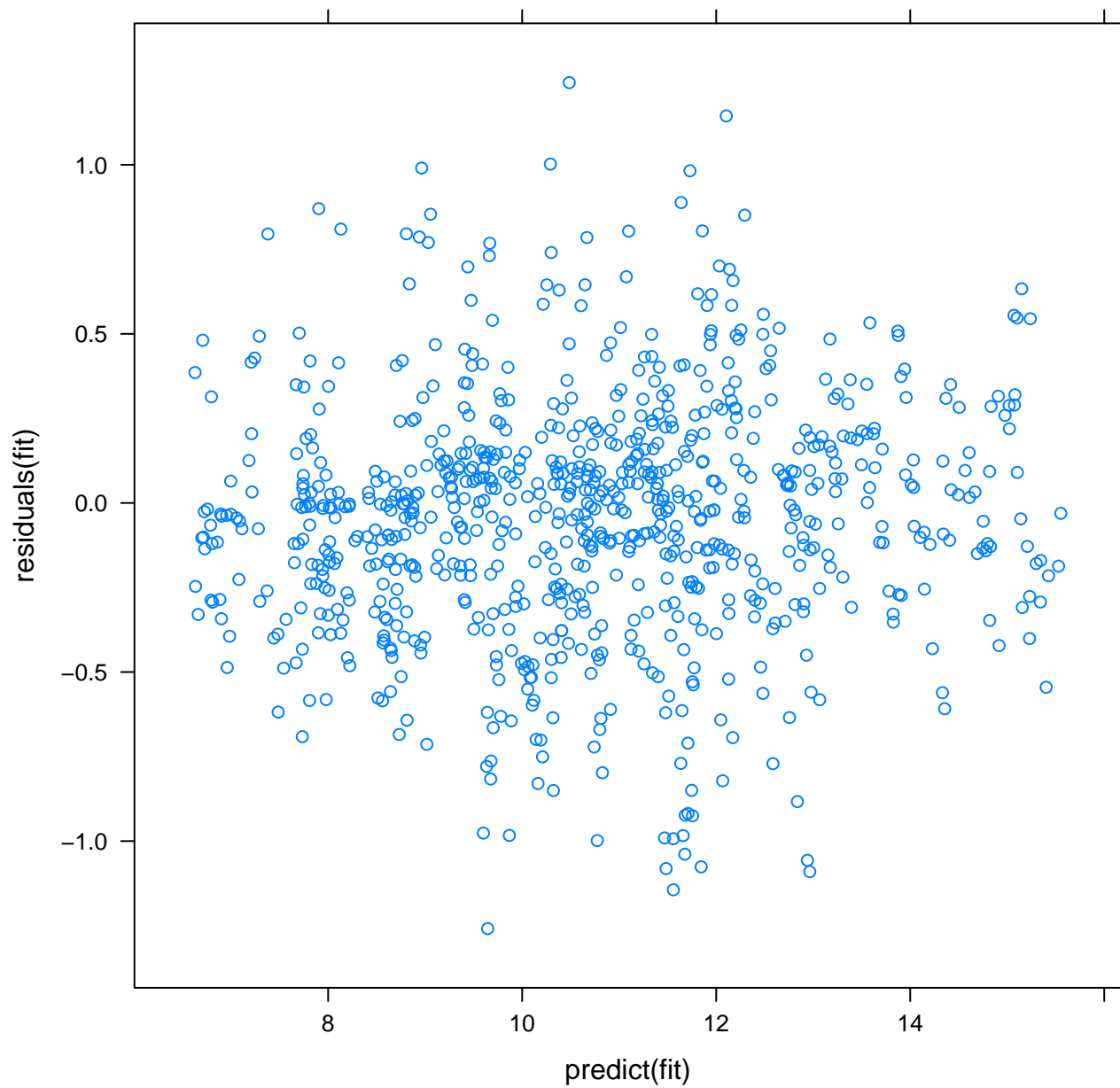
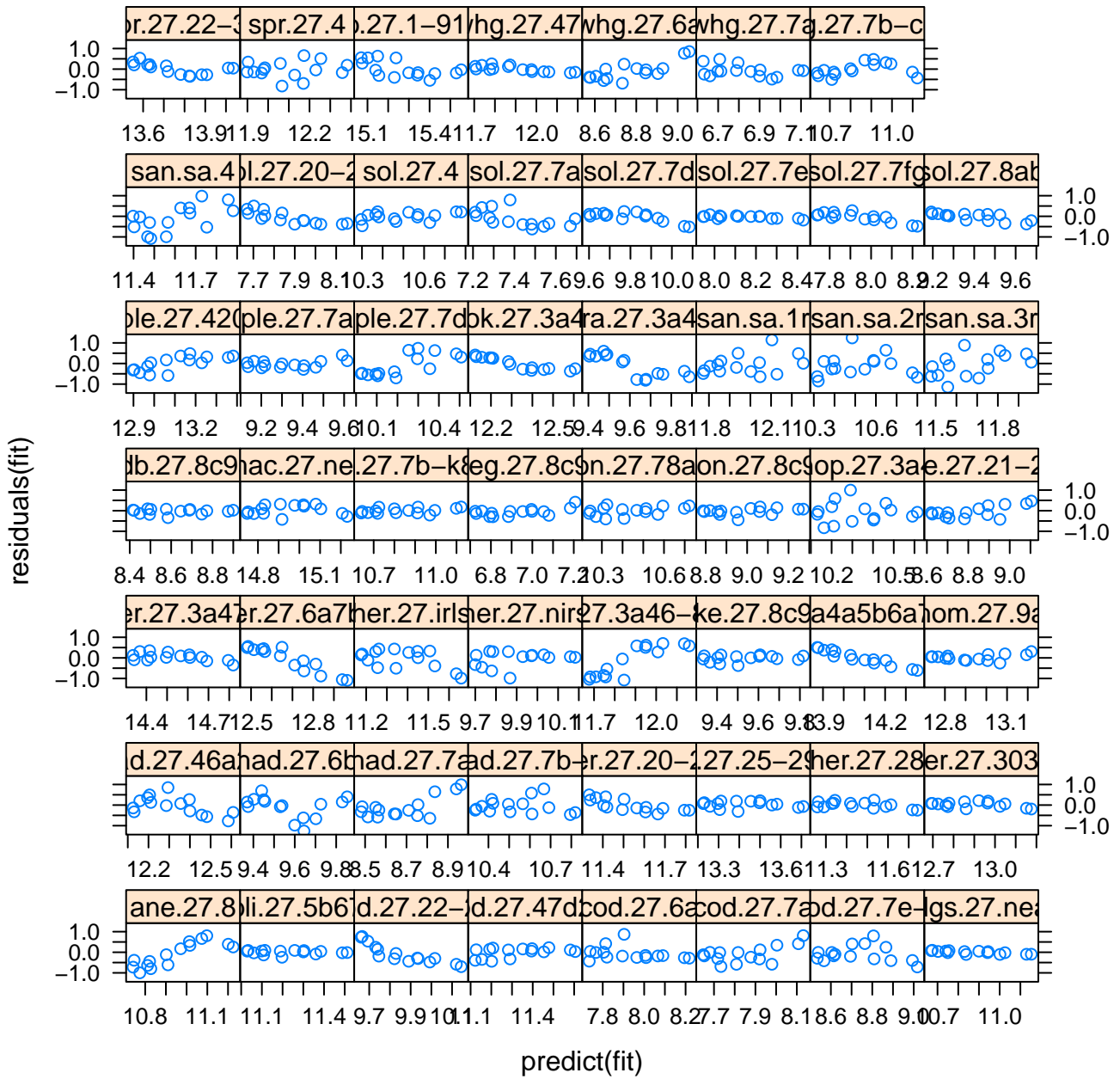


