi-0

line = MAGIC.183 , Chr = 2



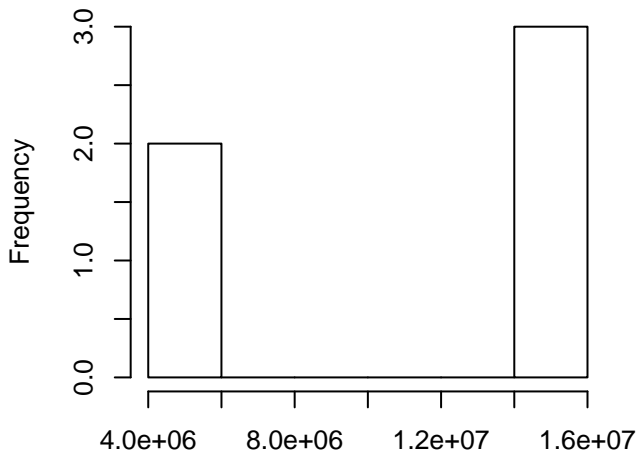
breakpoint: 797399 – 797454 ws-0 edi-0

line = MAGIC.183 , Chr = 2



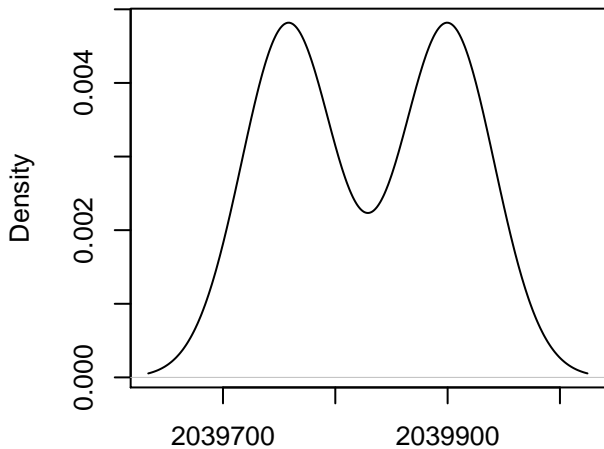
N = 5 Bandwidth = 3.281e+06
breakpoint: 2202719 – 2202726 ler-0 ct-1

line = MAGIC.183 , Chr = 2



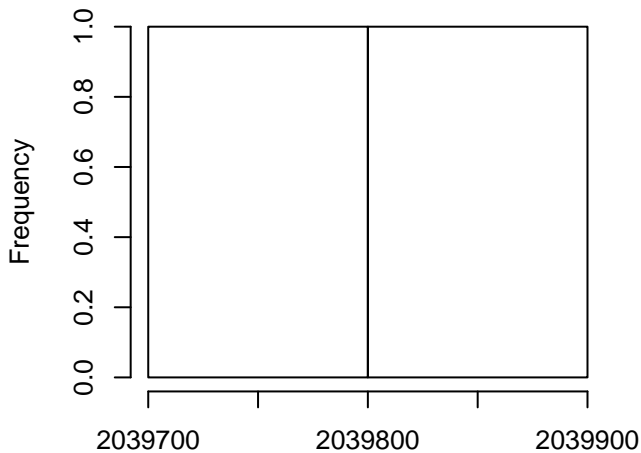
breakpoint: 2202719 – 2202726 ler-0 ct-1

line = MAGIC.183 , Chr = 2



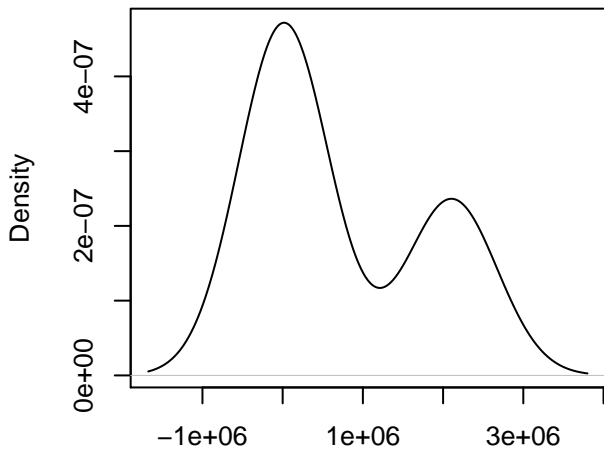
N = 2 Bandwidth = 41.51
breakpoint: 3090475 – 3090513 oy-0 kn-0

line = MAGIC.183 , Chr = 2



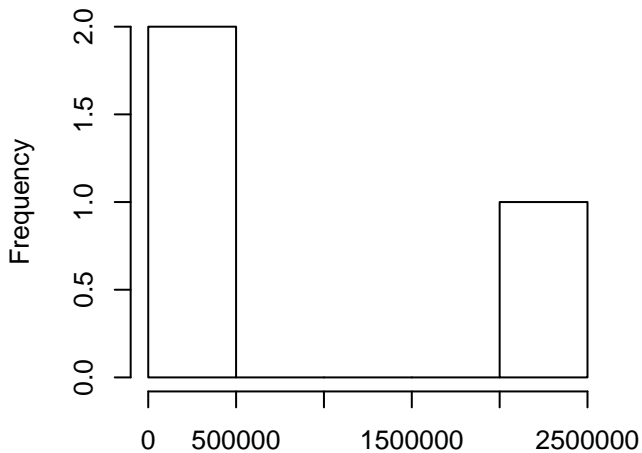
breakpoint: 3090475 – 3090513 oy-0 kn-0

line = MAGIC.183 , Chr = 2



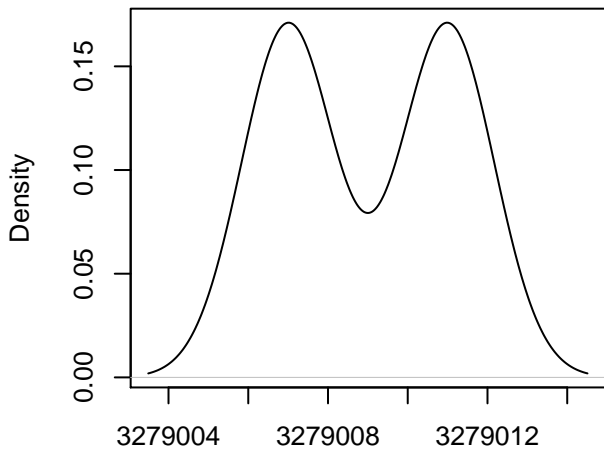
N = 3 Bandwidth = 5.64e+05
breakpoint: 3140092 – 3140102 kn-0 ct-1

line = MAGIC.183 , Chr = 2



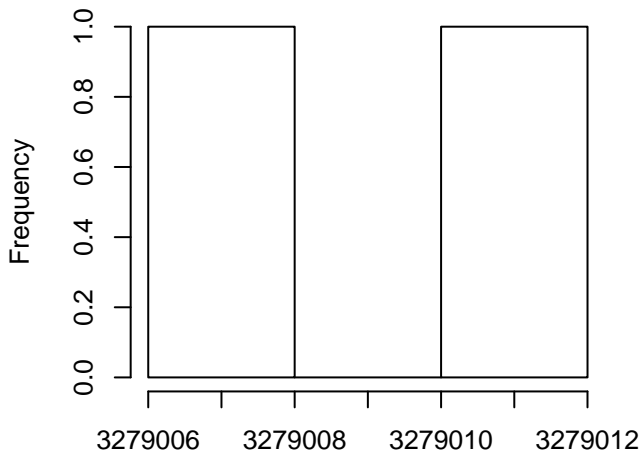
breakpoint: 3140092 – 3140102 kn-0 ct-1

line = MAGIC.183 , Chr = 2



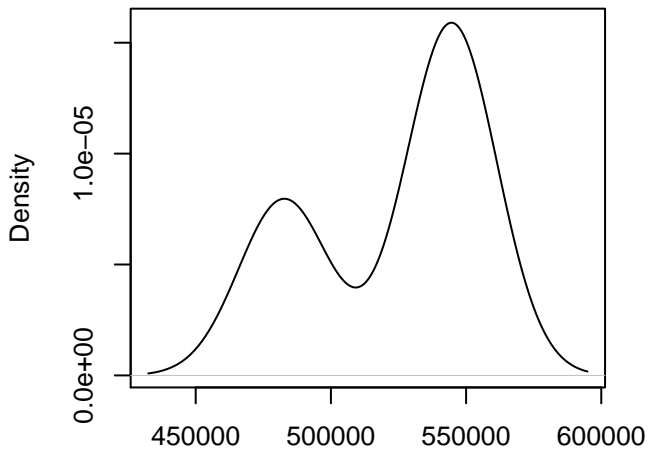
N = 2 Bandwidth = 1.169
breakpoint: 3514396 – 3514397 ct-1 rsch-4

line = MAGIC.183 , Chr = 2



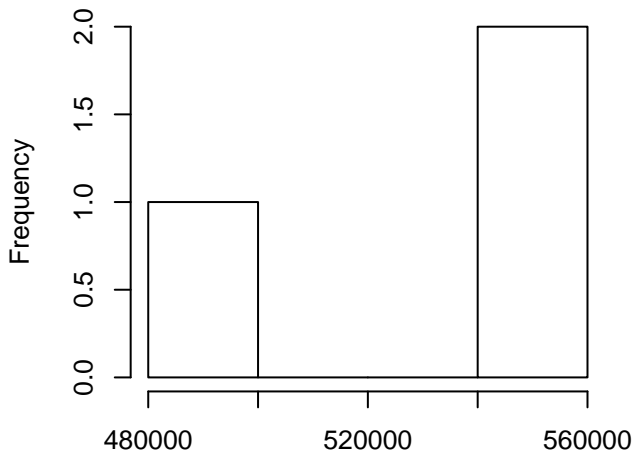
breakpoint: 3514396 – 3514397 ct-1 rsch-4

line = MAGIC.183 , Chr = 2



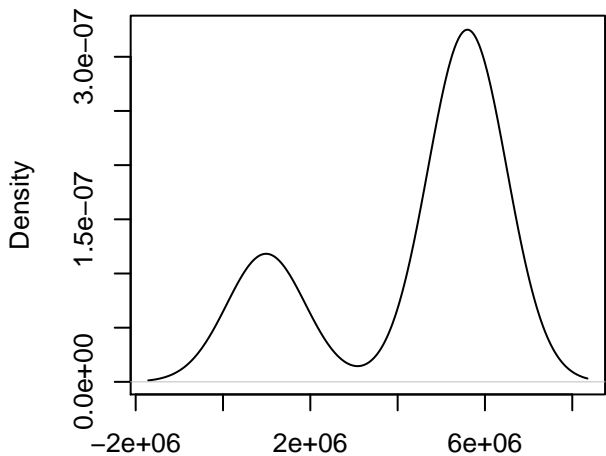
N = 3 Bandwidth = 1.673e+04
breakpoint: 4498372 - 4498417 bur-0 wu-0

line = MAGIC.183 , Chr = 2



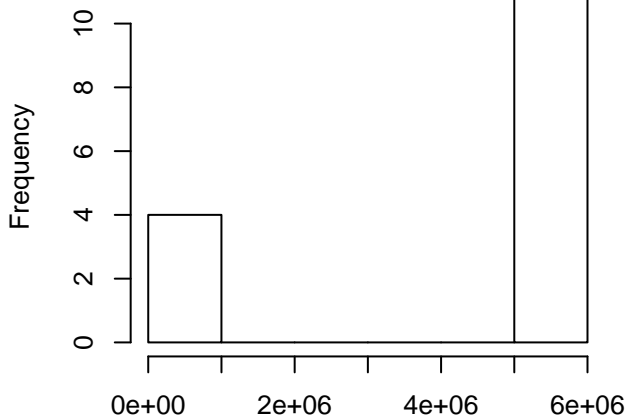
breakpoint: 4498372 - 4498417 bur-0 wu-0

line = MAGIC.183 , Chr = 2



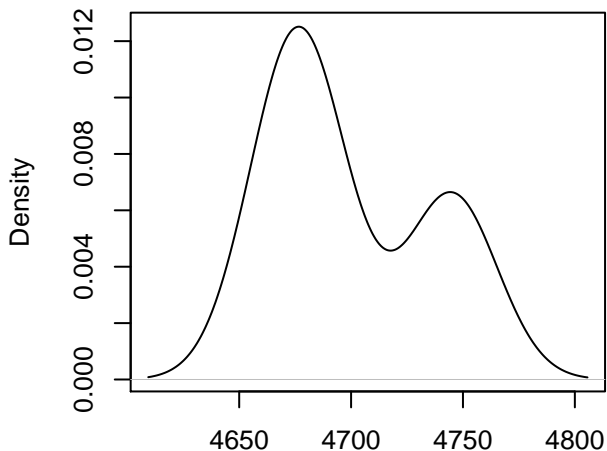
N = 15 Bandwidth = 8.999e+05
breakpoint: 4888514 - 4888515 po-0 sf-2

line = MAGIC.183 , Chr = 2



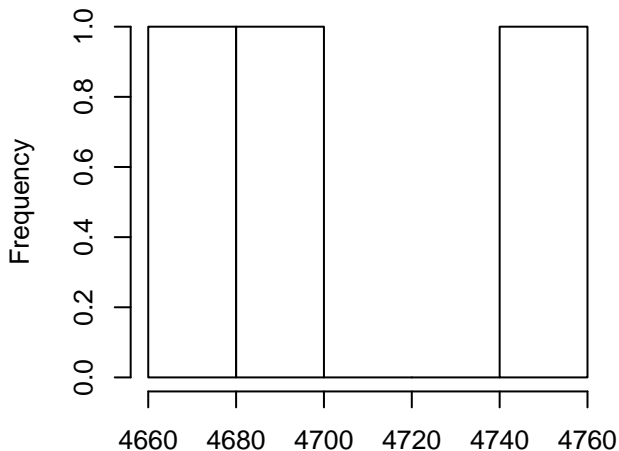
breakpoint: 4888514 - 4888515 po-0 sf-2

line = MAGIC.183 , Chr = 2



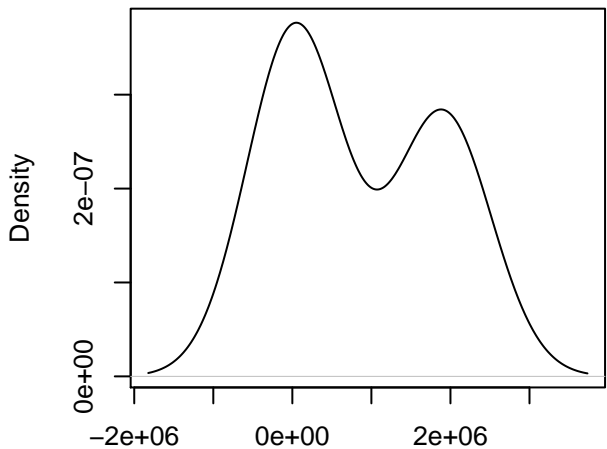
N = 3 Bandwidth = 20.22
breakpoint: 5915042 – 5915044 sf-2 wil-2

