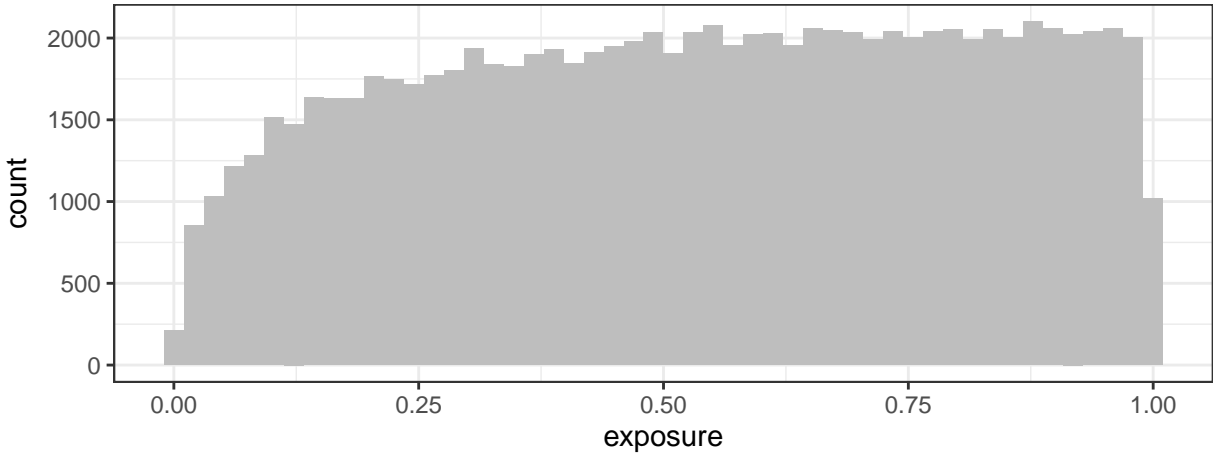
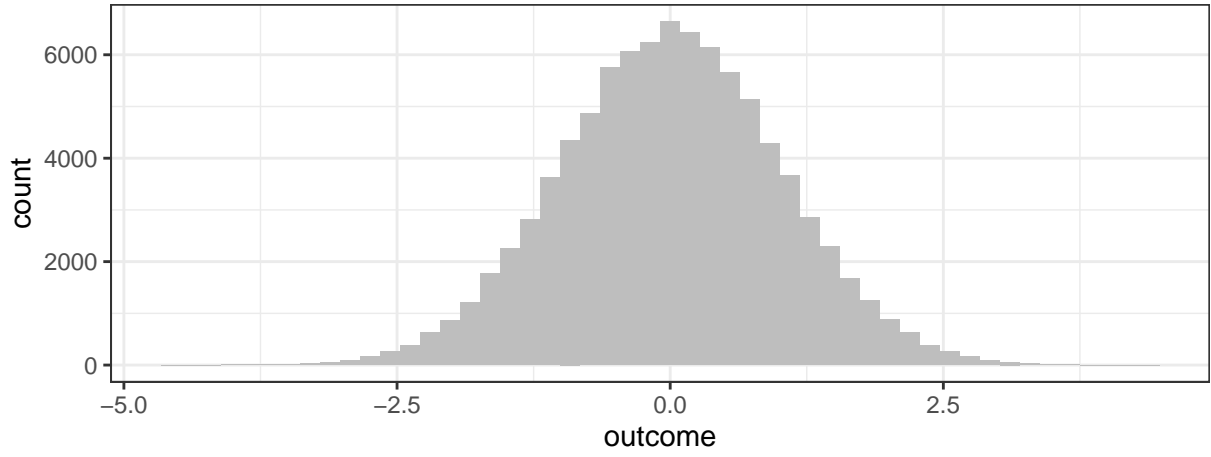


