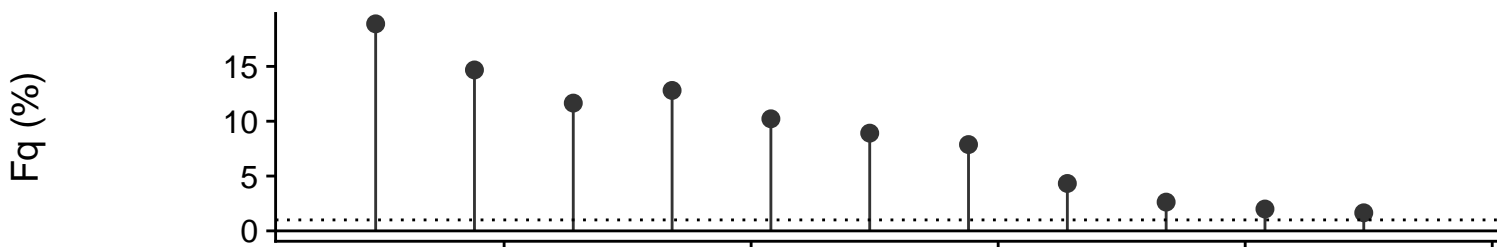
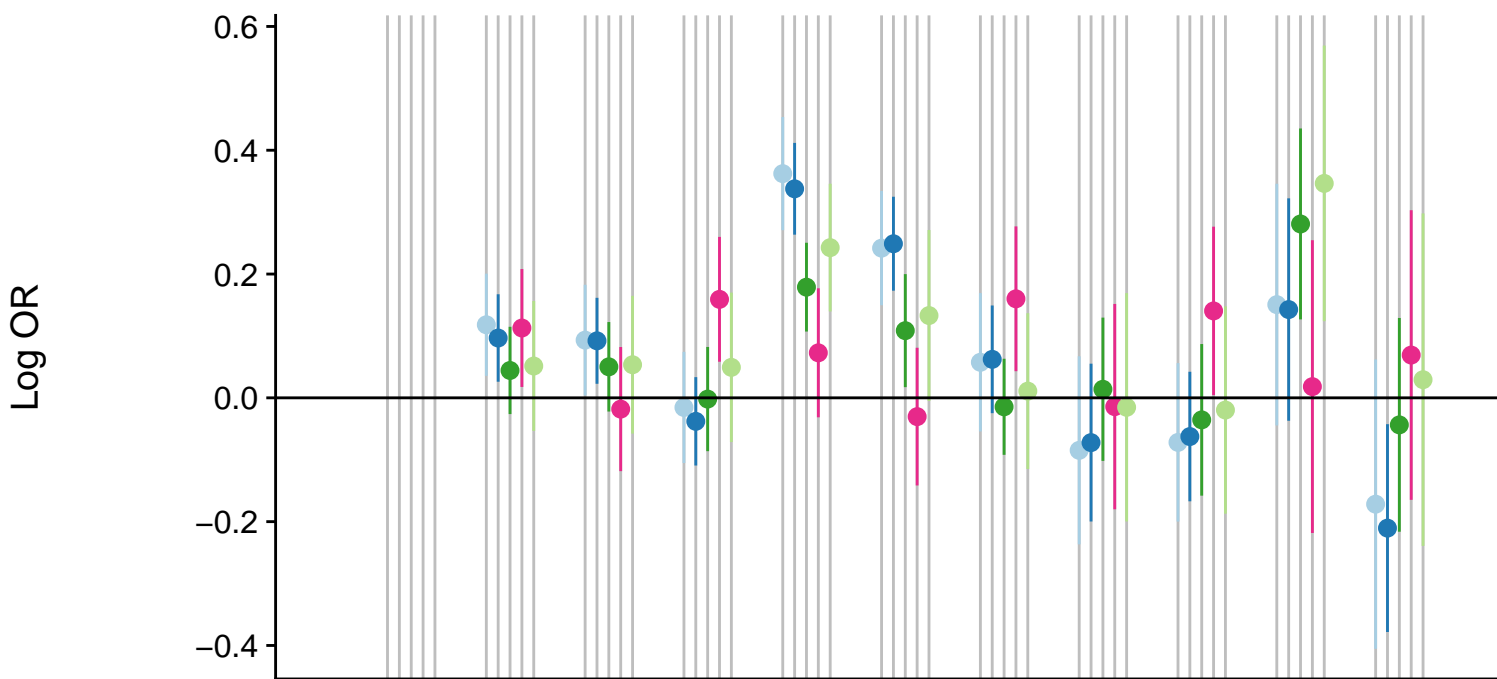


disease    ● CEL    ● iCEL    ● iRA    ● MS    ● RA



SNP

rs12216269/H	A	C	C	C	C	A	A	A	A	A	A
rs7768443/H	T	A	A	A	A	T	T	T	T	T	T
rs58721818/F	C	C	C	C	C	C	C	C	C	T	C
rs671703/E	G	G	G	G	G	G	G	A	G	A	A
rs77027760/A	G	G	G	A	G	G	G	G	A	G	A
rs17264332/C	A	A	A	A	G	G	A	A	A	G	A
rs11757201/C	G	G	G	G	C	C	G	G	G	C	G
rs35926684/C	A	A	A	A	G	G	A	A	A	G	A
rs62432712/C	A	A	A	A	G	G	A	A	A	G	A
rs498549/B	A	G	A	G	A	A	G	A	G	A	G
rs631204/B	C	A	C	A	C	C	A	C	A	C	A

reference haplotype allele    ☒ FALSE    ☐ TRUE