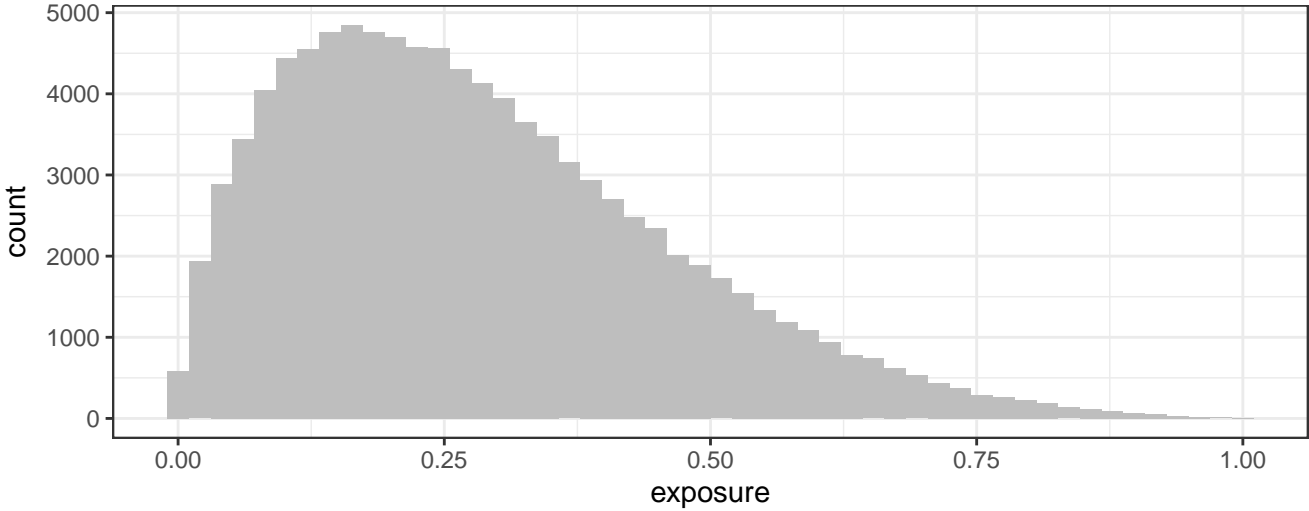
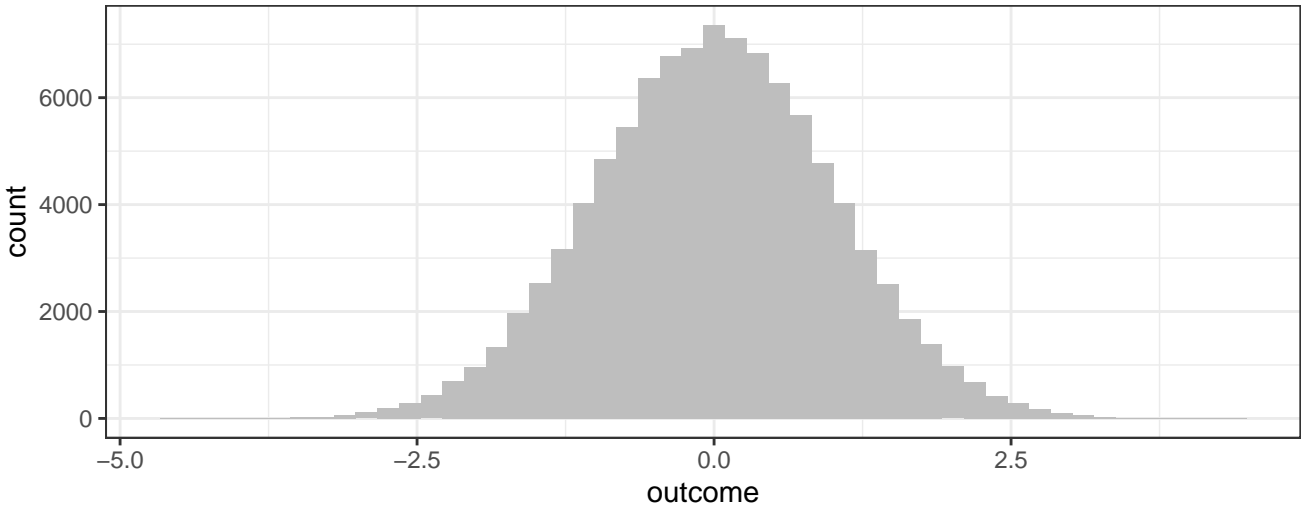


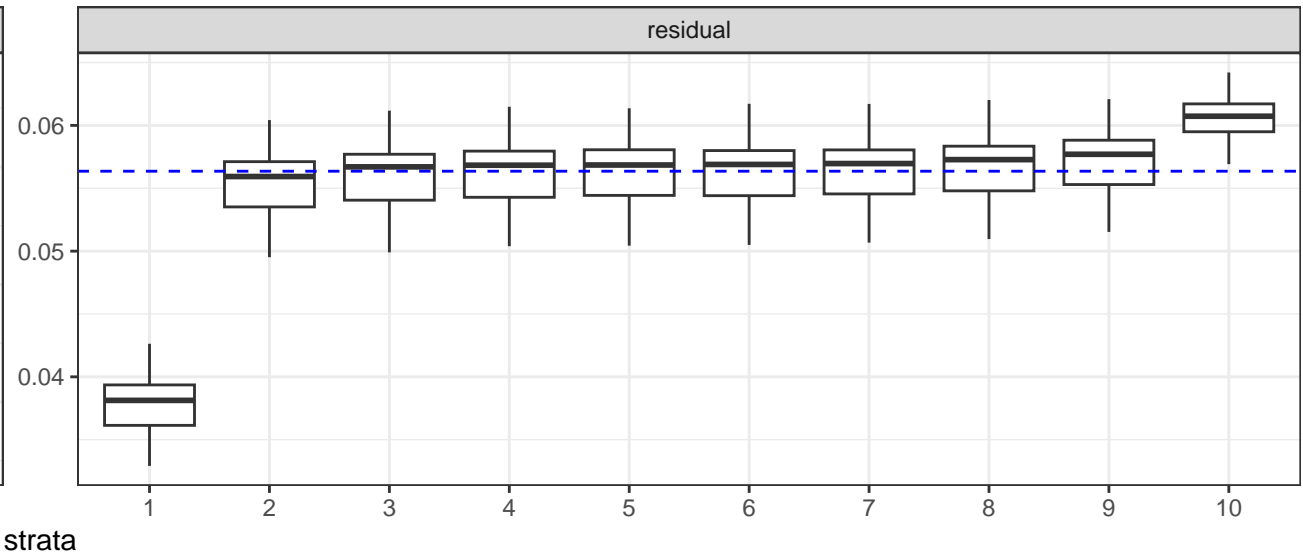
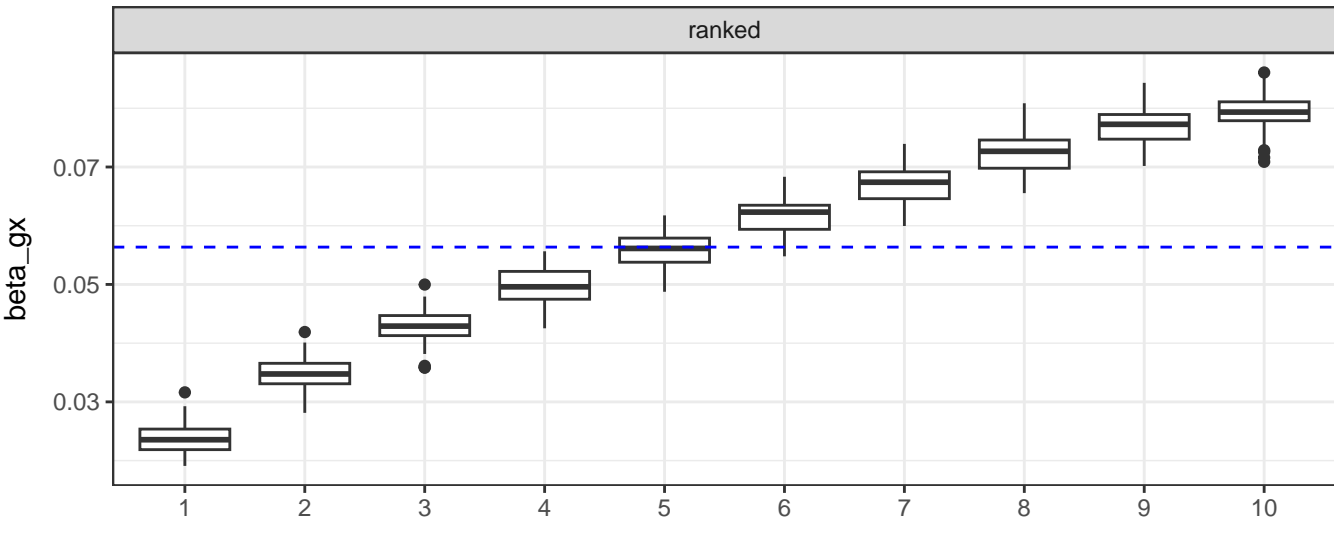
