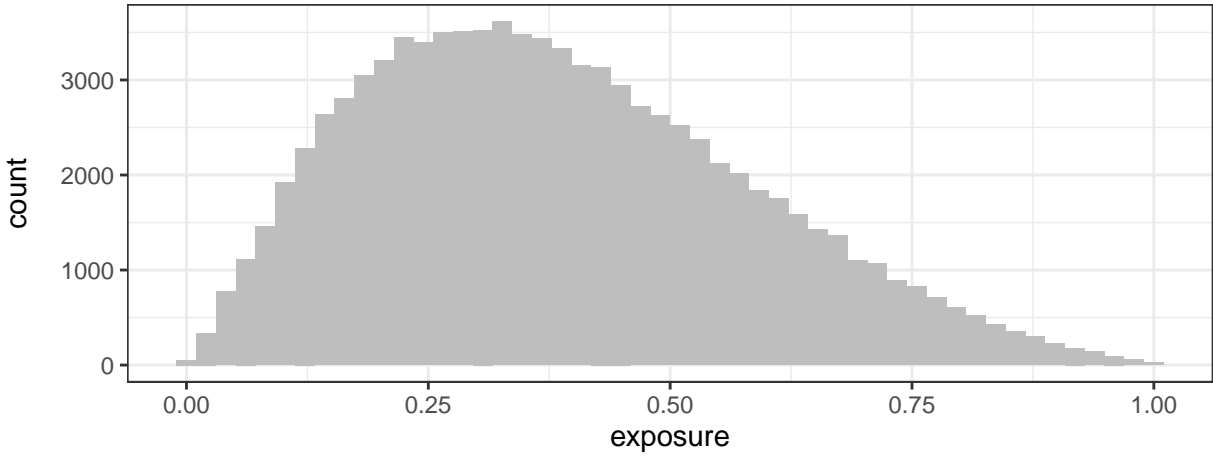
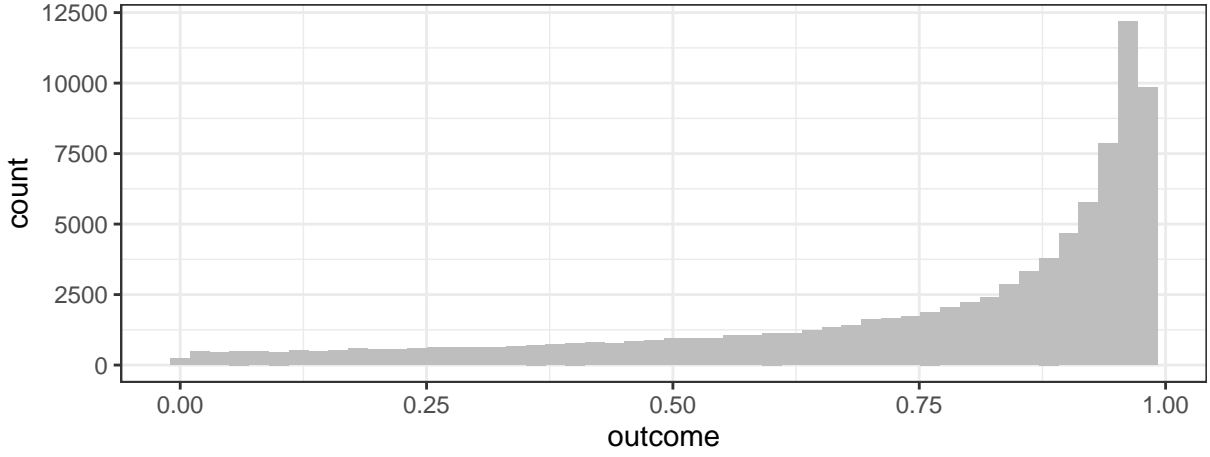


