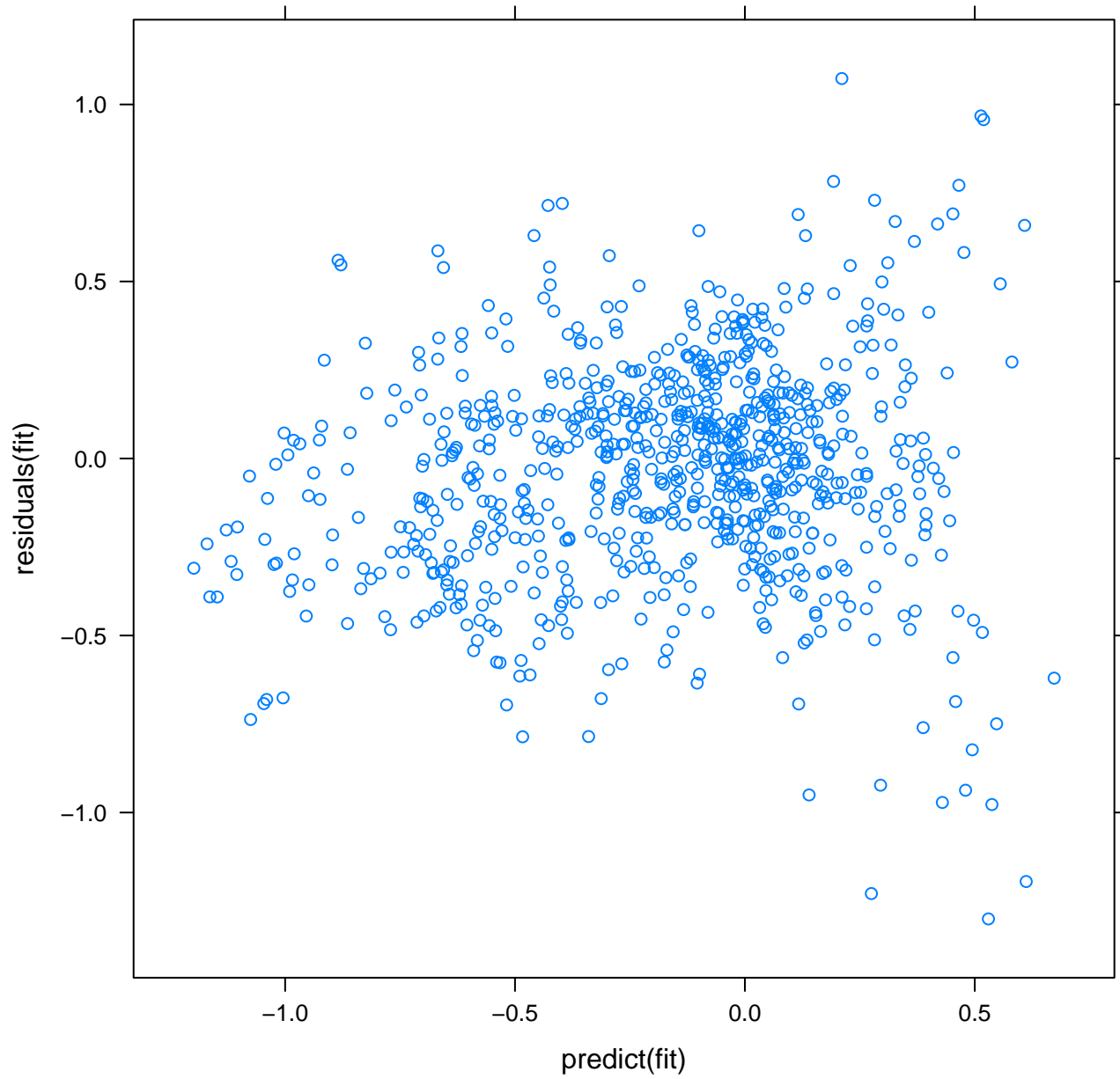
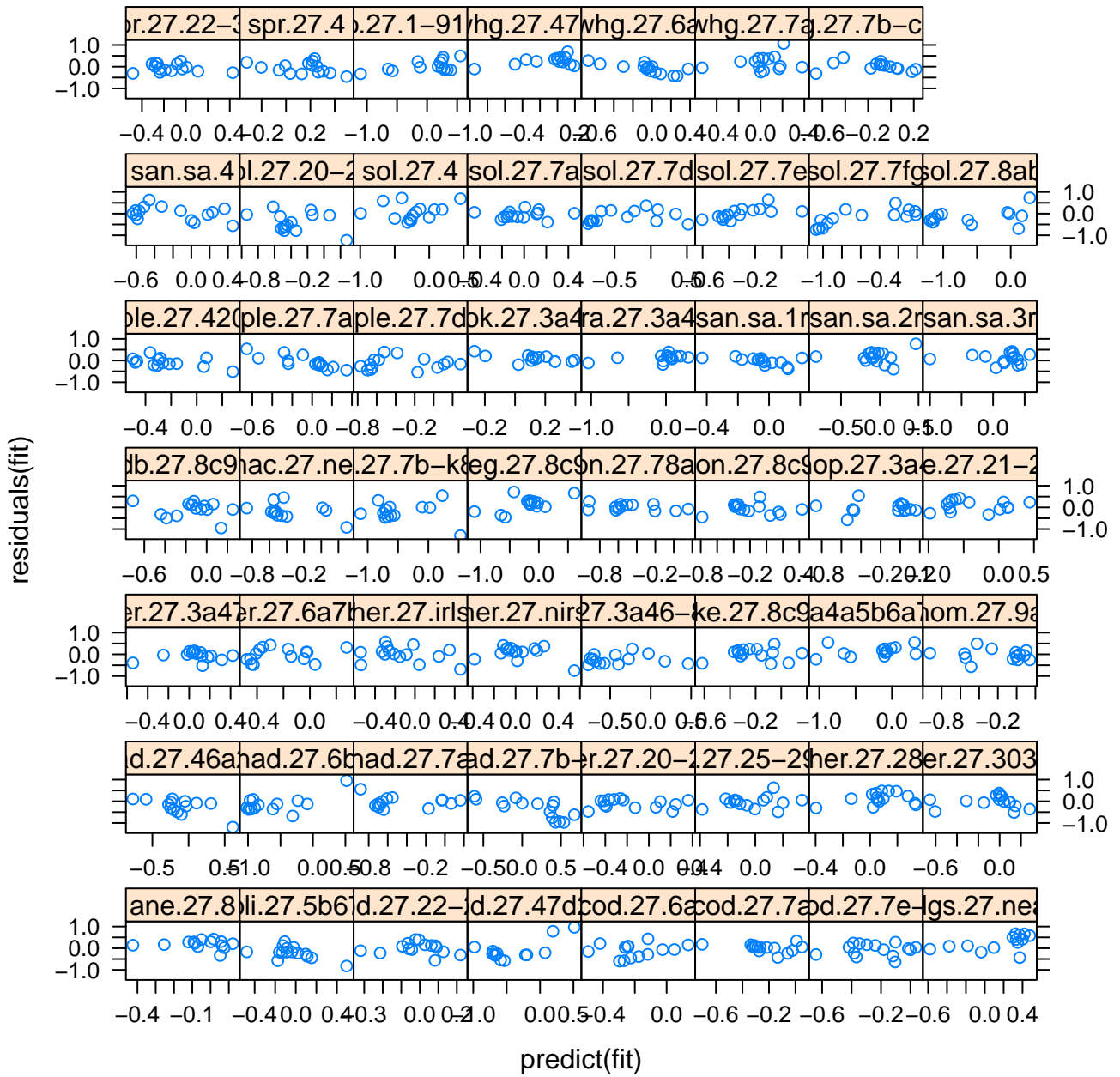