Simulated exposure x_beta distribution



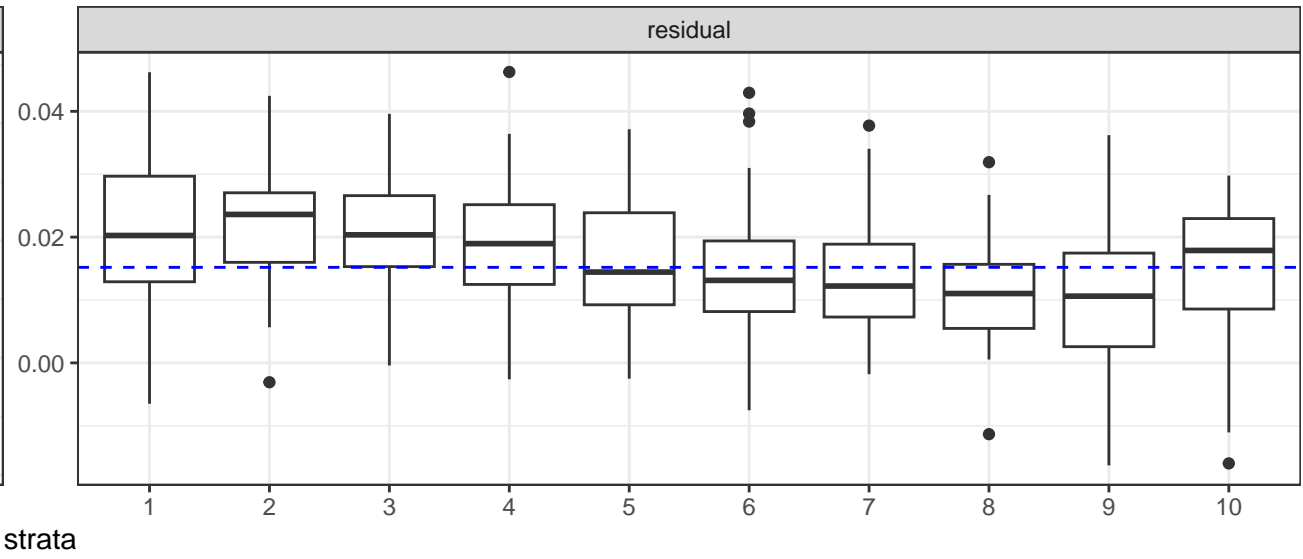
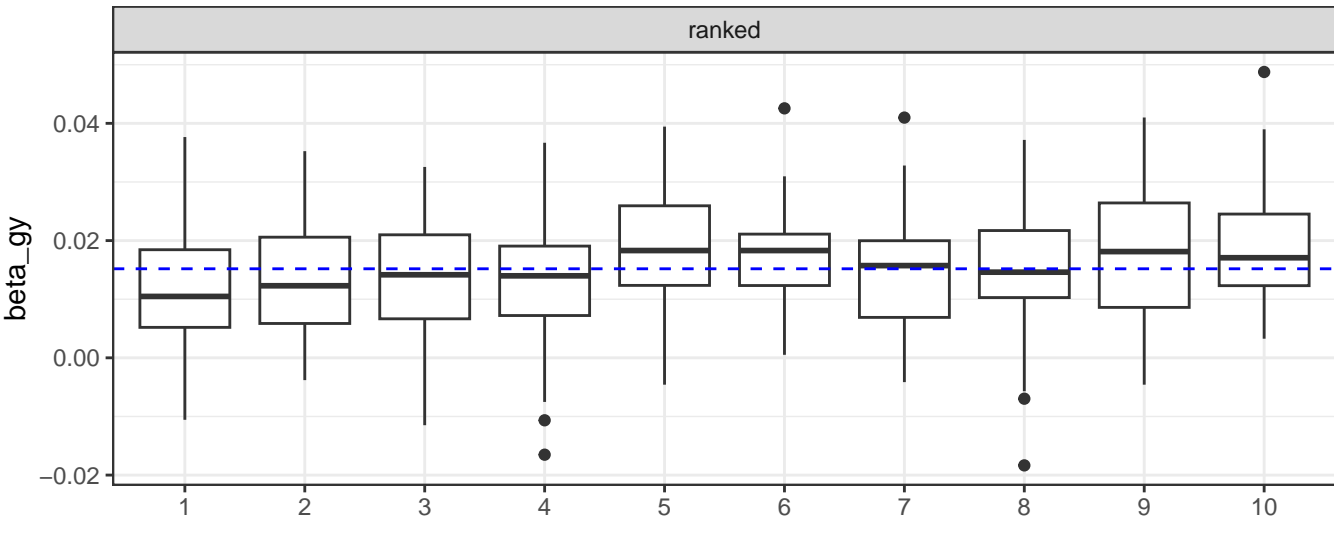