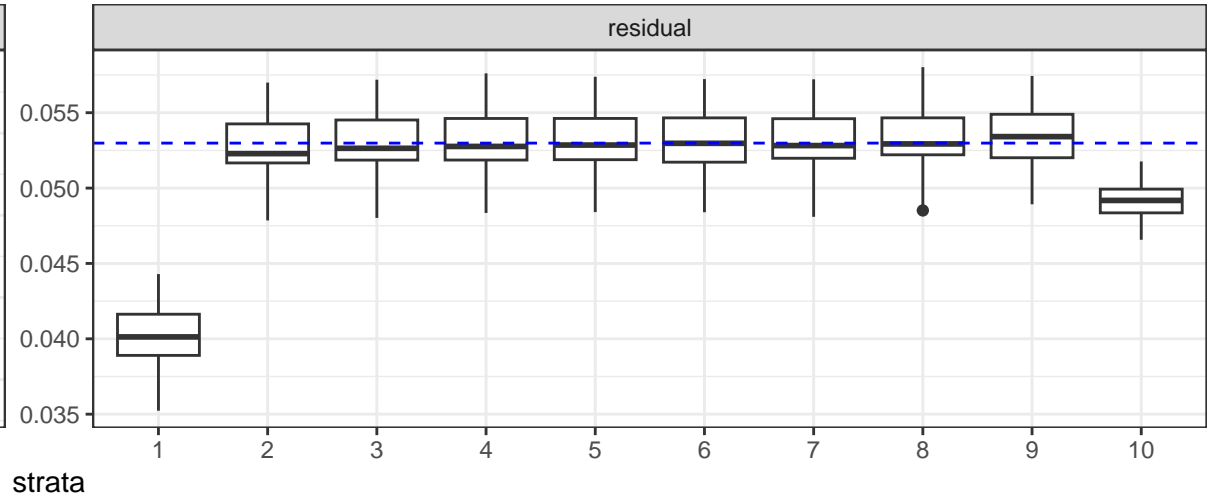
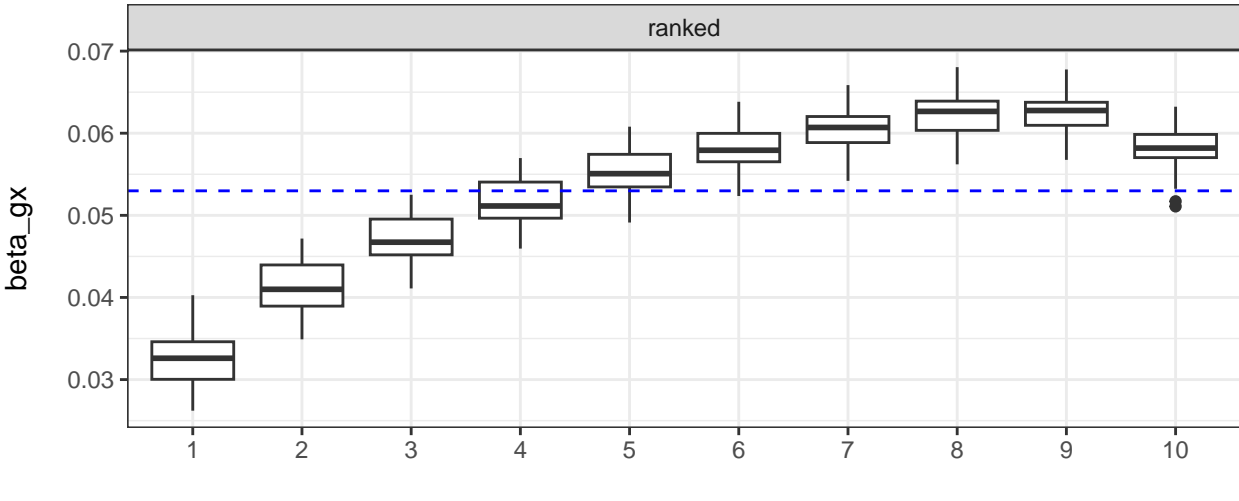
Simulated exposure x_beta distribution