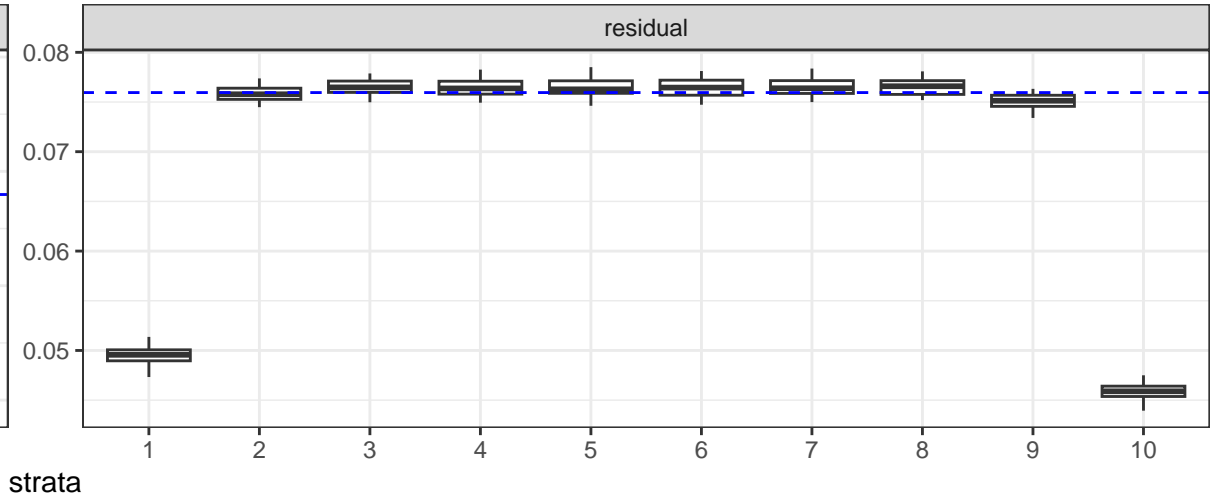
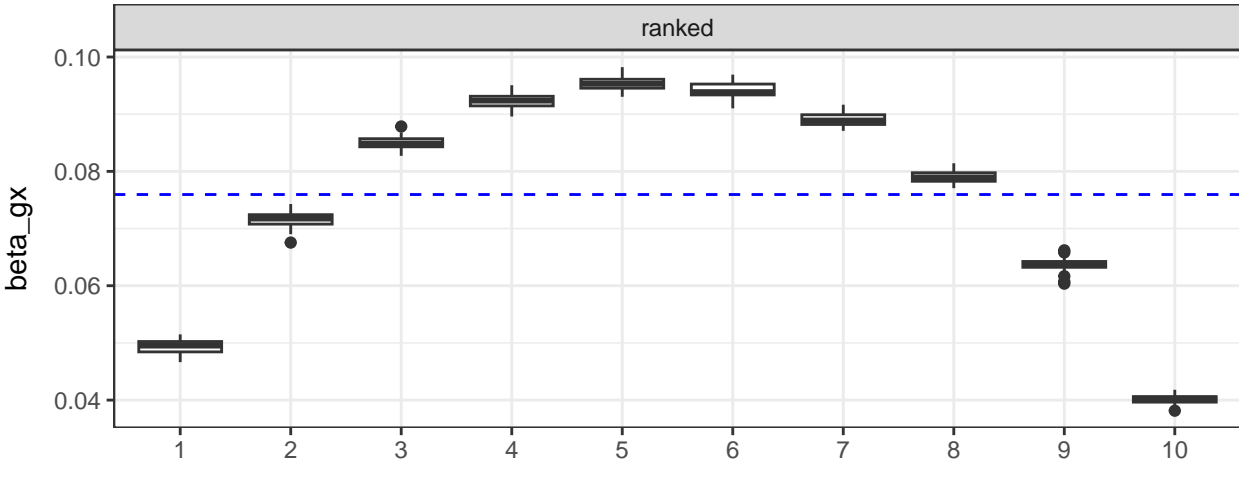
Simulated exposure x\_uni distribution



