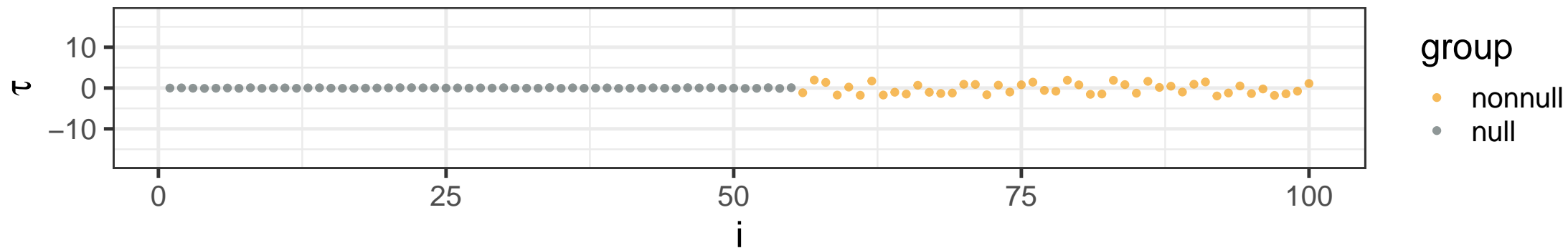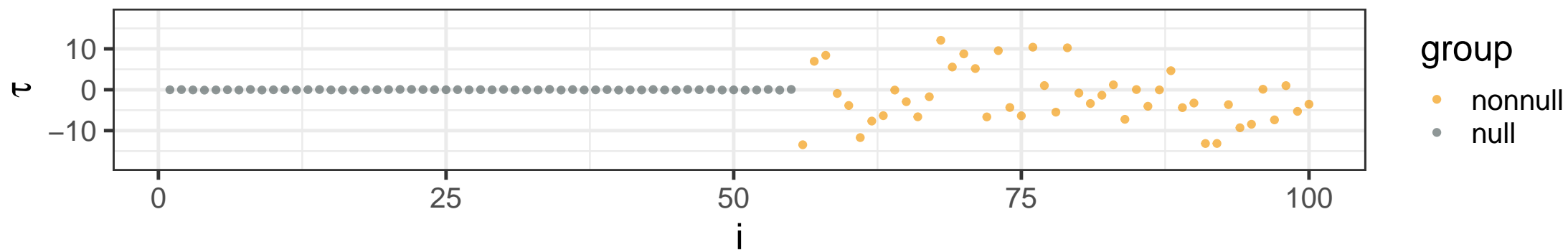True effects:

Uncalibrated effects (RMSE = 6.27):

Calibrated effects (RMSE = 0.82):