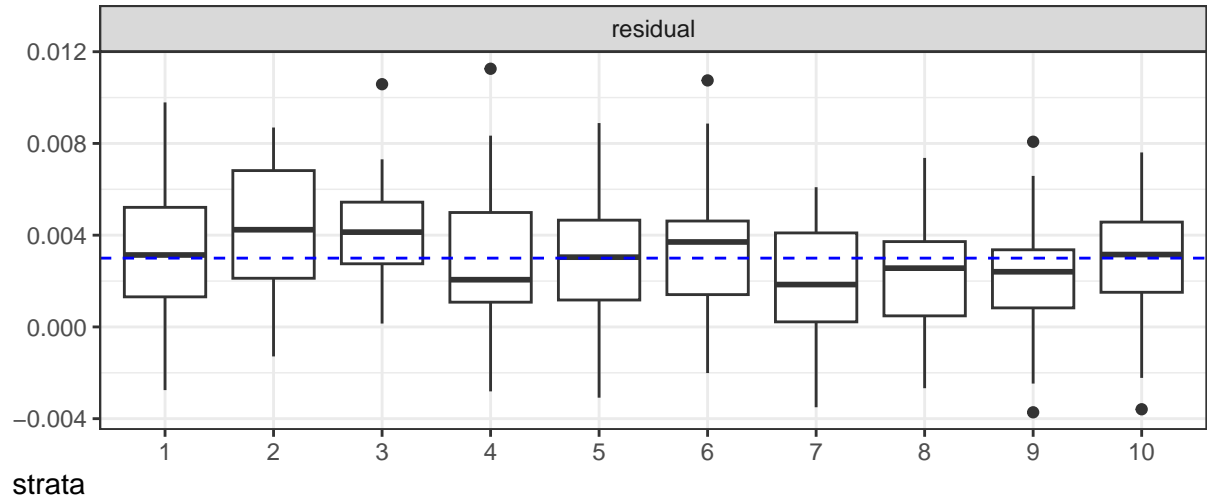
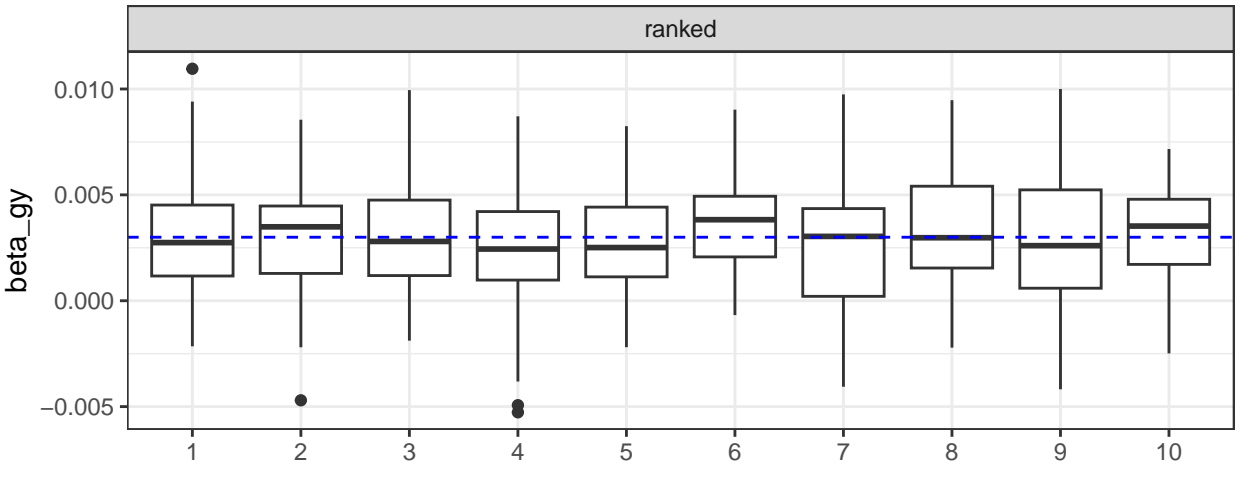
Simulated outcome y_exp distribution