Simulated outcome y distribution



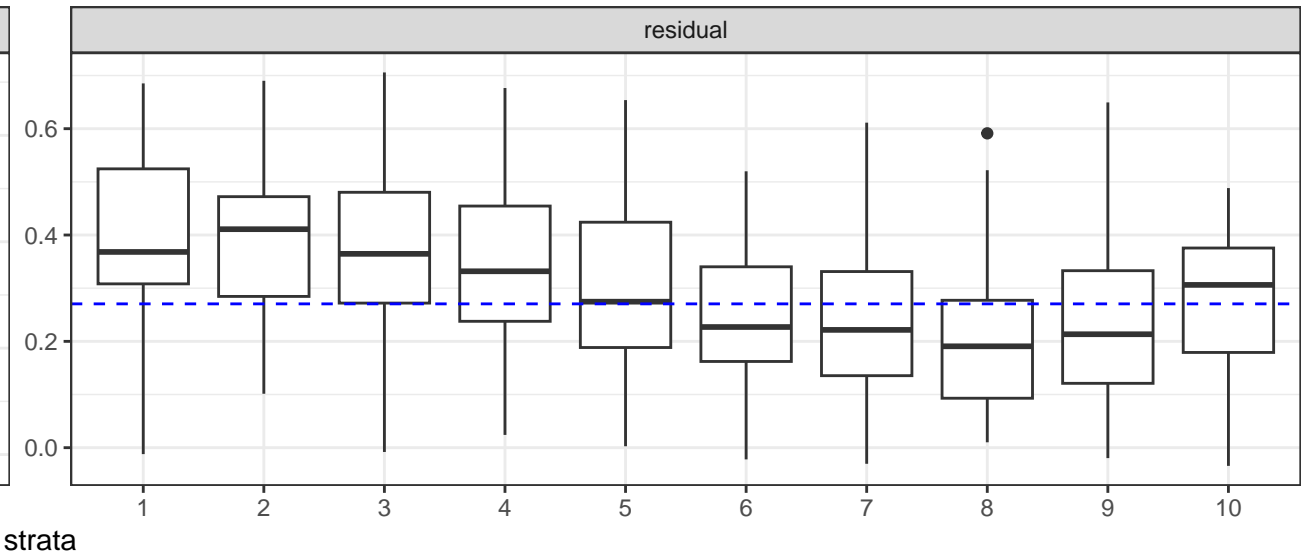
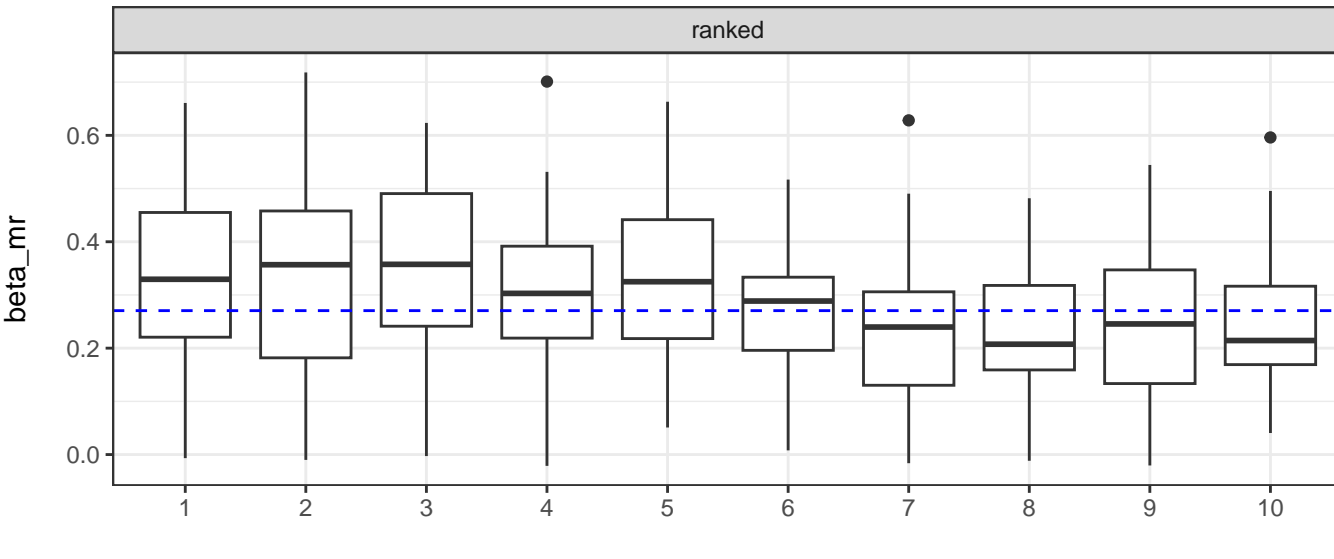
Gene-exposure effect estimates across strata



