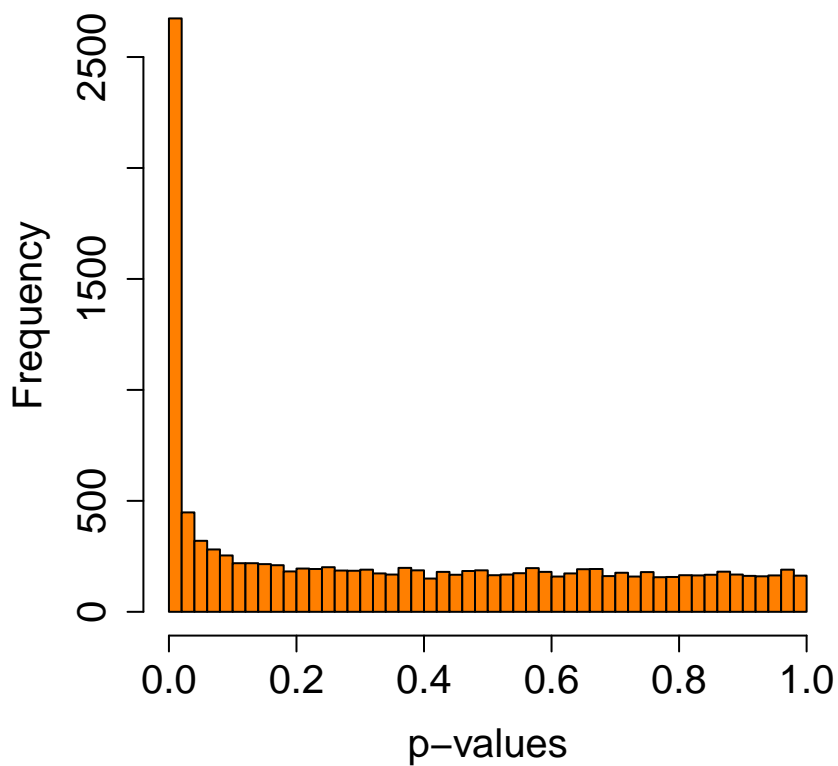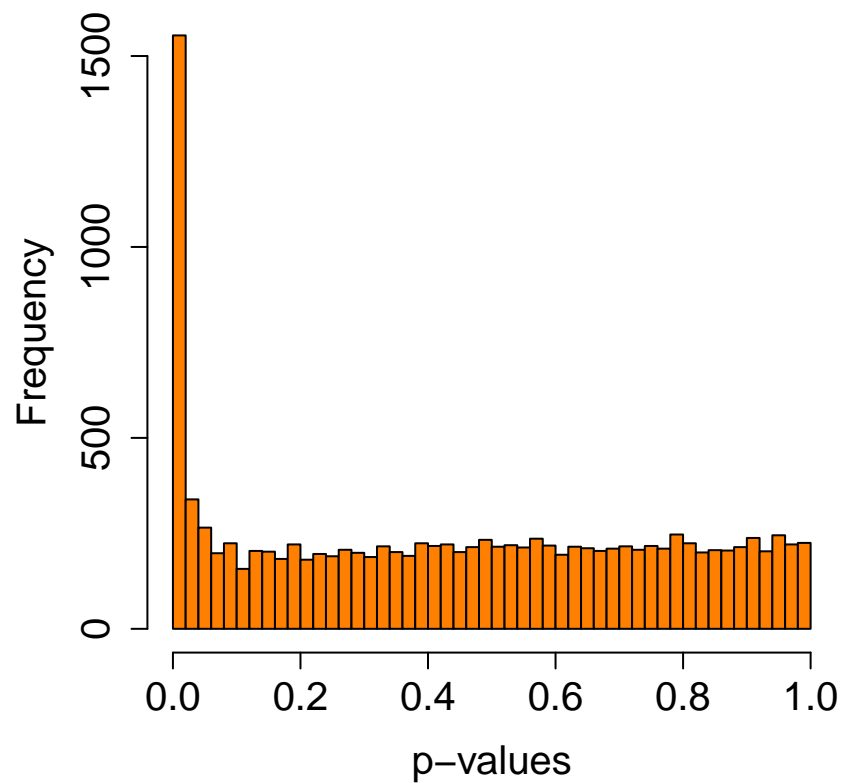**(a)** PC1

(b) PC2

(c) PC3