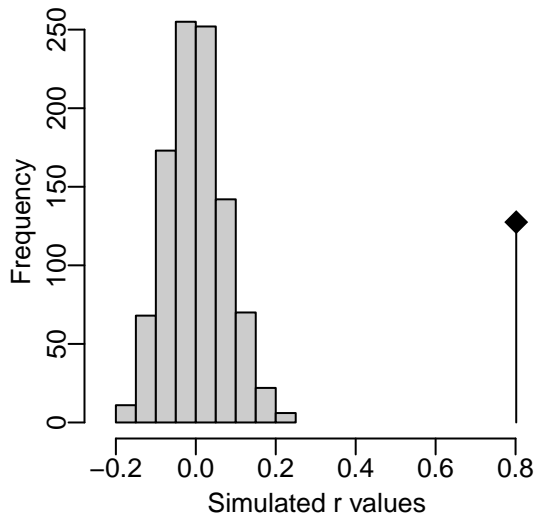
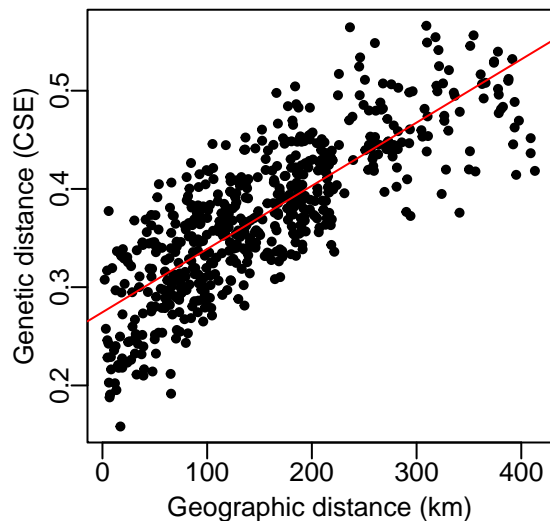


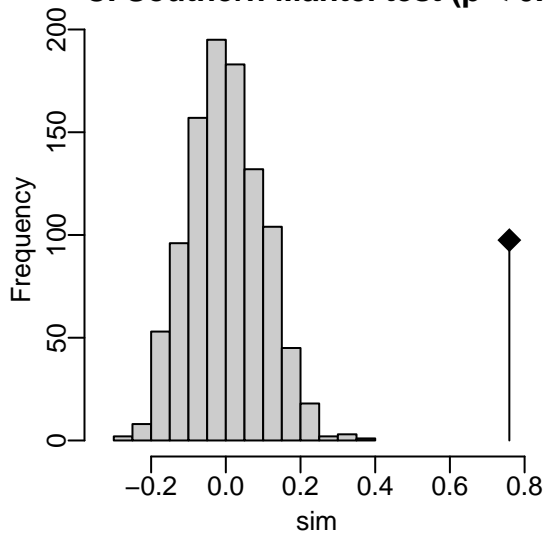
A. Northern Mantel test ($p < 0.001$)



B. Northern correlation ($r = 0.80$)



C. Southern Mantel test ($p < 0.001$)



D. Southern correlation ($r = 0.76$)