line = MAGIC.183 , Chr = 2



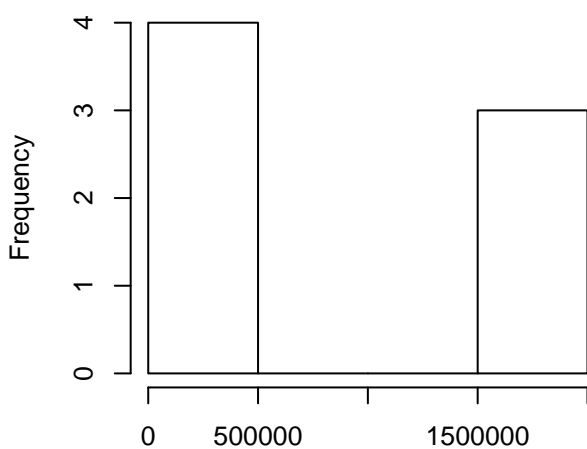
breakpoint: 5915042 – 5915044 sf-2 wil-2

line = MAGIC.183 , Chr = 2



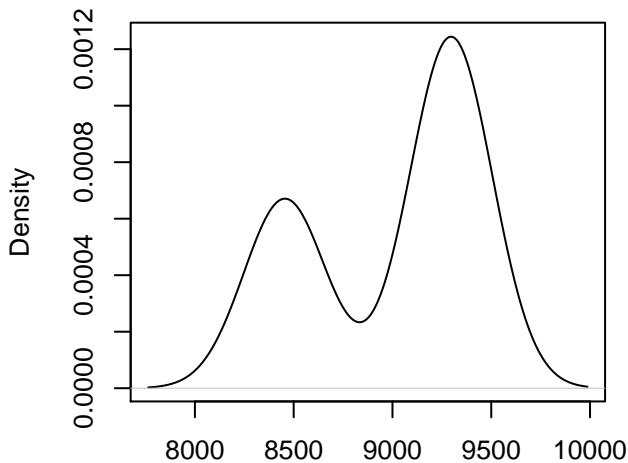
N = 7 Bandwidth = 6.092e+05
breakpoint: 6910157 – 6910247 po-0 ler-0

line = MAGIC.183 , Chr = 2



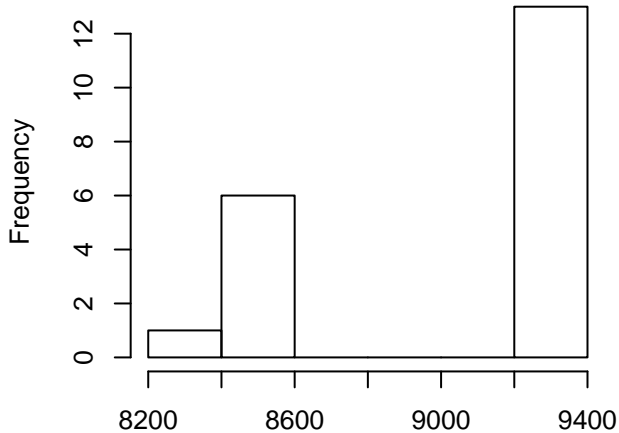
breakpoint: 6910157 – 6910247 po-0 ler-0

line = MAGIC.183 , Chr = 2



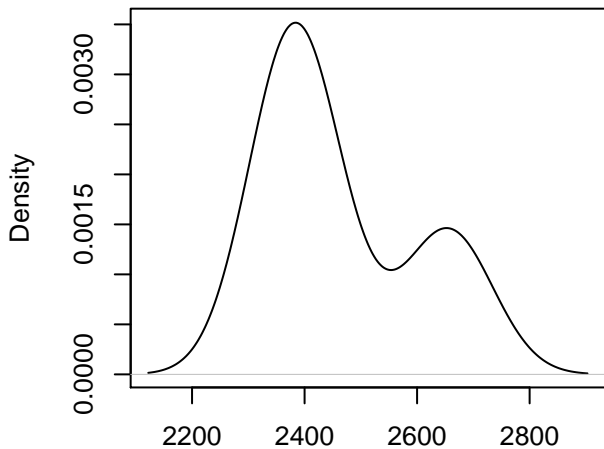
N = 20 Bandwidth = 204.7
breakpoint: 8529041 – 8529201 hi-0 wil-2

line = MAGIC.183 , Chr = 2



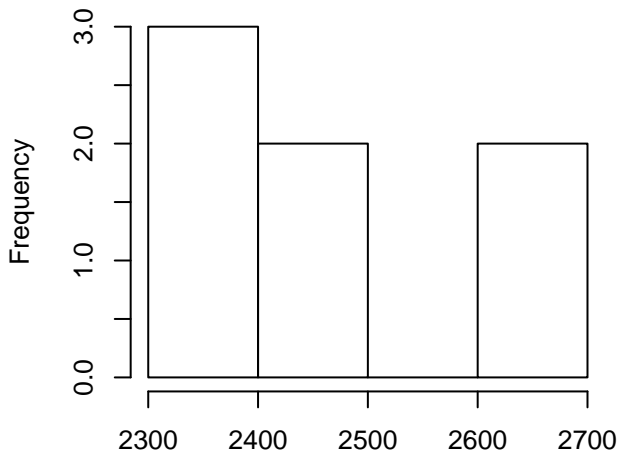
breakpoint: 8529041 – 8529201 hi-0 wil-2

line = MAGIC.183 , Chr = 2



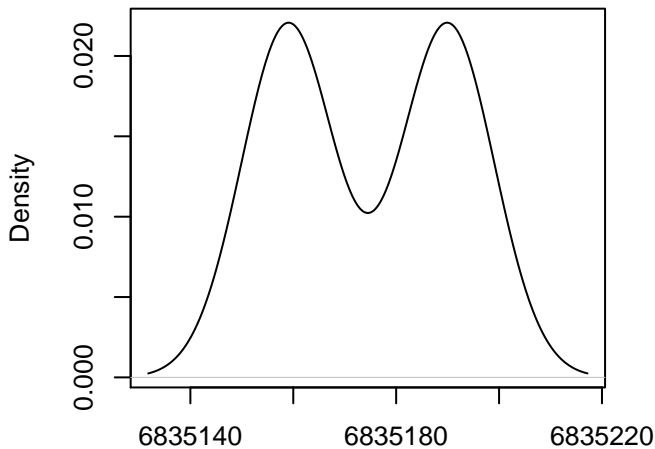
N = 7 Bandwidth = 73.96
breakpoint: 10314351 – 10314432 can-0 col-0

line = MAGIC.183 , Chr = 2



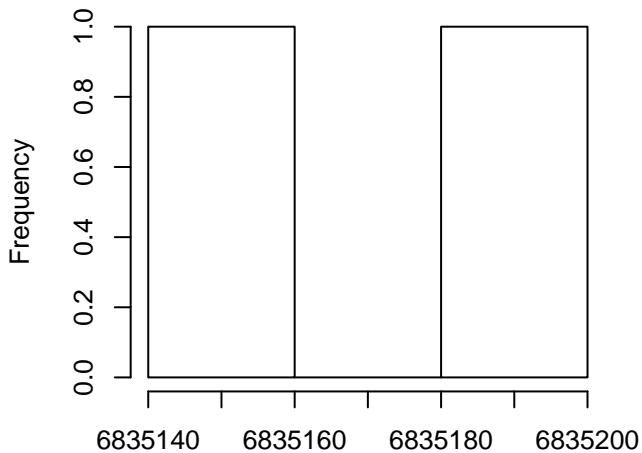
breakpoint: 10314351 – 10314432 can-0 col-0

line = MAGIC.183 , Chr = 3



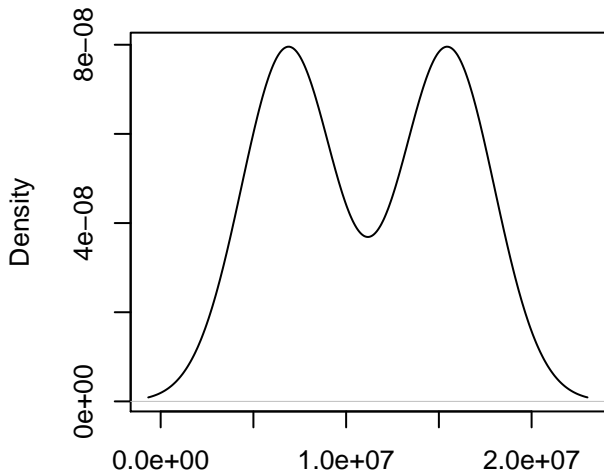
N = 2 Bandwidth = 9.063
breakpoint: 4753089 – 4753432 sf-2 can-0

line = MAGIC.183 , Chr = 3



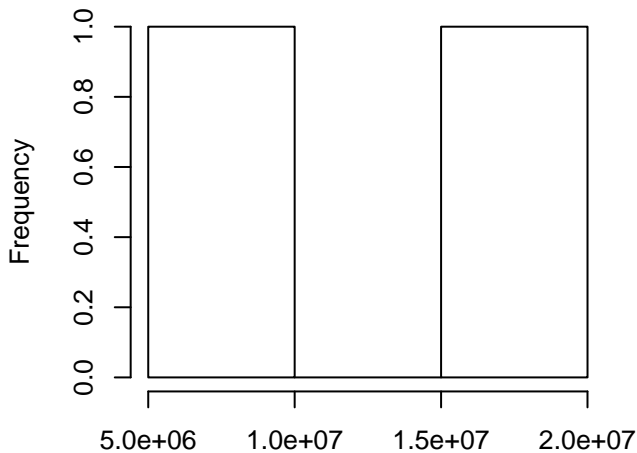
breakpoint: 4753089 – 4753432 sf-2 can-0

line = MAGIC.183 , Chr = 3



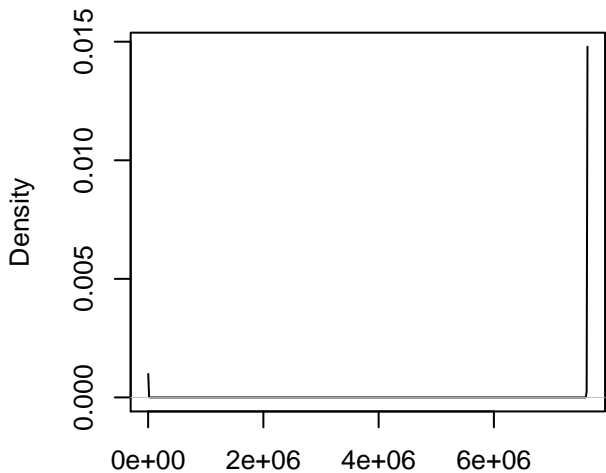
N = 2 Bandwidth = 2.514e+06
breakpoint: 6718185 – 6718940 ct-1 edi-0

line = MAGIC.183 , Chr = 3



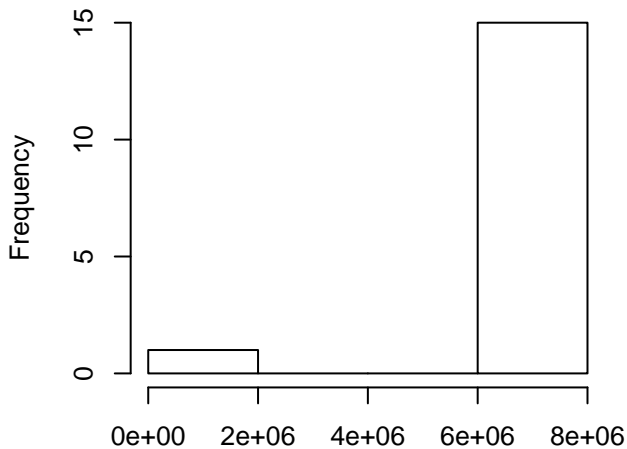
breakpoint: 6718185 – 6718940 ct-1 edi-0

line = MAGIC.183 , Chr = 3



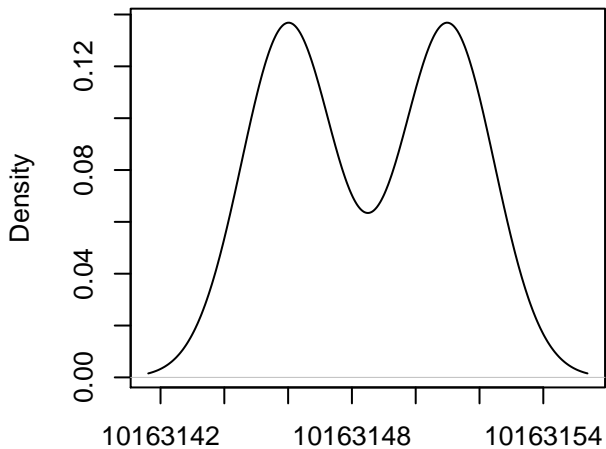
N = 16 Bandwidth = 24.69
breakpoint: 7403294 – 7403489 oy-0 col-0

line = MAGIC.183 , Chr = 3



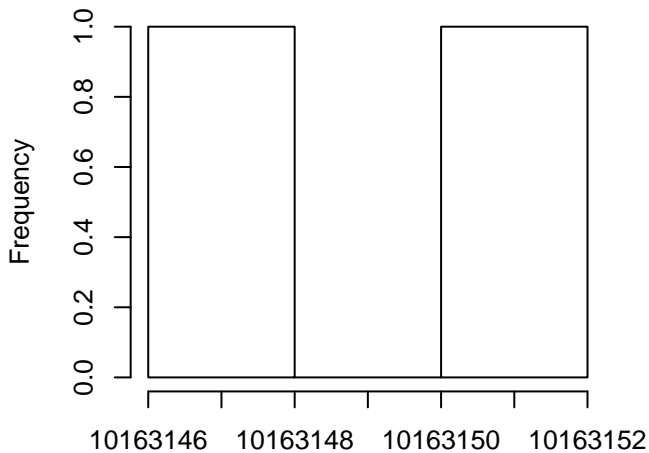
breakpoint: 7403294 – 7403489 oy-0 col-0

