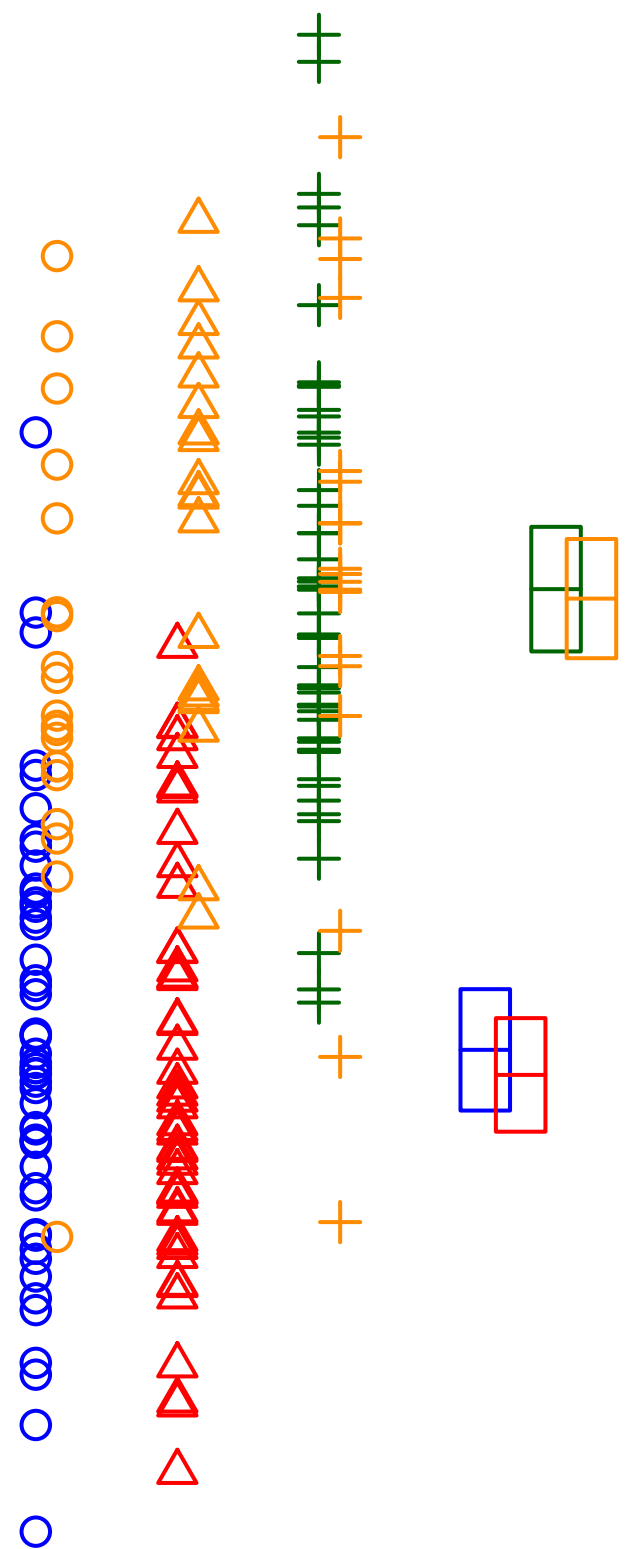
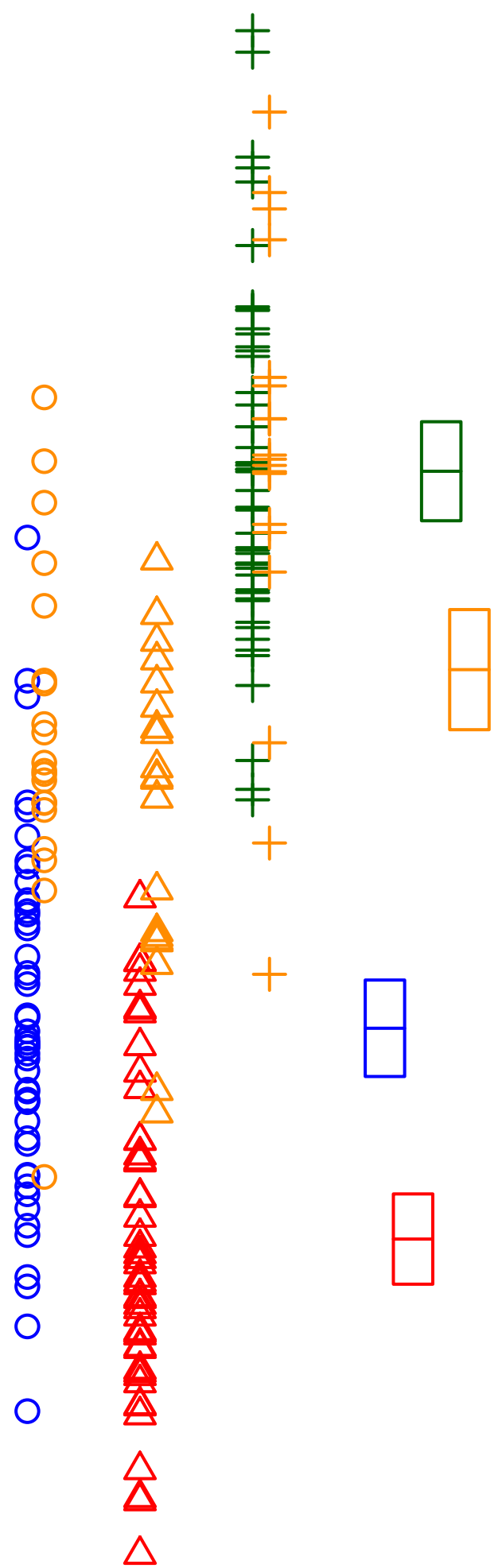