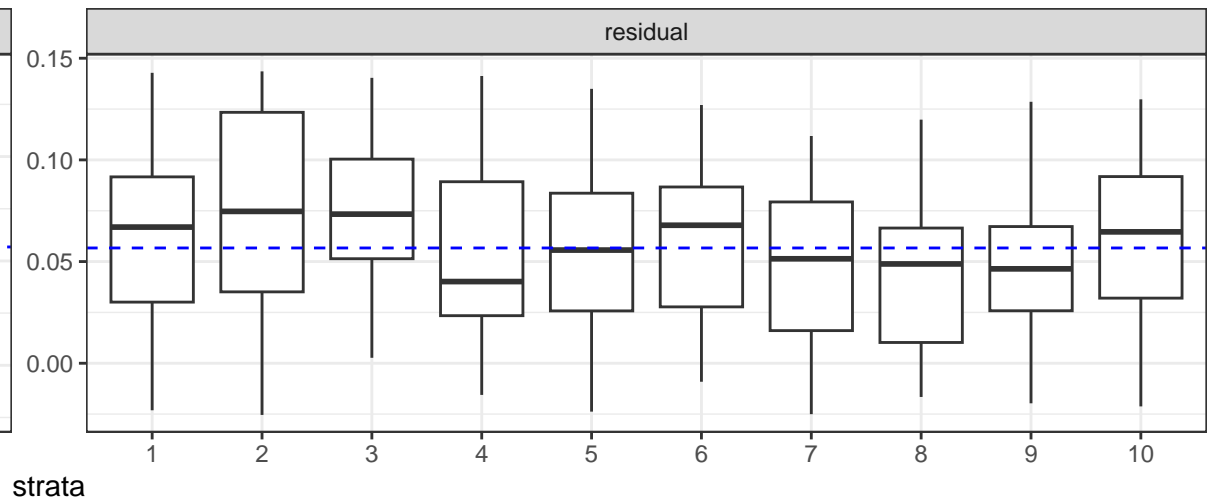
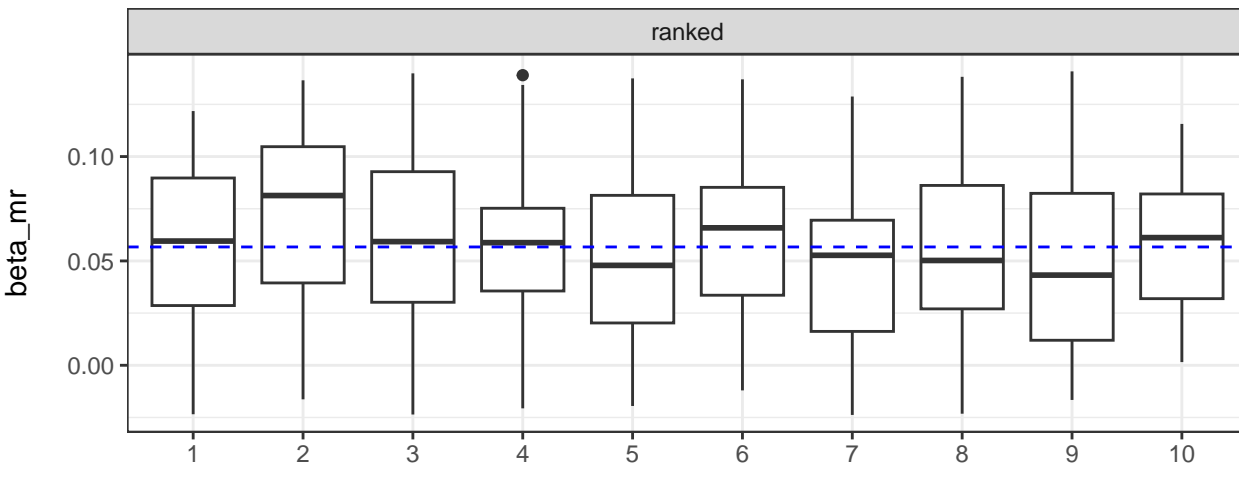
Gene-exposure effect estimates across strata



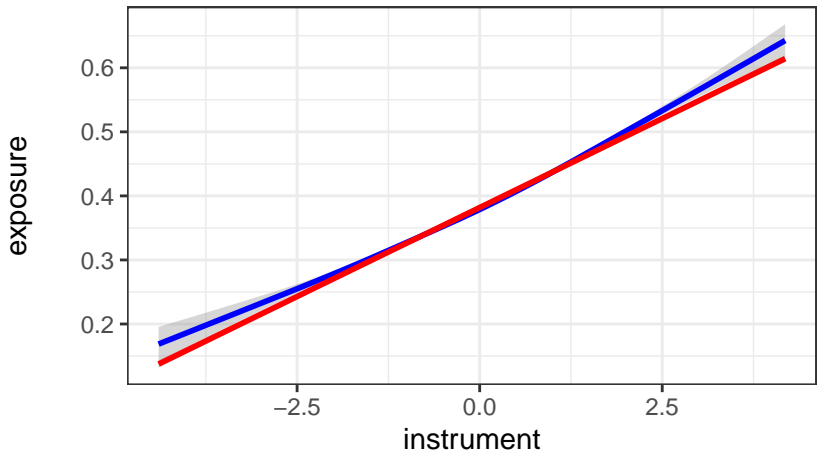
Gene-outcome effect estimates across strata



