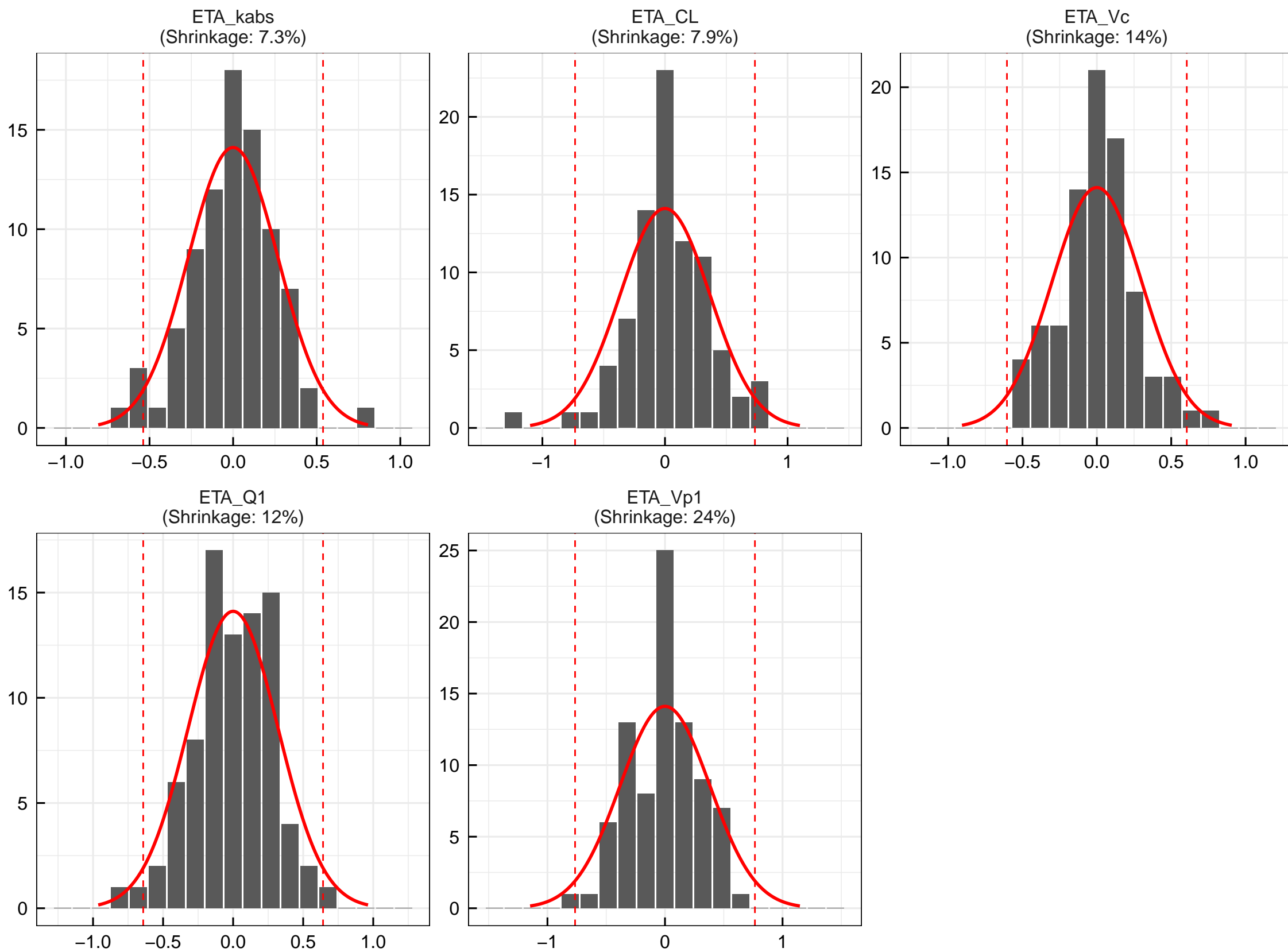


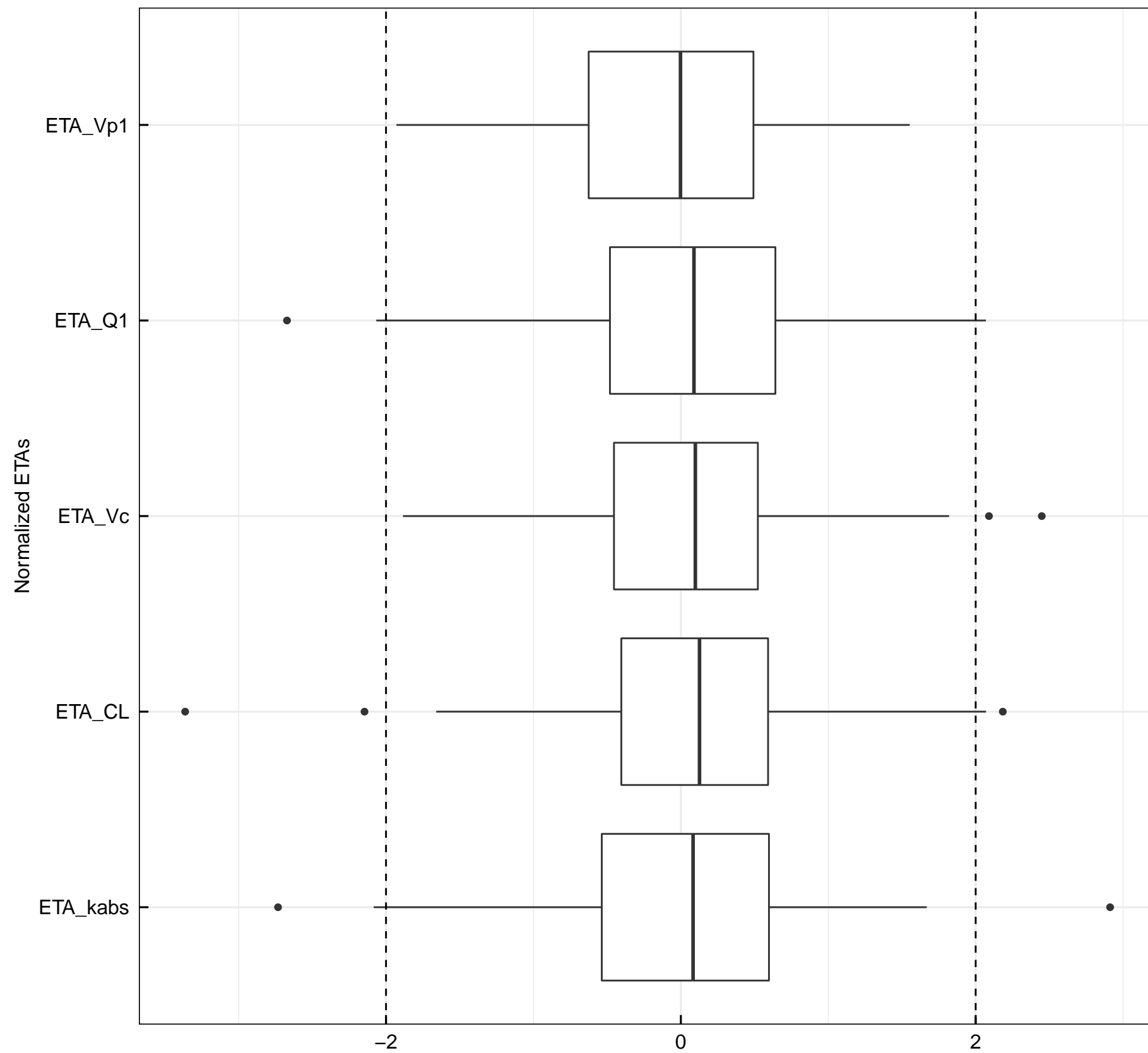
# Estimated random effect distribution and histogram of individual random effects

