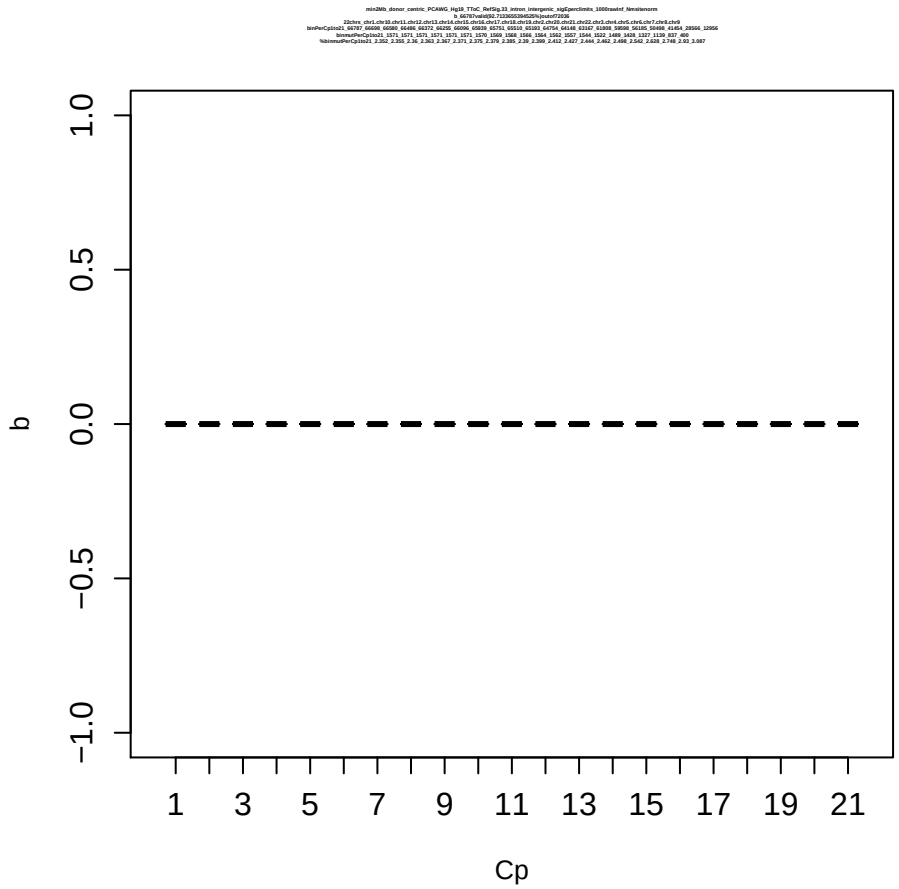
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22chrx_chr1.chr10.chr11.chr12.chr13.chr14.chr15.chr16.chr17.chr18.chr19.chr2.chr20.chr21.chr22.chr3.chr4.chr5.chr6.chr7.chr8.chr9
binPerCp1to21_56787_66588_66486_66372_66259_66096_65939_65751_65510_65303_64754_64148_63347_61809_59598_56185_50488_41454_28566_12956
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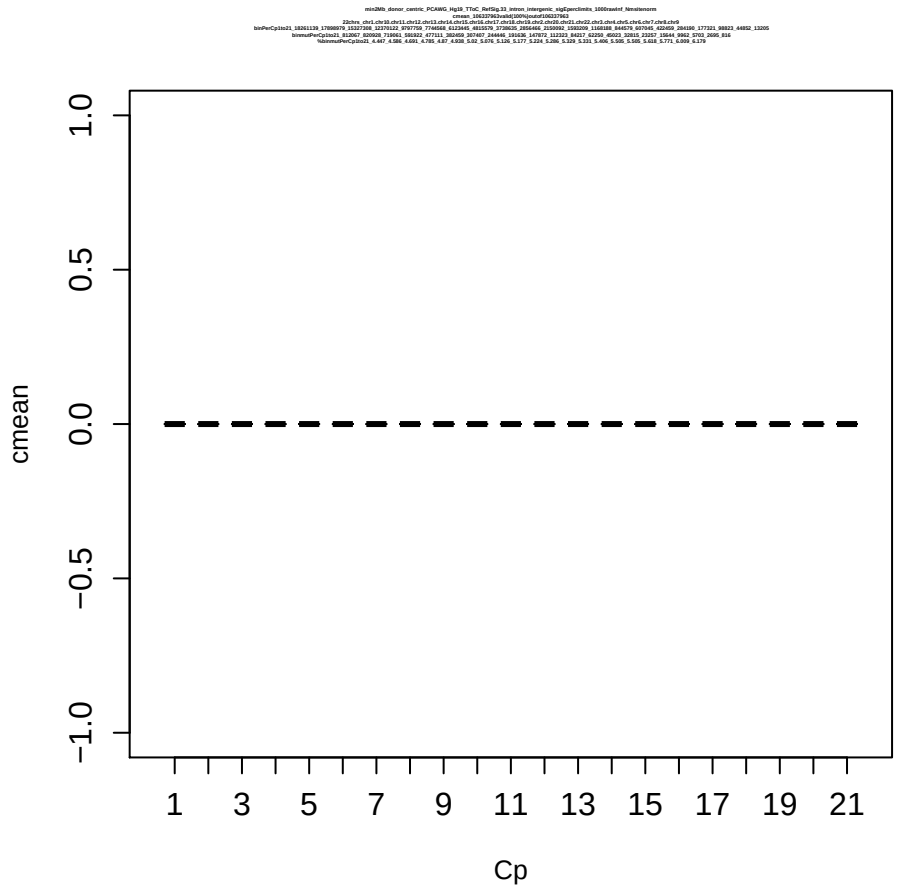
%binmuPerCp1to21_2.352_2.355_2.36_2.363_2.367_2.371_2.375_2.379_2.385_2.39_2.399_2.412_2.427_2.444_2.462_2.486_2.542_2.628_2.748_2.93_3.087