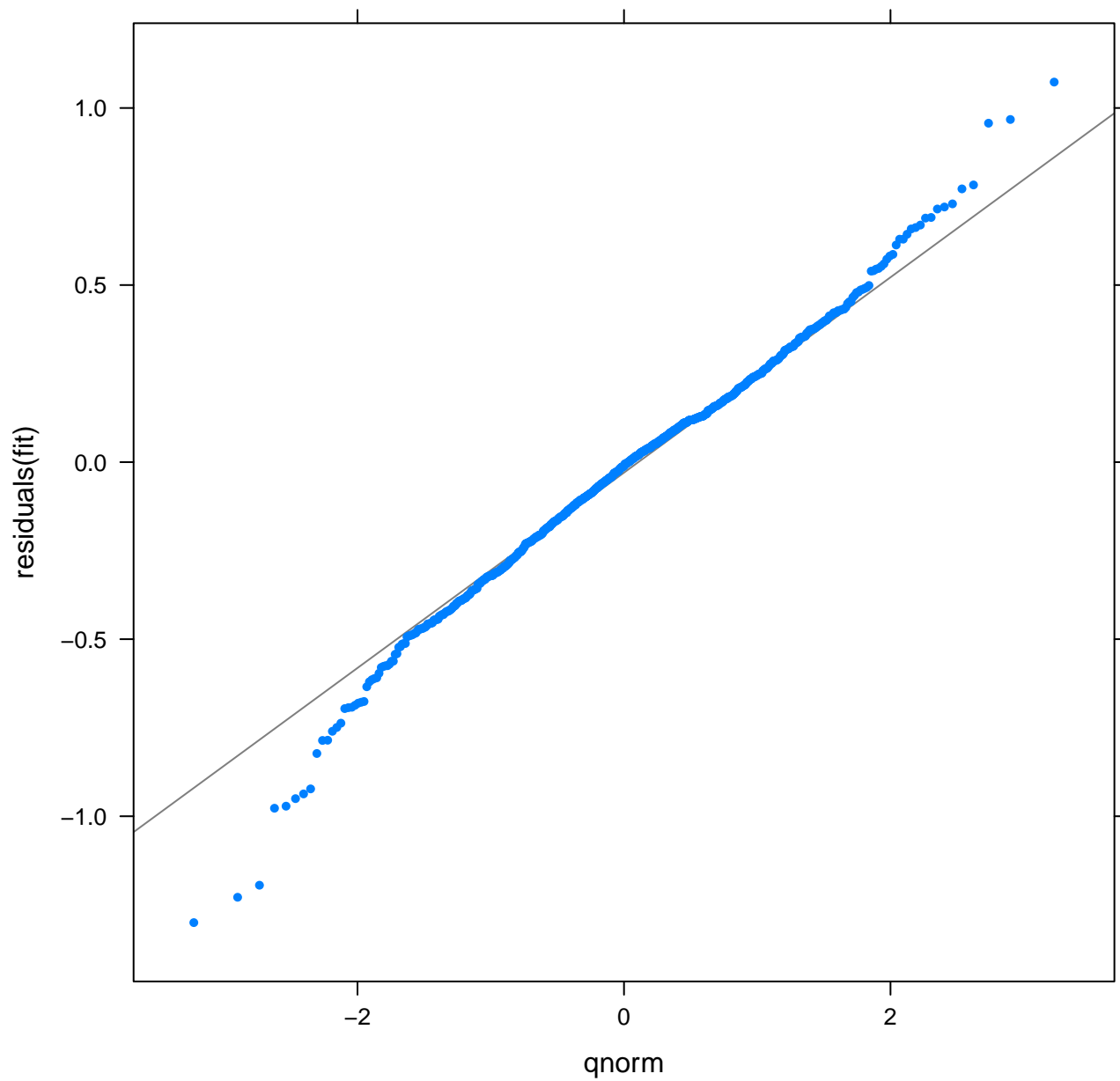
## homogeneity of variance