Dashed lines indicate  $[-2, 2] \times$  estimated population standard deviation

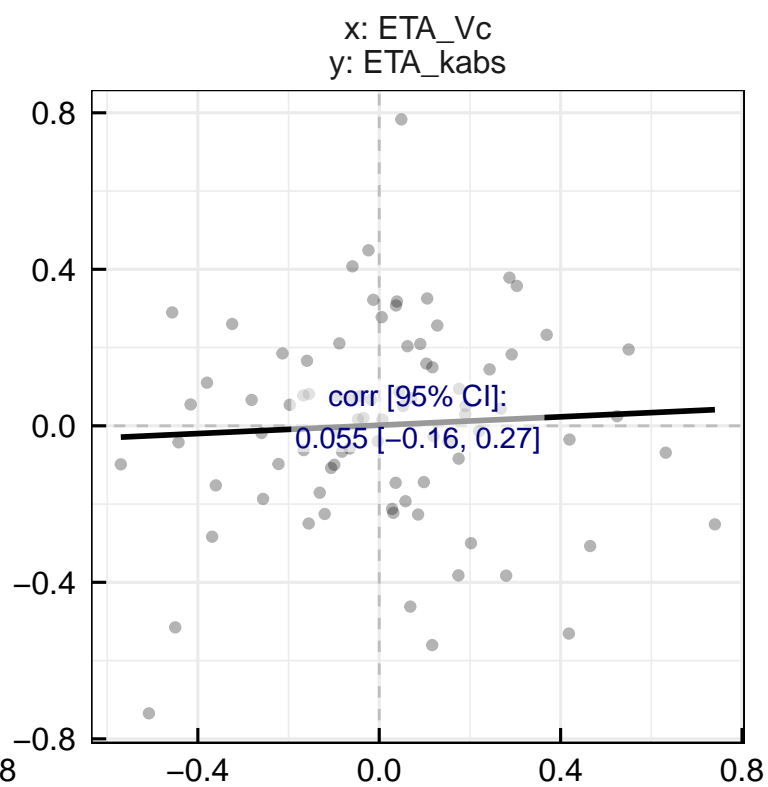
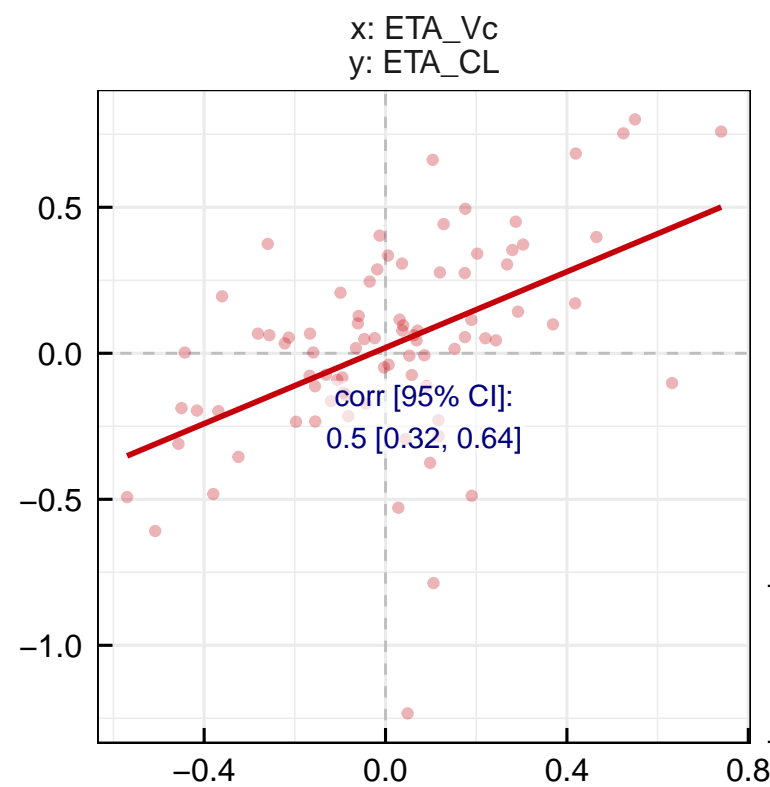