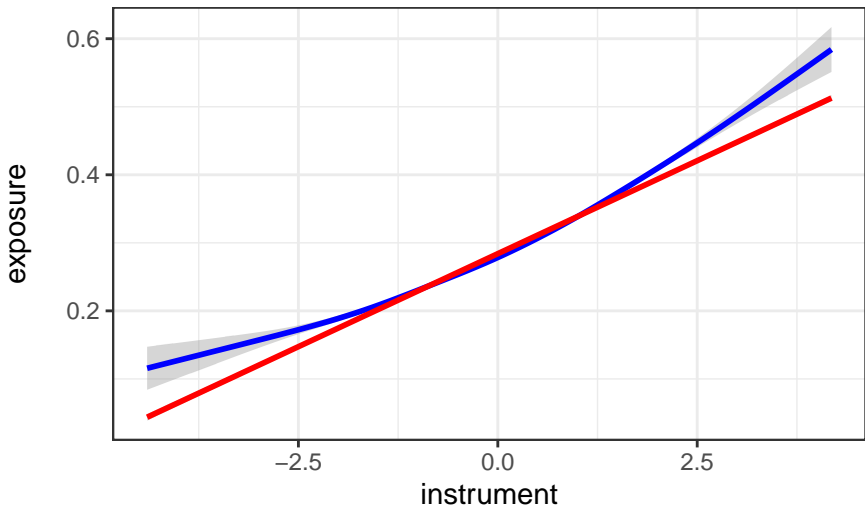
Gene-outcome effect estimates across strata



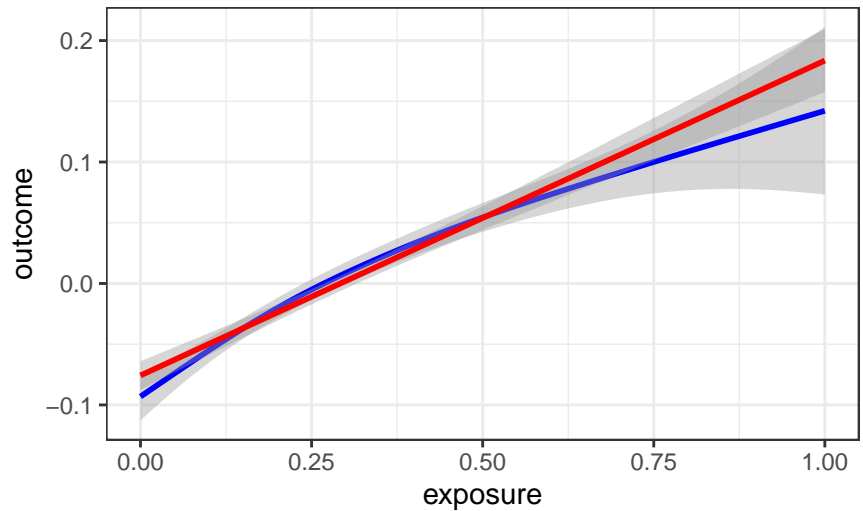
