#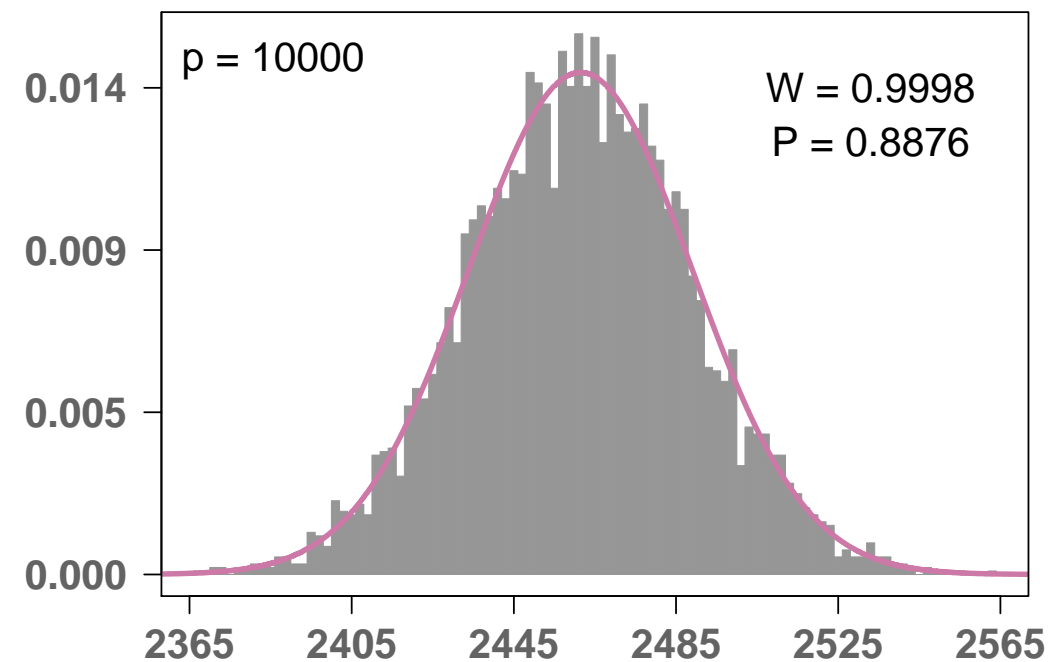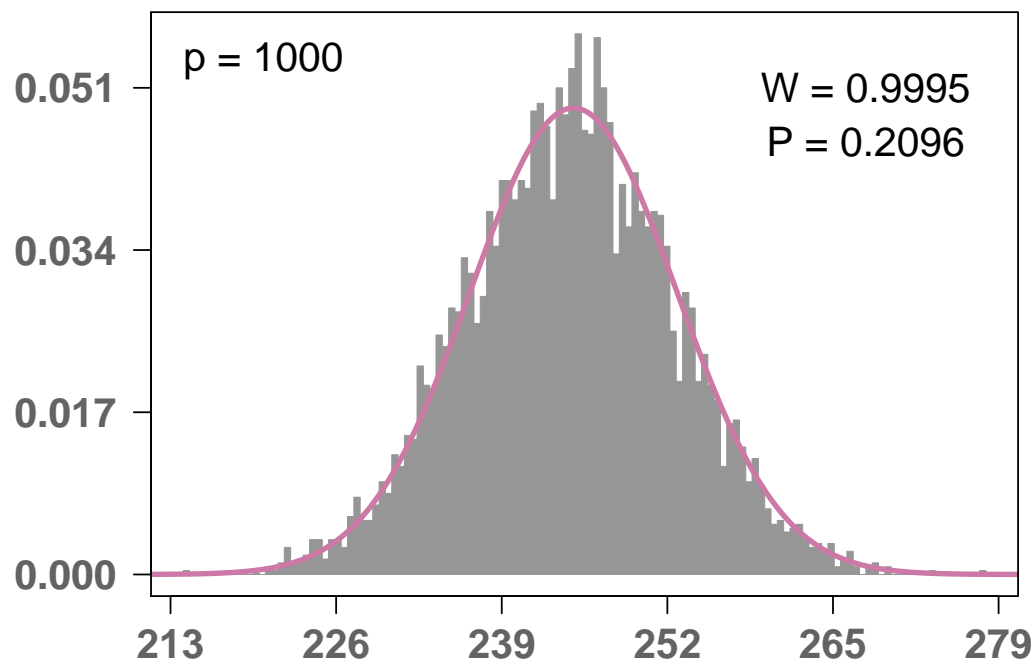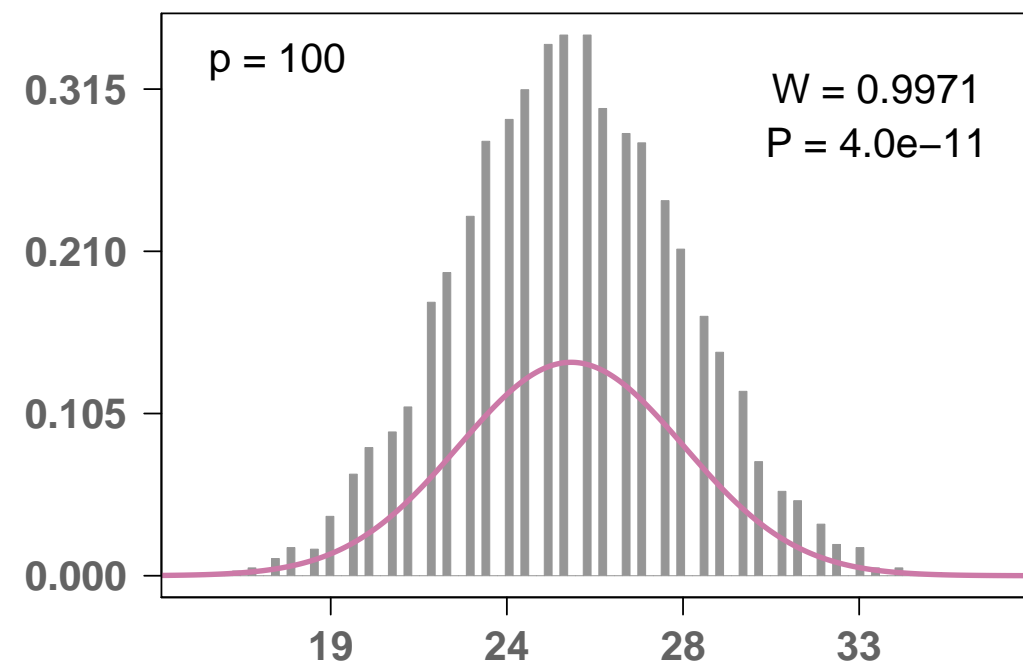