line = MAGIC.183 , Chr = 3



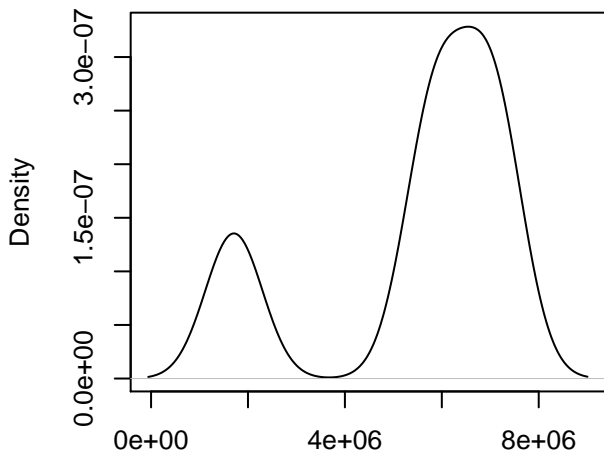
N = 2 Bandwidth = 1.462
breakpoint: 9593971 – 9594281 tsu-0 oy-0

line = MAGIC.183 , Chr = 3



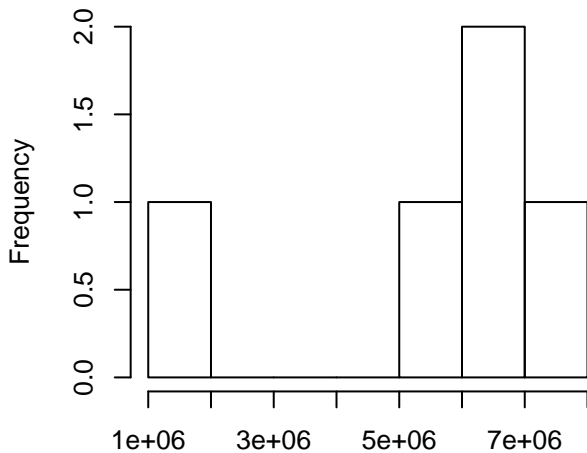
breakpoint: 9593971 – 9594281 tsu-0 oy-0

line = MAGIC.183 , Chr = 3



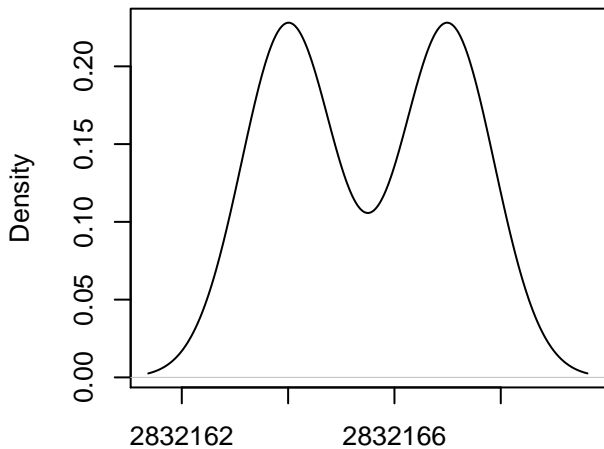
N = 5 Bandwidth = 5.892e+05
breakpoint: 10181102 – 10181111 ct-1 col-0

line = MAGIC.183 , Chr = 3



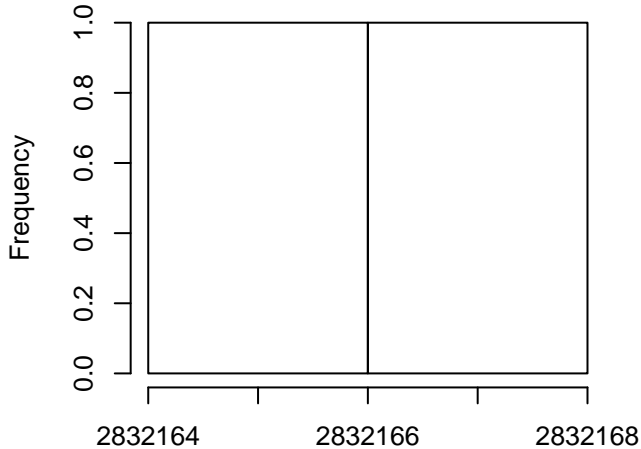
breakpoint: 10181102 – 10181111 ct-1 col-0

line = MAGIC.183 , Chr = 3



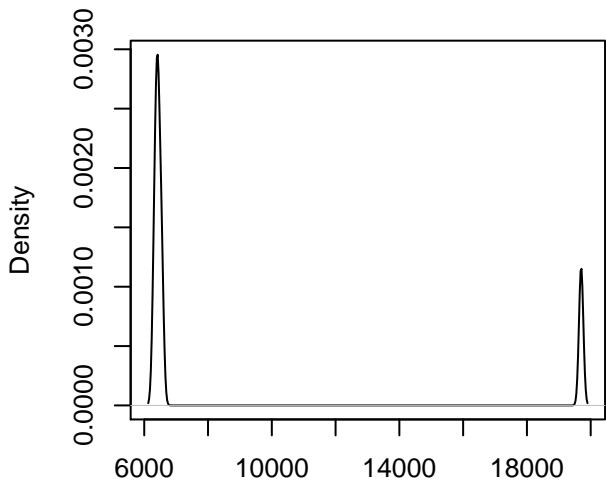
N = 2 Bandwidth = 0.877
breakpoint: 10296792 – 10296812 col-0 hi-0

line = MAGIC.183 , Chr = 3



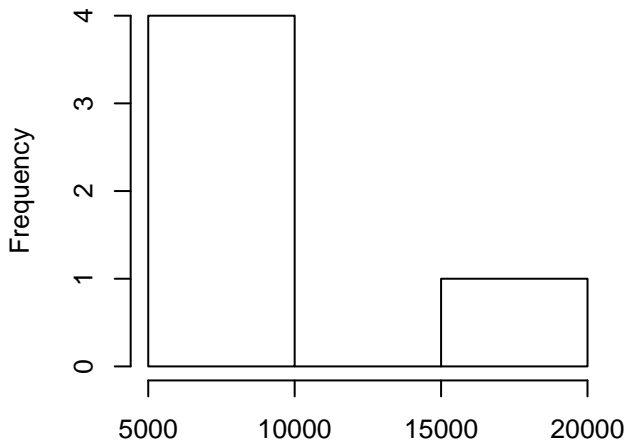
breakpoint: 10296792 – 10296812 col-0 hi-0

line = MAGIC.183 , Chr = 3



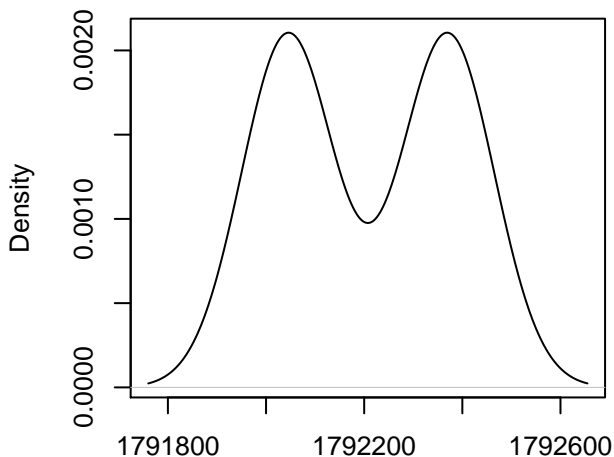
N = 5 Bandwidth = 66.2
breakpoint: 10688733 – 10688745 oy-0 ler-0

line = MAGIC.183 , Chr = 3



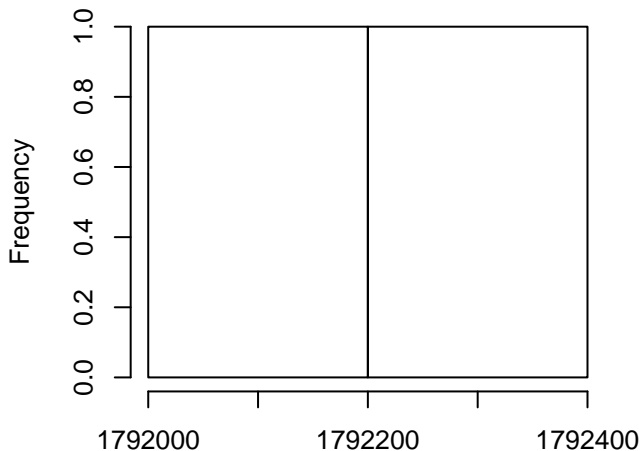
breakpoint: 10688733 – 10688745 oy-0 ler-0

line = MAGIC.183 , Chr = 3



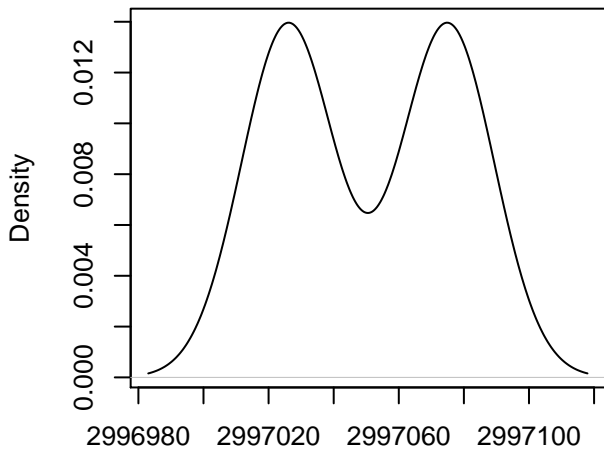
N = 2 Bandwidth = 95.01
breakpoint: 11377100 – 11377104 bur-0 oy-0

line = MAGIC.183 , Chr = 3



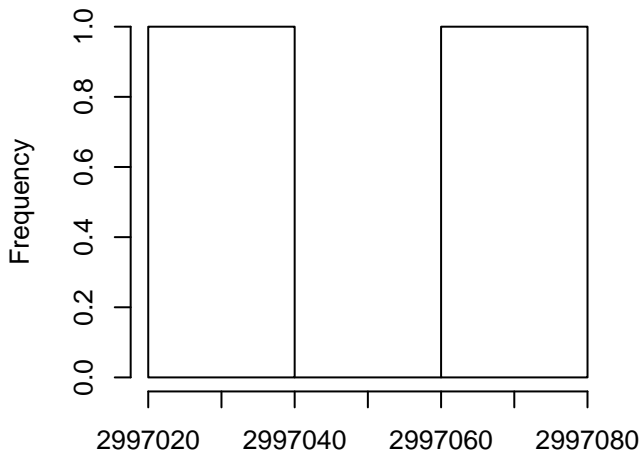
breakpoint: 11377100 – 11377104 bur-0 oy-0

line = MAGIC.183 , Chr = 3



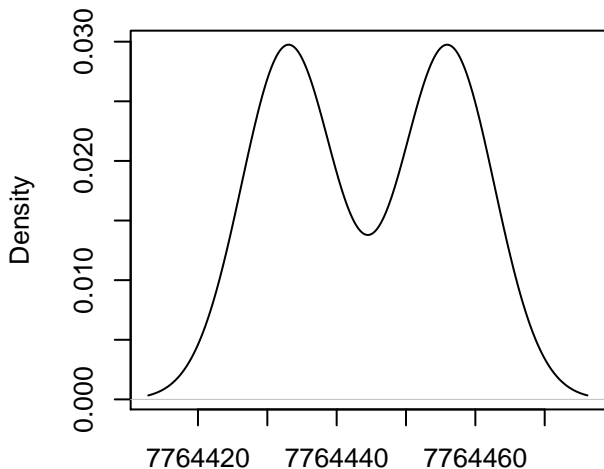
N = 2 Bandwidth = 14.33
breakpoint: 11603015 – 11603050 bur-0 oy-0

line = MAGIC.183 , Chr = 3



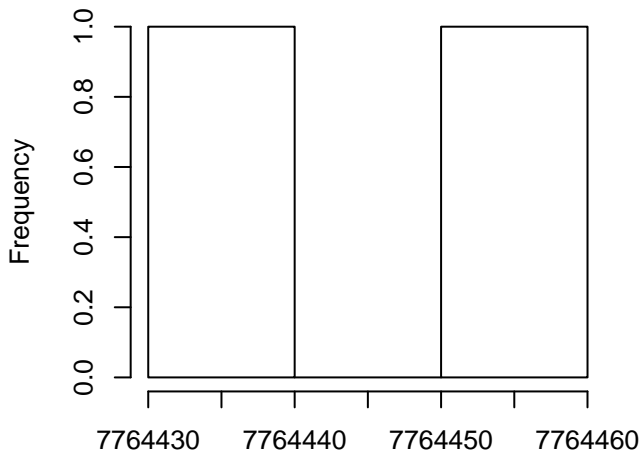
breakpoint: 11603015 – 11603050 bur-0 oy-0

line = MAGIC.183 , Chr = 3



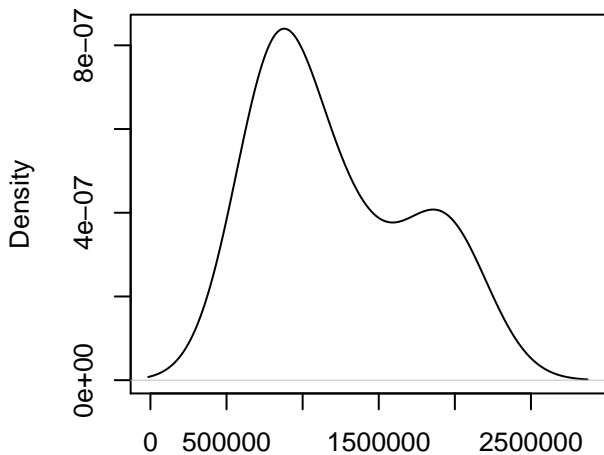
N = 2 Bandwidth = 6.724
breakpoint: 11719600 – 11719609 wil-2 wu-0