MR effect estimates across strata (excluding top and bottom 2.5%)



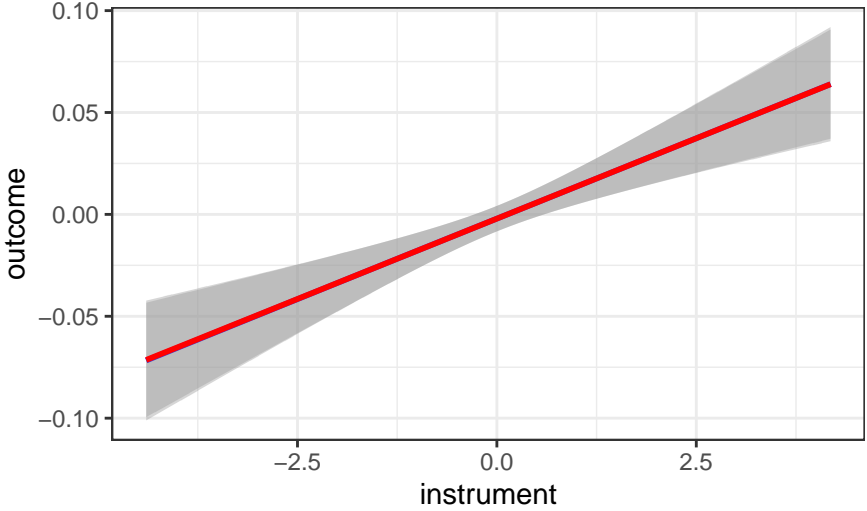
iv ~ exposure, $R^2 = 0.0928$ $p = 0$