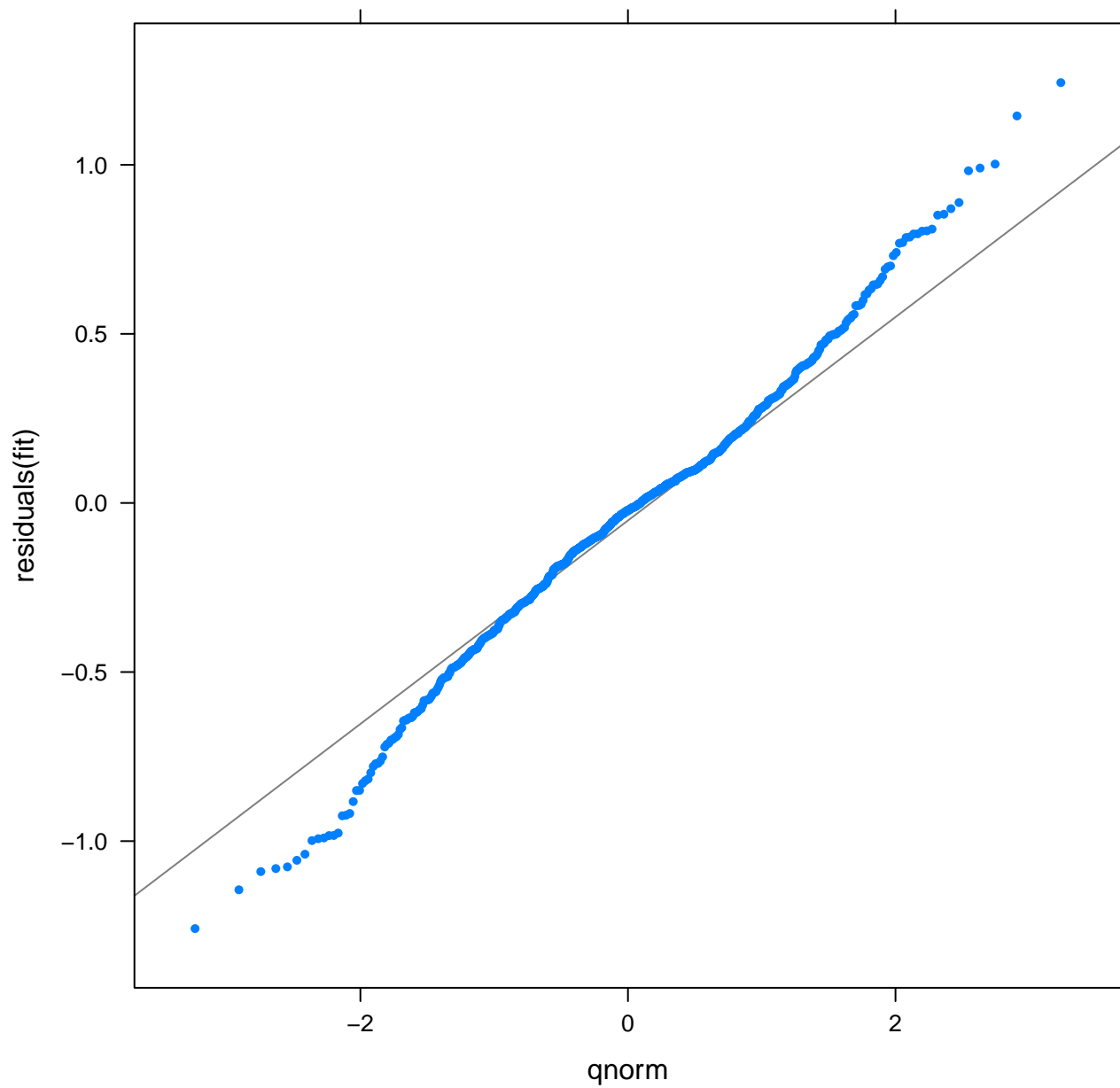
## homogeneity of