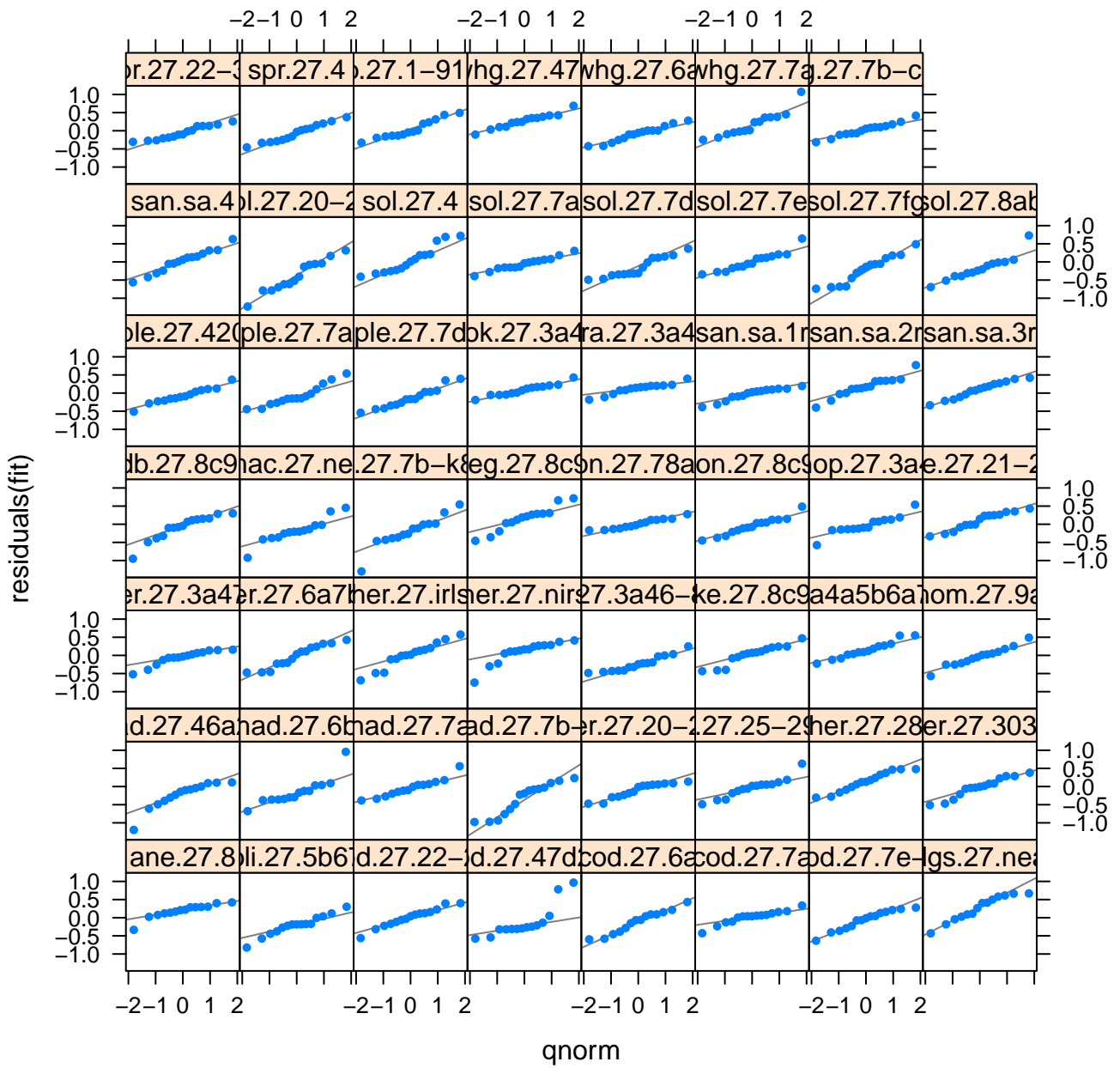
## homogeneity of variance