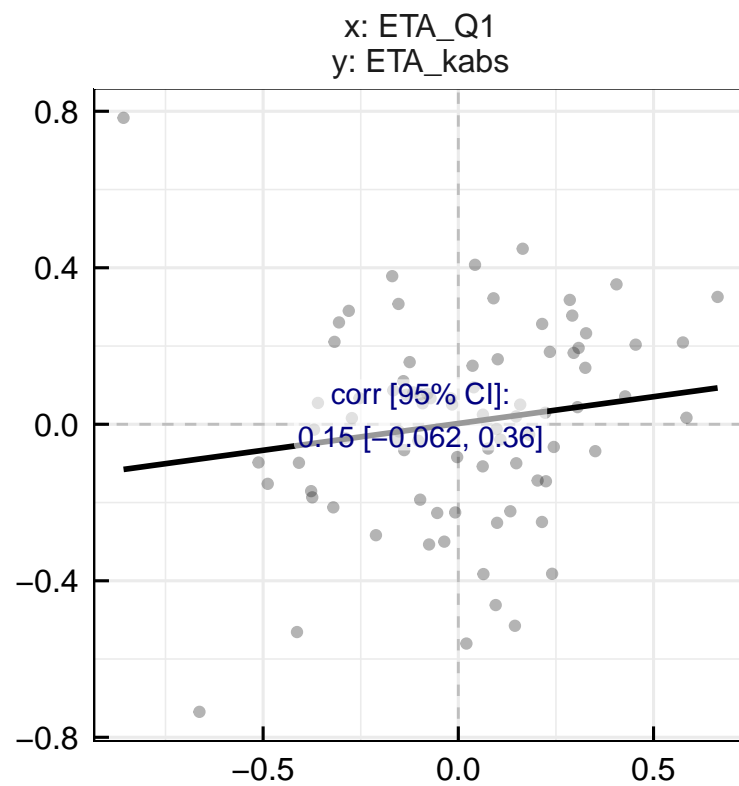
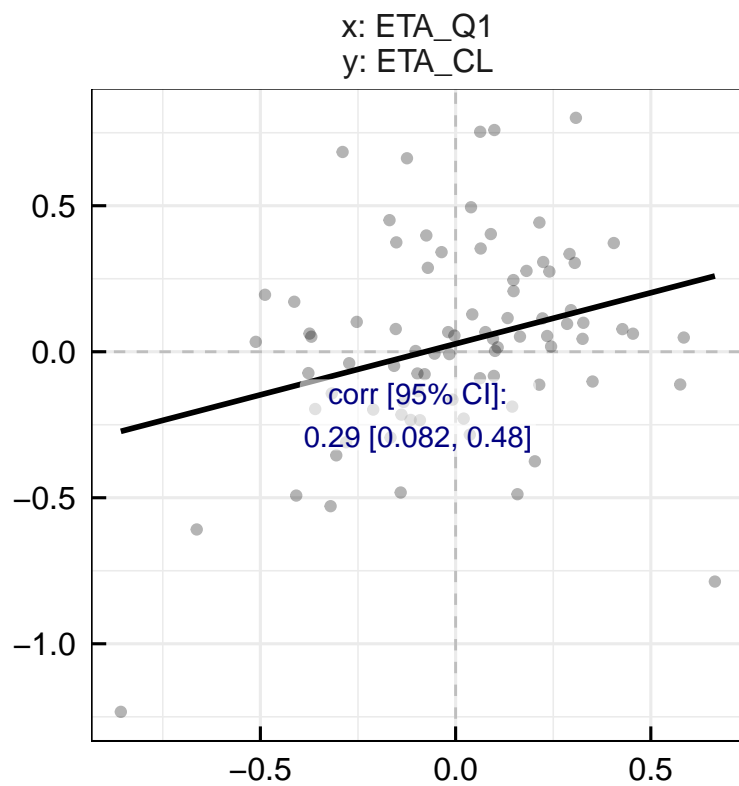
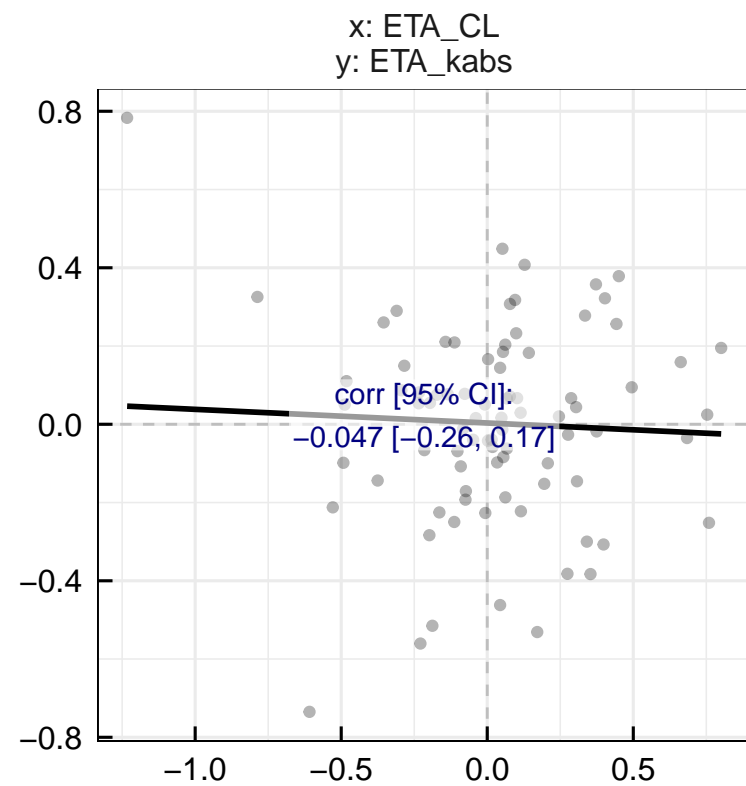


