#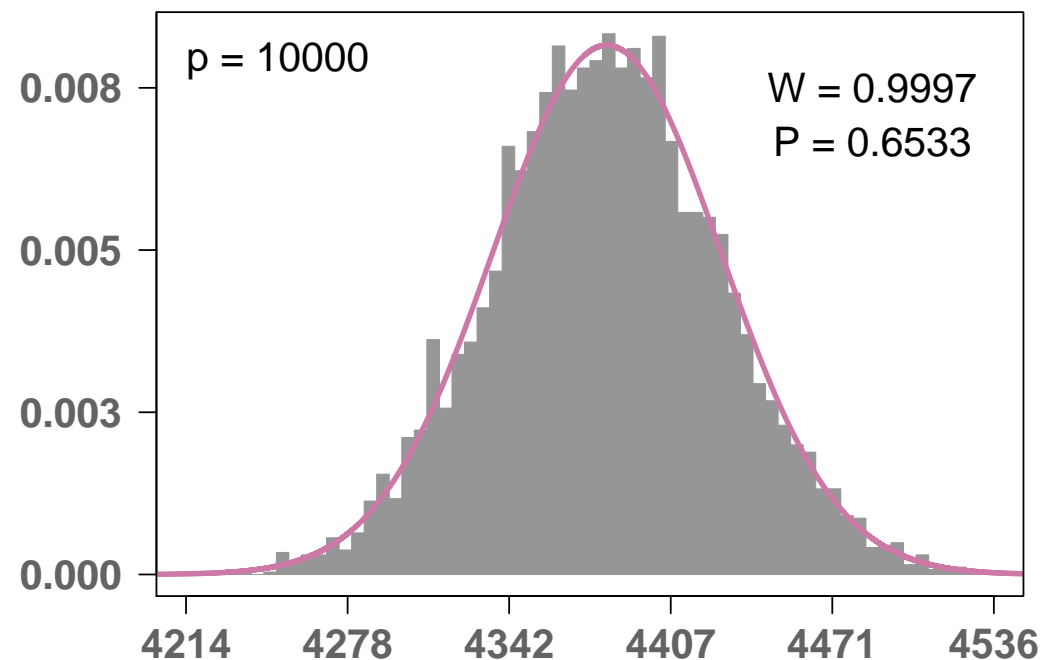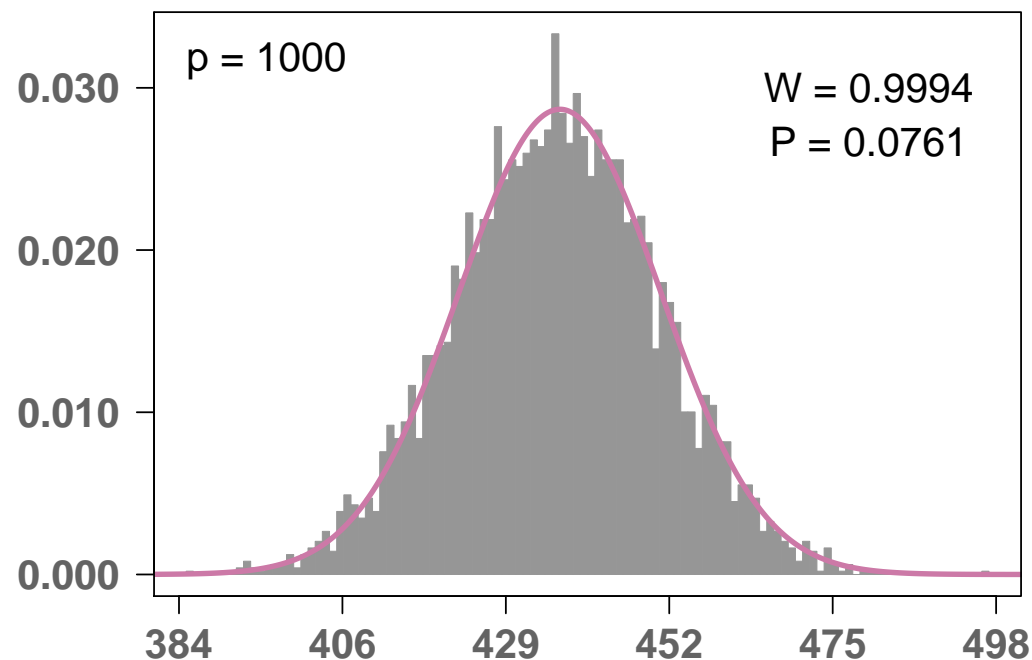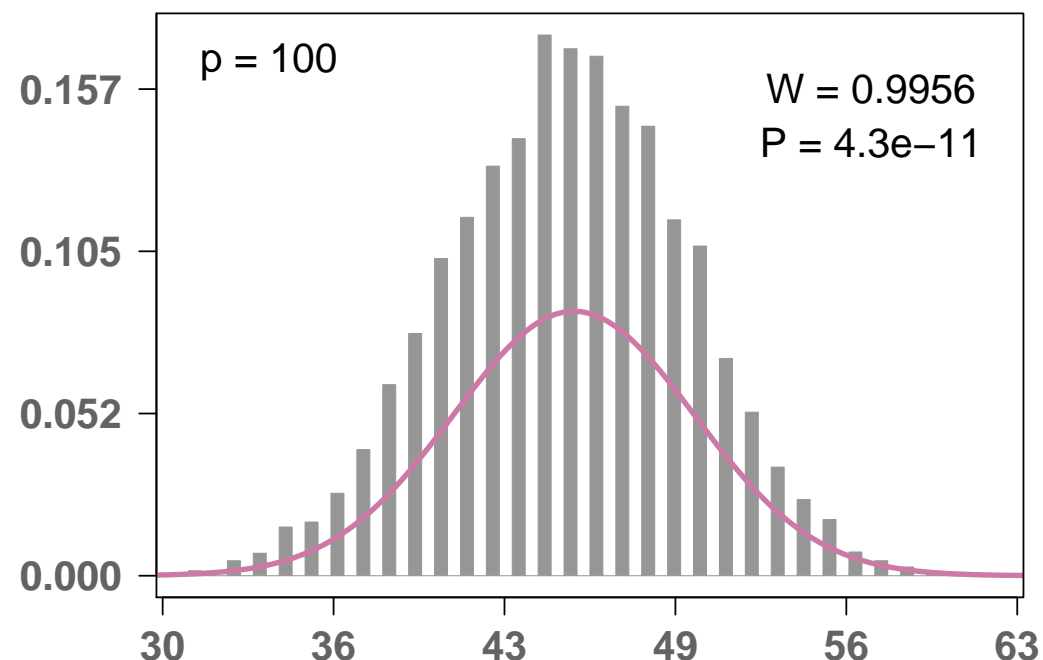