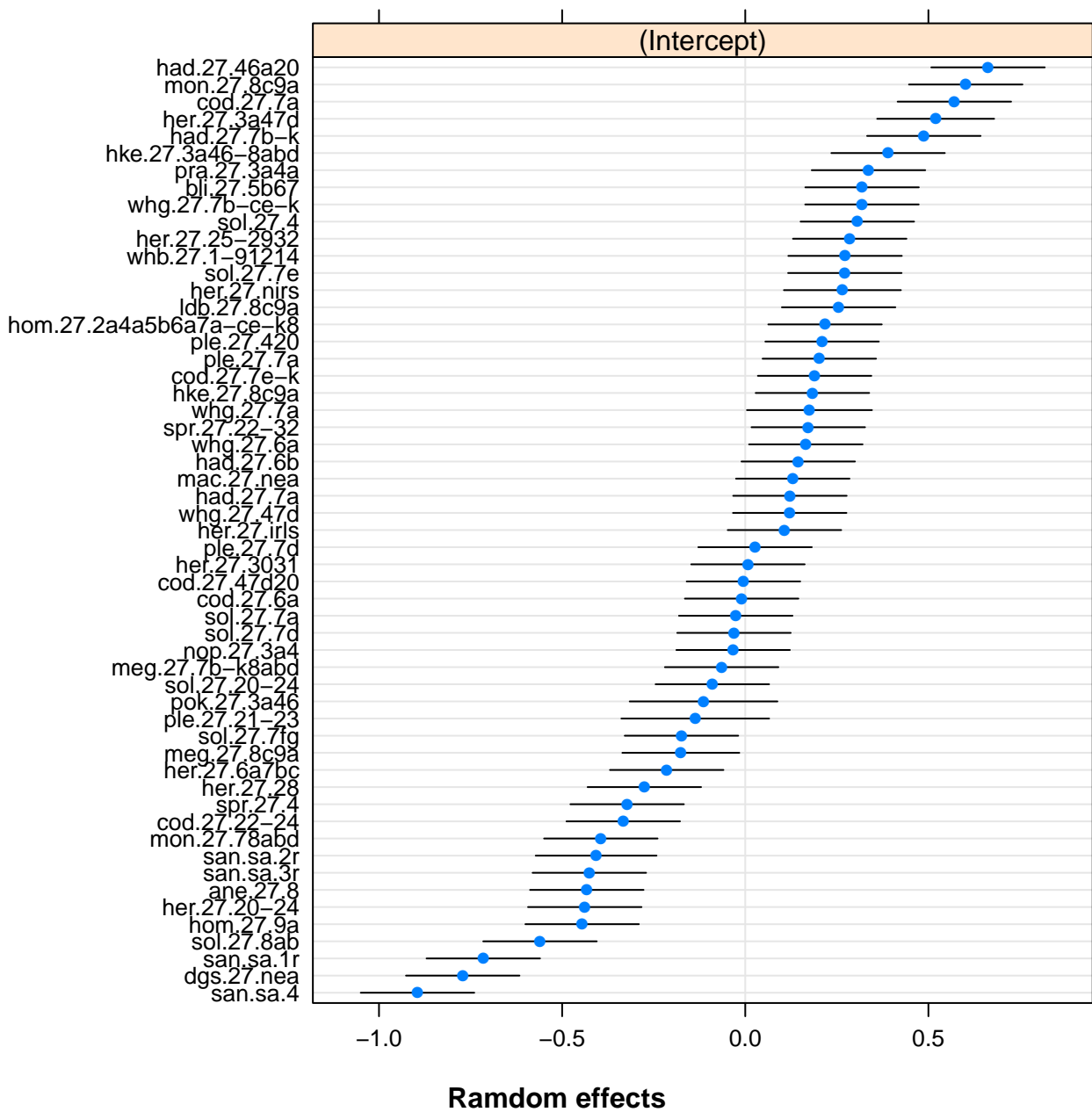


**normality of residuals**

