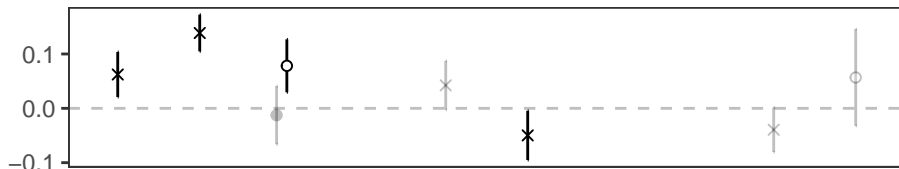
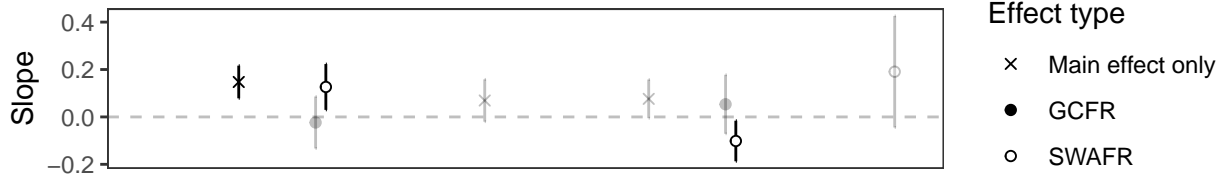


(a)  $\log_{10}(S_{QDS})$ (b)  $\log_{10}(S_{HDS})$ (c)  $\log_{10}(S_{DS})$ 