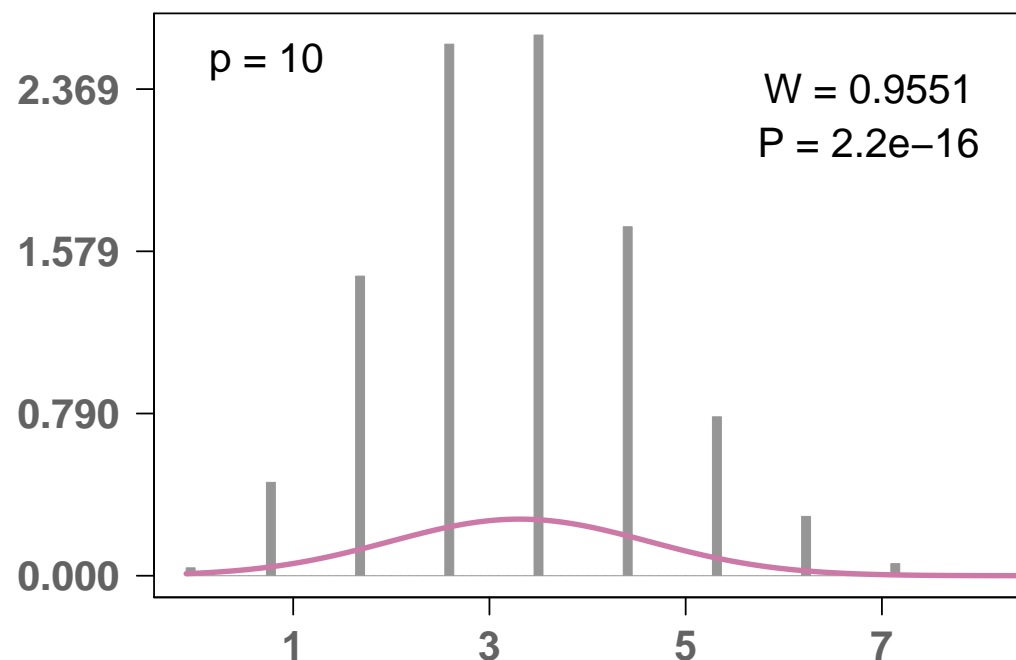 Gaussian Convergence of GM Distances in GWAS Data