line = MAGIC.183 , Chr = 3



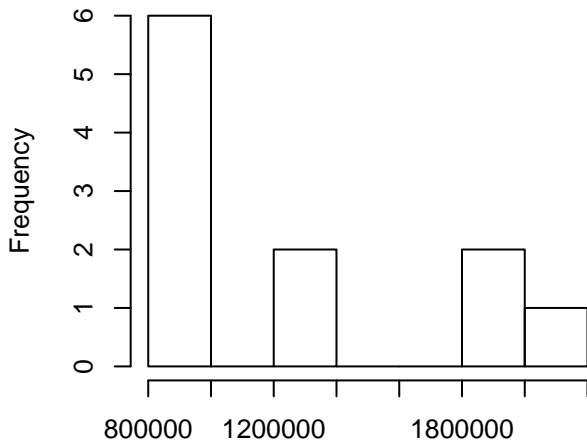
breakpoint: 11719600 – 11719609 wil-2 wu-0

line = MAGIC.183 , Chr = 3



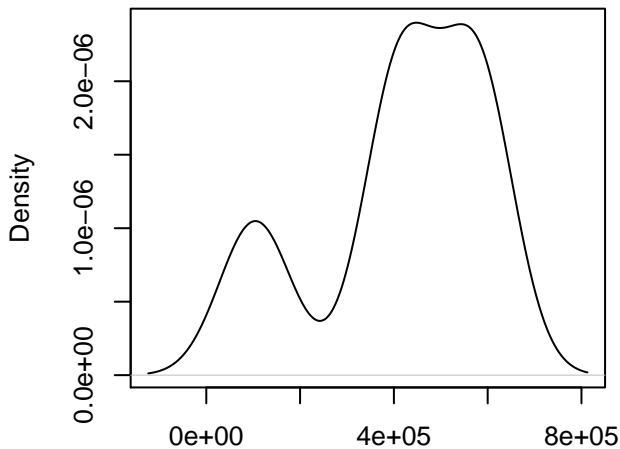
N = 11 Bandwidth = 2.752e+05
breakpoint: 13114376 – 13114402 sf-2 wu-0

line = MAGIC.183 , Chr = 3



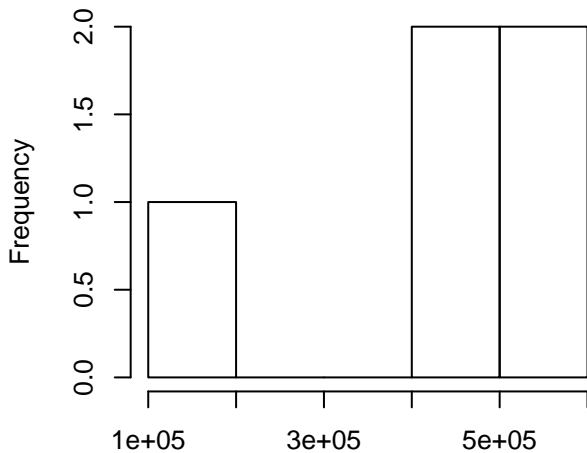
breakpoint: 13114376 – 13114402 sf-2 wu-0

line = MAGIC.183 , Chr = 3



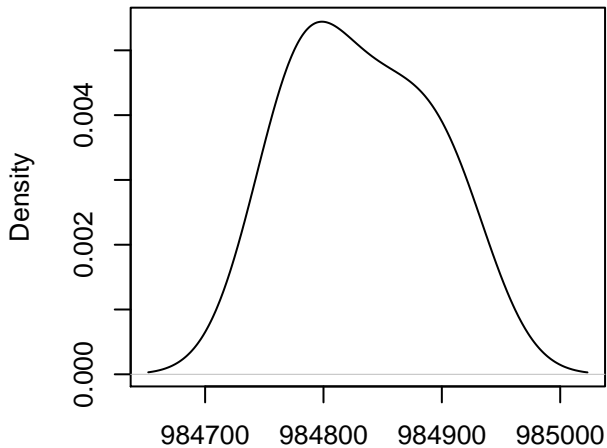
N = 5 Bandwidth = 7.612e+04
breakpoint: 13995571 – 13997273 wu-0 bur-0

line = MAGIC.183 , Chr = 3



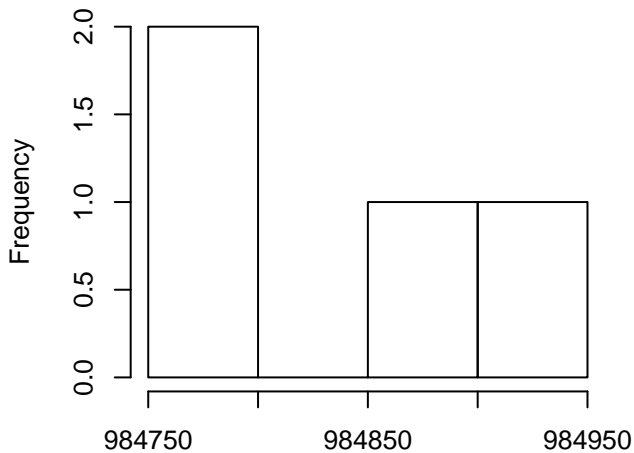
breakpoint: 13995571 – 13997273 wu-0 bur-0

line = MAGIC.183 , Chr = 3



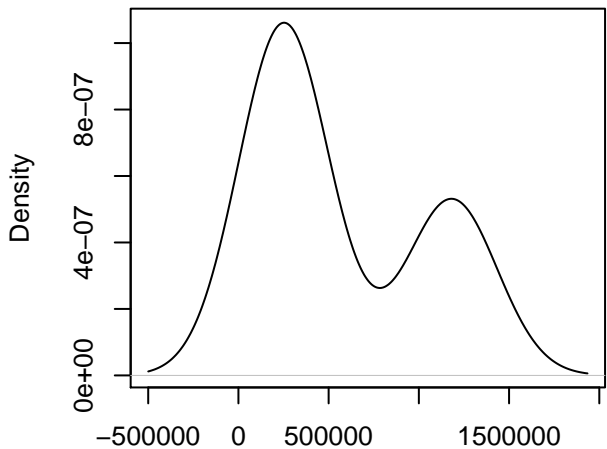
N = 4 Bandwidth = 38.68
breakpoint: 14523549 – 14523563 tsu-0 no-0

line = MAGIC.183 , Chr = 3



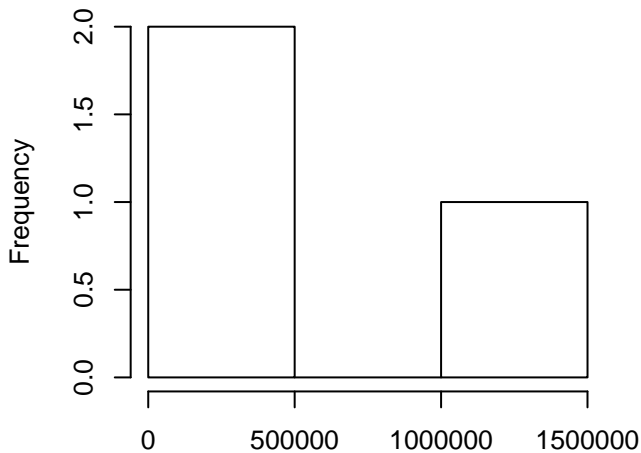
breakpoint: 14523549 – 14523563 tsu-0 no-0

line = MAGIC.183 , Chr = 3



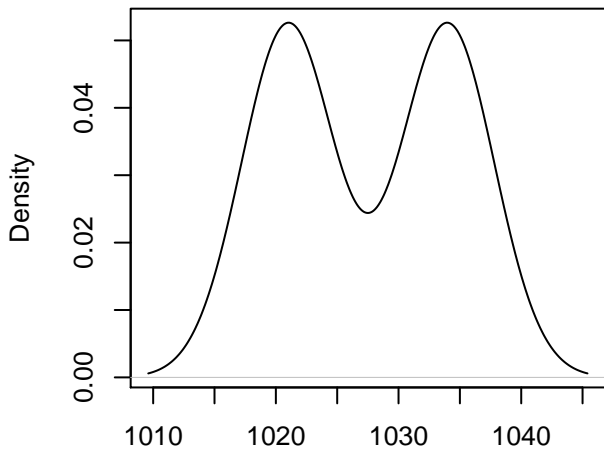
N = 3 Bandwidth = 2.507e+05
breakpoint: 15169998 – 15170034 mt-0 hi-0

line = MAGIC.183 , Chr = 3



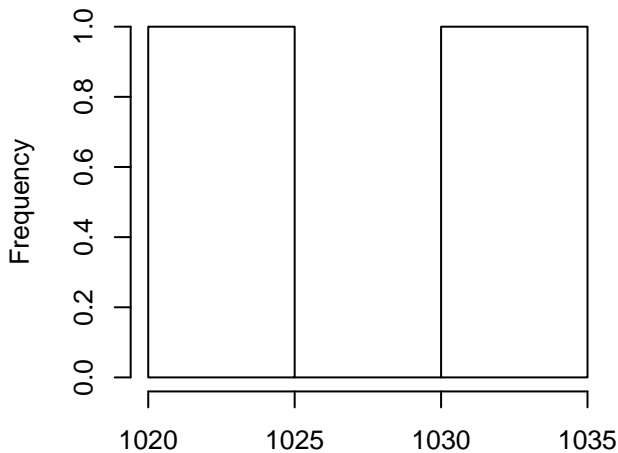
breakpoint: 15169998 – 15170034 mt-0 hi-0

line = MAGIC.183 , Chr = 3



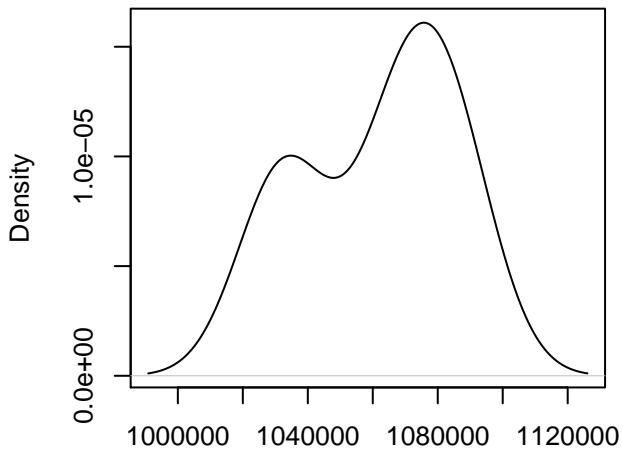
N = 2 Bandwidth = 3.801
breakpoint: 15205914 – 15205995 rsch-4 po-0

line = MAGIC.183 , Chr = 3



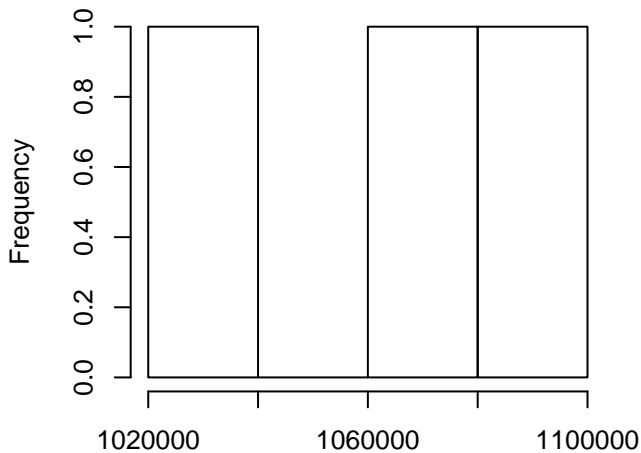
breakpoint: 15205914 – 15205995 rsch-4 po-0

line = MAGIC.183 , Chr = 3



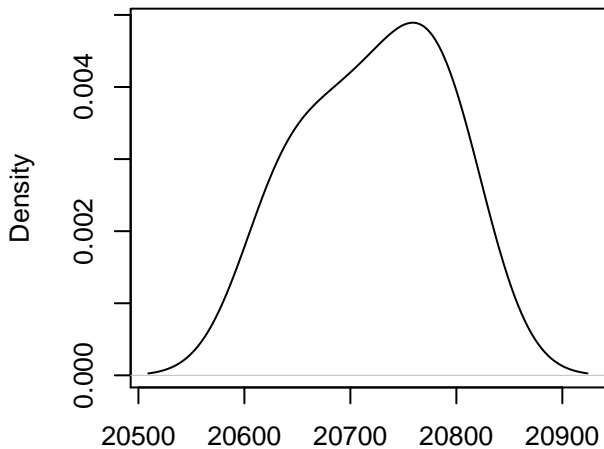
N = 3 Bandwidth = 1.393e+04
breakpoint: 15646992 – 15647044 no-0 ct-1

line = MAGIC.183 , Chr = 3



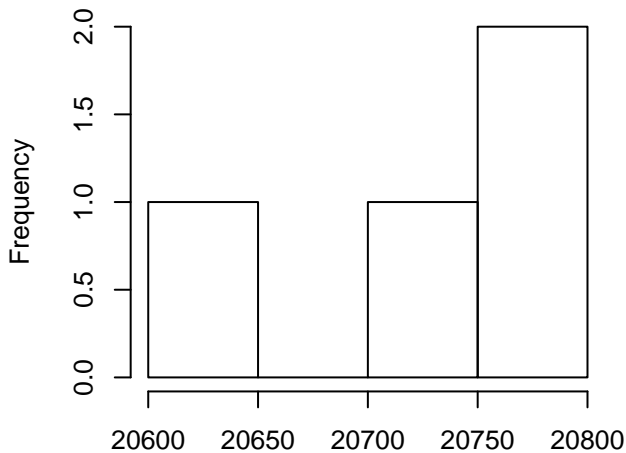
breakpoint: 15646992 – 15647044 no-0 ct-1

line = MAGIC.183 , Chr = 3



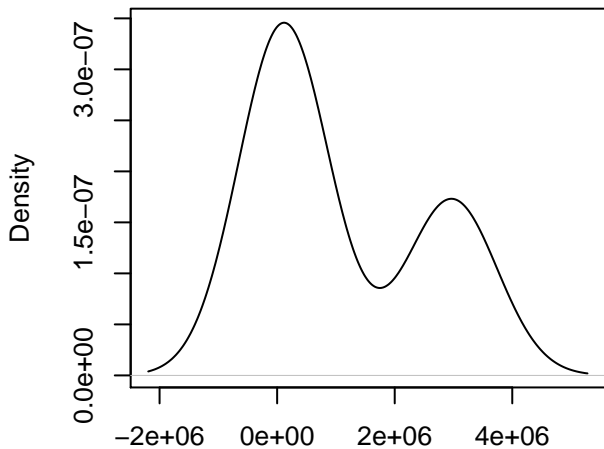
N = 4 Bandwidth = 42.25
breakpoint: 15729817 – 15729855 ct-1 tsu-0