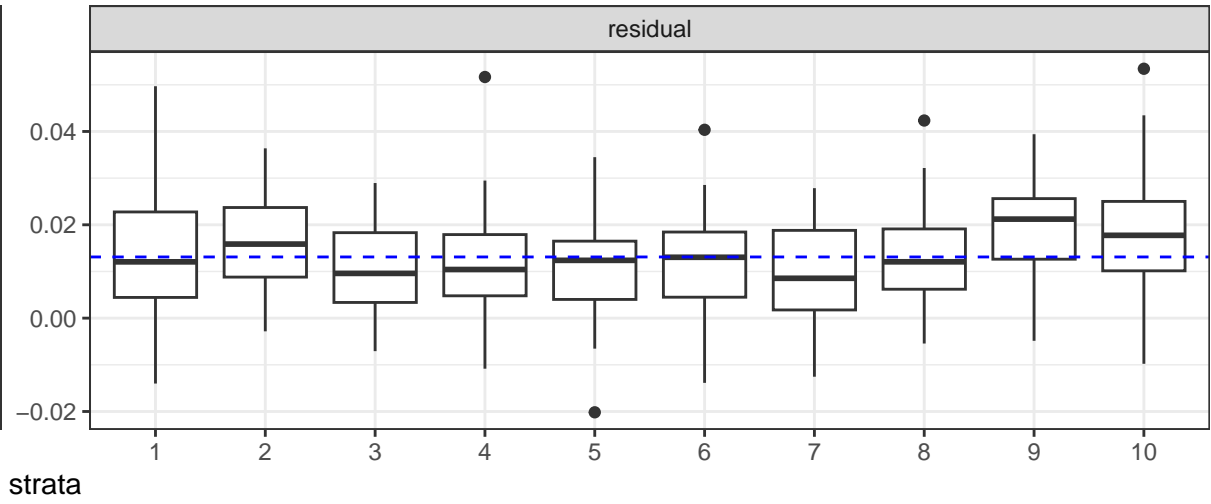
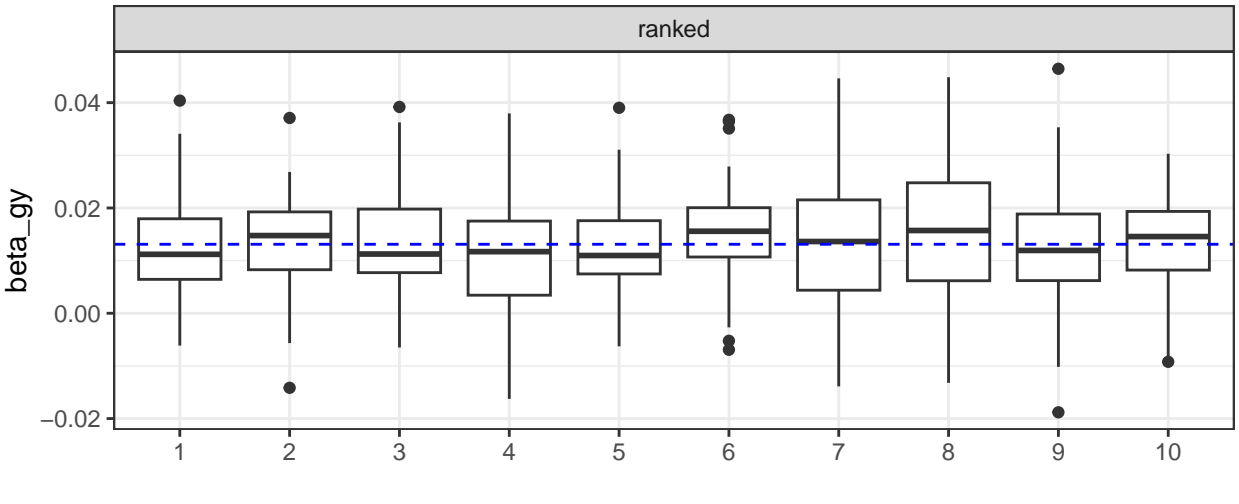
Simulated outcome y distribution



