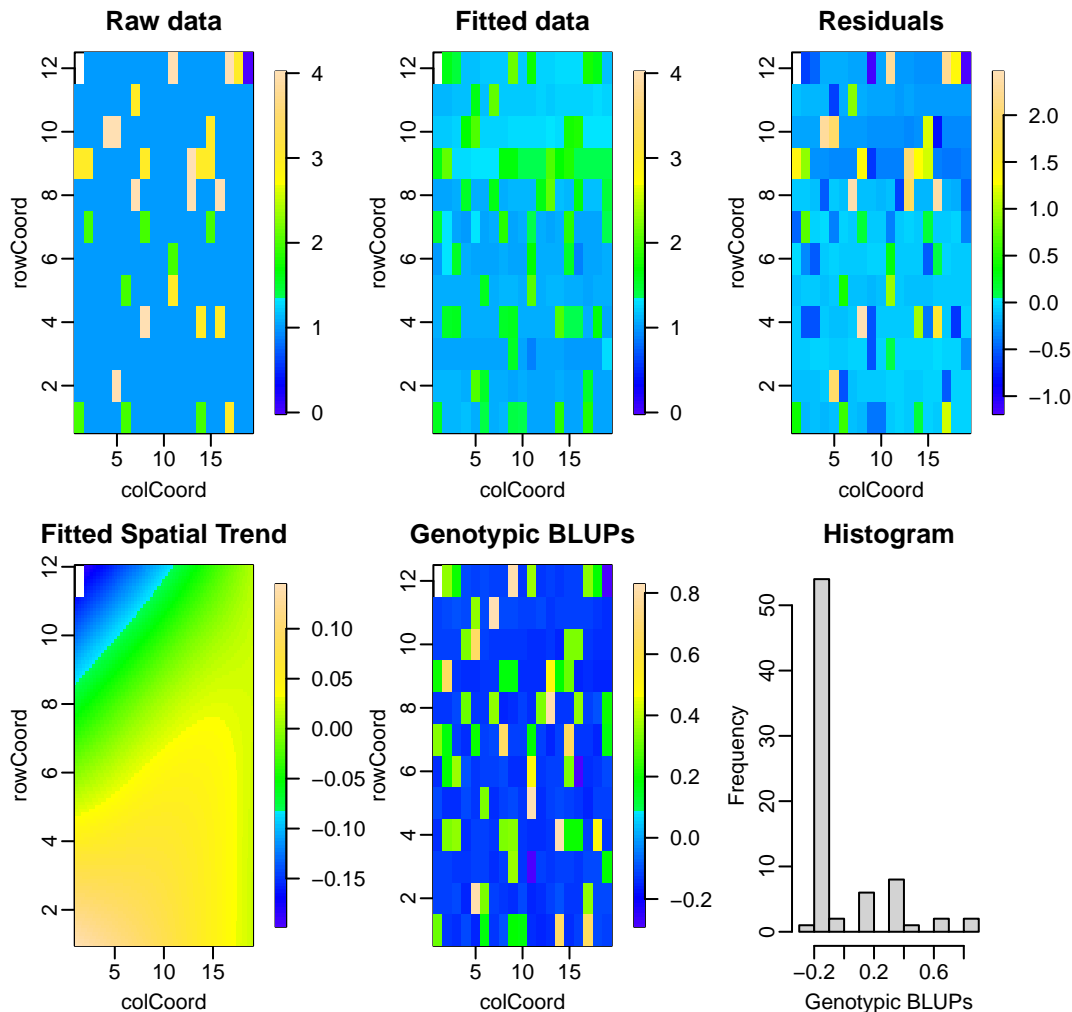
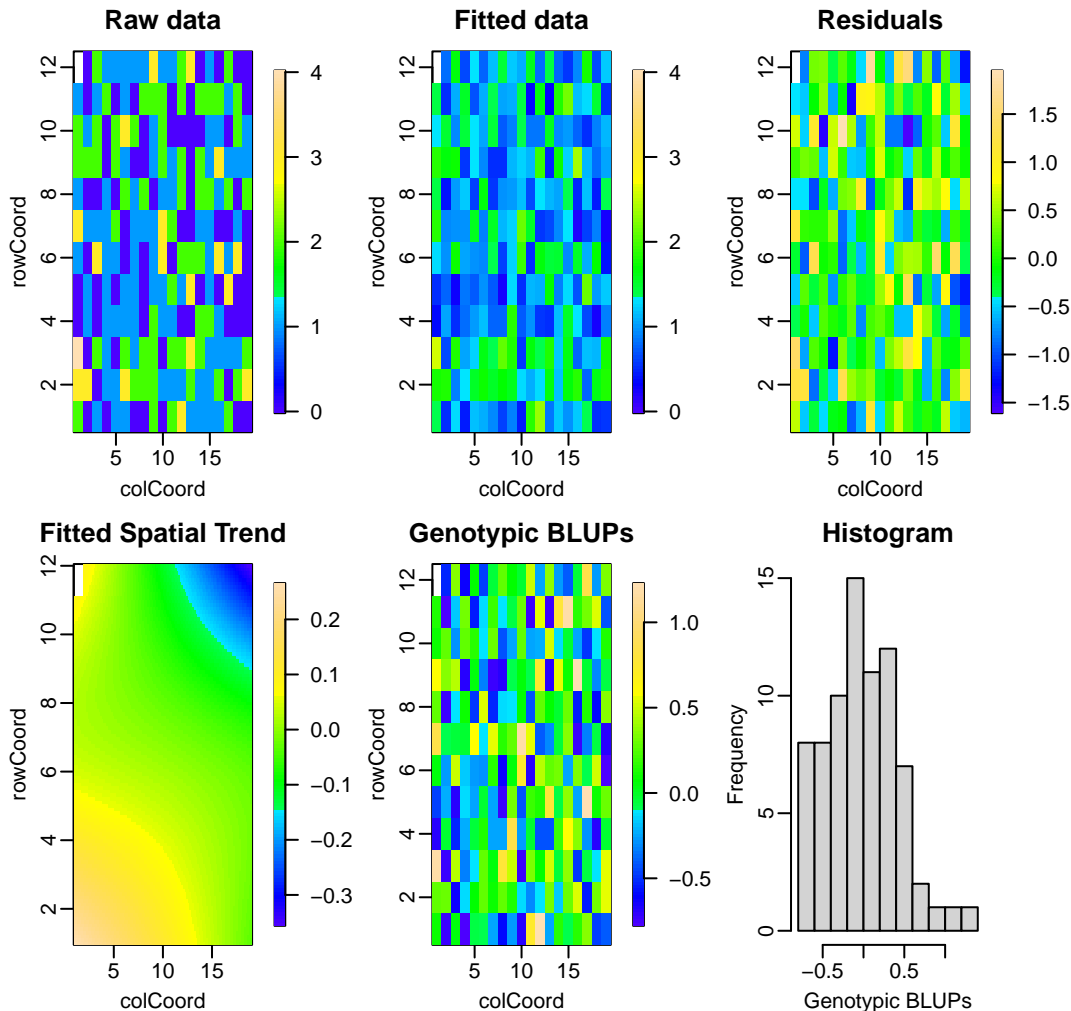


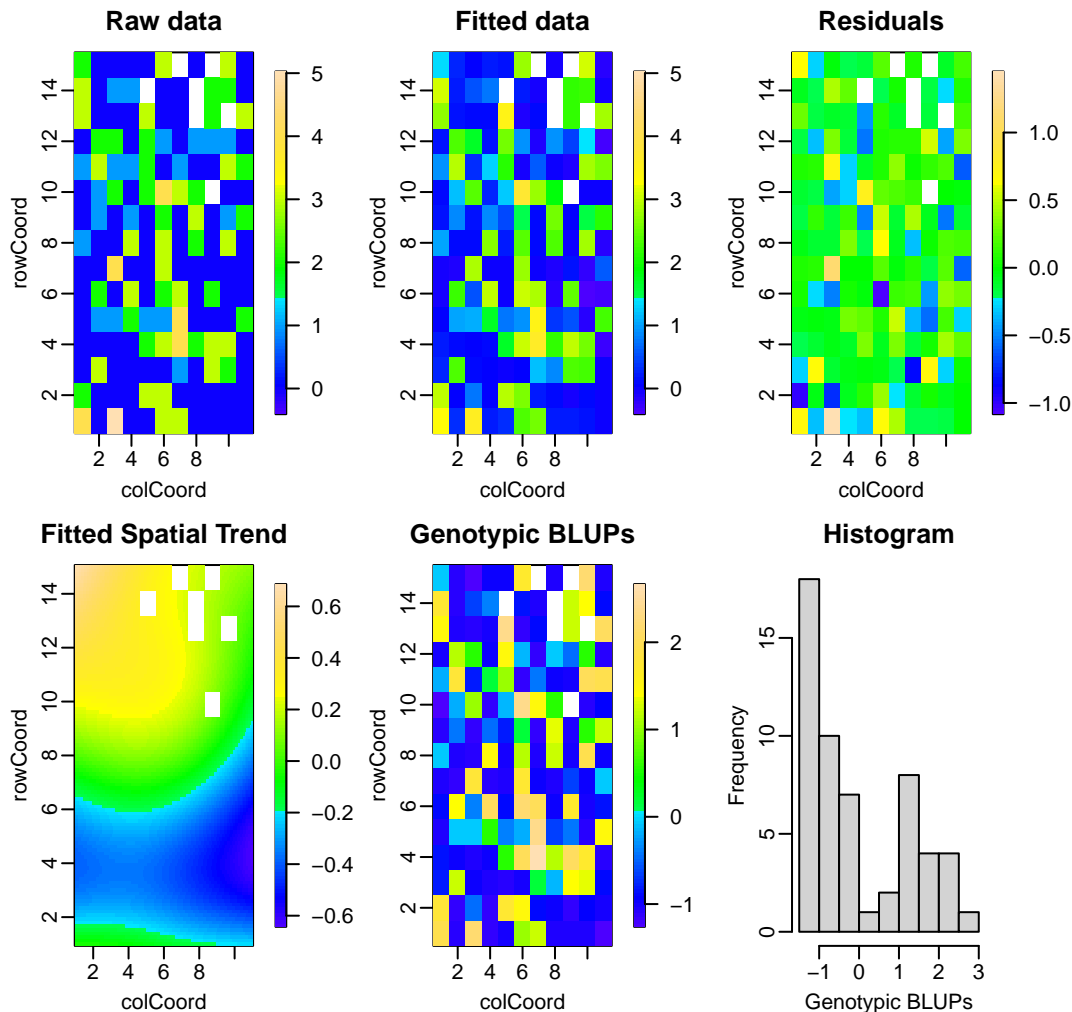
# Trait: CMD\_harvest – Trial: 202301DMEPR\_tani



