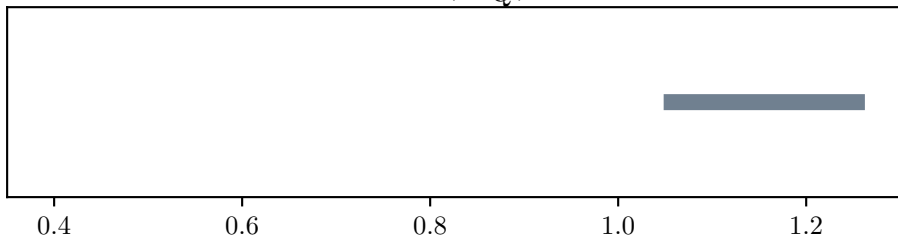
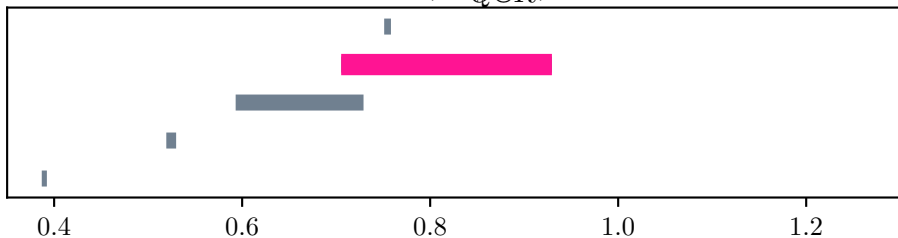


$$\text{BC}_1(X_{\bullet_Q})$$



$$\text{BC}_1(X_{\bullet_{Q \cup R}})$$



$$\text{BC}_1(X_{\bullet_R})$$

