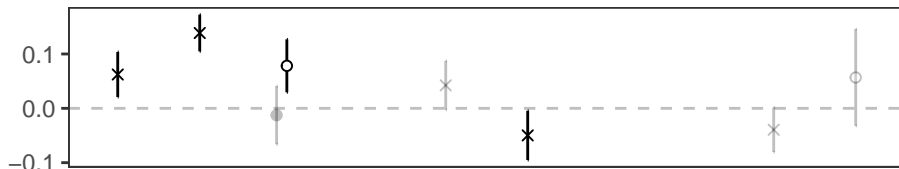
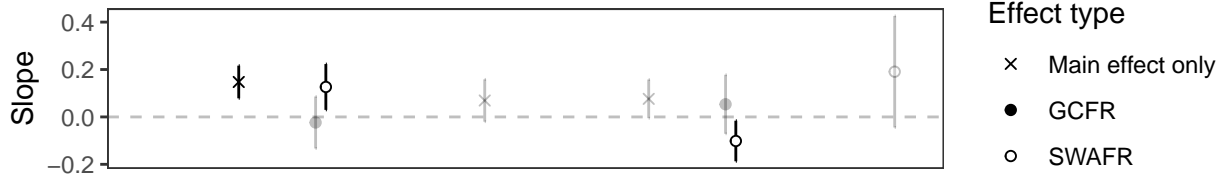


(a) $\log_{10}(S_{QDS})$ (b) $\log_{10}(S_{HDS})$ (c) $\log_{10}(S_{DS})$ 