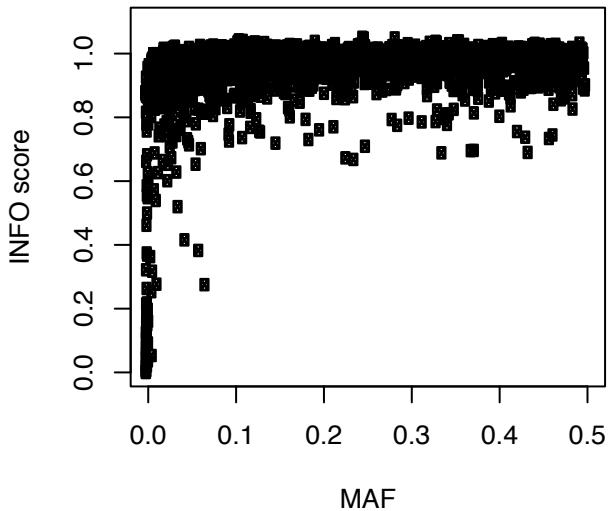
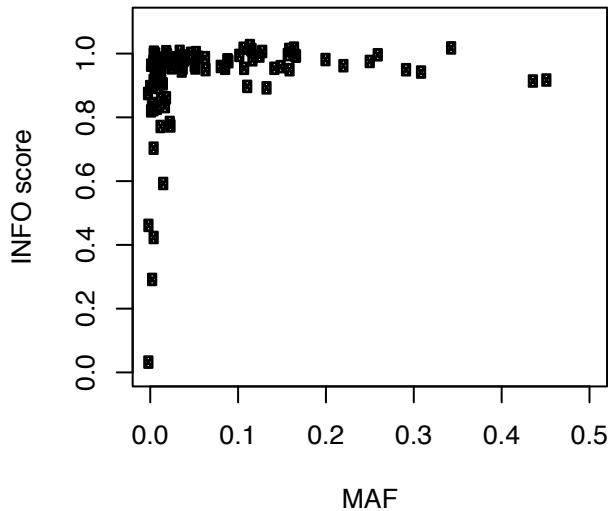
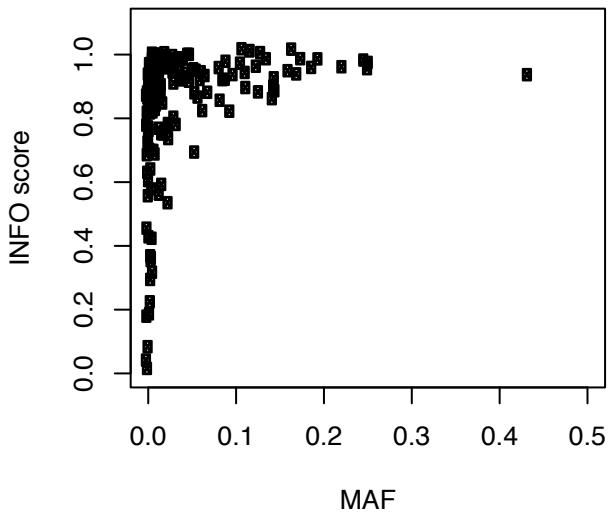


SNPs**2 digits HLA alleles****4 digits HLA alleles****Amino-acids**