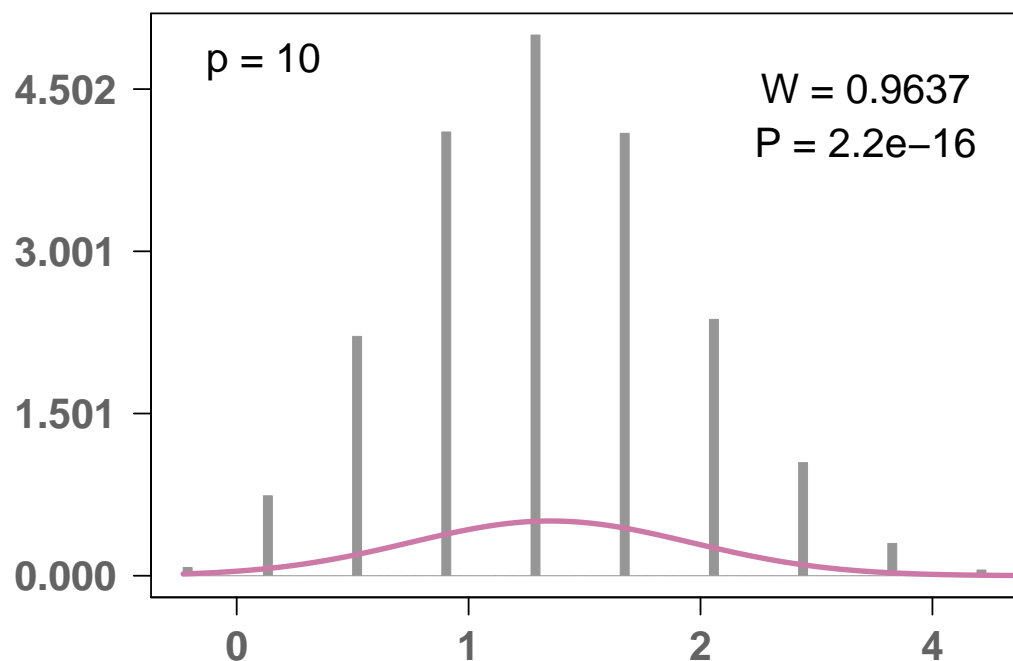 Gaussian Convergence of AM Distances in GWAS Data