# Boxplots of individual random effects

Individual ETAs were normalized by the population standard deviation



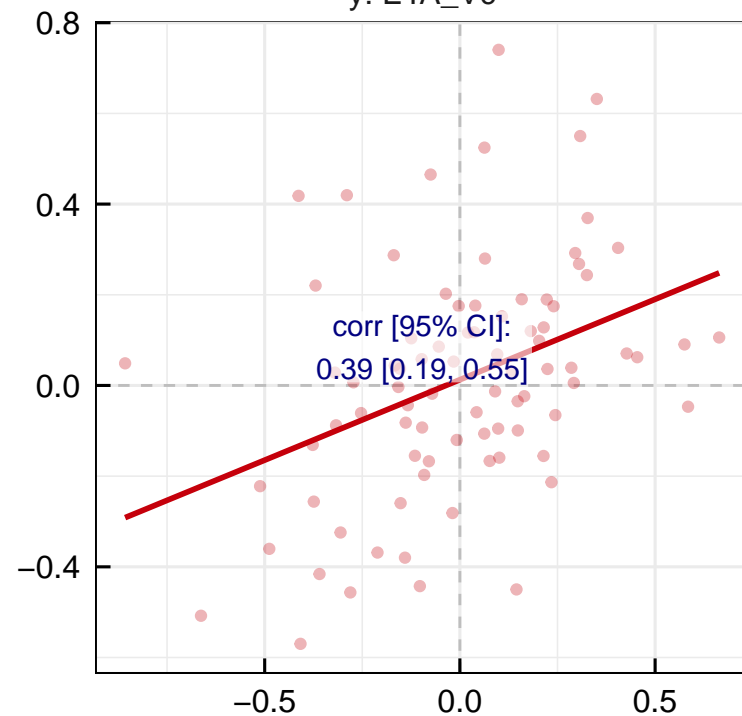
# Correlation of individual random effects (page 1 of 2)