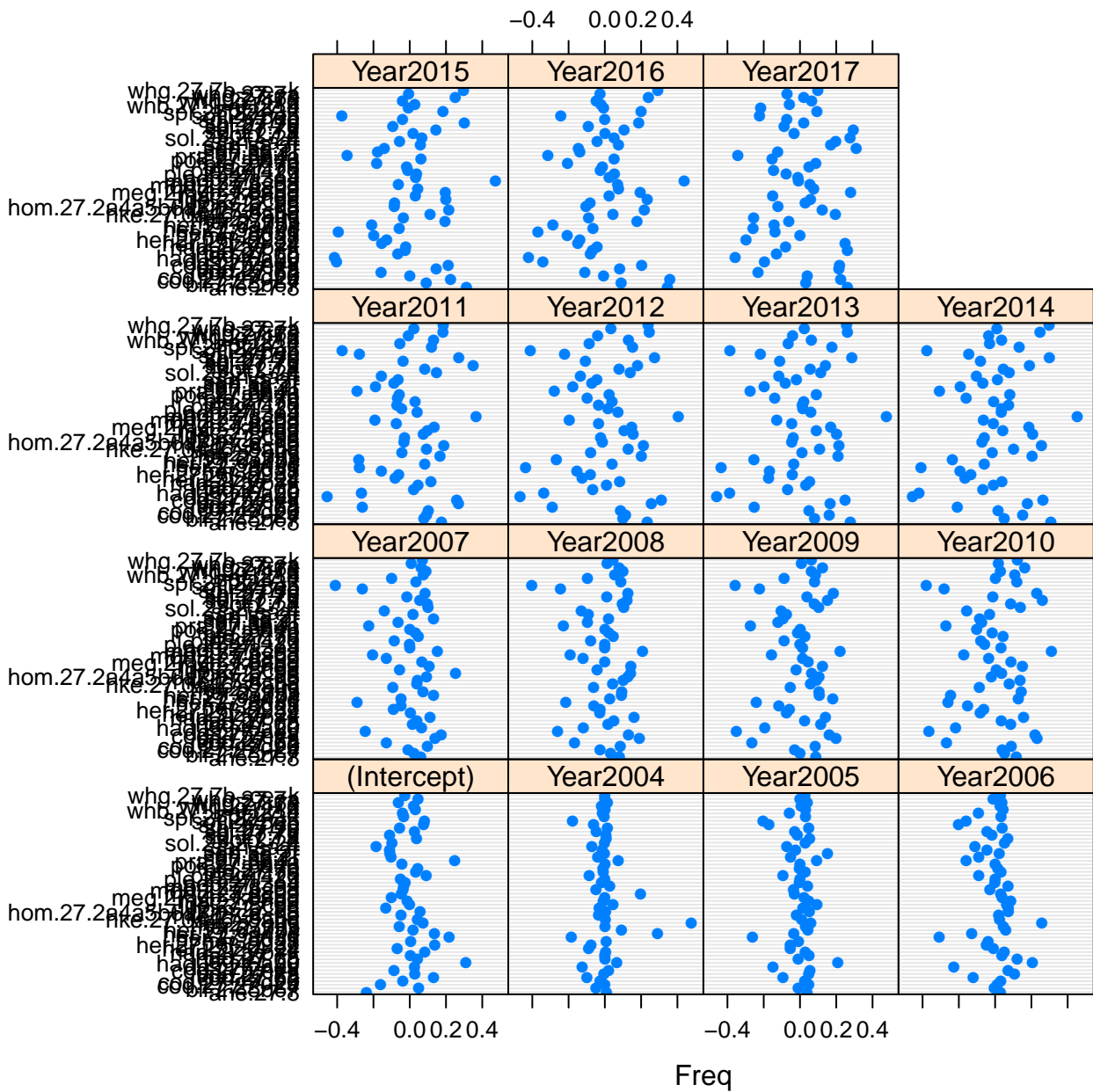


# normality of residuals