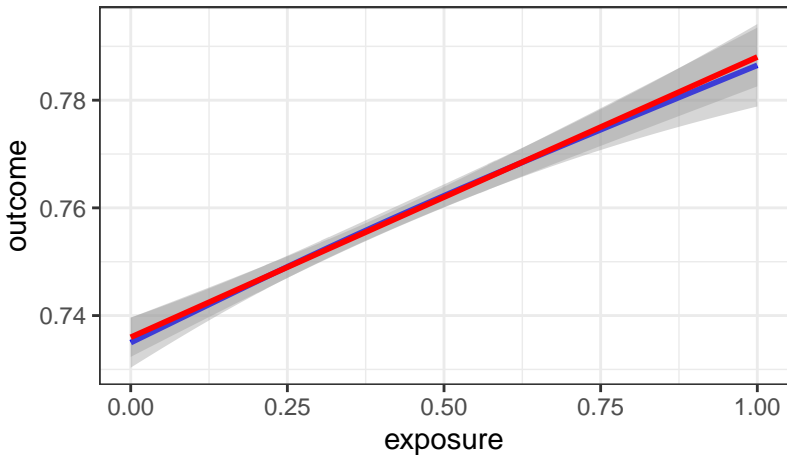
MR effect estimates across strata (excluding top and bottom 2.5%)



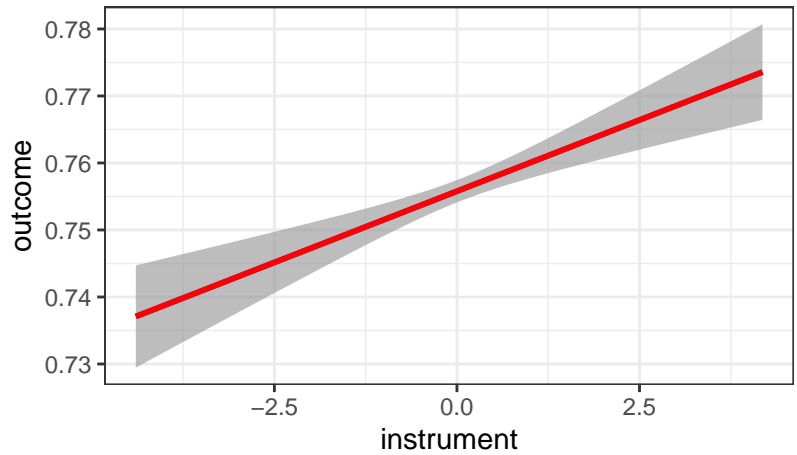
iv ~ exposure, $R^2 = 0.0773$ $p = 0$



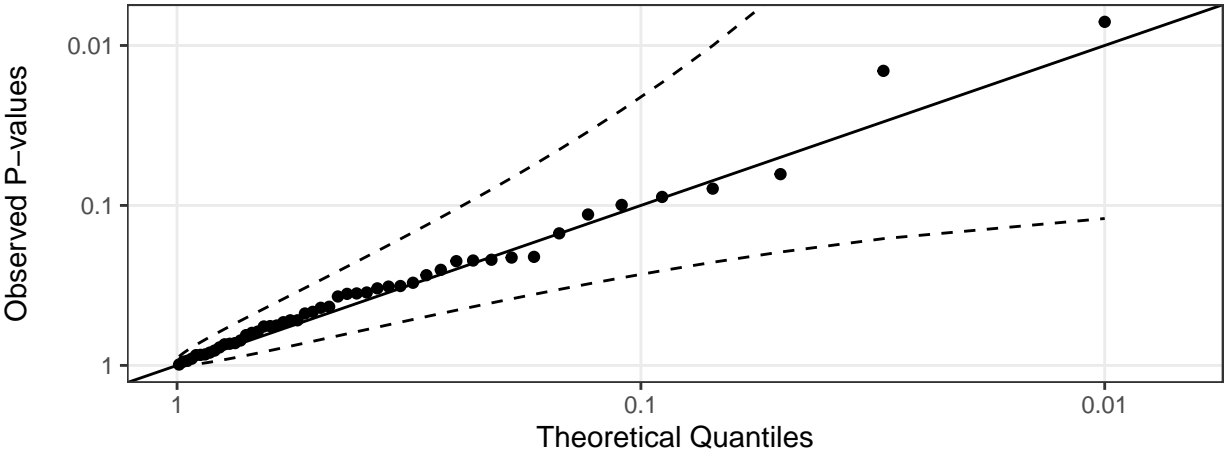
exposure ~ outcome, $R^2 = 0.0017$ $p = 0.0060$



