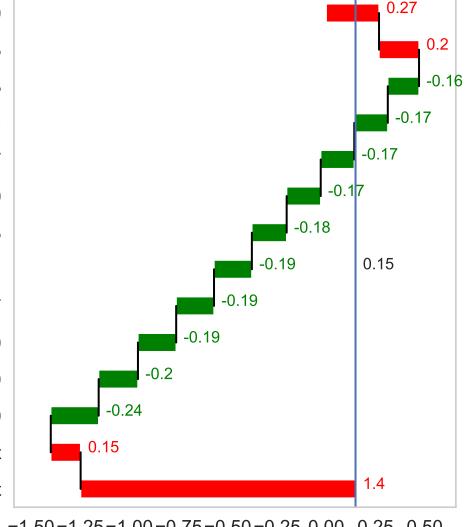
compas, rw, dt, sex, before

priors count=0 age cat=Less than 25 & priors count=1 to 3 age cat=Greater than 45 & priors count=More than 3 priors count=More than 3 & c charge degree=M priors count=More than 3 & c charge degree=F age cat=Less than 25 & priors count=0 race & priors count=More than 3 priors count=0 & c charge degree=M priors count=0 & c charge degree=F age cat=25 to 45 & priors count=0 race & priors count=0 age cat=Greater than 45 & priors count=0 residual effect higher-order effect



 $-1.50 - 1.25 - 1.00 - 0.75 - 0.50 - 0.25 \ 0.00 \ 0.25 \ 0.50$

$$\max_{\mathbf{a}} \Pr[\hat{Y} = 1 | \mathbf{A} = \mathbf{a}] - \min_{\mathbf{a}'} \Pr[\hat{Y} = 1 | \mathbf{A} = \mathbf{a}]$$