variance



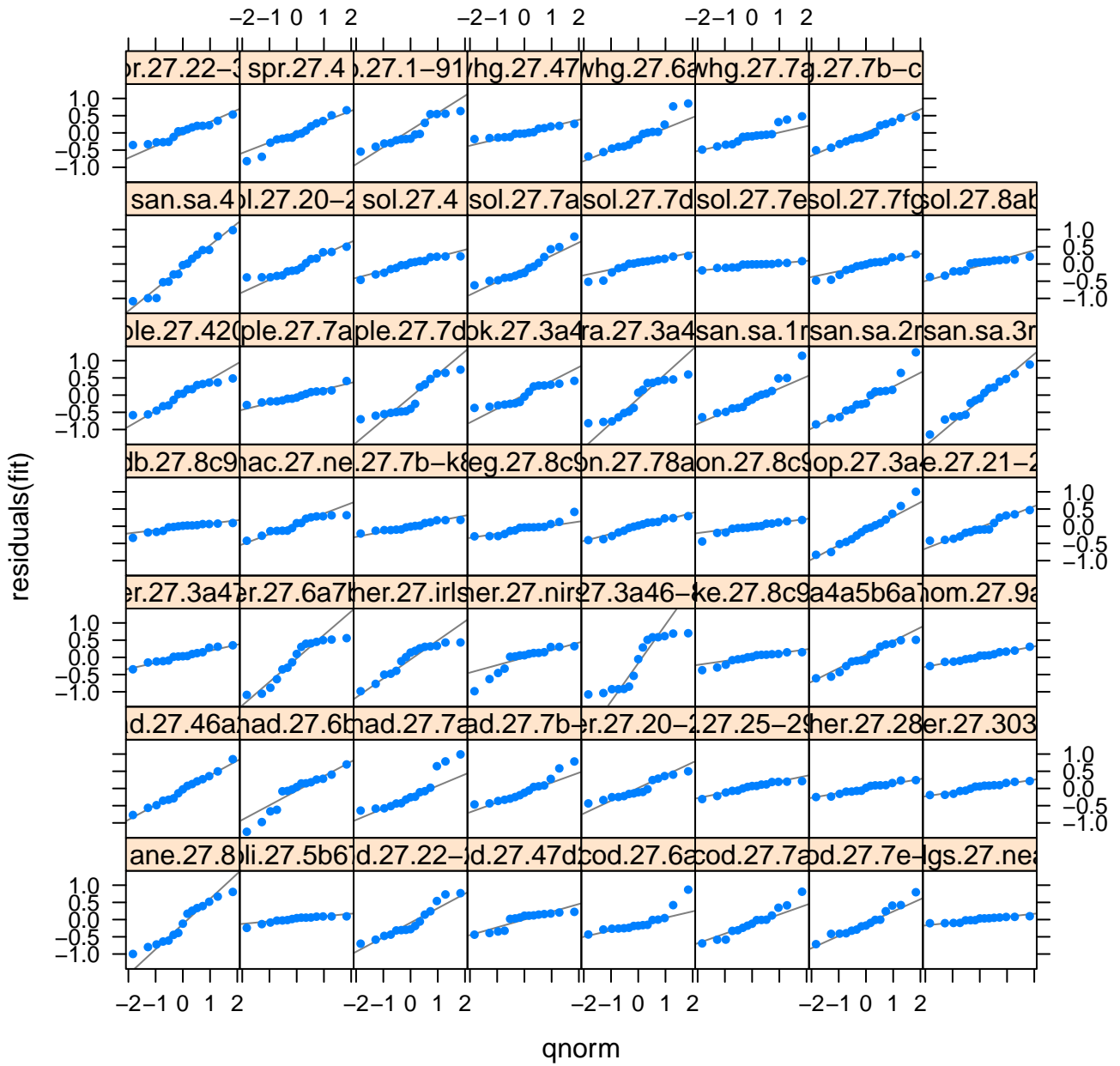
## homogeneity of