(a)



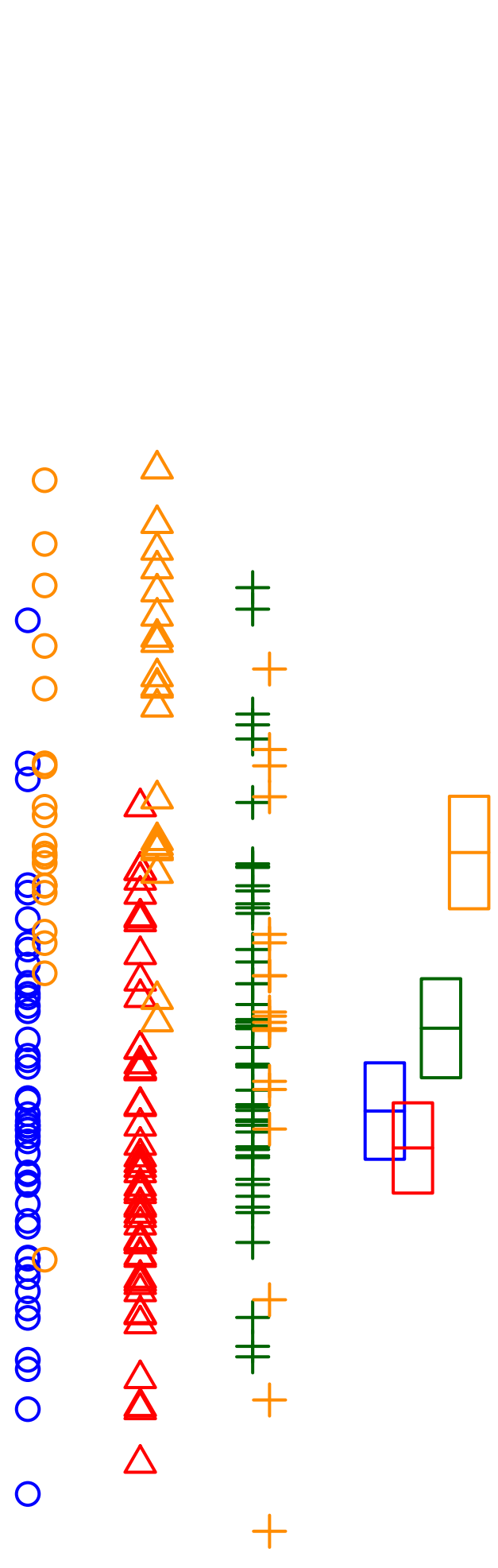
Without batch effects

(b)