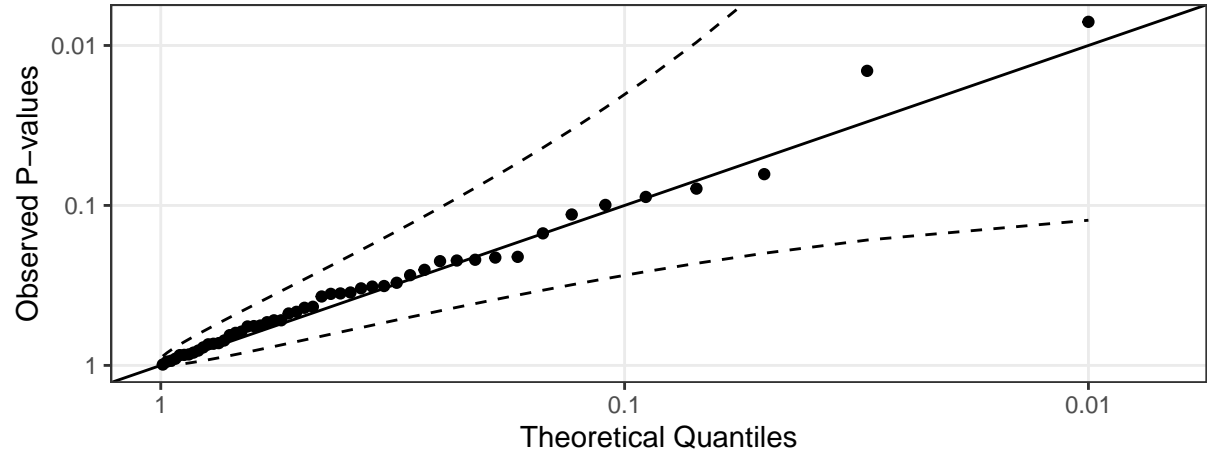
iv ~ outcome, $R^2 = 2e-04$ $p = 0.01217$



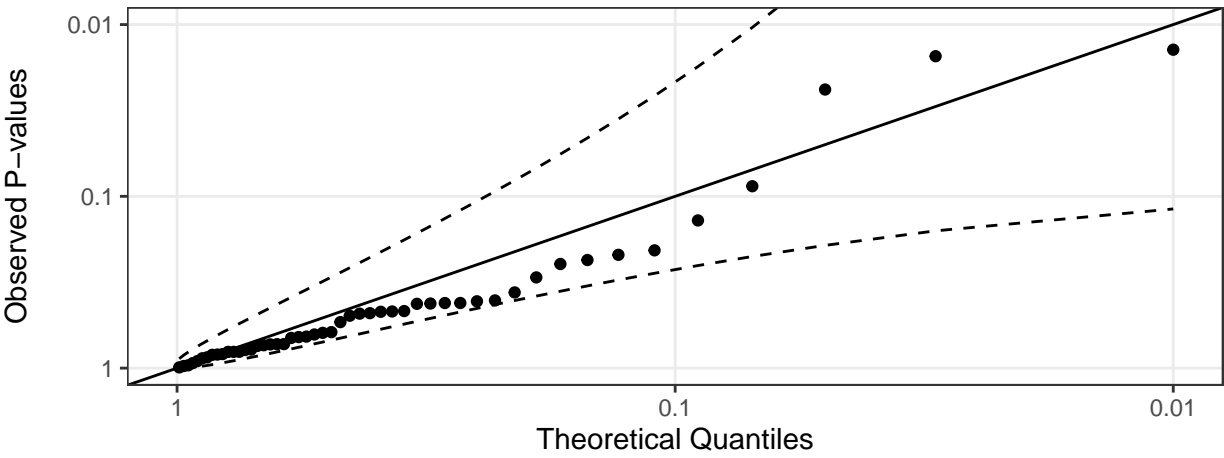
Quadratic P's (Ranked)



Quadratic P's (Residual)



Het P's (Ranked)



Het P's (Residual)