variance

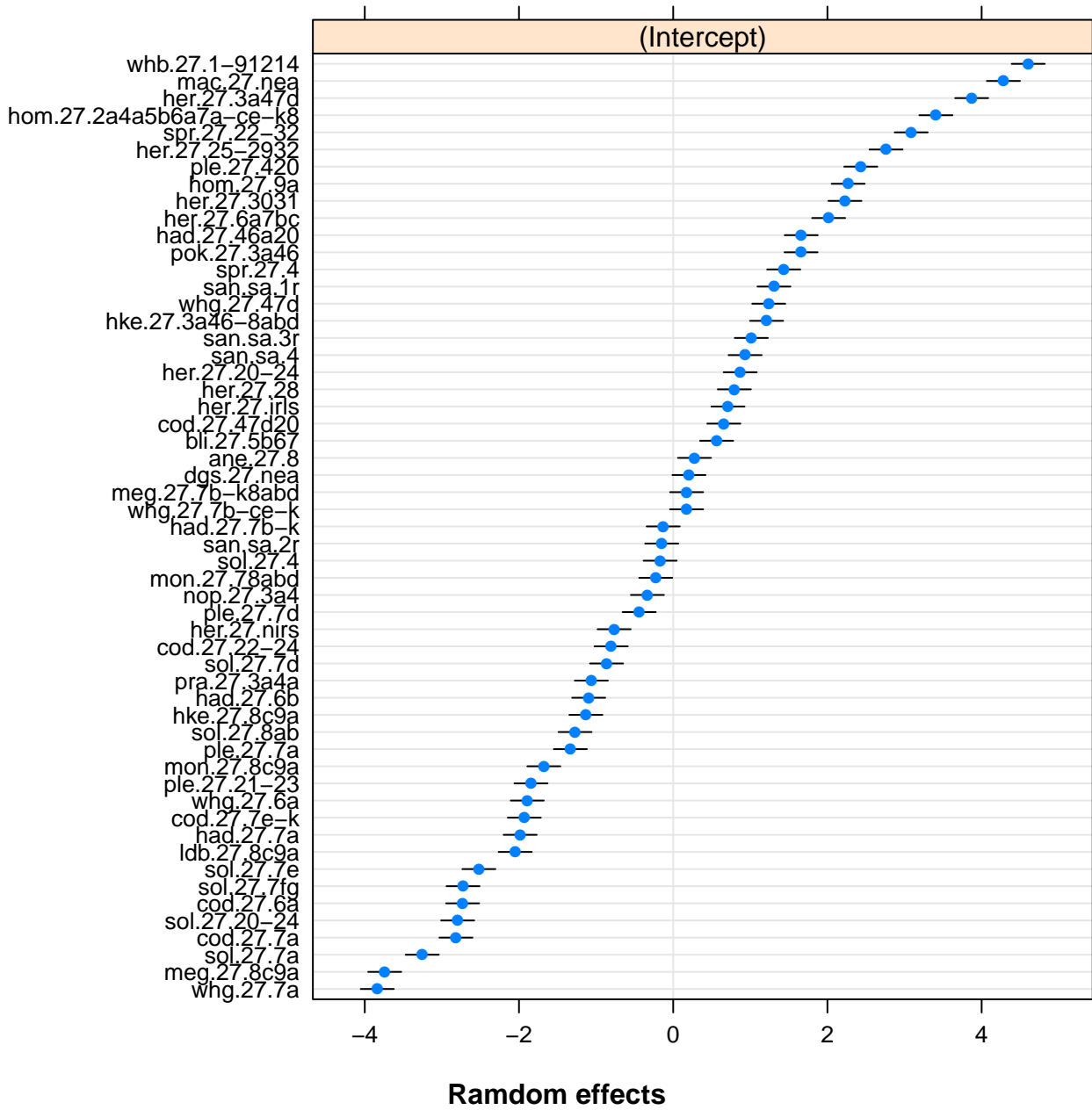


**normality of residuals**

