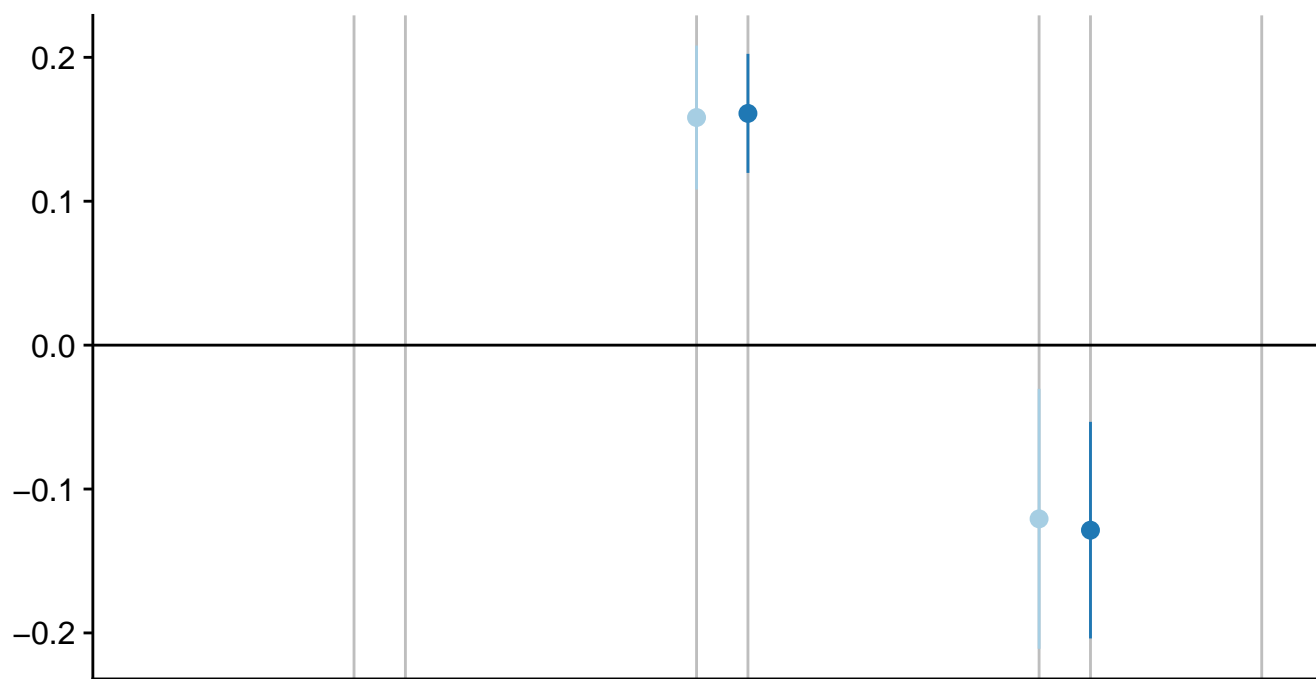
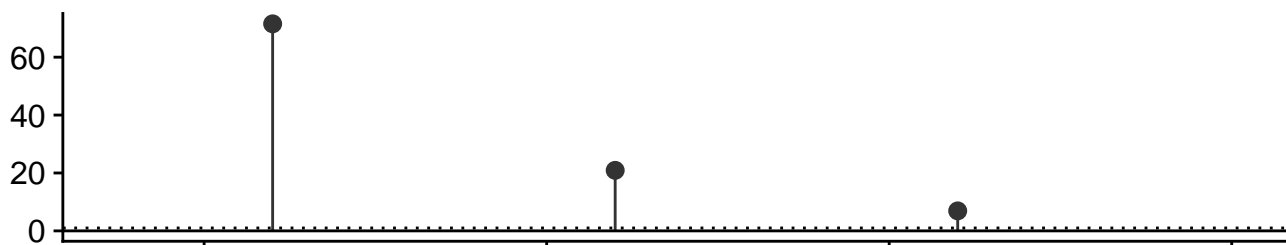


disease ● CEL ● iCEL



Fq (%)



SNP



reference haplotype allele ☒ FALSE ☐ TRUE