# Trait: branch\_number – Trial: 202301DMEPR\_tani

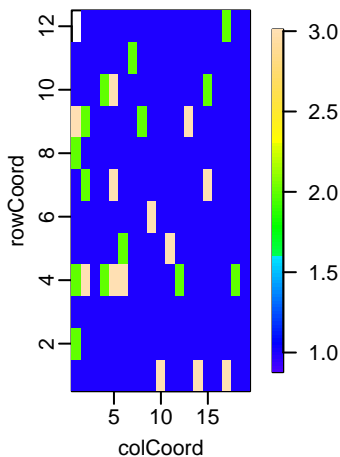


# Trait: branch\_number – Trial: 202304DMPYT\_dona

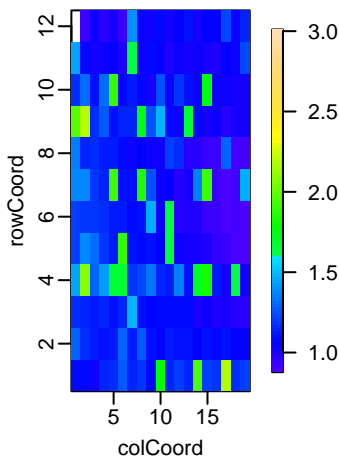


# Trait: CMD\_1mon – Trial: 202301DMEPR\_tani

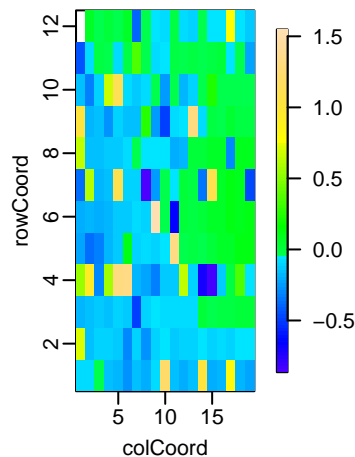
## Raw data



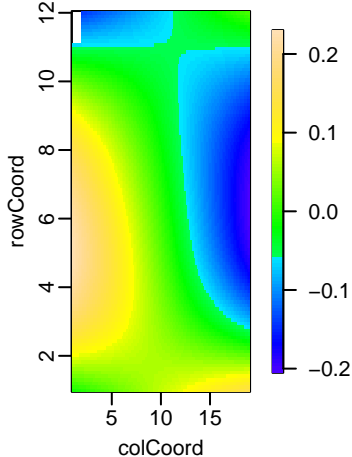
## Fitted data



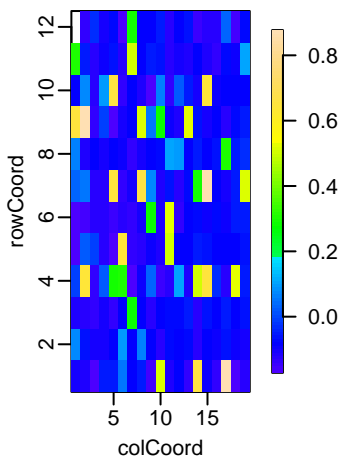
## Residuals



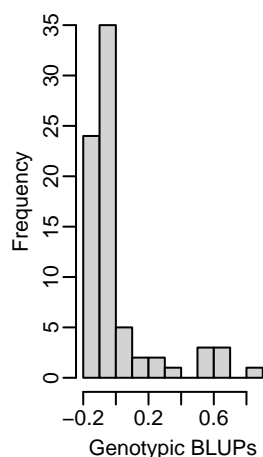
## Fitted Spatial Trend



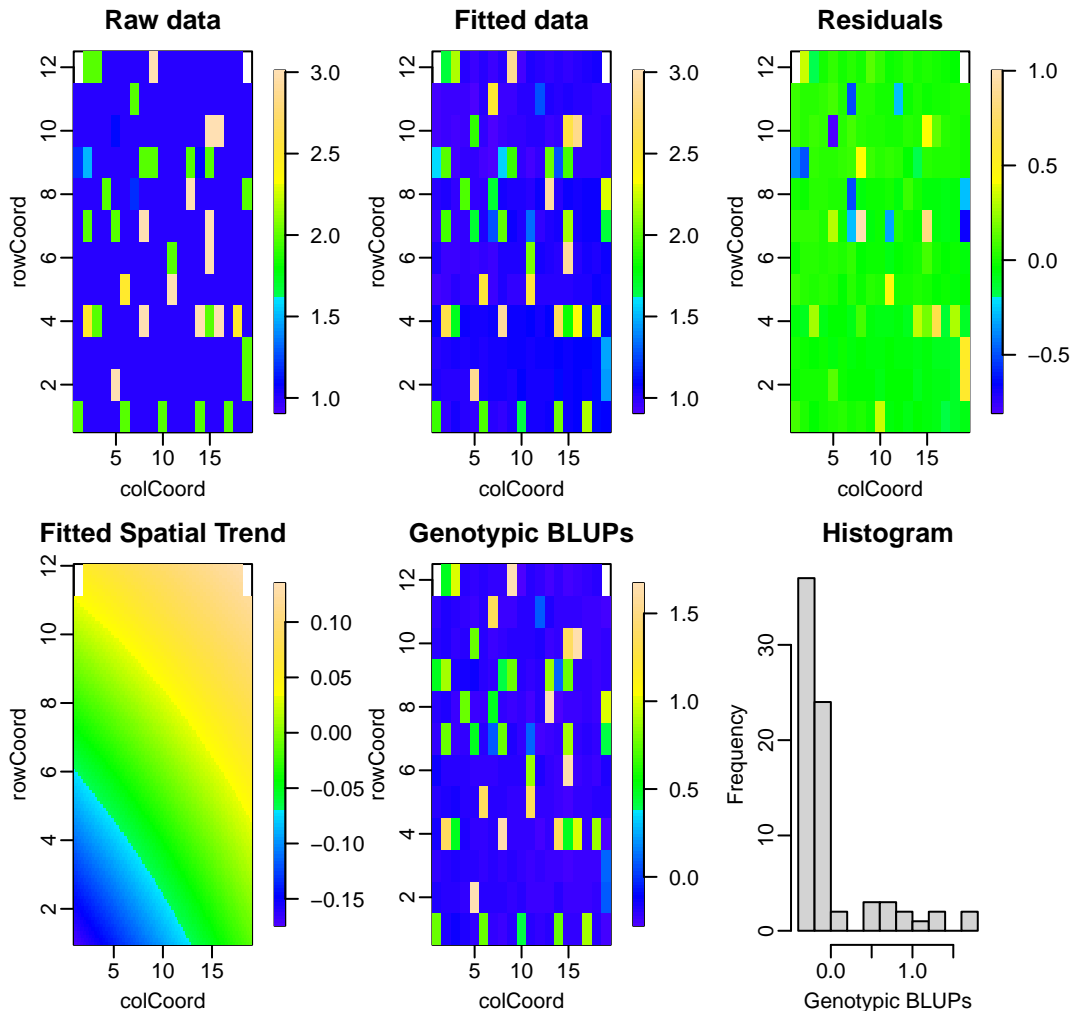
## Genotypic BLUPs



## Histogram

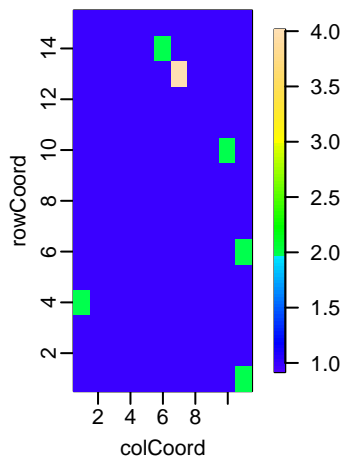


# Trait: CMD\_3mon – Trial: 202301DMEPR\_tani

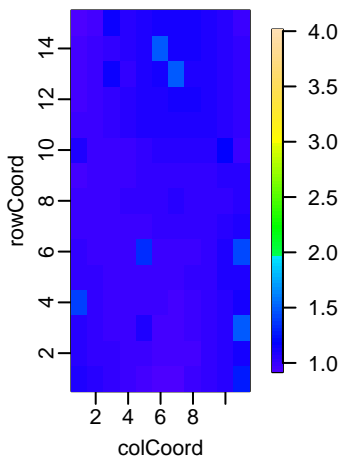


# Trait: CMD\_3mon – Trial: 202304DMPYT\_dona

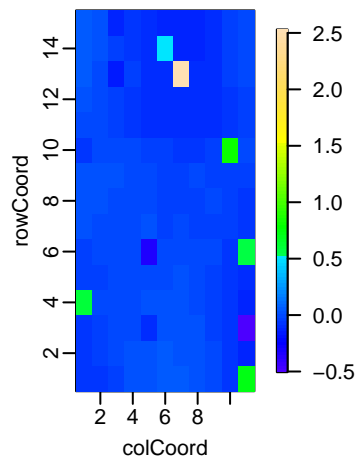
## Raw data



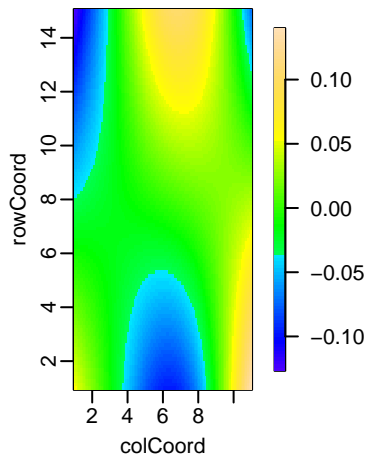
## Fitted data



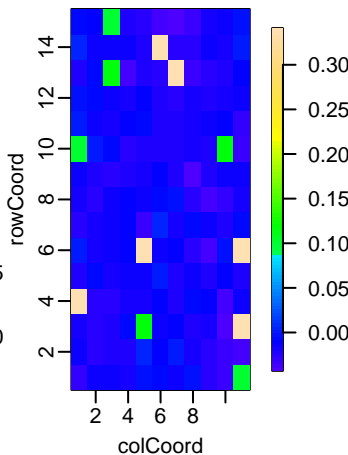
