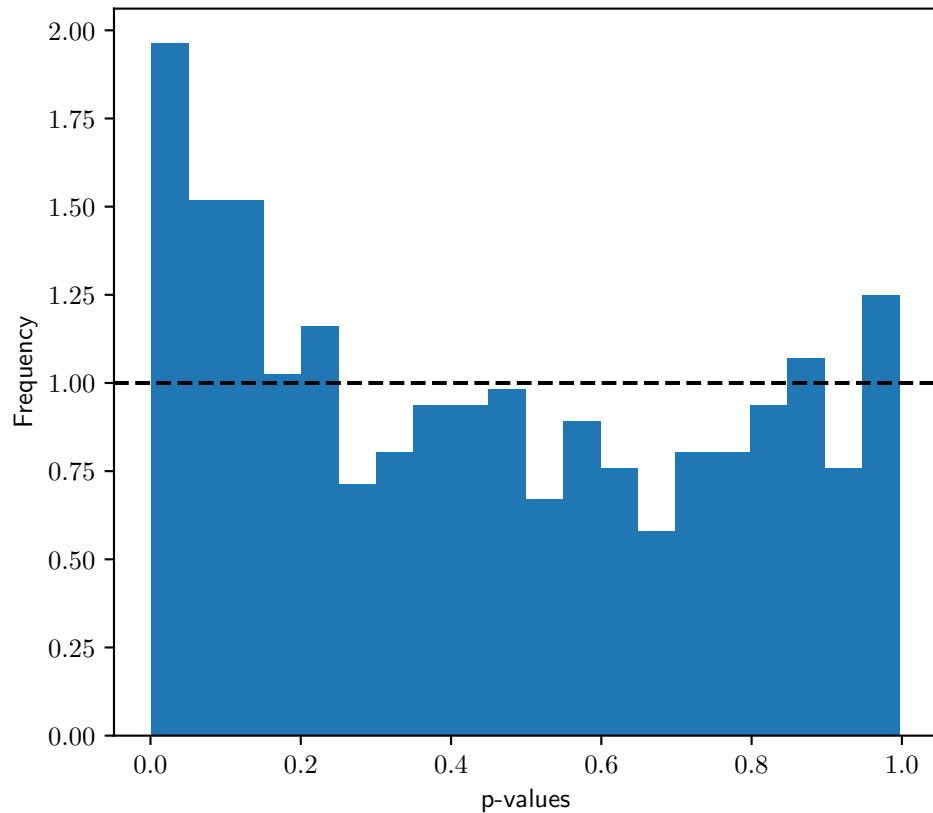Simulated Latent Gaussian p-values (n=3000, ratio=0.2, latent ratio=0.1)