line = MAGIC.183 , Chr = 3



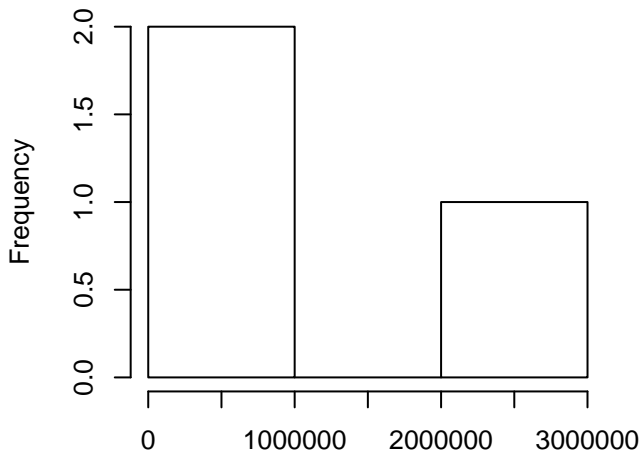
breakpoint: 15729817 – 15729855 ct-1 tsu-0

line = MAGIC.183 , Chr = 3



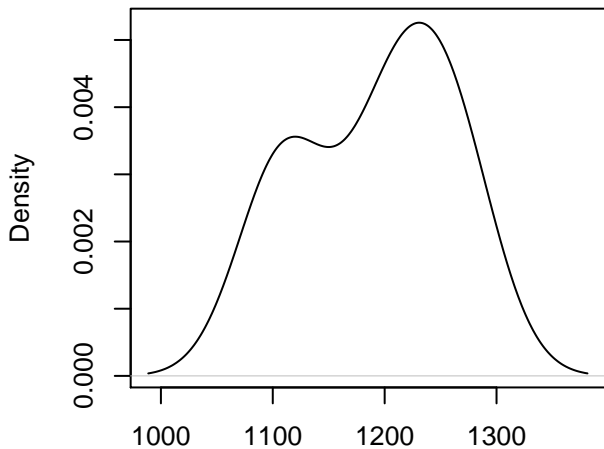
N = 3 Bandwidth = 7.696e+05
breakpoint: 16444086 – 16444087 bur-0 tsu-0

line = MAGIC.183 , Chr = 3



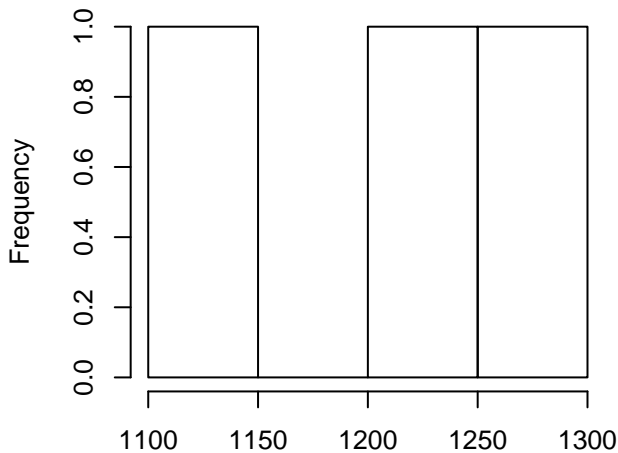
breakpoint: 16444086 – 16444087 bur-0 tsu-0

line = MAGIC.183 , Chr = 3



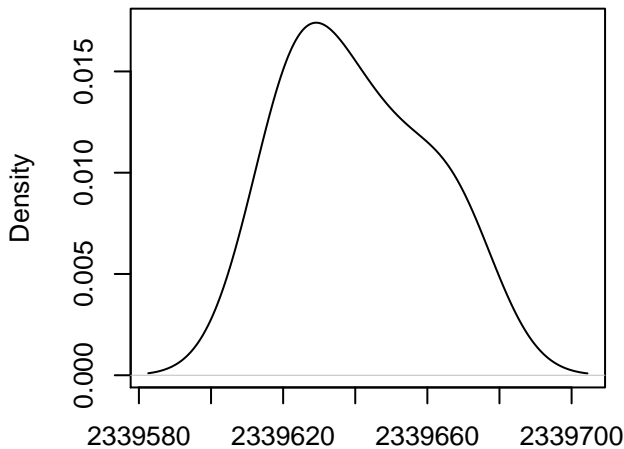
N = 3 Bandwidth = 40.44
breakpoint: 17639620 – 17639631 zu-0 can-0

line = MAGIC.183 , Chr = 3



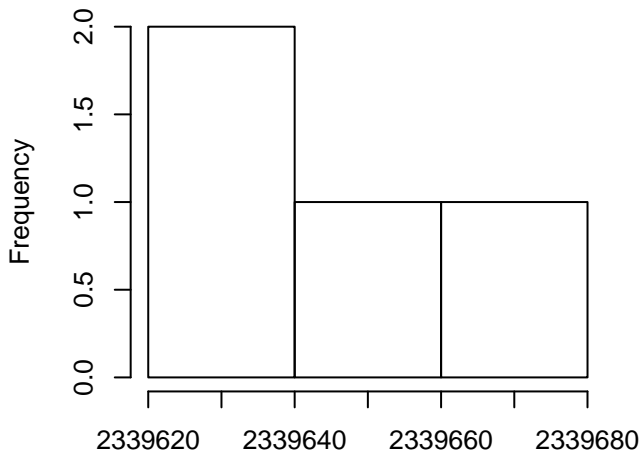
breakpoint: 17639620 – 17639631 zu-0 can-0

line = MAGIC.183 , Chr = 4



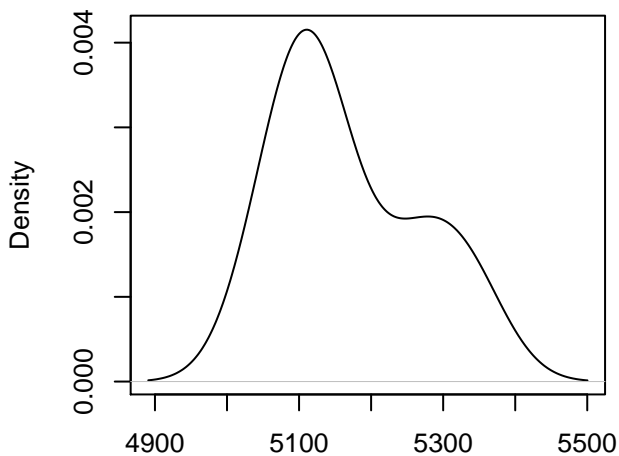
N = 4 Bandwidth = 12.47
breakpoint: 192607 – 192624 tsu-0 col-0

line = MAGIC.183 , Chr = 4



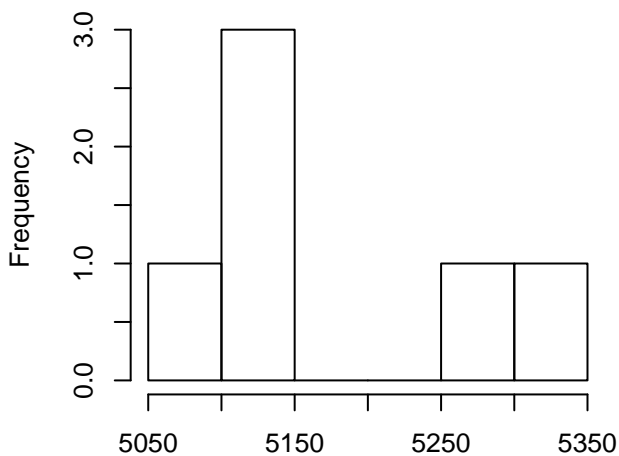
breakpoint: 192607 – 192624 tsu-0 col-0

line = MAGIC.183 , Chr = 4



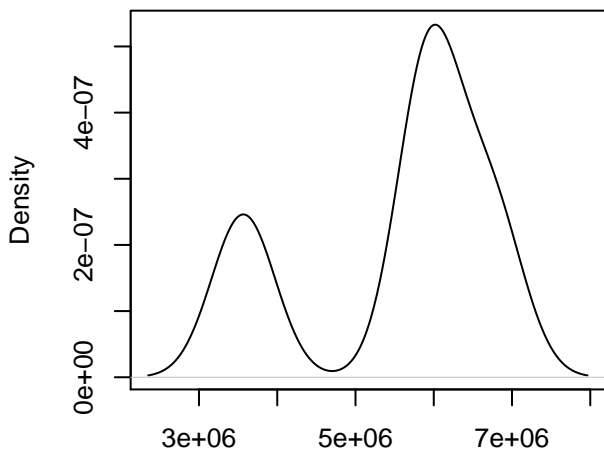
N = 6 Bandwidth = 56.44
breakpoint: 860861 – 860880 col-0 oy-0

line = MAGIC.183 , Chr = 4



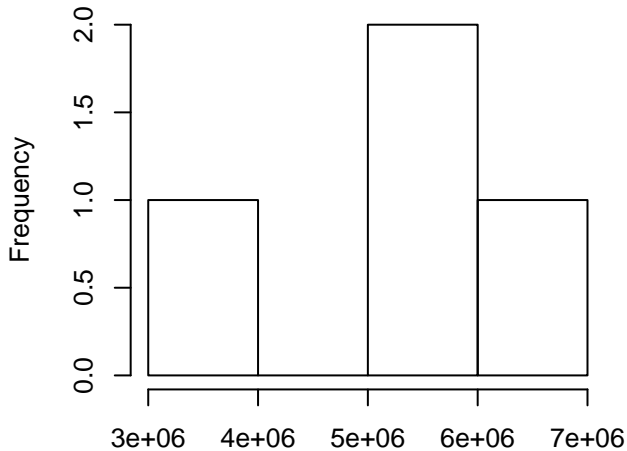
breakpoint: 860861 – 860880 col-0 oy-0

line = MAGIC.183 , Chr = 4



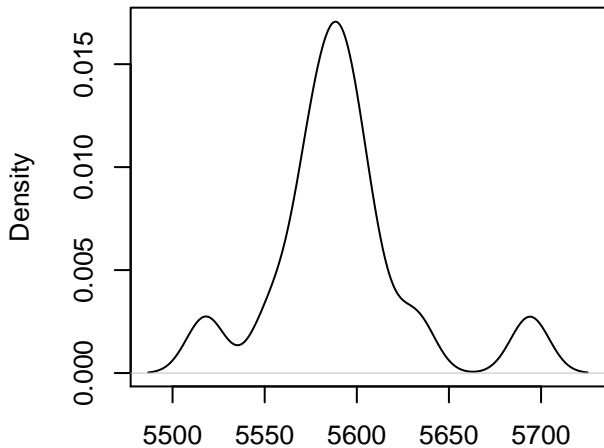
N = 4 Bandwidth = 4.05e+05
breakpoint: 2342504 – 2342513 oy-0 sf-2

line = MAGIC.183 , Chr = 4



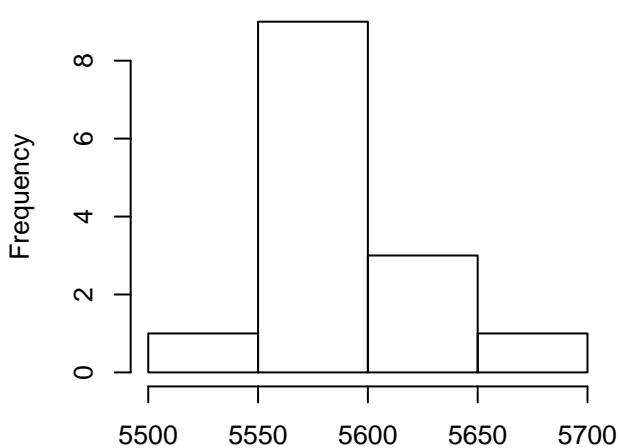
breakpoint: 2342504 – 2342513 oy-0 sf-2

line = MAGIC.183 , Chr = 4



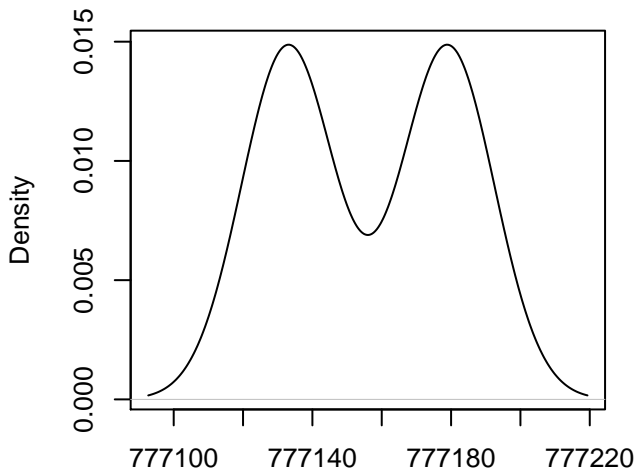
N = 14 Bandwidth = 10.4
breakpoint: 2389956 – 2390018 mt-0 bur-0

line = MAGIC.183 , Chr = 4



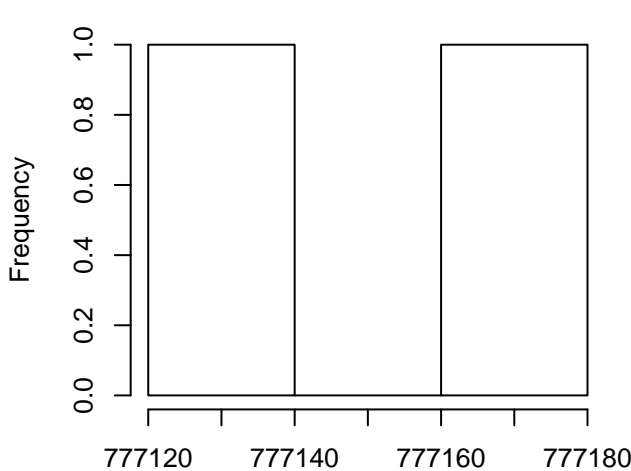
breakpoint: 2389956 – 2390018 mt-0 bur-0