## Residuals



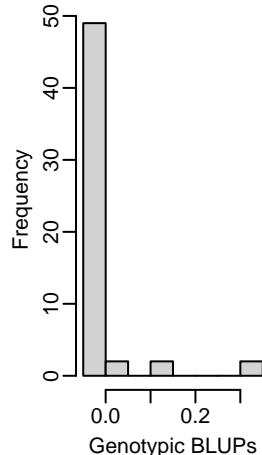
## Fitted Spatial Trend



## Genotypic BLUPs

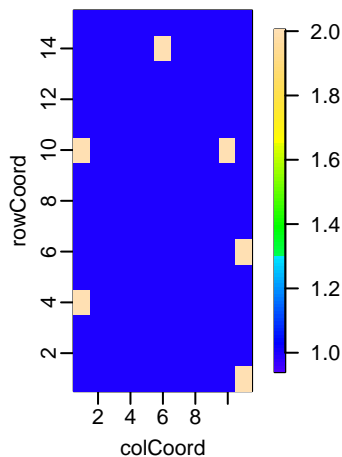


## Histogram

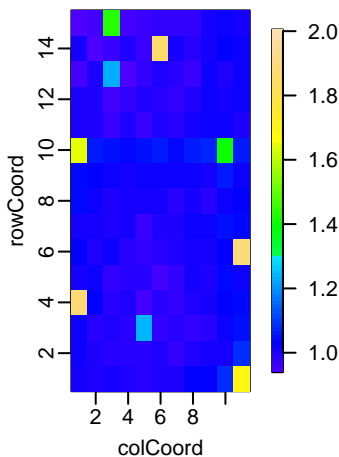


# Trait: CMD\_6mon – Trial: 202304DMPYT\_dona

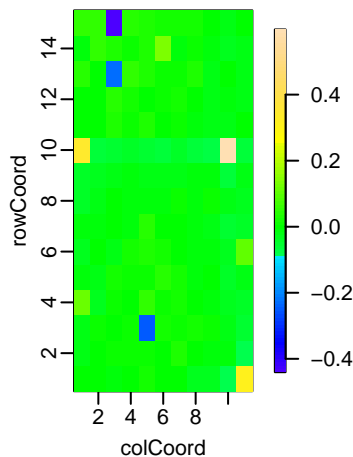
## Raw data



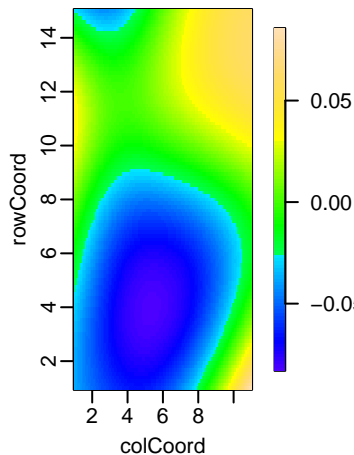
## Fitted data



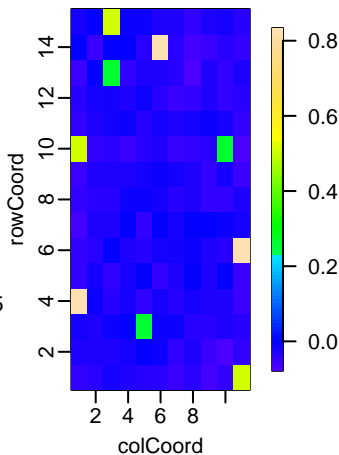
## Residuals



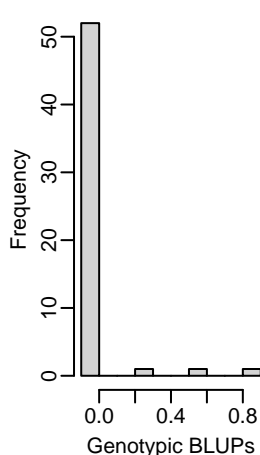
## Fitted Spatial Trend



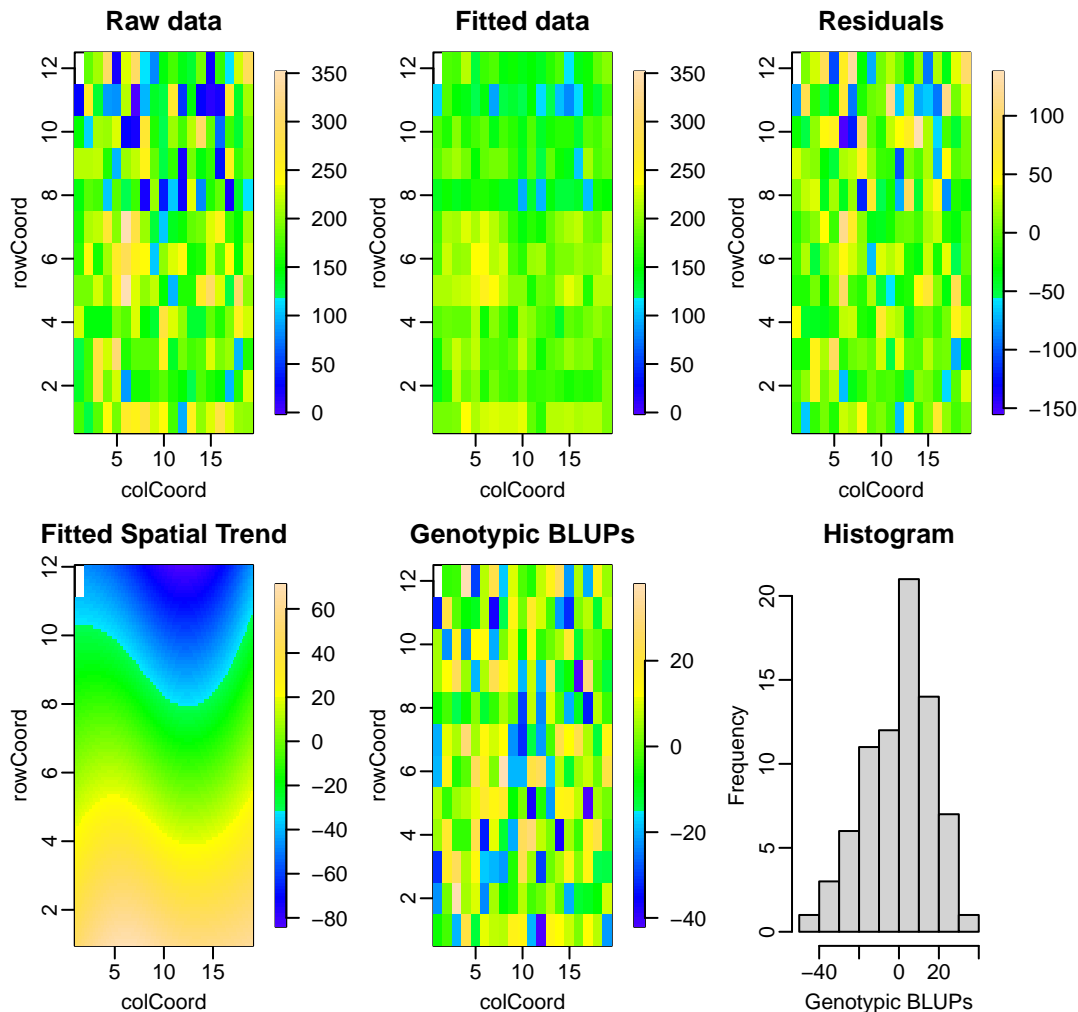
## Genotypic BLUPs



## Histogram

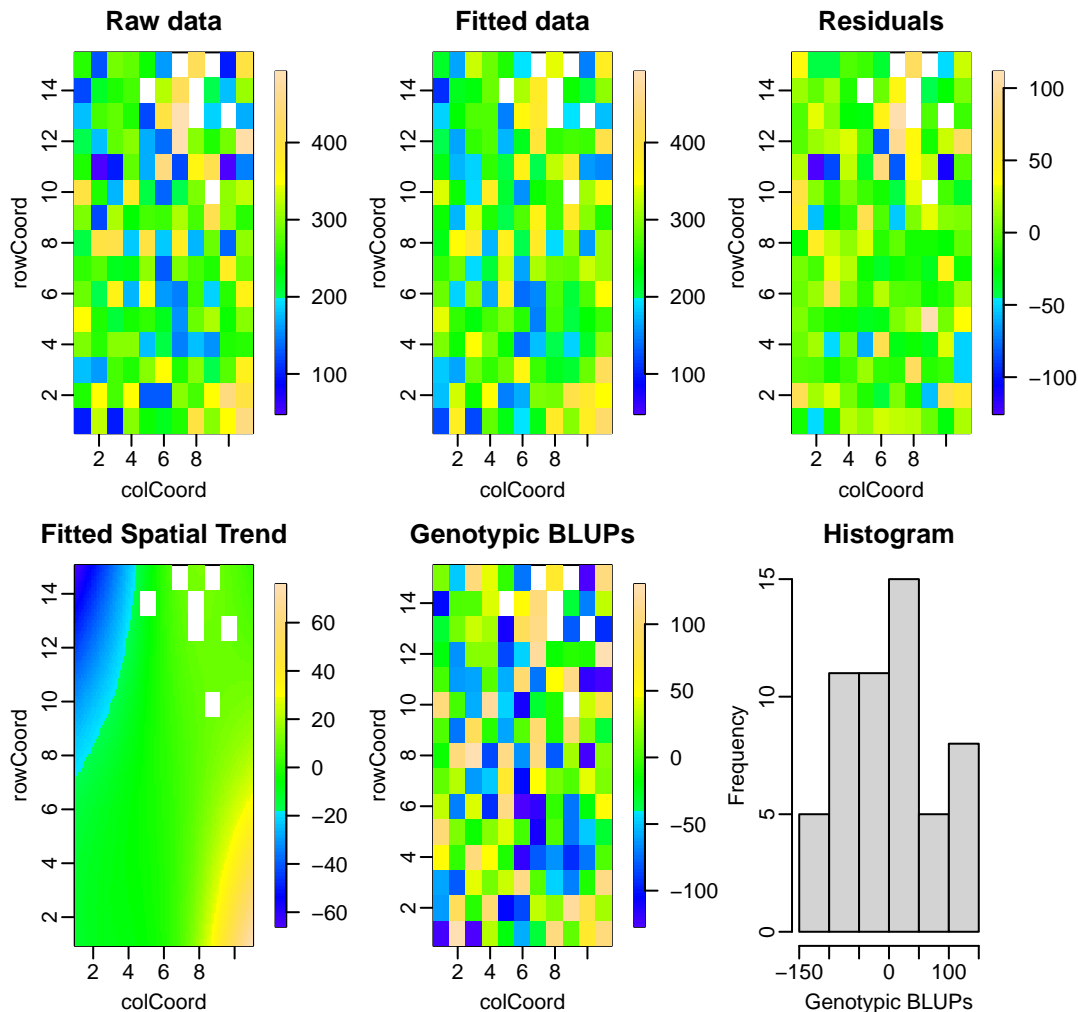


# Trait: height\_1st\_branch – Trial: 202301DMEPR\_tani



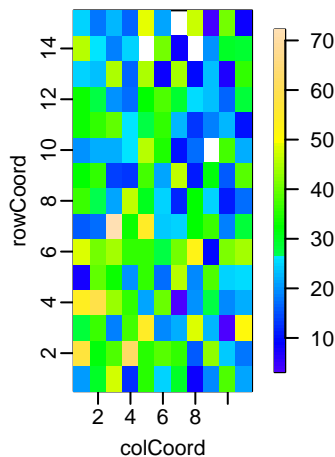


# Trait: height\_1st\_branch – Trial: 202304DMPYT\_dona

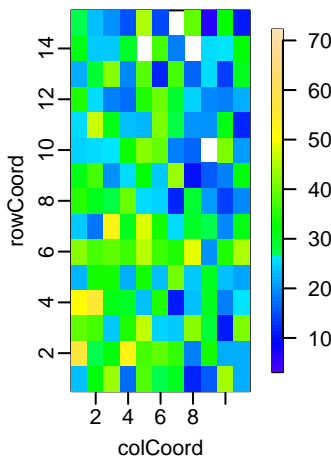