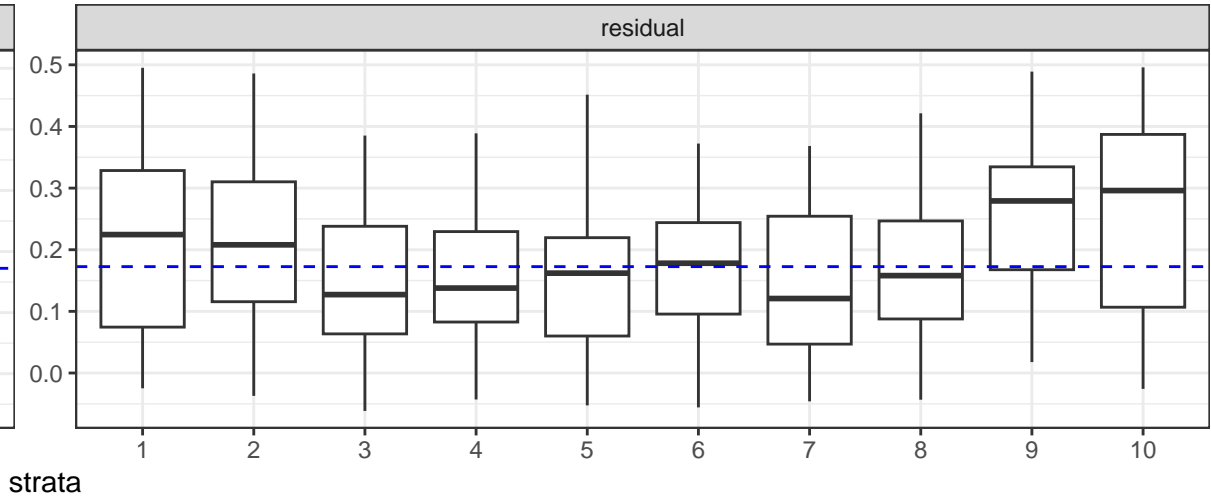
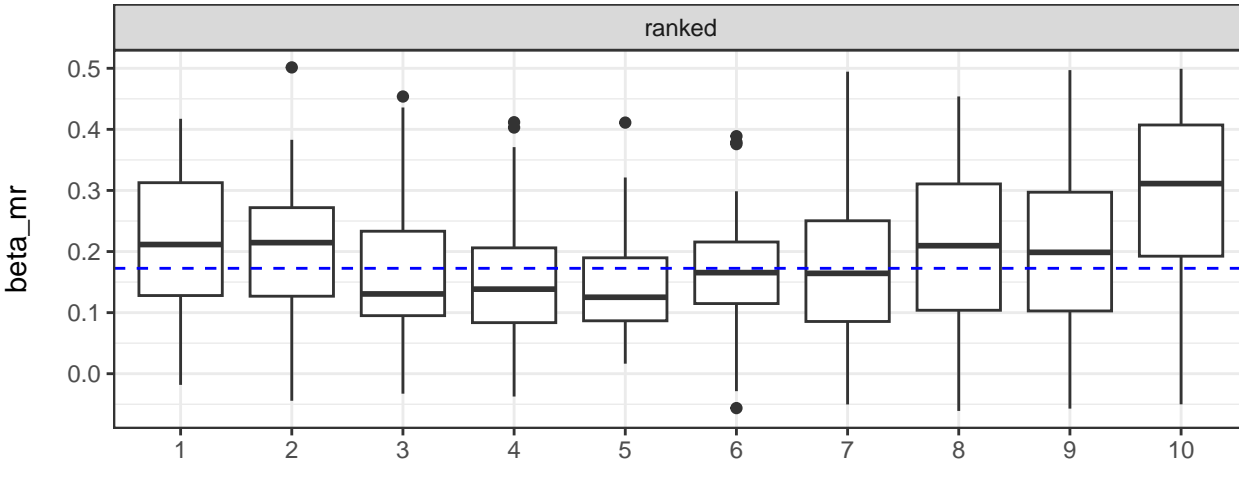
Gene-exposure effect estimates across strata



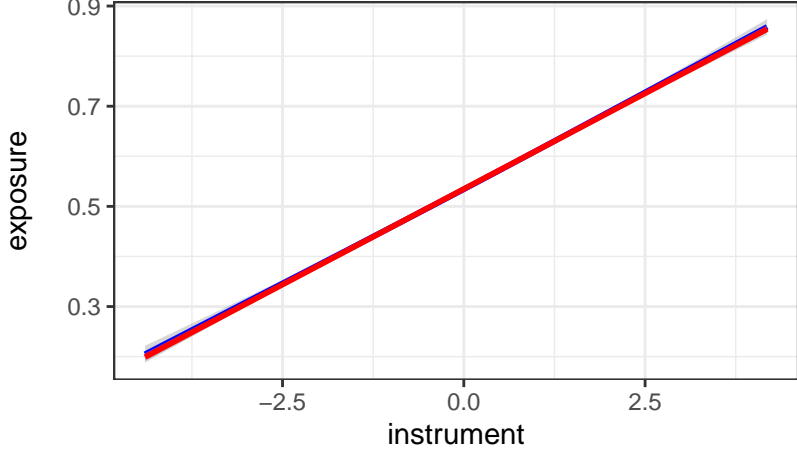
Gene-outcome effect estimates across strata