line = MAGIC.183 , Chr = 4



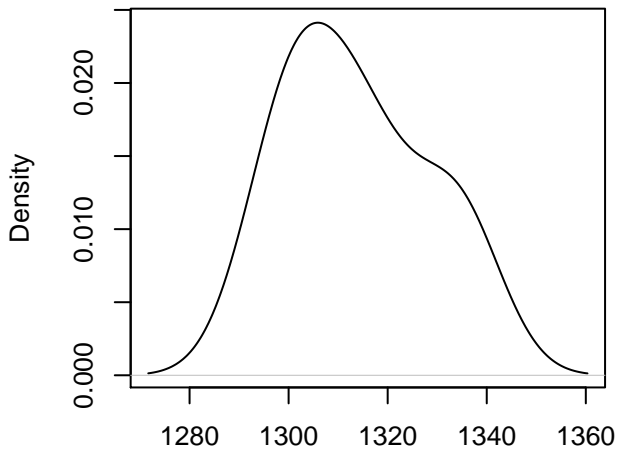
N = 2 Bandwidth = 13.45
breakpoint: 4258407 – 4258425 rsch-4 wil-2

line = MAGIC.183 , Chr = 4



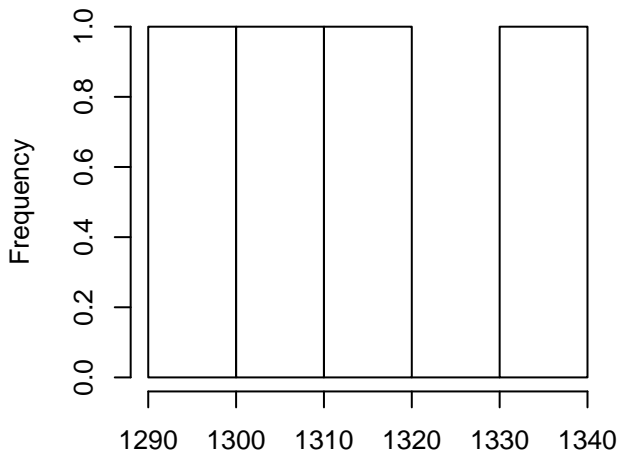
breakpoint: 4258407 – 4258425 rsch-4 wil-2

line = MAGIC.183 , Chr = 4



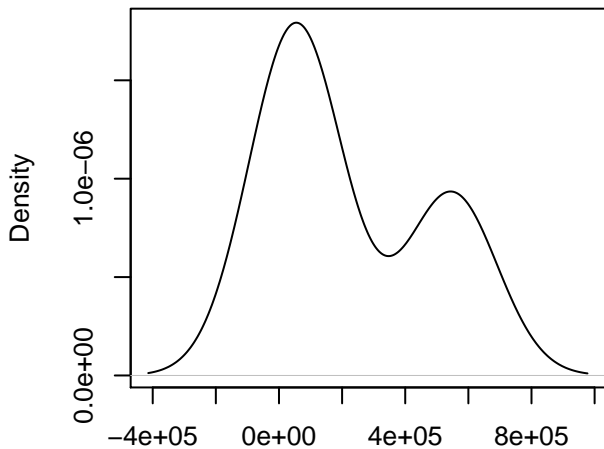
N = 4 Bandwidth = 8.78
breakpoint: 4452713 – 4452768 wil-2 can-0

line = MAGIC.183 , Chr = 4



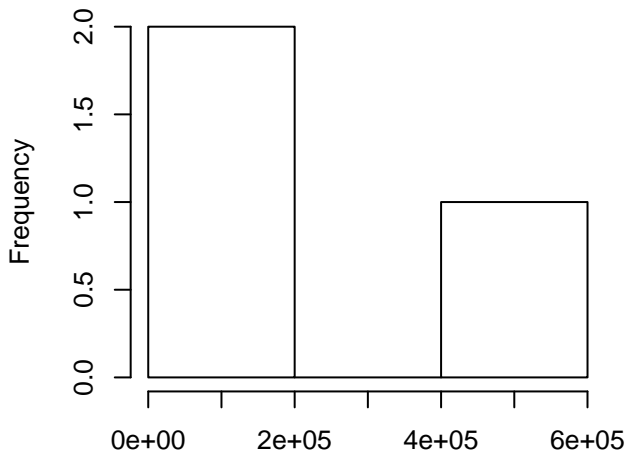
breakpoint: 4452713 – 4452768 wil-2 can-0

line = MAGIC.183 , Chr = 4



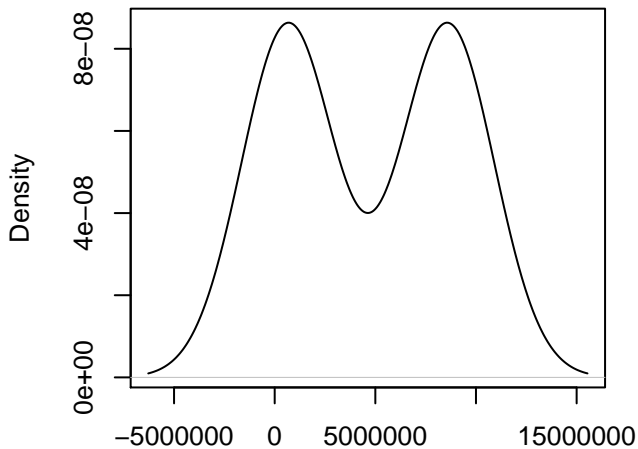
N = 3 Bandwidth = 1.433e+05
breakpoint: 4854400 – 4854408 wil-2 ct-1

line = MAGIC.183 , Chr = 4



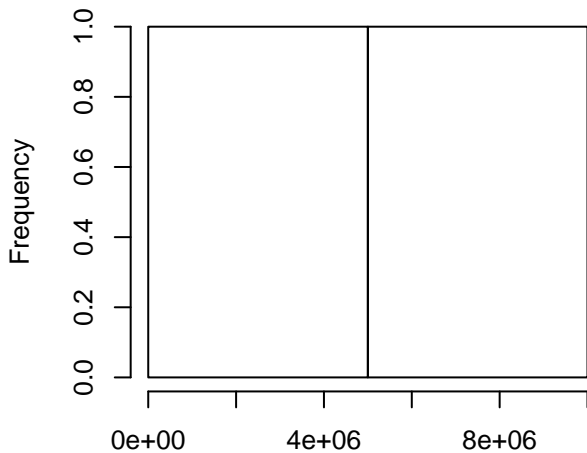
breakpoint: 4854400 – 4854408 wil-2 ct-1

line = MAGIC.183 , Chr = 4



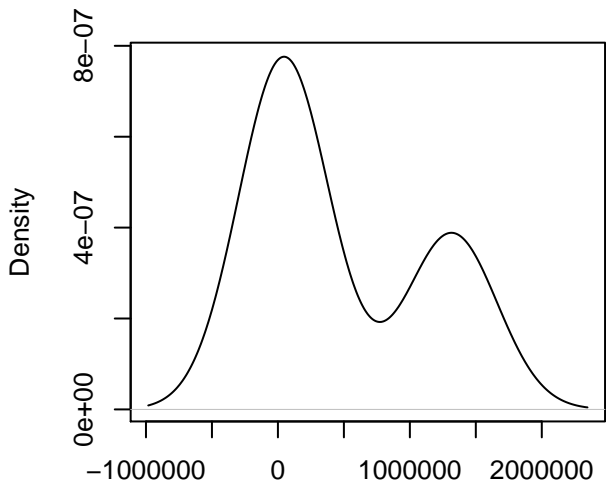
N = 2 Bandwidth = 2.316e+06
breakpoint: 5835091 – 5835100 po-0 ct-1

line = MAGIC.183 , Chr = 4



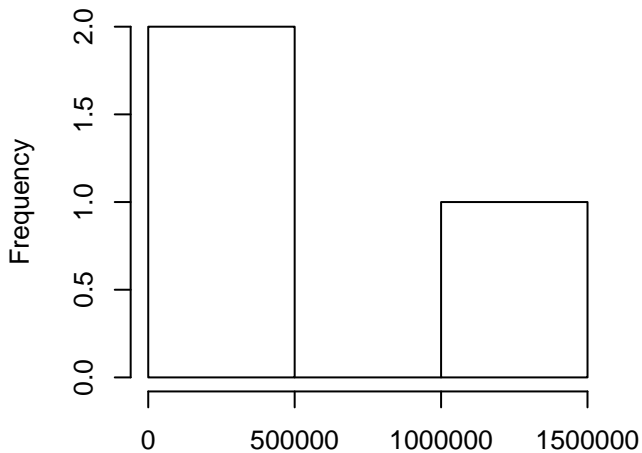
breakpoint: 5835091 – 5835100 po-0 ct-1

line = MAGIC.183 , Chr = 4



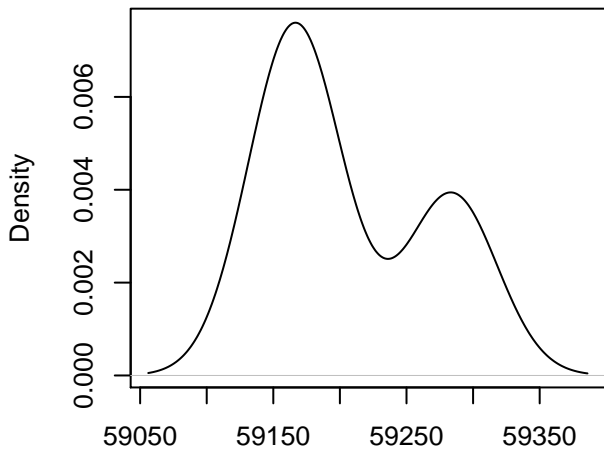
N = 3 Bandwidth = 3.429e+05
breakpoint: 6506647 – 6506650 oy-0 can-0

line = MAGIC.183 , Chr = 4



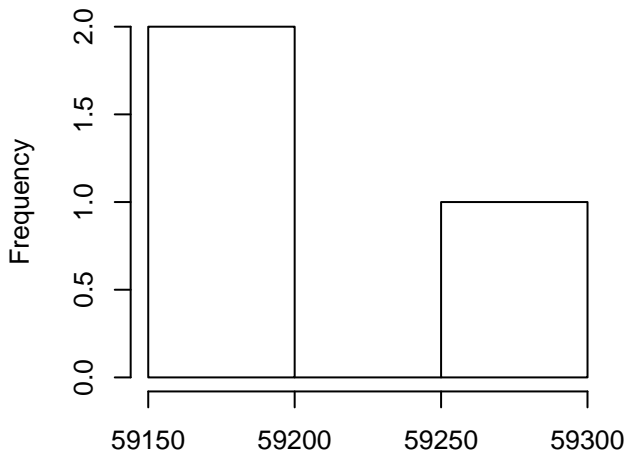
breakpoint: 6506647 – 6506650 oy-0 can-0

line = MAGIC.183 , Chr = 4



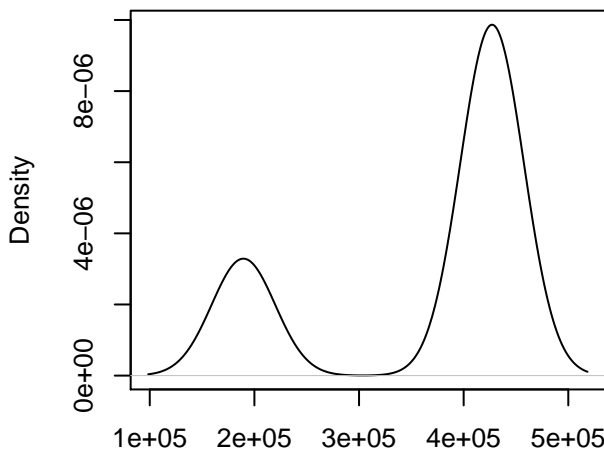
N = 3 Bandwidth = 33.97
breakpoint: 6876012 – 6876092 po-0 edi-0

line = MAGIC.183 , Chr = 4



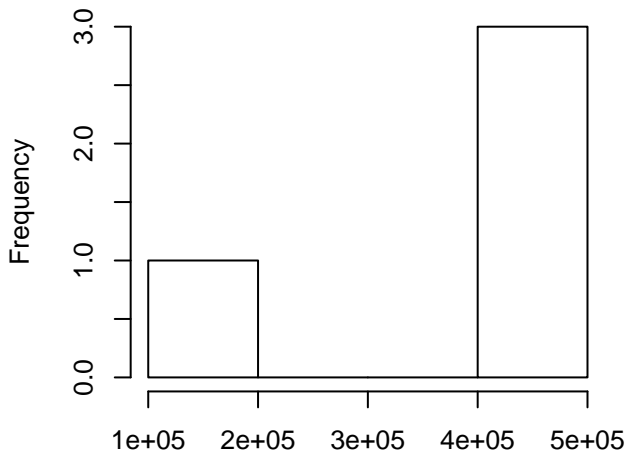
breakpoint: 6876012 – 6876092 po-0 edi-0

line = MAGIC.183 , Chr = 4



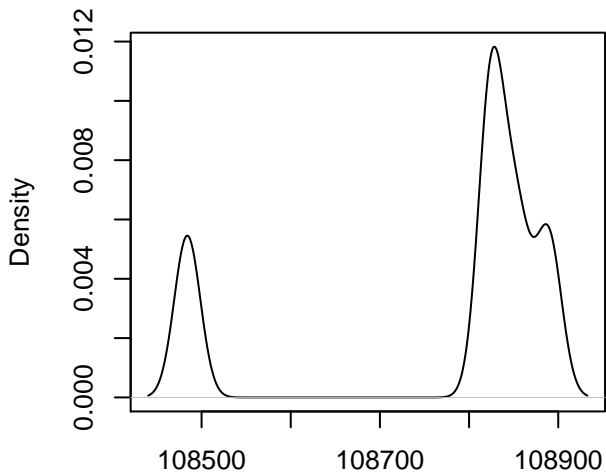
N = 4 Bandwidth = 3.032e+04
breakpoint: 17517098 – 17517101 mt-0 zu-0