# Trait: yield\_ha – Trial: 202304DMPYT\_dona

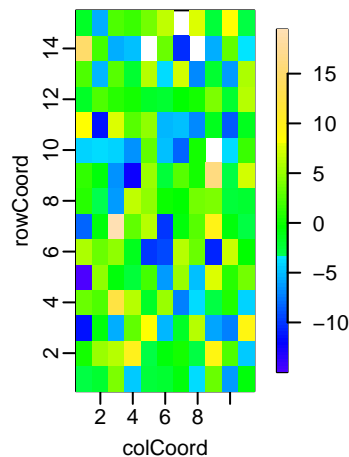
## Raw data



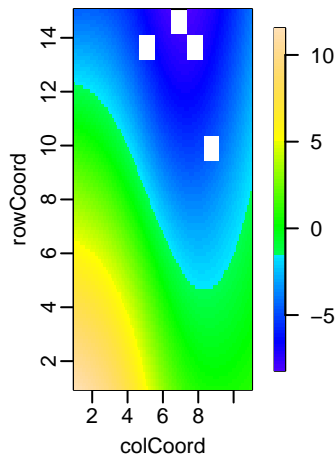
## Fitted data



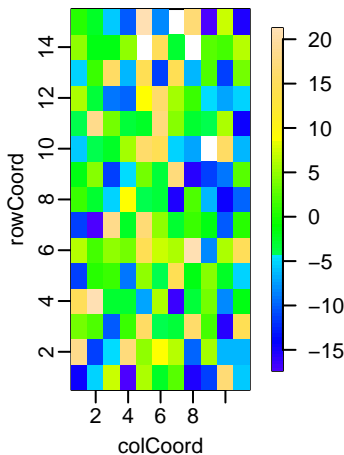
## Residuals



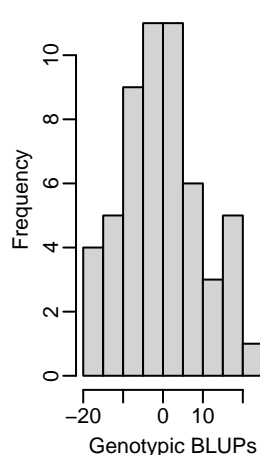
## Fitted Spatial Trend



## Genotypic BLUPs

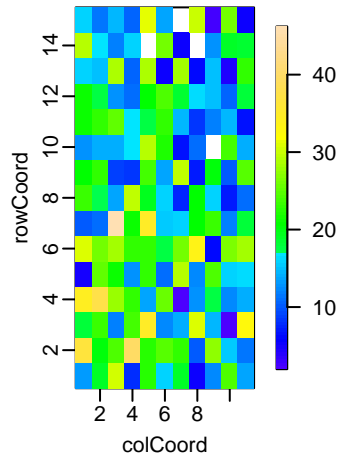


## Histogram

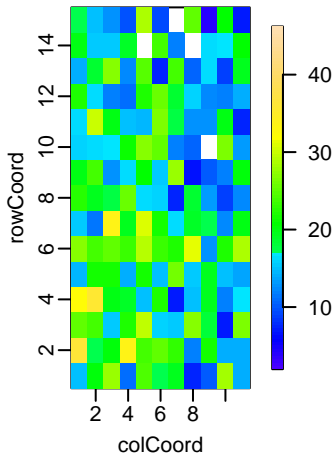


Trait: root\_weight\_plot – Trial: 202304DMPYT\_dona

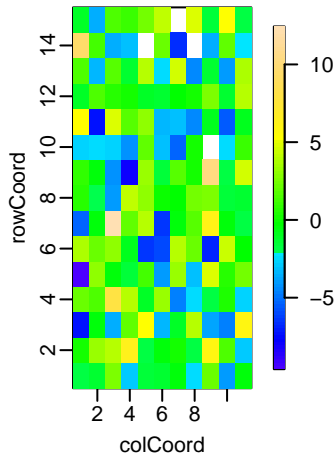
Raw data



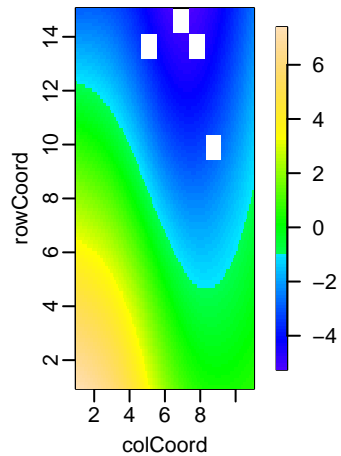
Fitted data



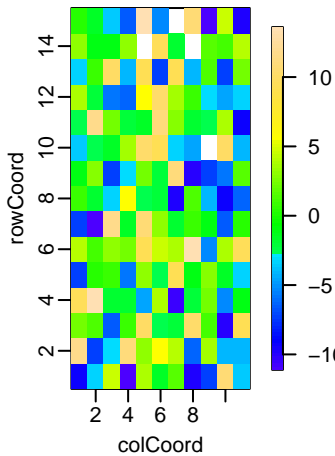
Residuals



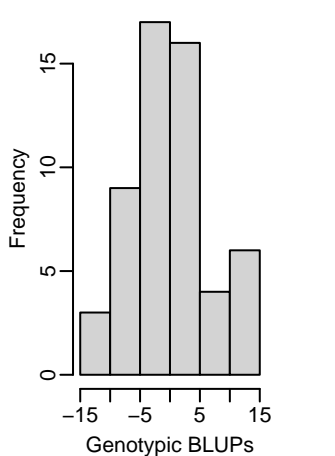
Fitted Spatial Trend



Genotypic BLUPs

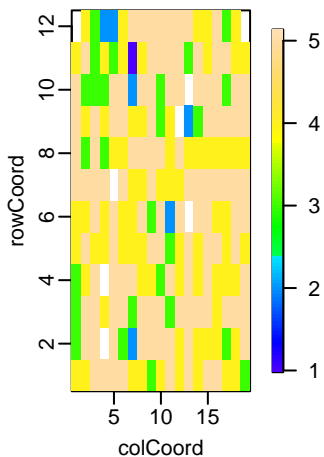


Histogram

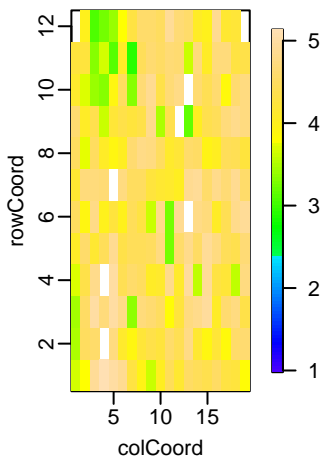


# Trait: vigor1\_5 – Trial: 202301DMEPR\_tani

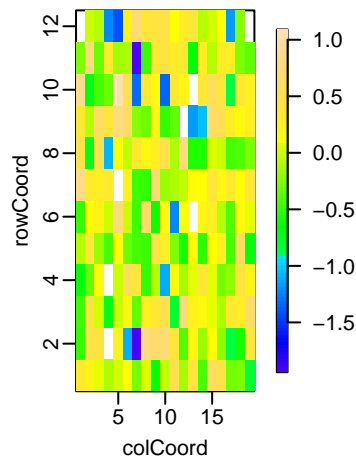
Raw data



