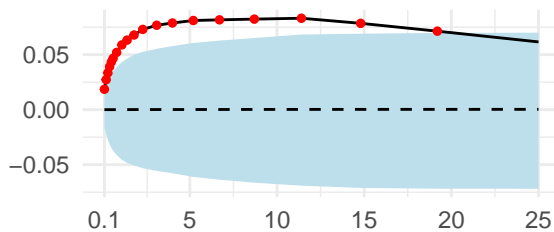
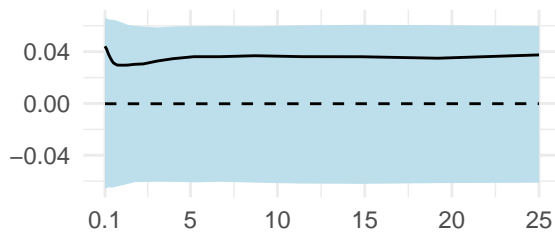


$E_\alpha$ 

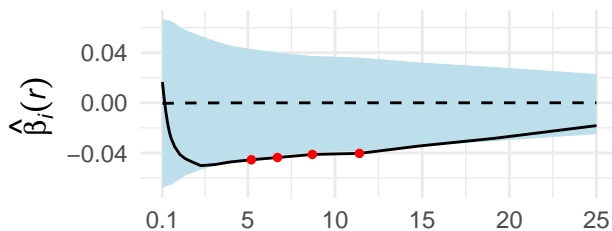
$p = 0.001$

 $E_\gamma$ 

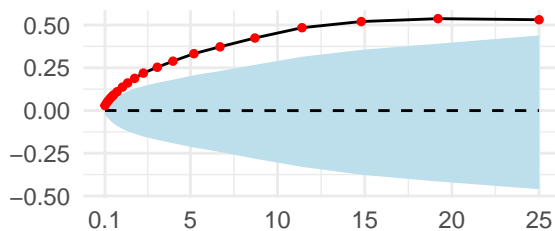
$p = 0.218$

 $E_\beta$ 

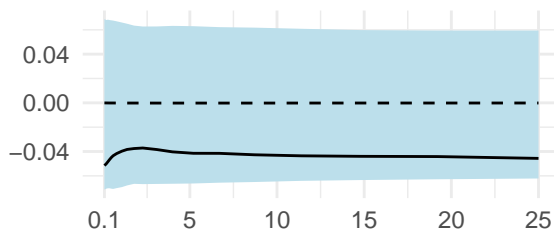
$p = 0.035$

 $R_\alpha^*$ 

$p < 0.001$

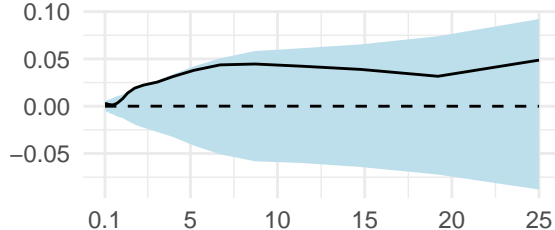
 $U_\gamma^*$ 

$p = 0.178$



Clustering

$p = 0.051$



length of sampling units ( $m$ )