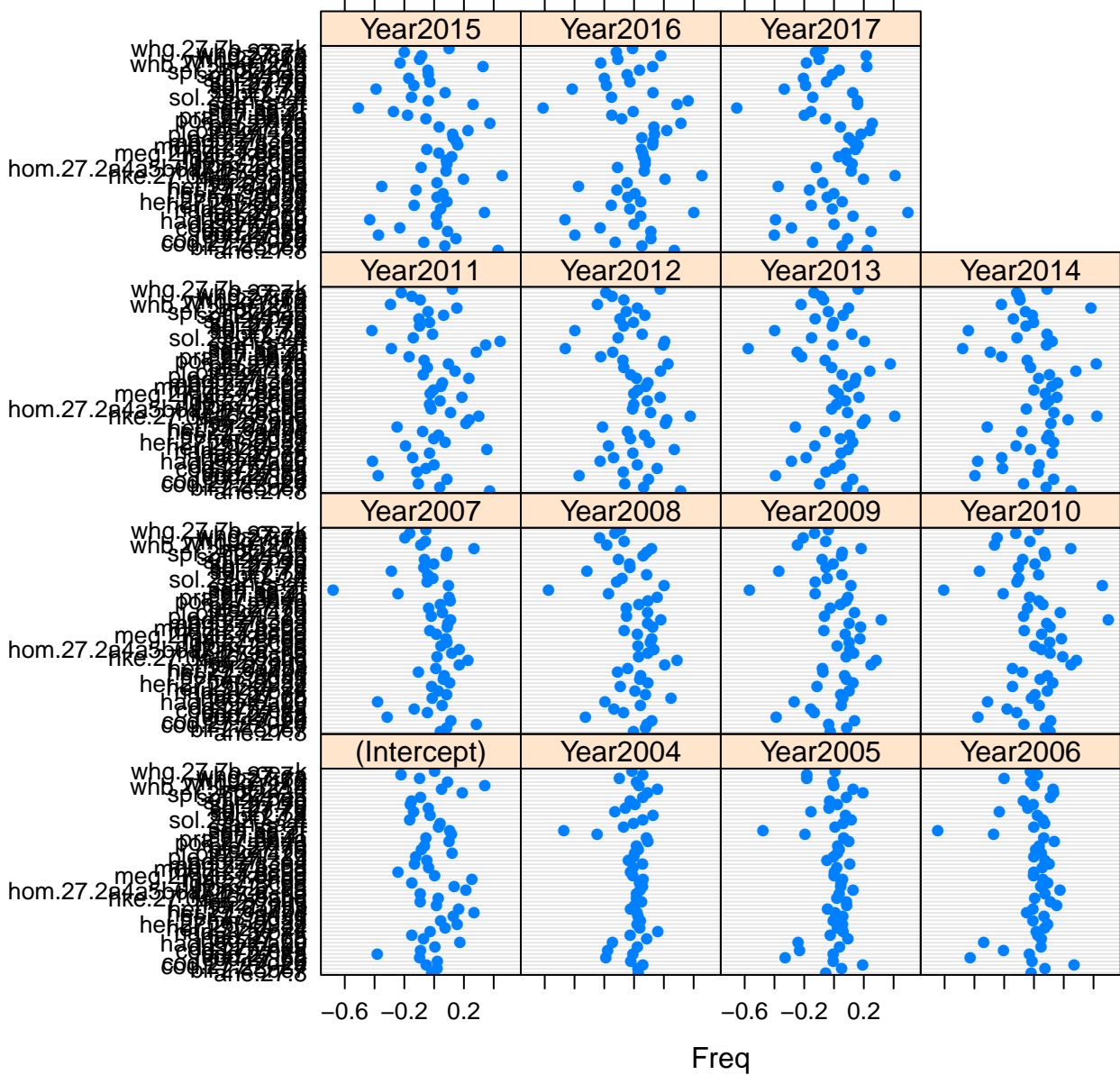


# normality of residuals