line = MAGIC.183 , Chr = 4



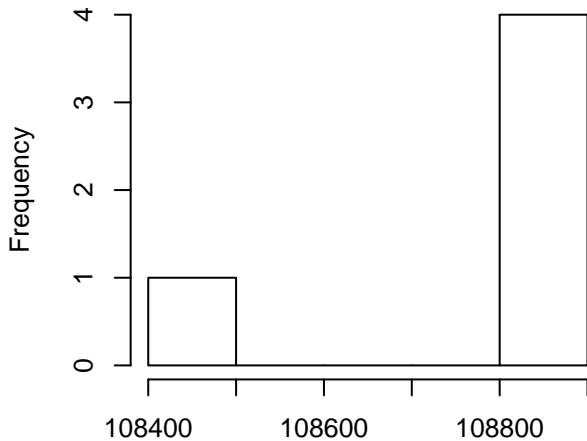
breakpoint: 17517098 – 17517101 mt-0 zu-0

line = MAGIC.183 , Chr = 5



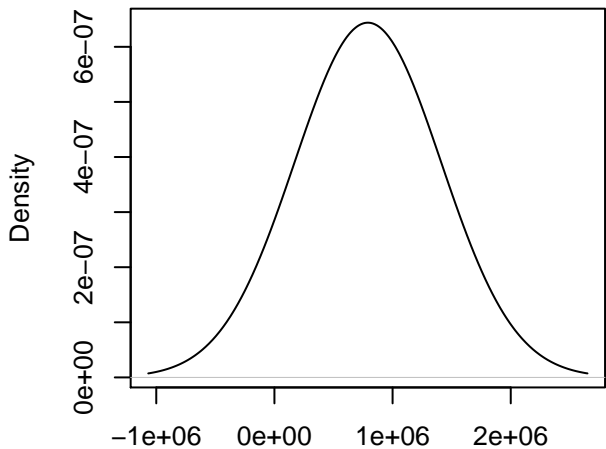
N = 5 Bandwidth = 14.6
breakpoint: 768859 – 768890 bur-0 kn-0

line = MAGIC.183 , Chr = 5



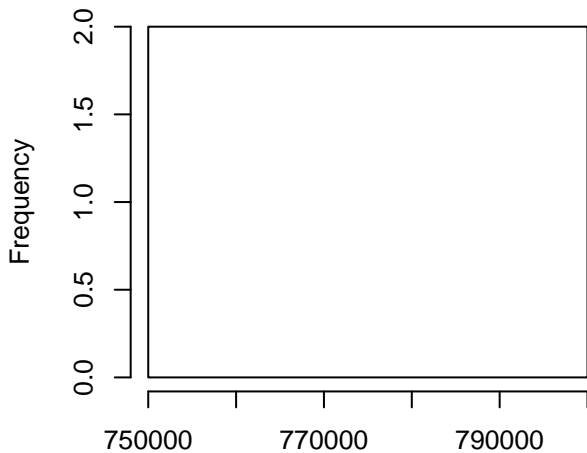
breakpoint: 768859 – 768890 bur-0 kn-0

line = MAGIC.183 , Chr = 5



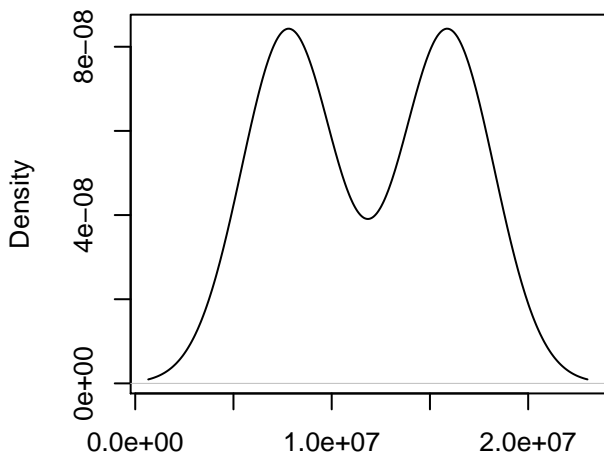
N = 2 Bandwidth = 6.196e+05
breakpoint: 7483628 – 7483646 edi-0 zu-0

line = MAGIC.183 , Chr = 5



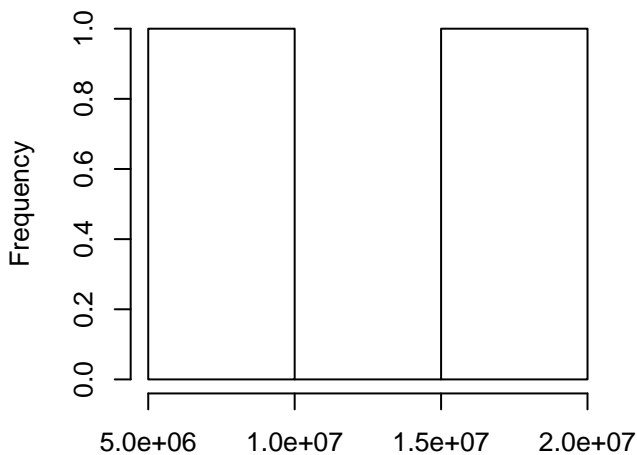
breakpoint: 7483628 – 7483646 edi-0 zu-0

line = MAGIC.183 , Chr = 5



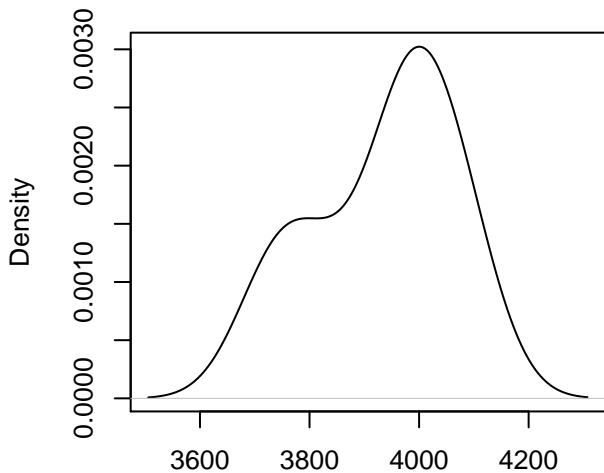
N = 2 Bandwidth = 2.373e+06
breakpoint: 10360285 – 10360297 zu-0 wil-2

line = MAGIC.183 , Chr = 5



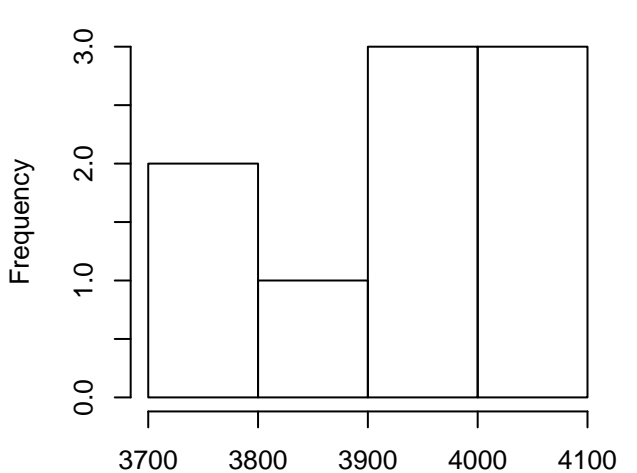
breakpoint: 10360285 – 10360297 zu-0 wil-2

line = MAGIC.183 , Chr = 5



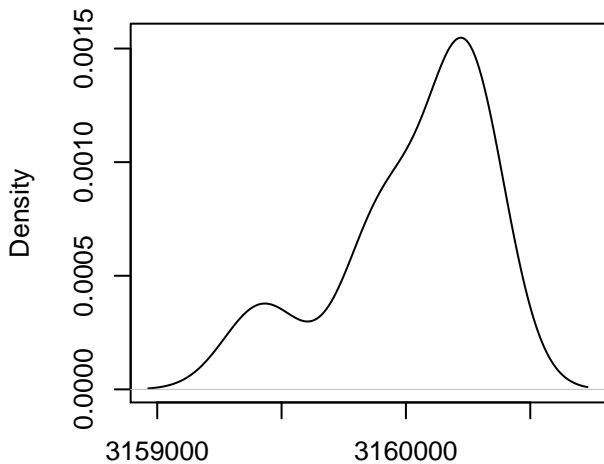
N = 9 Bandwidth = 73.14
breakpoint: 10424959 – 10424976 wil-2 mt-0

line = MAGIC.183 , Chr = 5



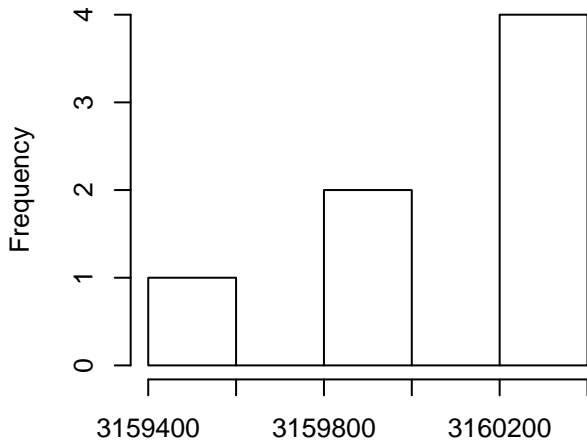
breakpoint: 10424959 – 10424976 wil-2 mt-0

line = MAGIC.183 , Chr = 5



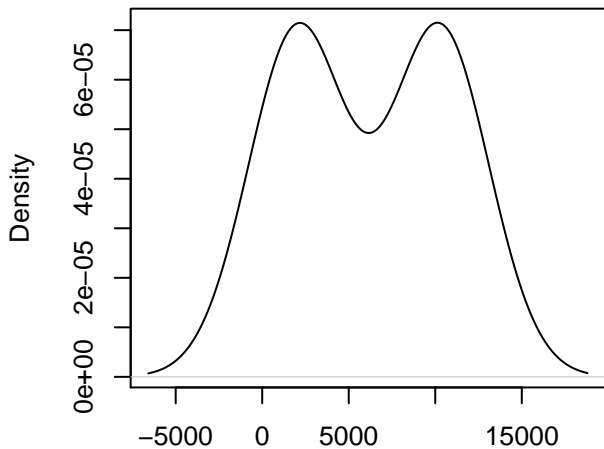
N = 7 Bandwidth = 153.4
breakpoint: 11009312 – 11009379 hi=0 kn=0

line = MAGIC.183 , Chr = 5



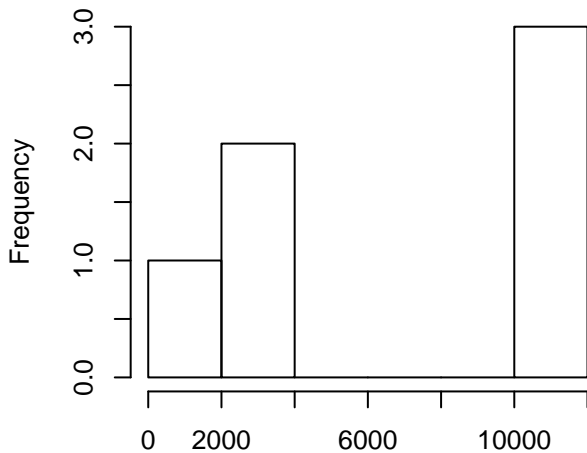
breakpoint: 11009312 – 11009379 hi=0 kn=0

line = MAGIC.183 , Chr = 5



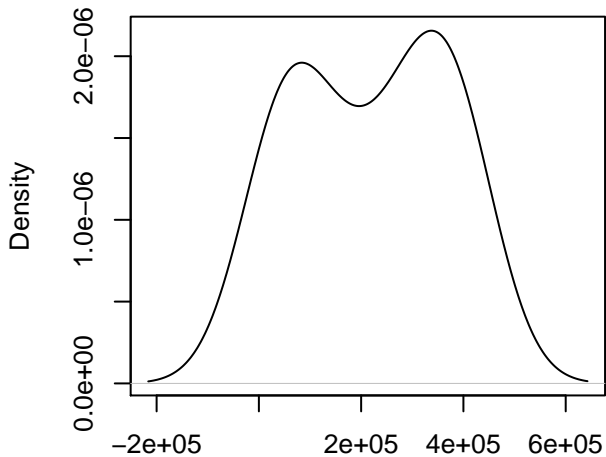
N = 6 Bandwidth = 2834
breakpoint: 11519029 – 11519139 kn=0 hi=0

line = MAGIC.183 , Chr = 5



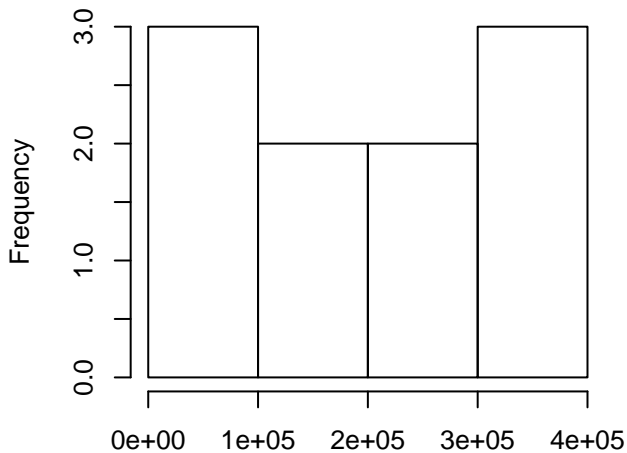
breakpoint: 11519029 – 11519139 kn=0 hi=0

line = MAGIC.183 , Chr = 5



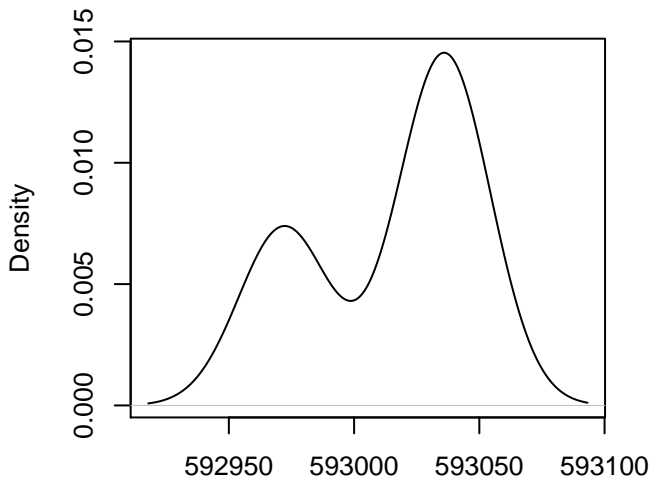
N = 10 Bandwidth = 8.366e+04
breakpoint: 11670886 – 11684279 kn-0 col-0