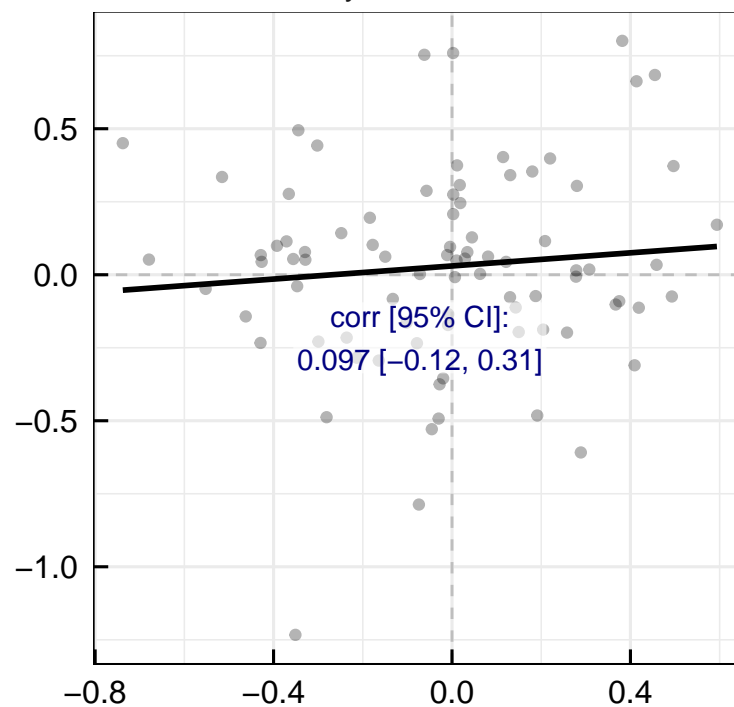
|corr|>0.3 — no — yes

# Correlation of individual random effects (page 2 of 2)

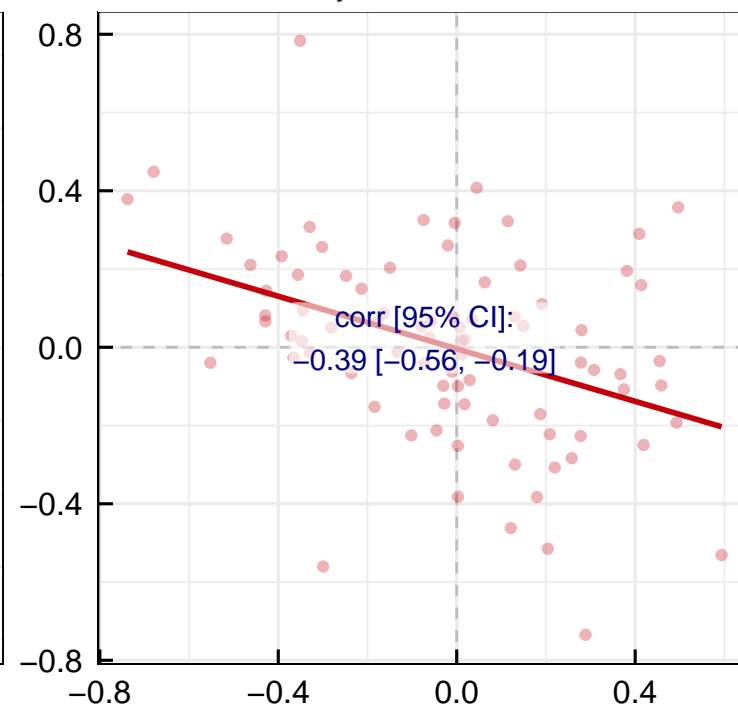
x: ETA\_Q1  
y: ETA\_Vc