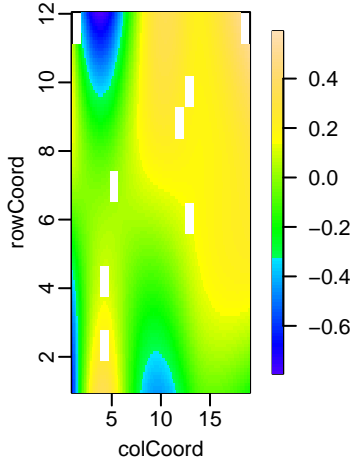
Fitted data



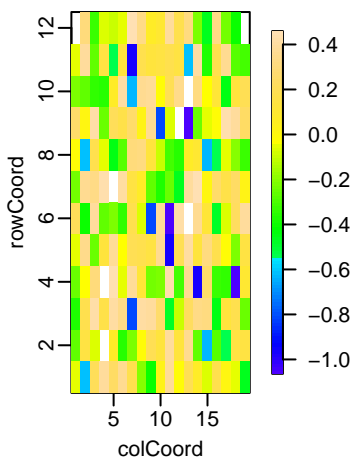
Residuals



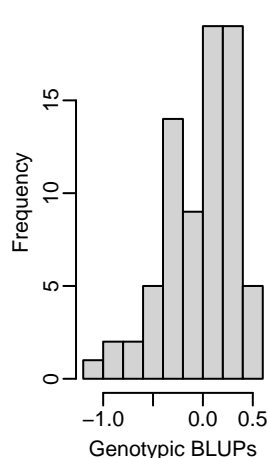
Fitted Spatial Trend



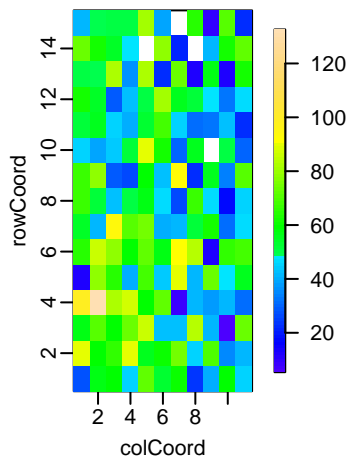
Genotypic BLUPs



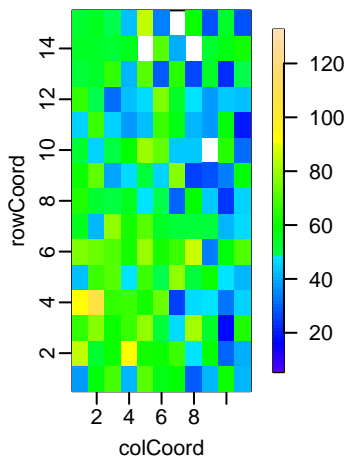
Histogram



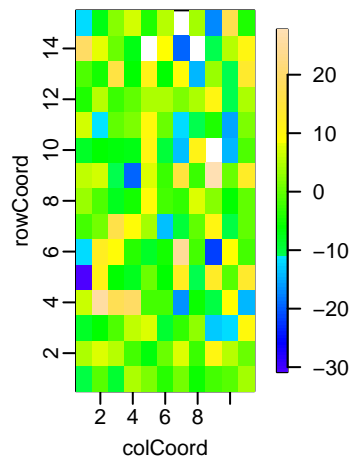
Raw data



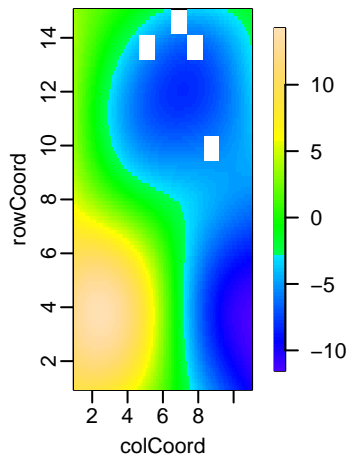
Fitted data



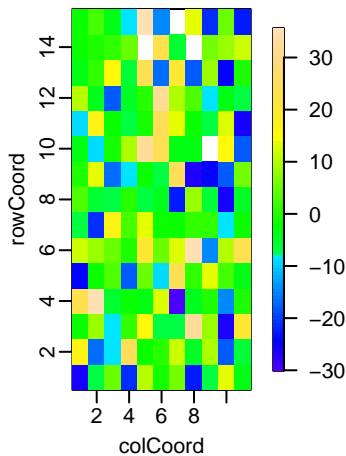
Residuals



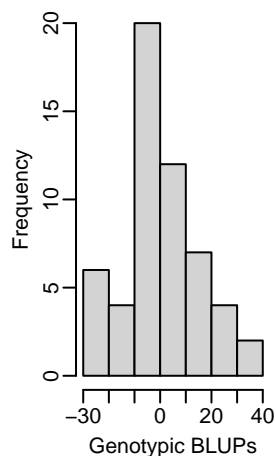
Fitted Spatial Trend



Genotypic BLUPs

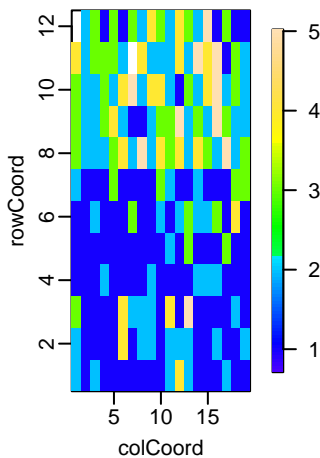


Histogram

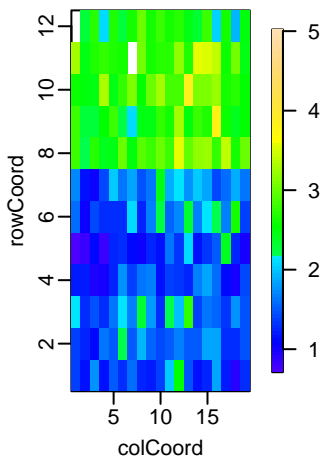


# Trait: plant\_type – Trial: 202301DMEPR\_tani

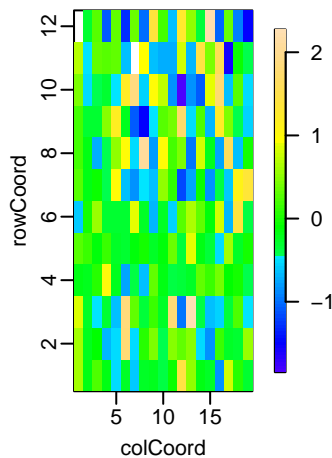
## Raw data



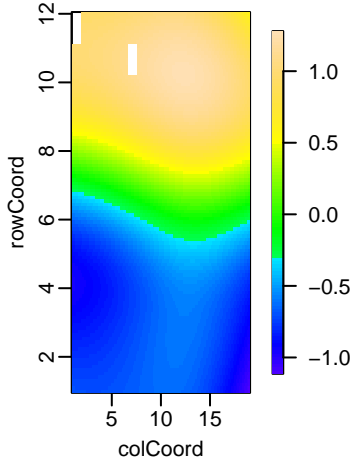
## Fitted data



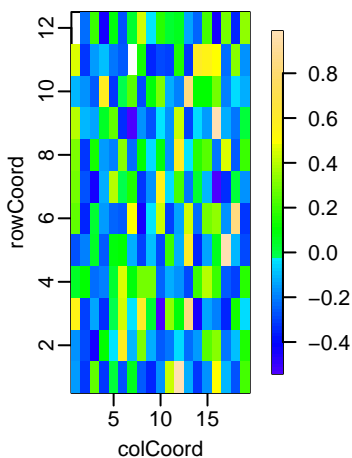
## Residuals



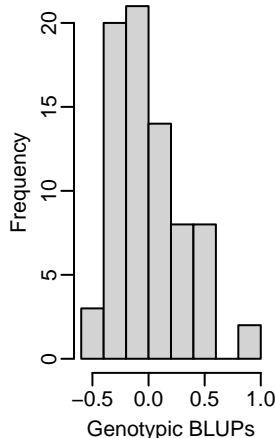
