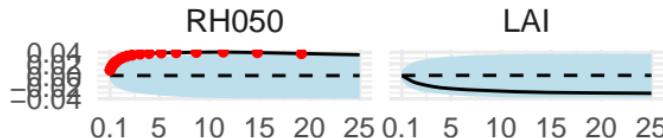
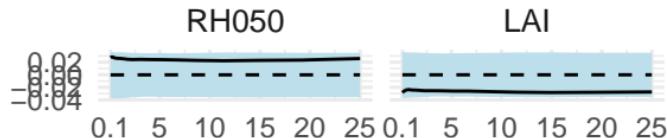


E_α

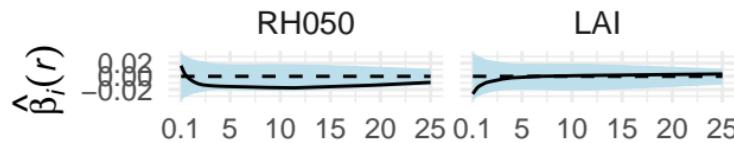
p = 0.001

 E_γ

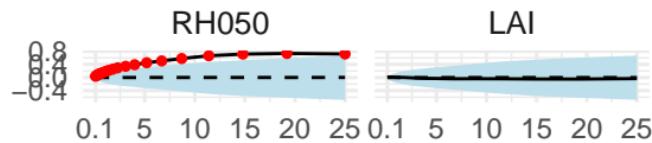
p = 0.179

 E_β

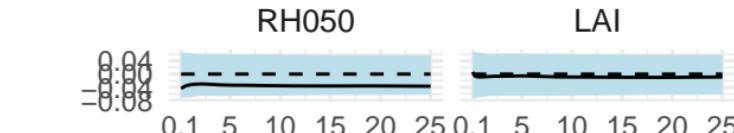
p = 0.247

 R_α^*

p < 0.001

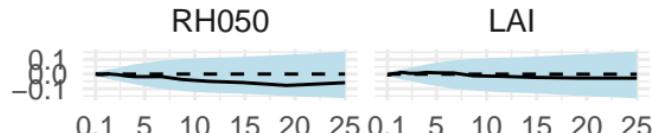
 $\hat{\beta}_i(r)$

p = 0.401



Clustering

p = 0.789



length of sampling units (m)