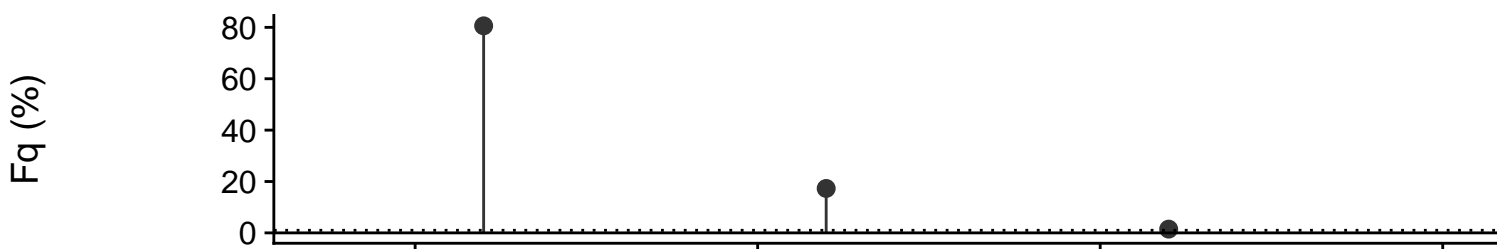
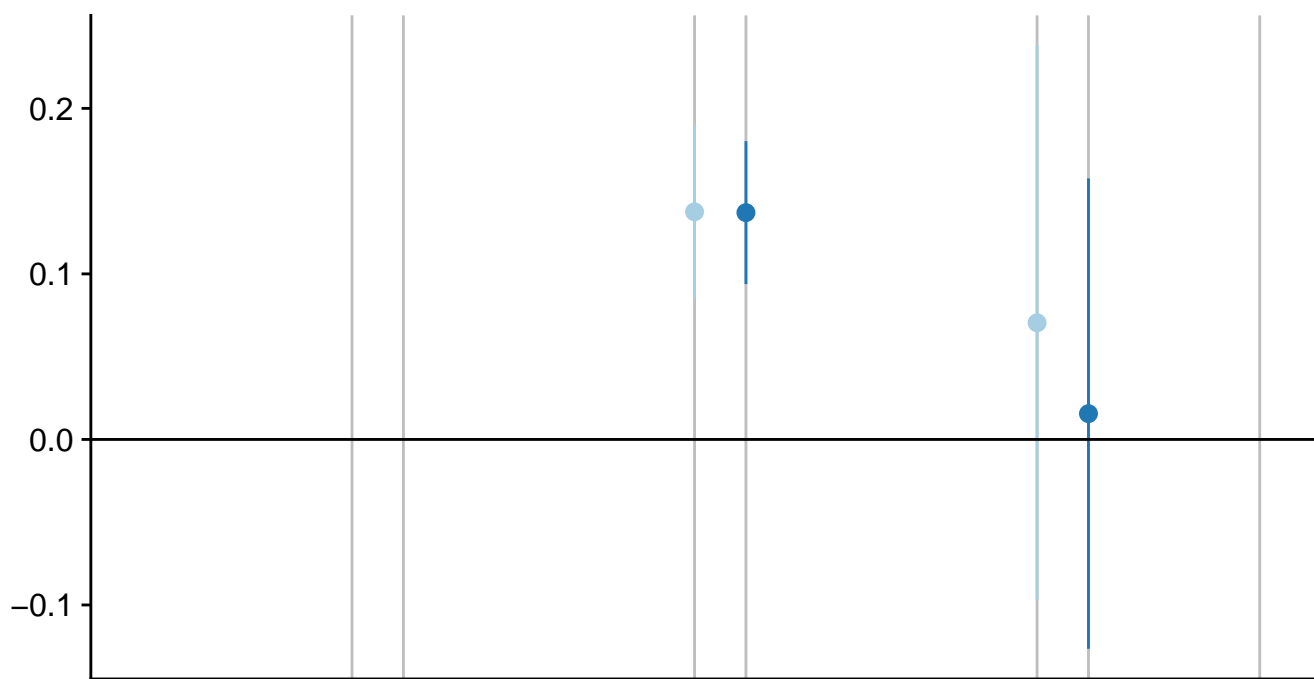


disease    ● CEL    ● iCEL



SNP

rs5754422/A	A	G	G
rs4821124/A	T	C	C
rs7444/A	T	C	C
rs34463645/B	T	C	T
rs5749495/B	A	G	A

reference haplotype allele    ☒ FALSE    ☐ TRUE