## Fitted Spatial Trend



## Genotypic BLUPs

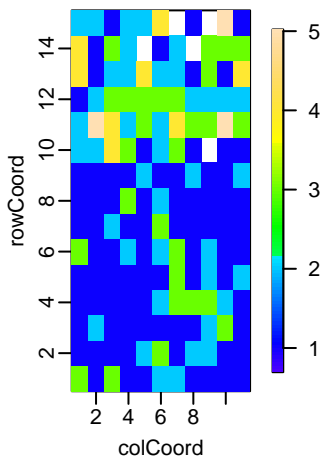


## Histogram

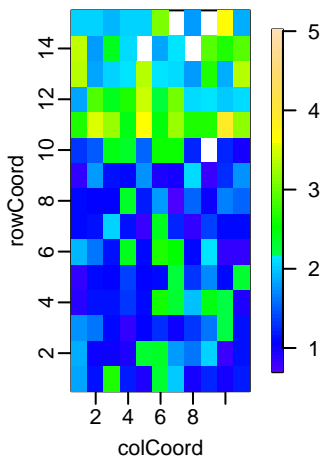


# Trait: plant\_type – Trial: 202304DMPYT\_dona

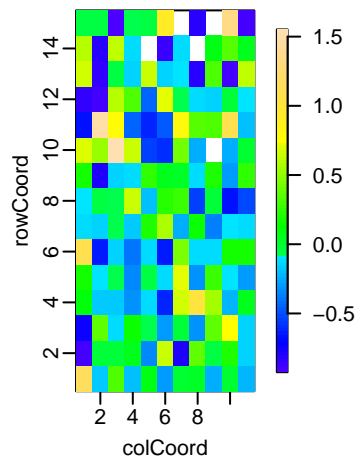
## Raw data



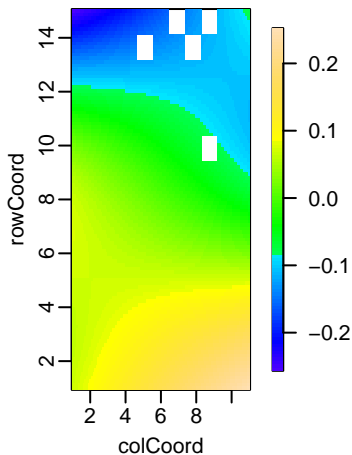
## Fitted data



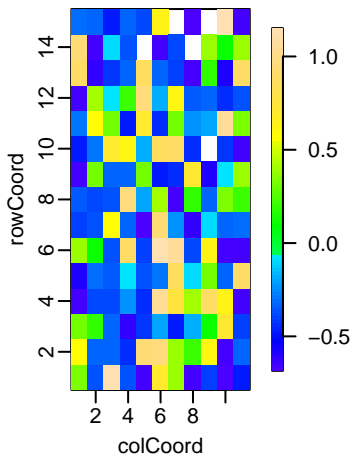
## Residuals



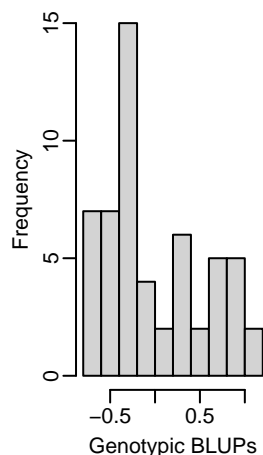
## Fitted Spatial Trend



## Genotypic BLUPs

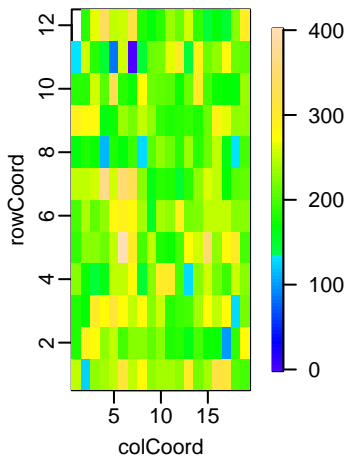


## Histogram

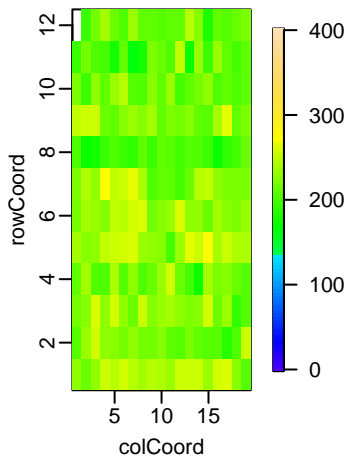


# Trait: height – Trial: 202301DMEPR\_tani

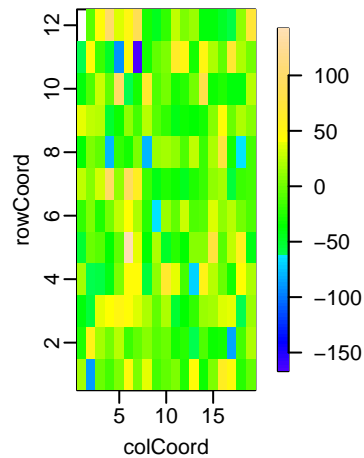
## Raw data



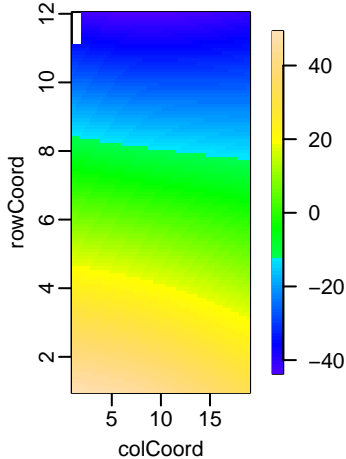
## Fitted data



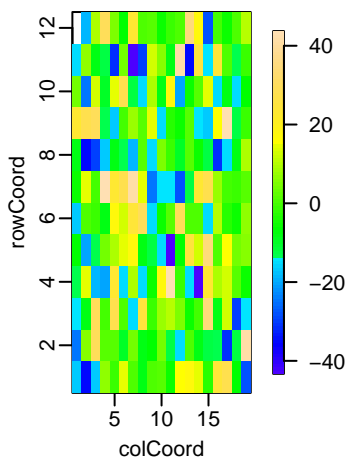
## Residuals



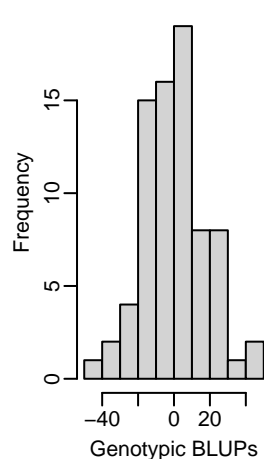