line = MAGIC.183 , Chr = 5



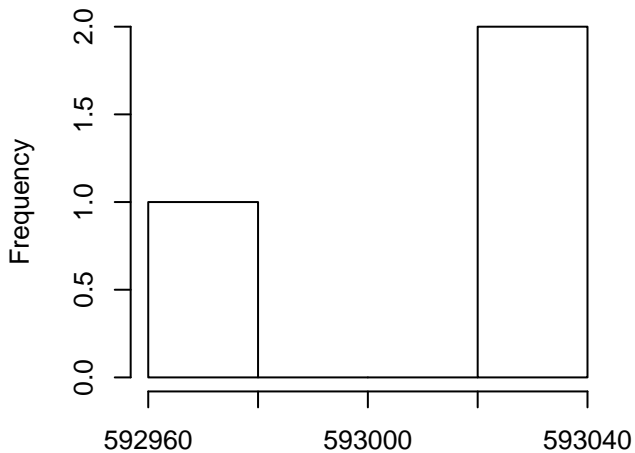
breakpoint: 11670886 – 11684279 kn-0 col-0

line = MAGIC.183 , Chr = 5



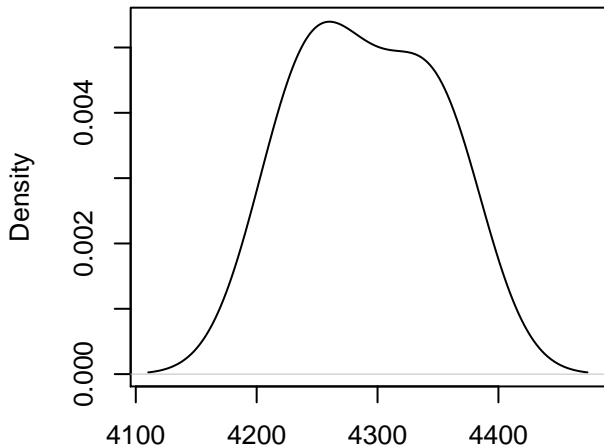
N = 3 Bandwidth = 18.06
breakpoint: 12408036 – 12408062 edi-0 sf-2

line = MAGIC.183 , Chr = 5



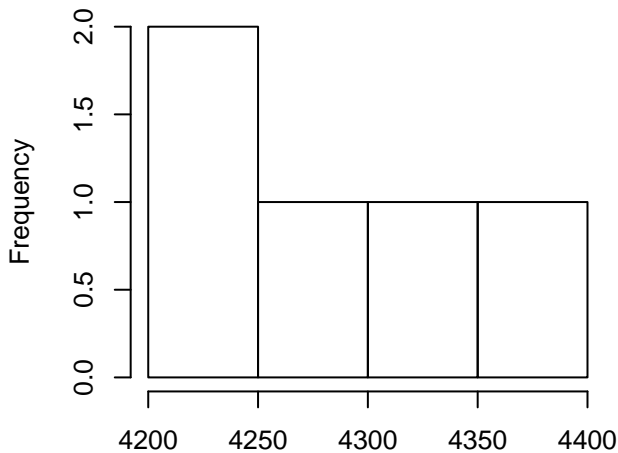
breakpoint: 12408036 – 12408062 edi-0 sf-2

line = MAGIC.183 , Chr = 5



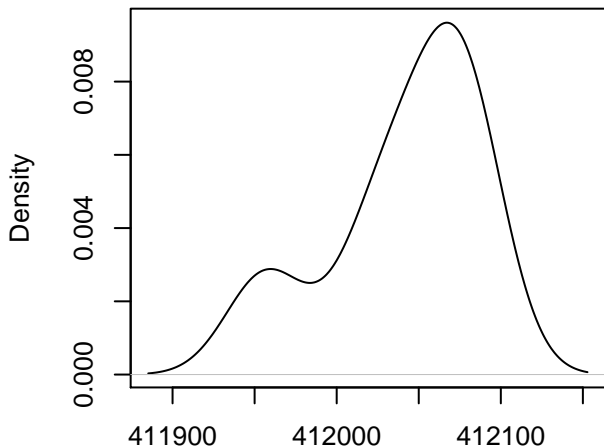
N = 5 Bandwidth = 37.57
breakpoint: 15246557 – 15246559 bur-0 oy-0

line = MAGIC.183 , Chr = 5



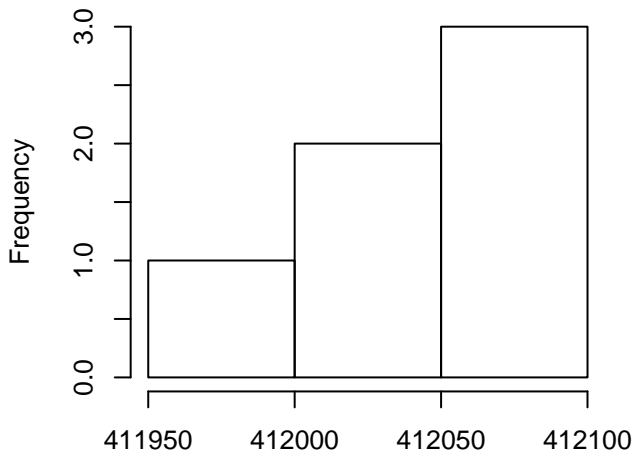
breakpoint: 15246557 – 15246559 bur-0 oy-0

line = MAGIC.183 , Chr = 5



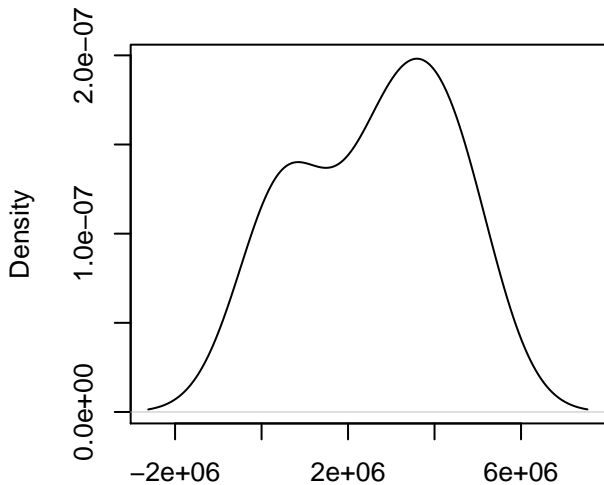
N = 6 Bandwidth = 23.94
breakpoint: 16079172 – 16079272 bur-0 no-0

line = MAGIC.183 , Chr = 5



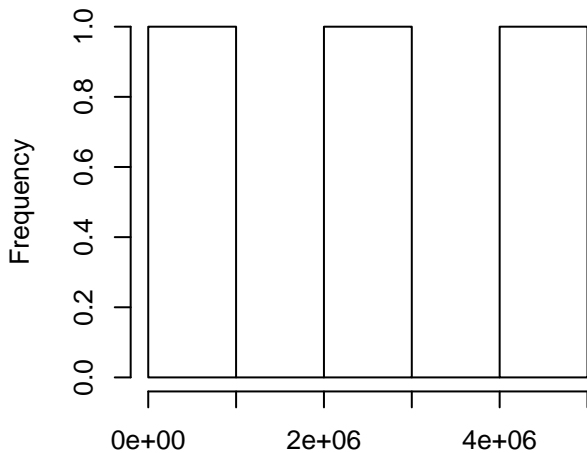
breakpoint: 16079172 – 16079272 bur-0 no-0

line = MAGIC.183 , Chr = 5



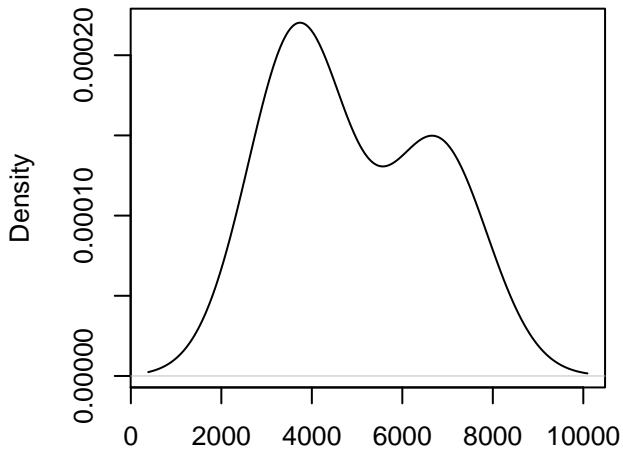
N = 3 Bandwidth = 1.046e+06
breakpoint: 22073499 – 22073501 zu-0 wu-0

line = MAGIC.183 , Chr = 5



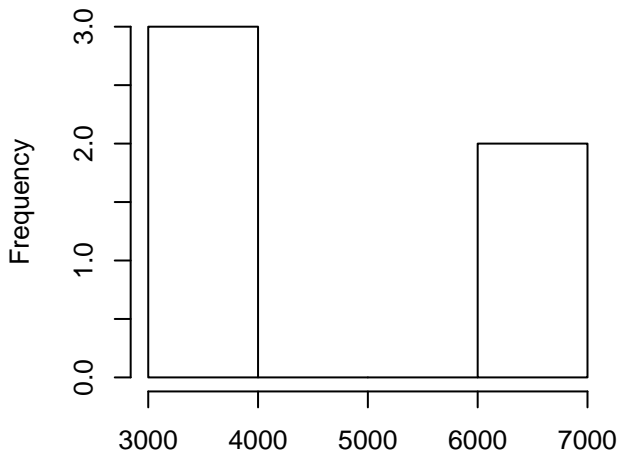
breakpoint: 22073499 – 22073501 zu-0 wu-0

line = MAGIC.183 , Chr = 5



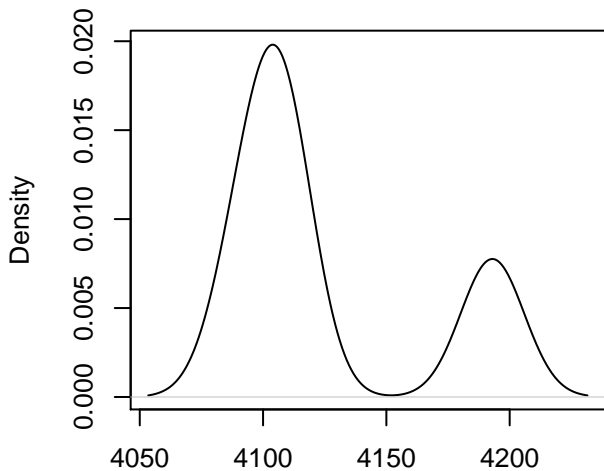
N = 5 Bandwidth = 1102
breakpoint: 22702161 – 22702169 wu-0 edi-0

line = MAGIC.183 , Chr = 5



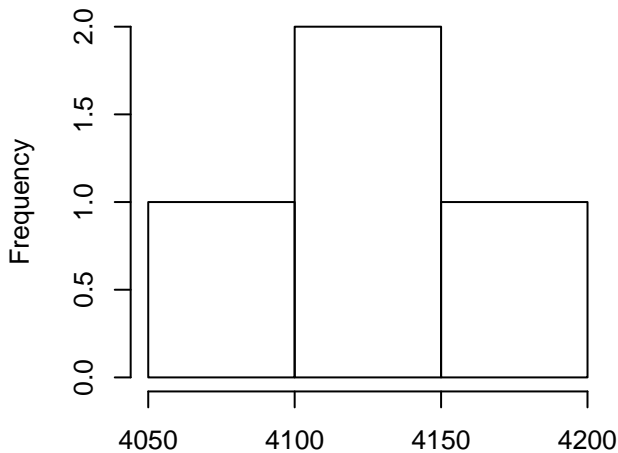
breakpoint: 22702161 – 22702169 wu-0 edi-0

line = MAGIC.183 , Chr = 5



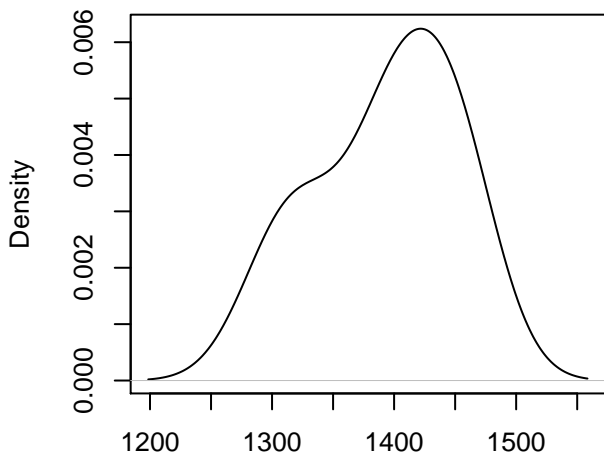
N = 4 Bandwidth = 12.85
breakpoint: 22829805 - 22829819 edi-0 can-0

line = MAGIC.183 , Chr = 5



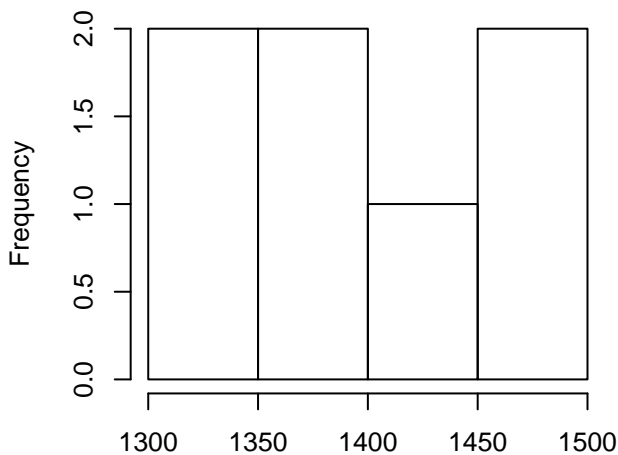
breakpoint: 22829805 - 22829819 edi-0 can-0

line = MAGIC.183 , Chr = 5



N = 7 Bandwidth = 34.82
breakpoint: 25844488 - 25844502 hi-0 ler-0

line = MAGIC.183 , Chr = 5



breakpoint: 25844488 - 25844502 hi-0 ler-0