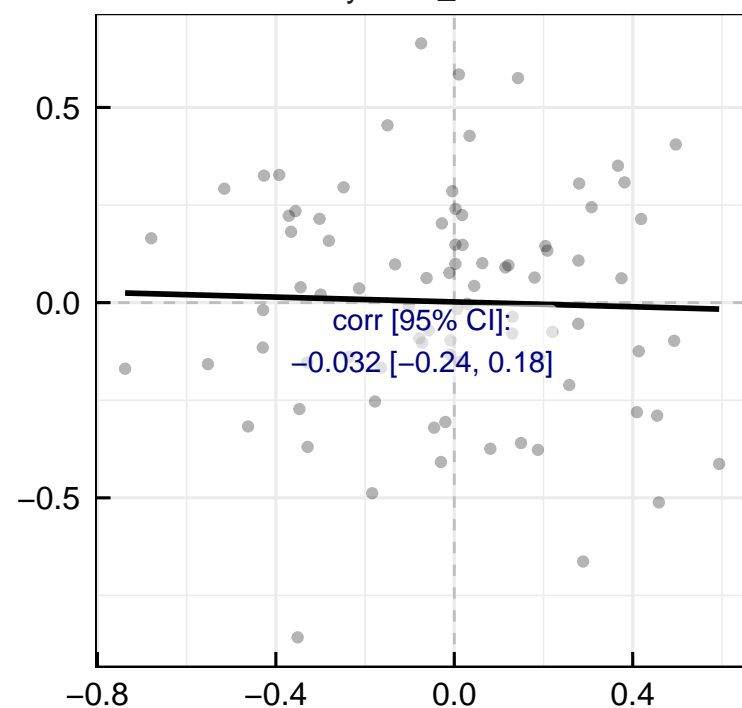
x: ETA\_Vp1  
y: ETA\_CL



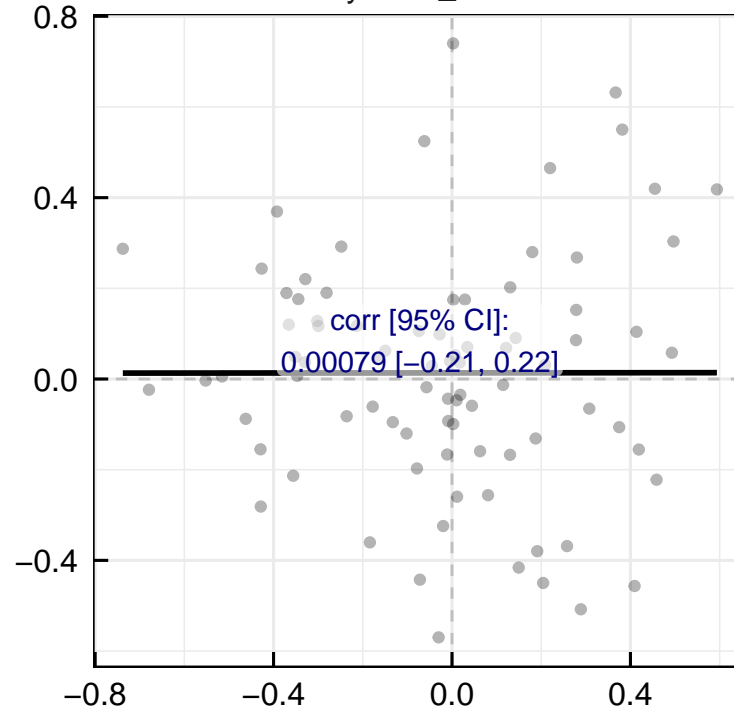
x: ETA\_Vp1  
y: ETA\_kabs



x: ETA\_Vp1  
y: ETA\_Q1



x: ETA\_Vp1  
y: ETA\_Vc



|corr|>0.3 — no — yes