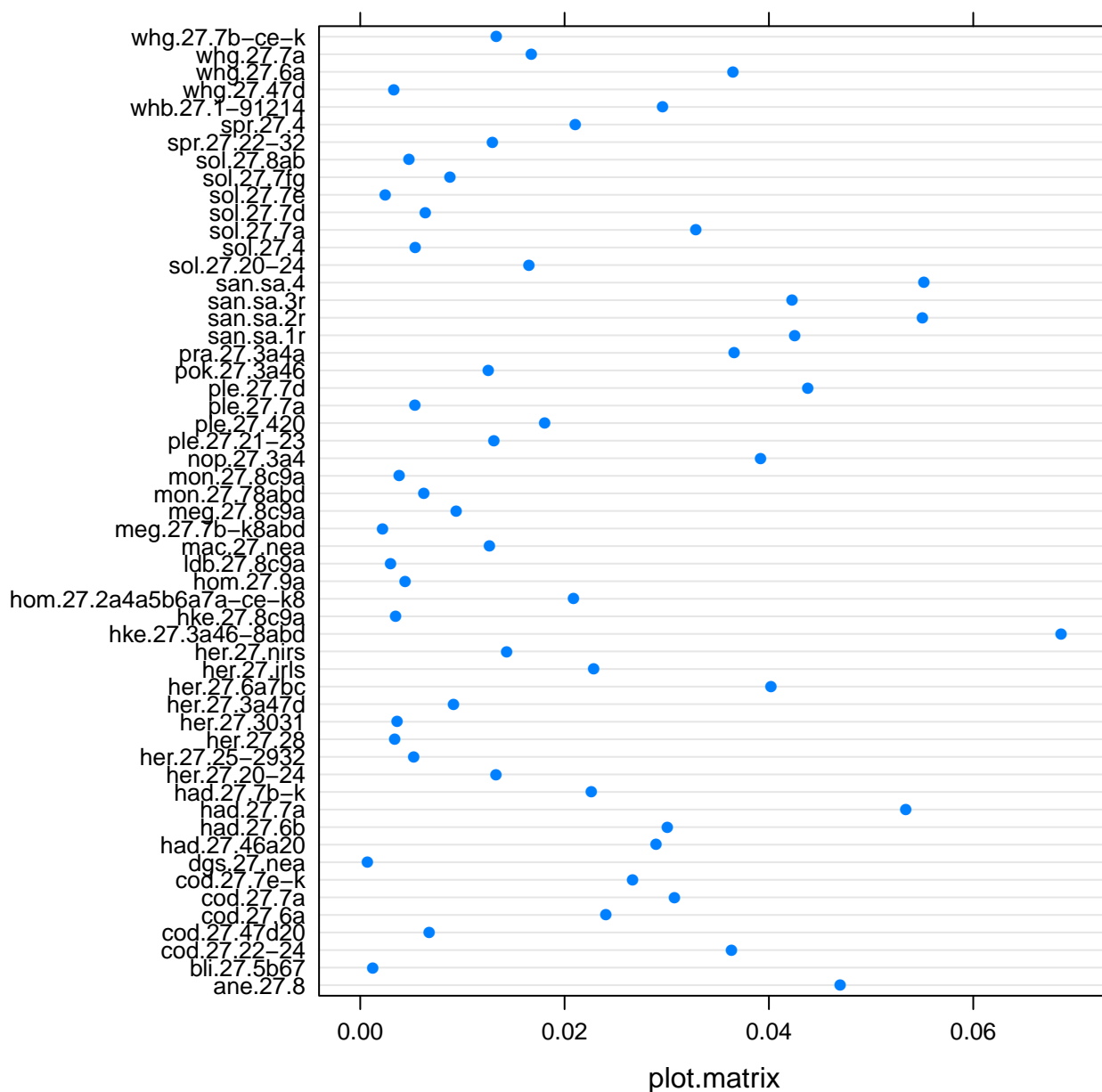




-0.6 -0.2 0.2



## Influence measures – cook's distance



## Influence in fixed effect "year"