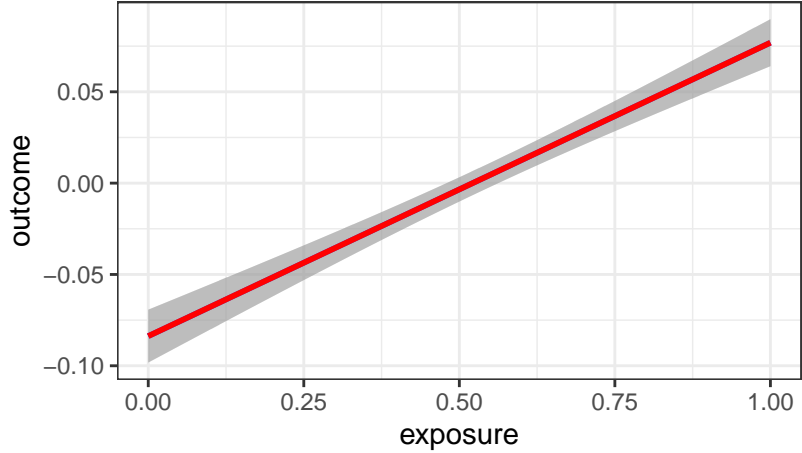
MR effect estimates across strata (excluding top and bottom 2.5%)



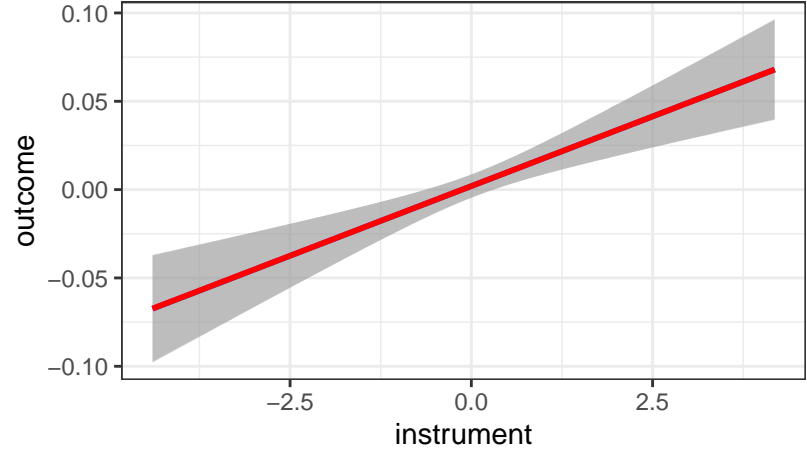
iv ~ exposure,  $R^2 = 0.0752$   $p = 0$



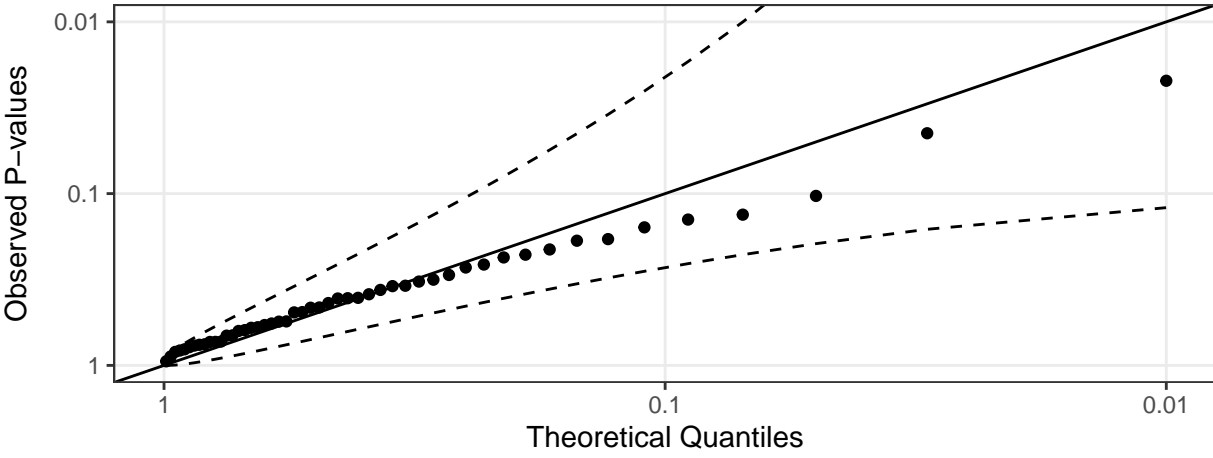
exposure ~ outcome,  $R^2 = 0.0021$   $p = 0.0035$