## Fitted Spatial Trend



## Genotypic BLUPs



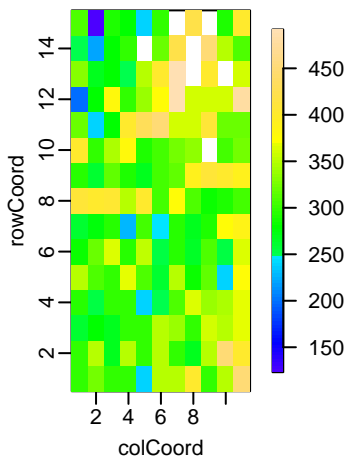
## Histogram



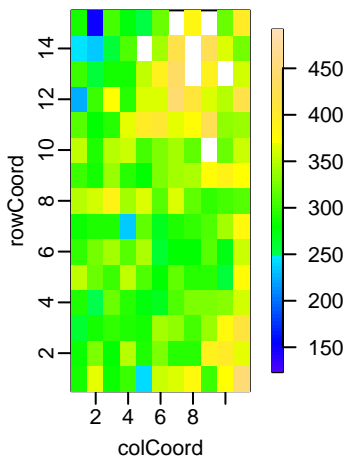


# Trait: height – Trial: 202304DMPYT\_dona

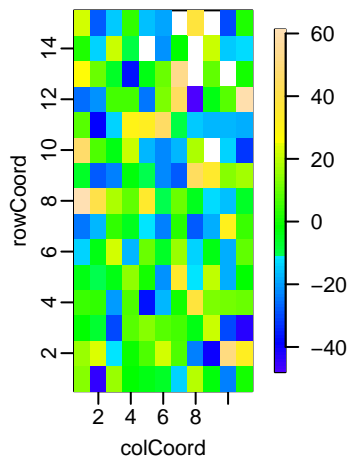
## Raw data



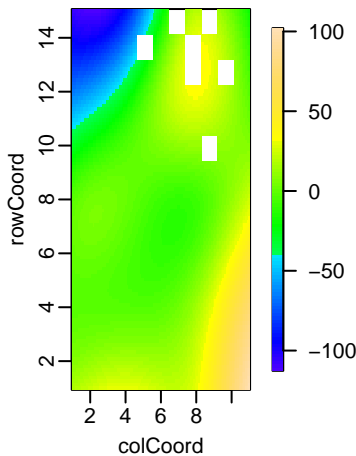
## Fitted data



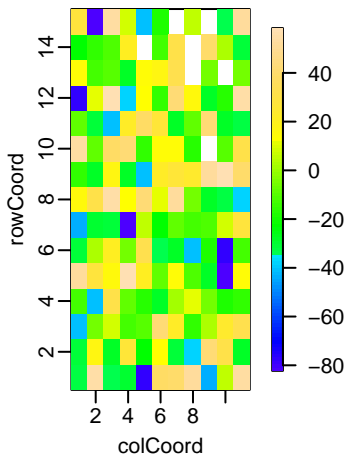
## Residuals



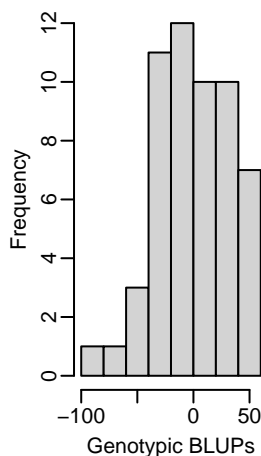
## Fitted Spatial Trend



## Genotypic BLUPs

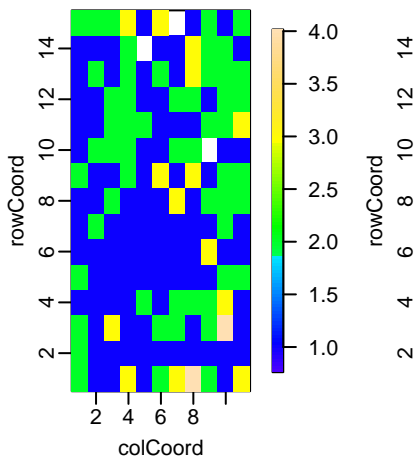


## Histogram

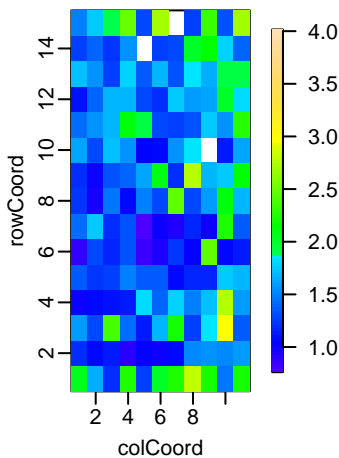


# Trait: root\_type1\_5 – Trial: 202304DMPYT\_dona

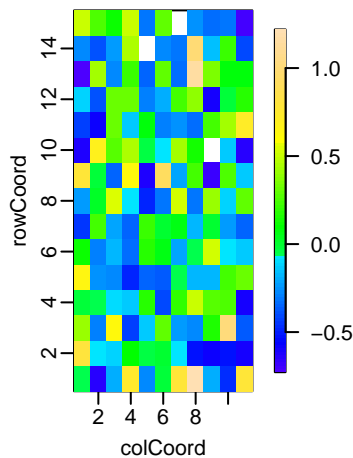
## Raw data



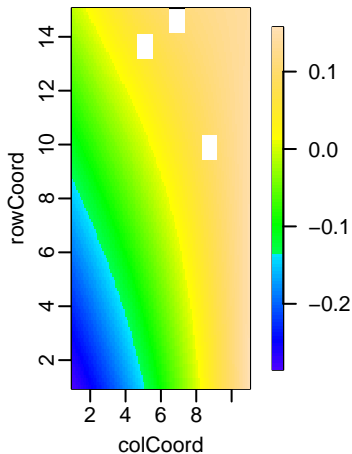
## Fitted data



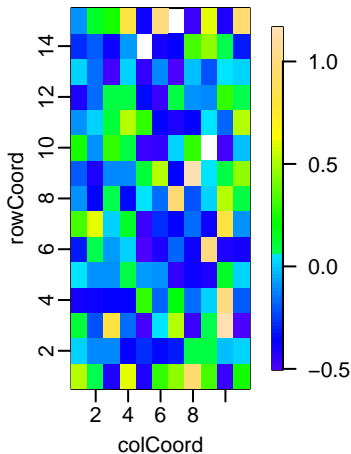
## Residuals



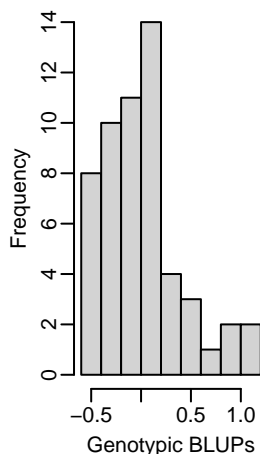
## Fitted Spatial Trend



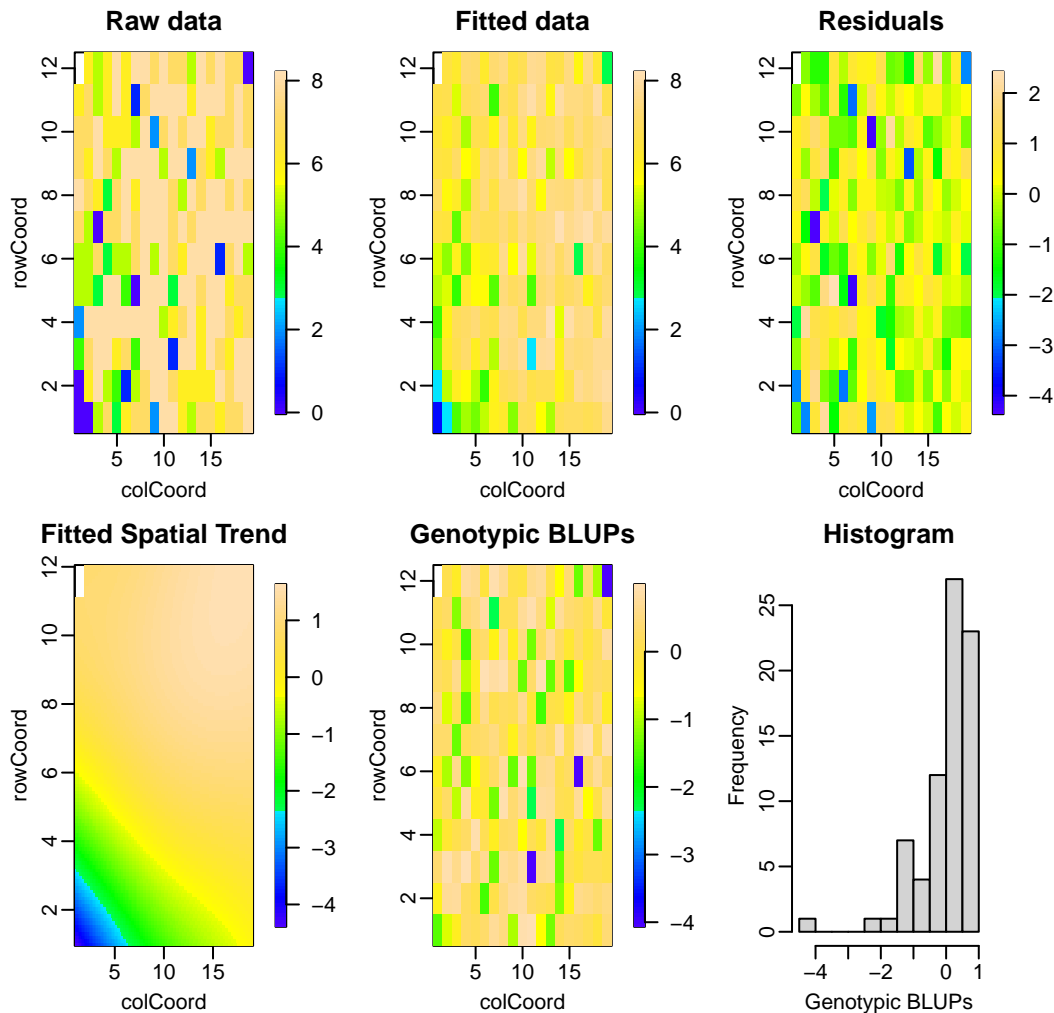