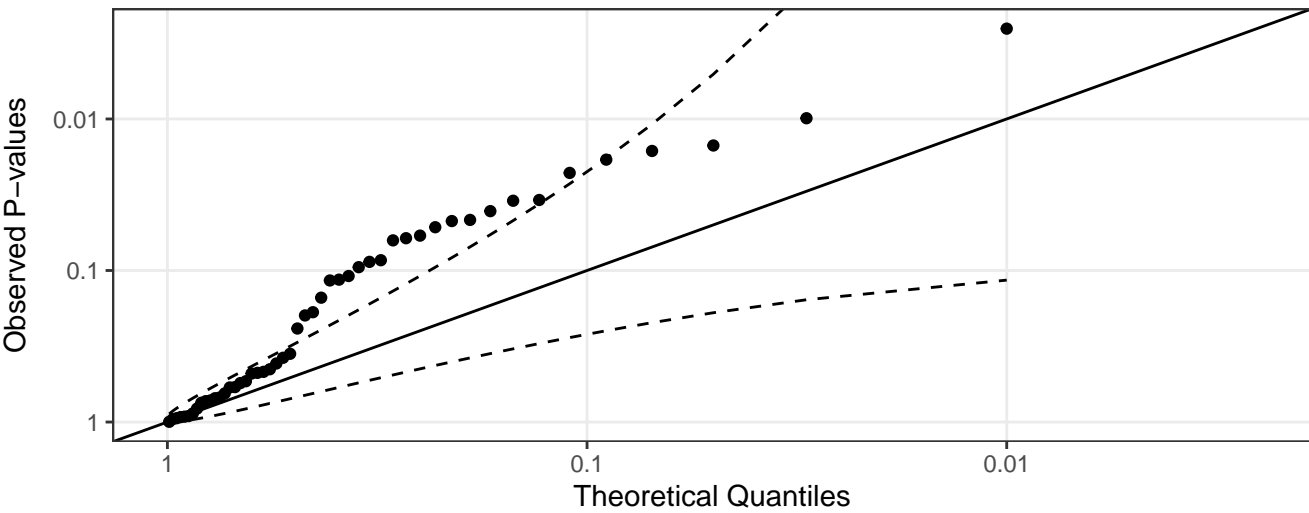
exposure ~ outcome, $R^2 = 0.0025$ $p = 0.0001934$



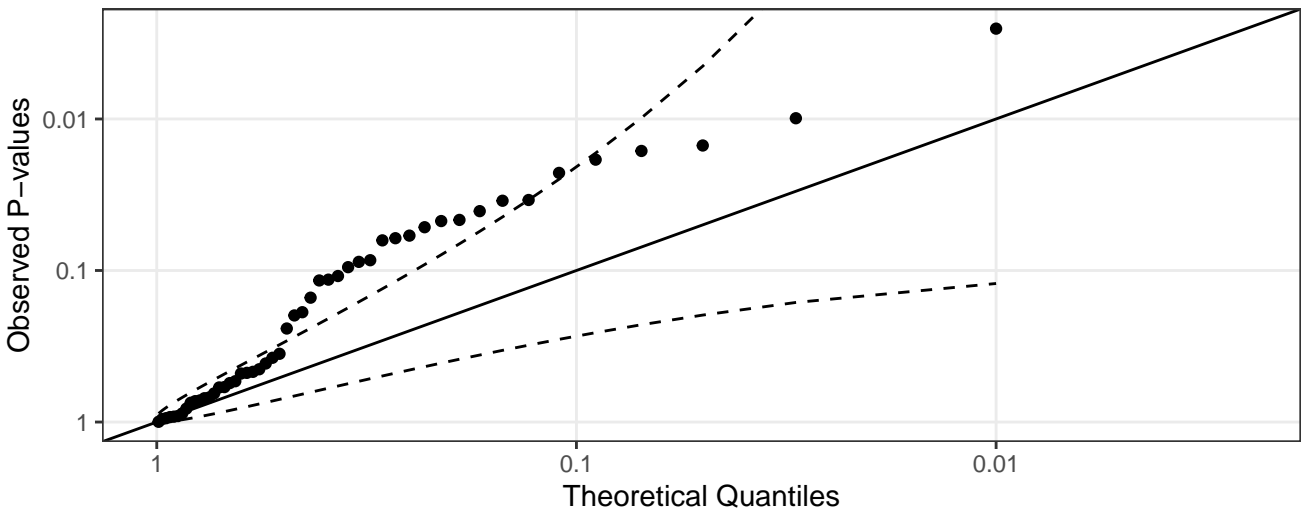
iv ~ outcome, $R^2 = 2e-04$ $p = 0.0003869$