b
1.0
0.5
0.0
−0.5
−1.0
1 3 5 7 9 11 13 15 17 19 21
Cp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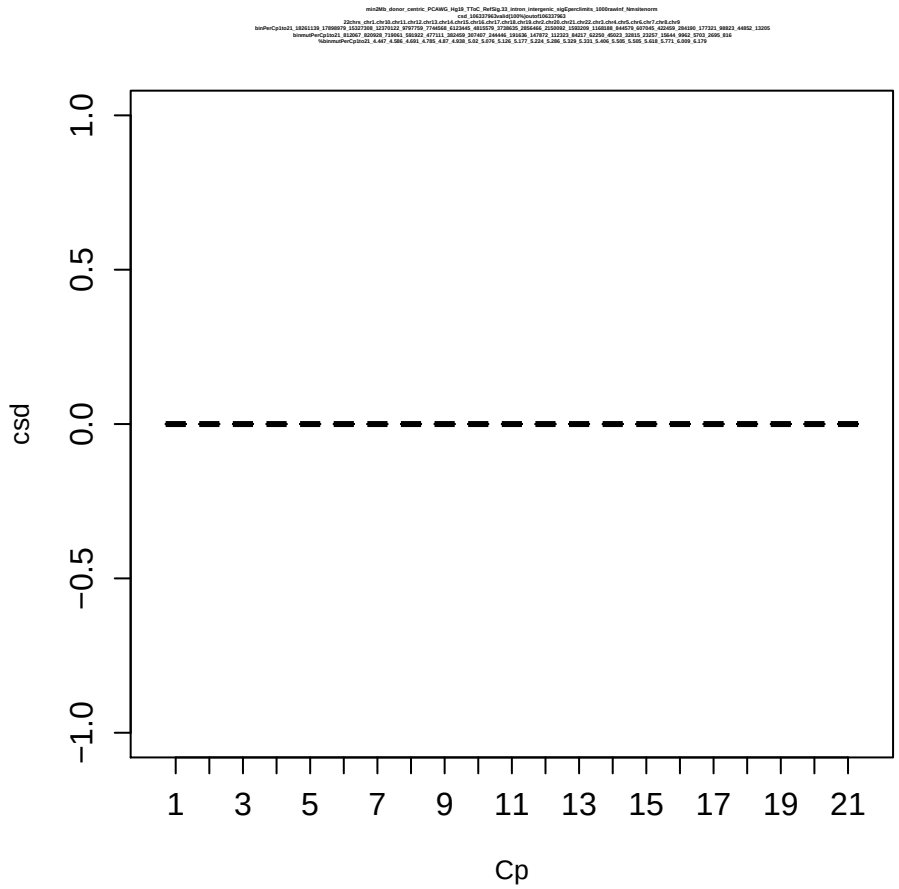
22chrx_chr1.chr10.chr11.chr12.chr13.chr14.chr15.chr16.chr17.chr18.chr19.chr2.chr20.chr21.chr22.chr3.chr4.chr5.chr6.chr7.chr8.chr9
binPerCp1to21_18261139_17998979_15327308_12370122_9797759_7746568_6123445_4815376_3738635_2654466_2150042_1583209_1168188_844579_607045_428459_284180_177321_98823_44852_13205
binmuPerCp1to21_812067_820928_719041_593932_477111_382459_267407_244446_191636_147673_112323_84017_62250_45023_32815_23357_15644_9962_5703_2695_816
%binmuPerCp1to21_4.447_4.586_4.691_4.785_4.87_4.938_5.02_5.076_5.126_5.177_5.224_5.286_5.329_5.331_5.406_5.505_5.618_5.771_6.000_6.179

cmean
1.0
0.5
0.0
−0.5
−1.0
1 3 5 7 9 11 13 15 17 19 21
Cp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csd_1852379=sd(100%)sseef1852379=3
22chrx_chr1.chr10.chr11.chr12.chr13.chr14.chr15.chr16.chr17.chr18.chr19.chr2.chr20.chr21.chr22.chr3.chr4.chr5.chr6.chr7.chr8.chr9
binPerCp1to21_18261139_17998979_15327308_12370122_9797759_7746568_6123445_4815376_3738635_2654466_2150042_1583209_1168188_844579_607045_428459_284180_177321_98823_44852_13205
binmuPerCp1to21_812067_820928_719041_593932_477111_382459_267407_244446_191636_147673_112323_84017_62250_45023_32815_23357_15644_9962_5703_2695_816
%binmuPerCp1to21_4.447_4.586_4.691_4.785_4.87_4.938_5.02_5.076_5.126_5.177_5.224_5.286_5.329_5.331_5.406_5.505_5.618_5.771_6.000_6.179

csd
1.0
0.5
0.0
−0.5
−1.0
1 3 5 7 9 11 13 15 17 19 21
Cp