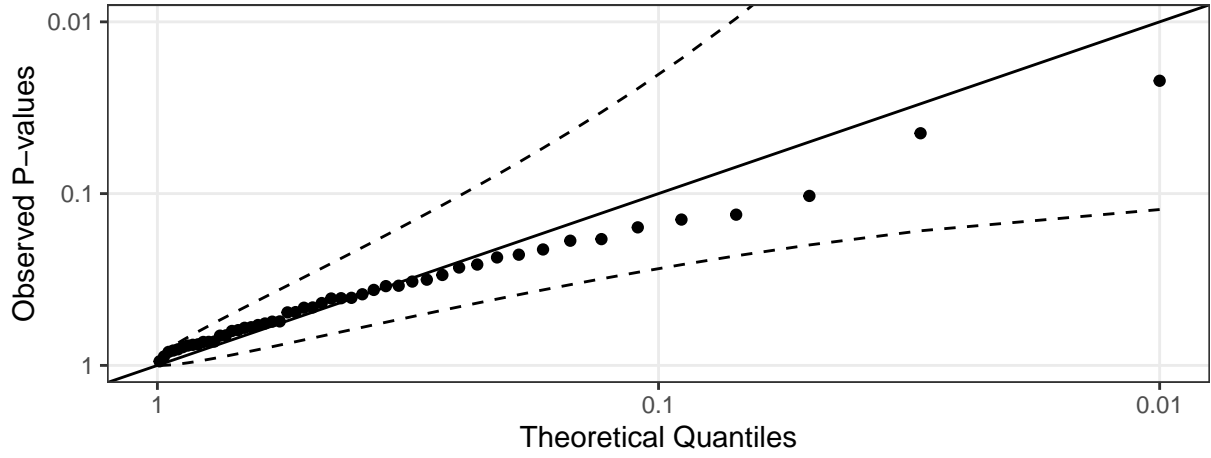
iv ~ outcome,  $R^2 = 2e-04$   $p = 0.007159$



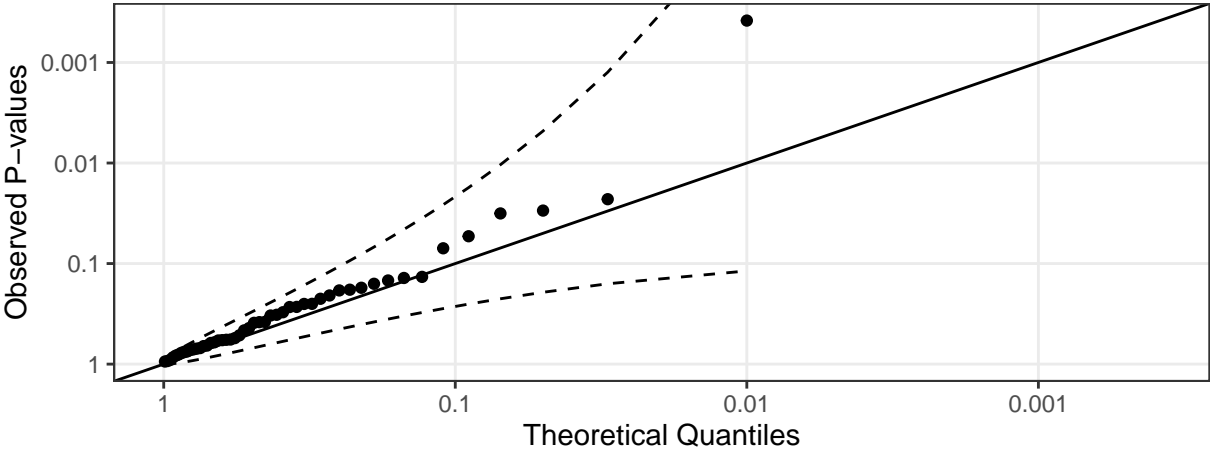
Quadratic P's (Ranked)



Quadratic P's (Residual)



Het P's (Ranked)



Het P's (Residual)