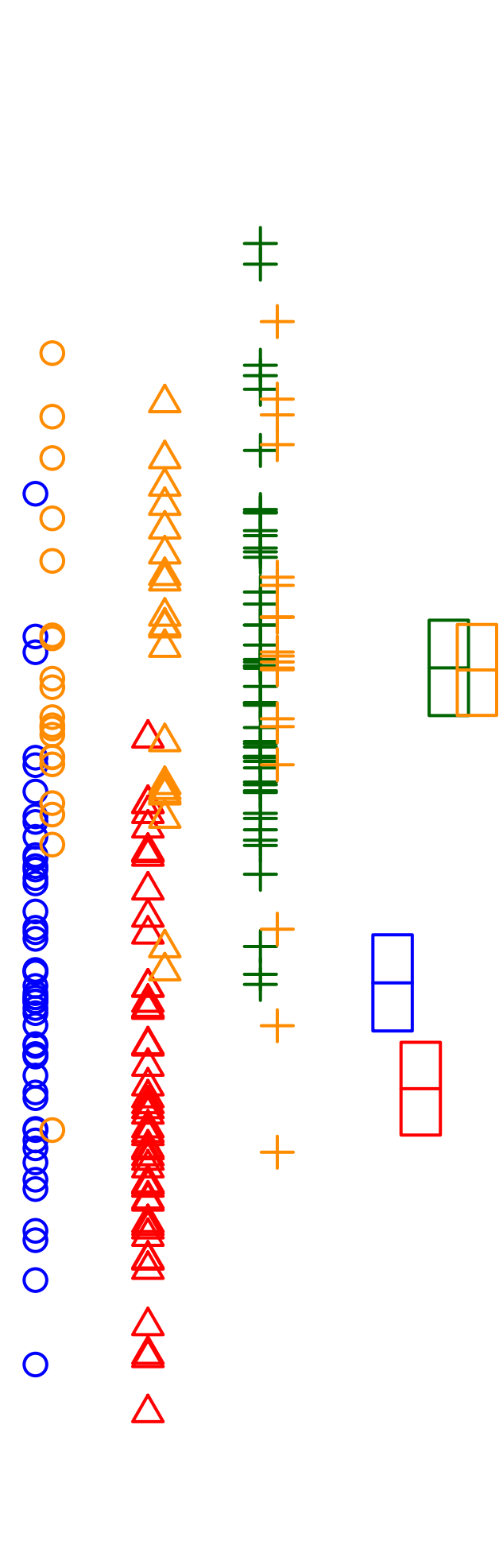
With batch effects added

(c)



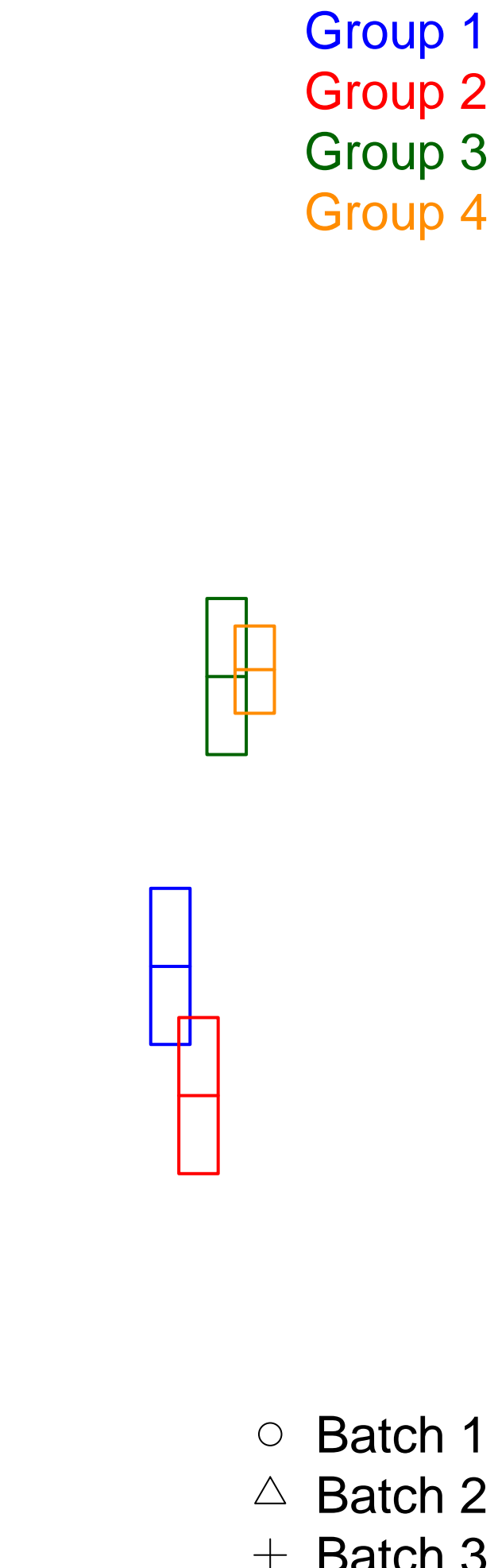
Zero-centered per batch

(d)



JVA centered values (for tiden co

(e)



ANOVA estimates

Group 1  
Group 2  
Group 3  
Group 4

○ Batch 1  
△ Batch 2  
+ Batch 3