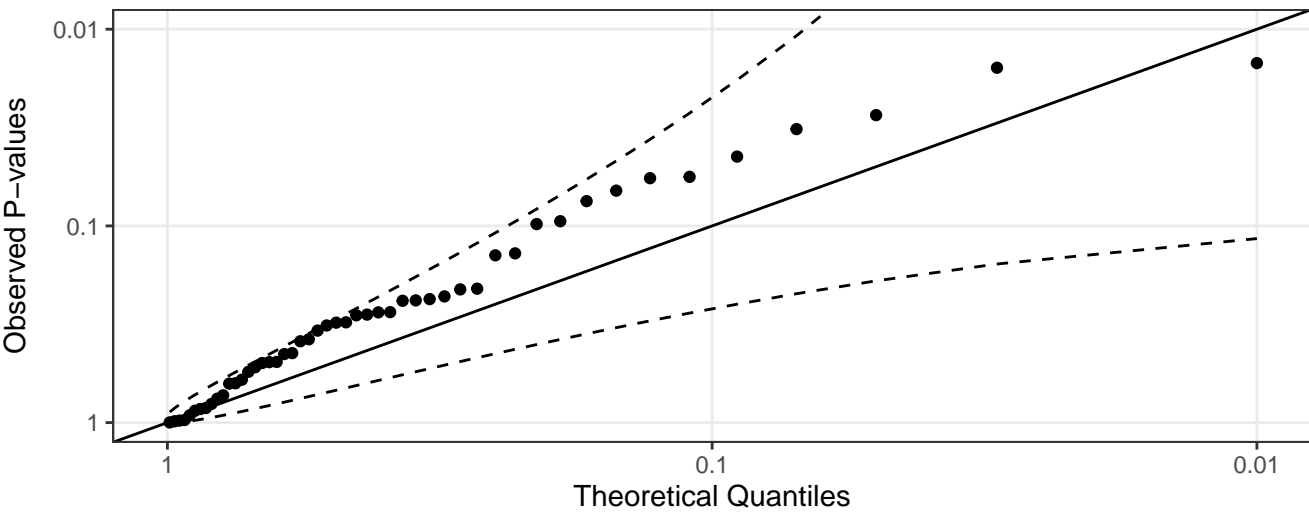
Quadratic P's (Ranked)



Quadratic P's (Residual)



Het P's (Ranked)



Het P's (Residual)

