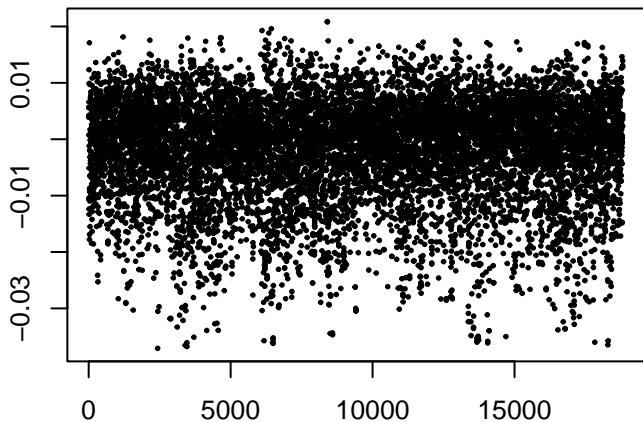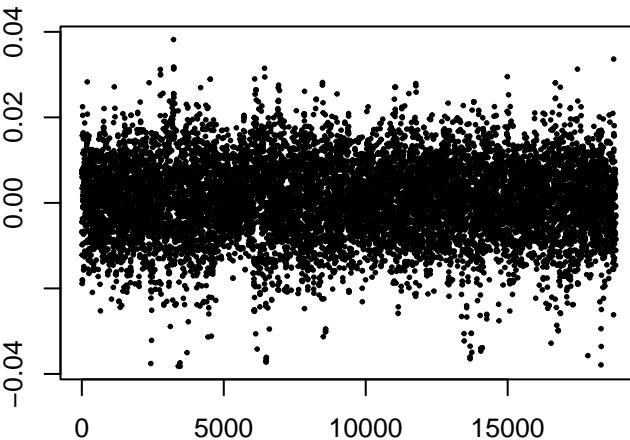MAF = 0.05, Method = mahalanobis