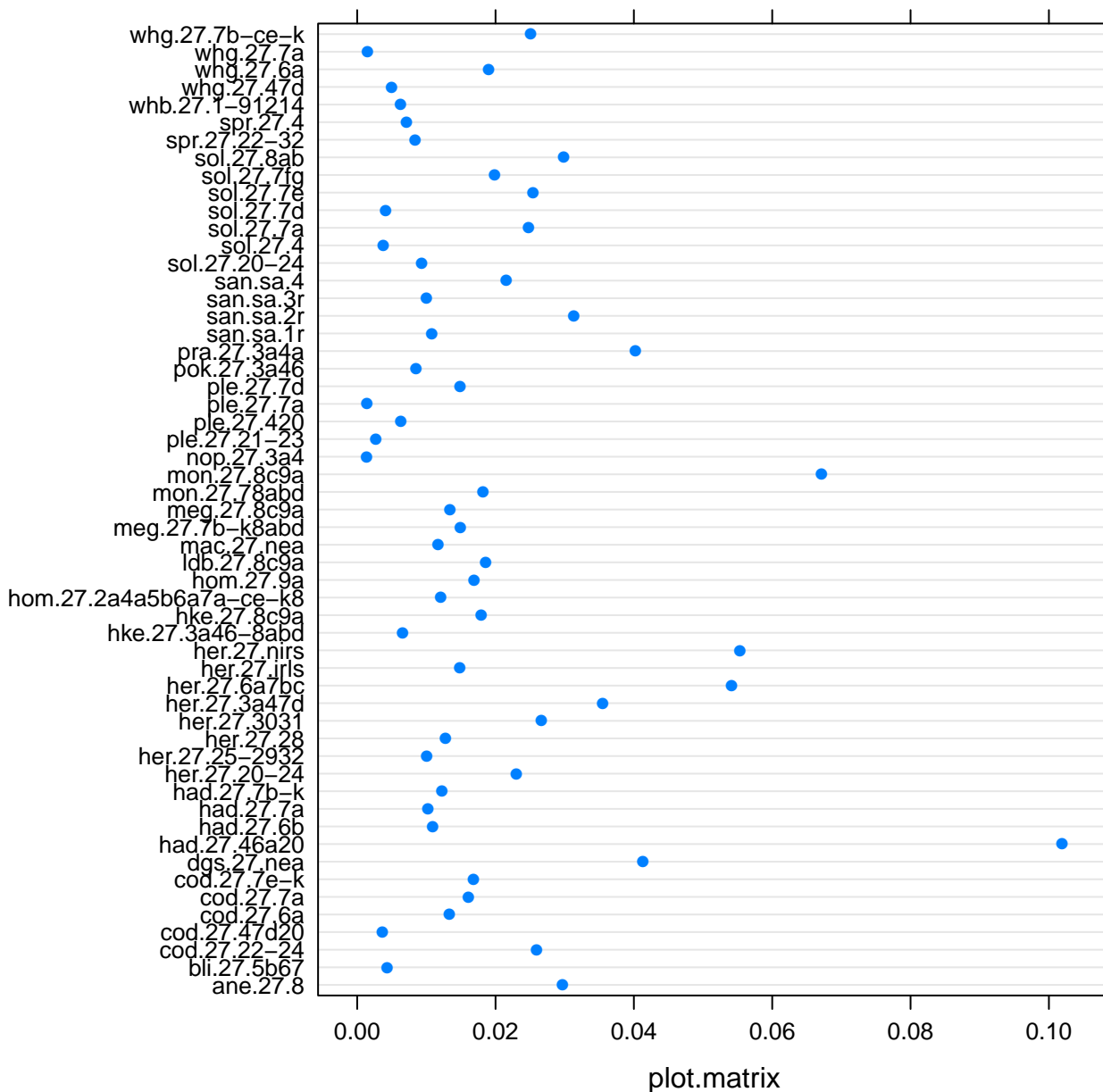




## Influence measures – dfbetas



## Influence measures – cook's distance



## Influence in fixed effect "year"