## Genotypic BLUPs



## Histogram

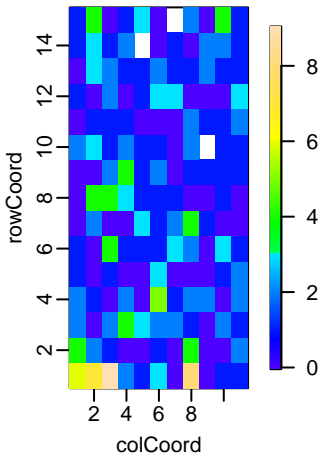


# Trait: root\_rot\_number – Trial: 202301DMEPR\_tani

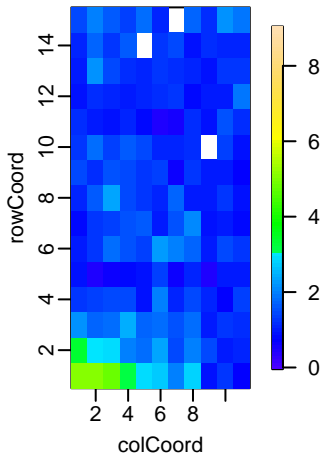


Trait: root\_rot\_number – Trial: 202304DMPYT\_dona

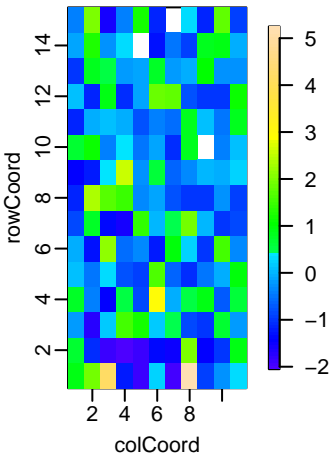
Raw data



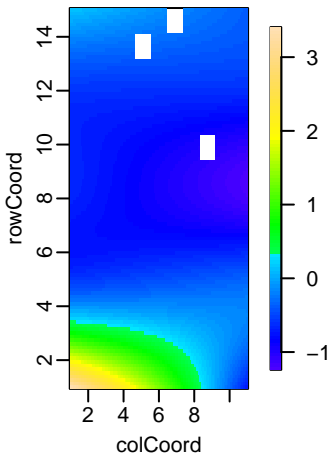
Fitted data



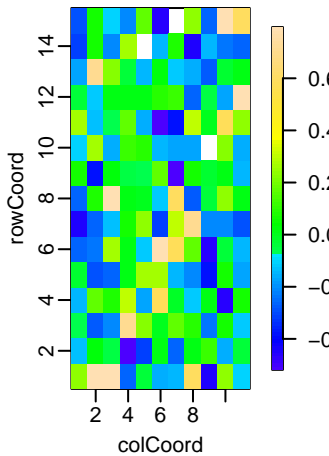
Residuals



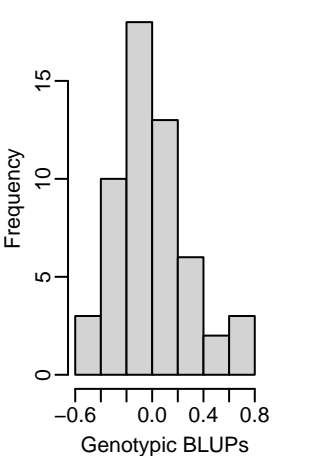
Fitted Spatial Trend



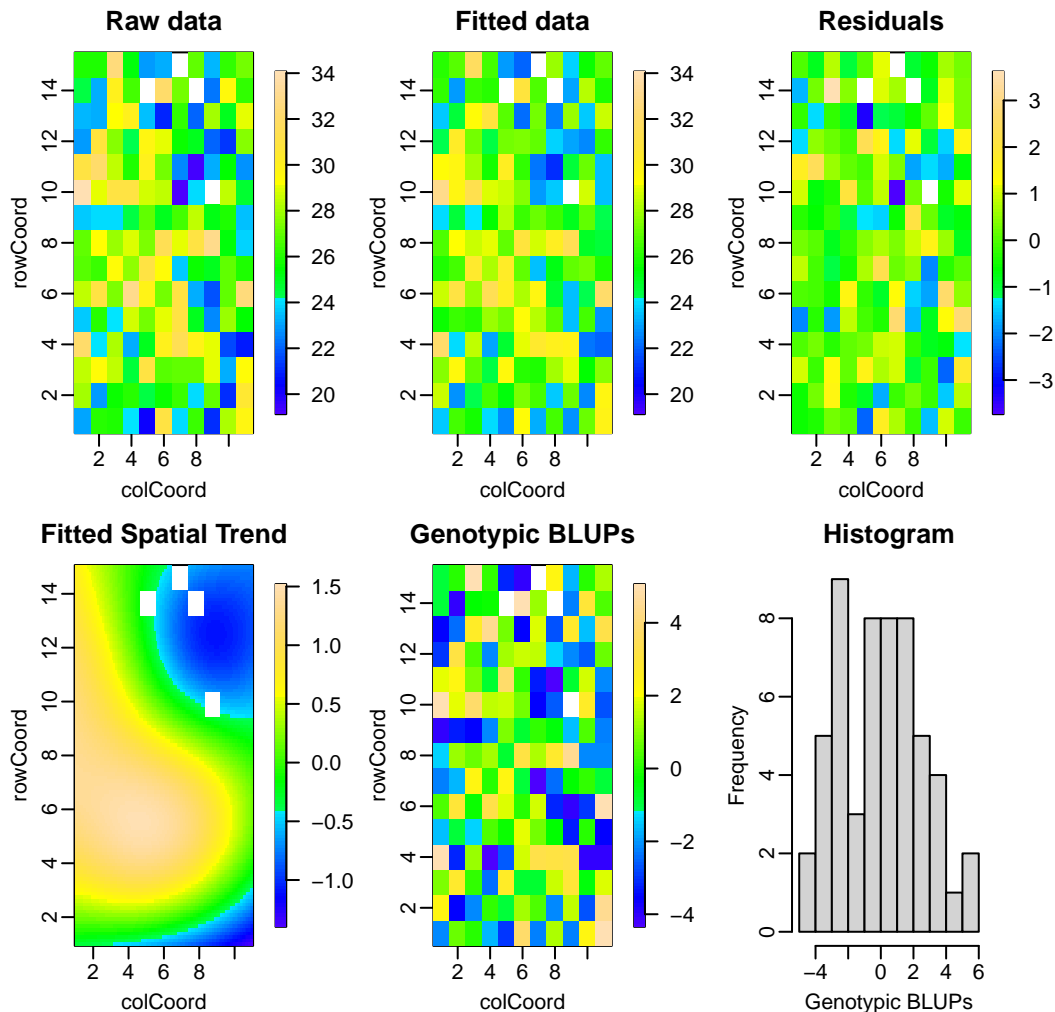
Genotypic BLUPs



Histogram

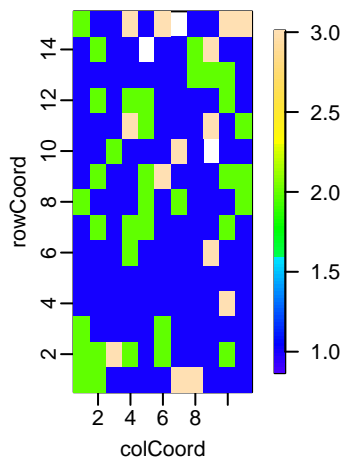


# Trait: starch\_content – Trial: 202304DMPYT\_dona

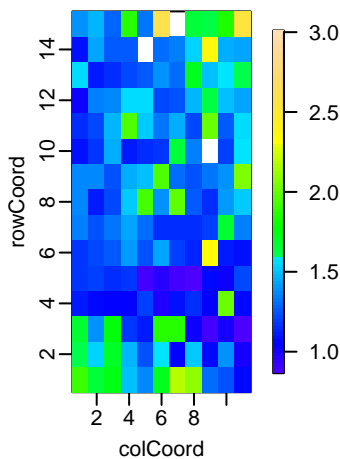


Trait: root\_peduncle1\_3 – Trial: 202304DMPYT\_dona

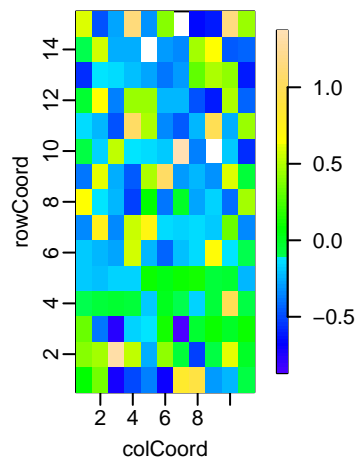
**Raw data**



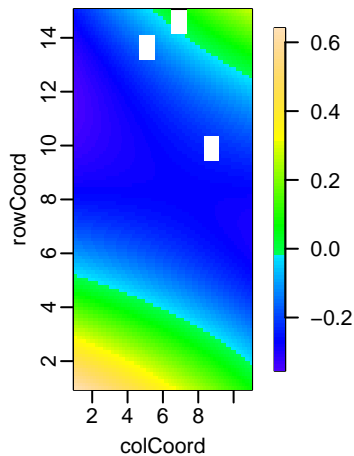
**Fitted data**



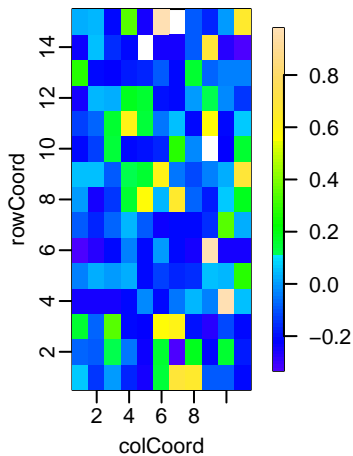
**Residuals**



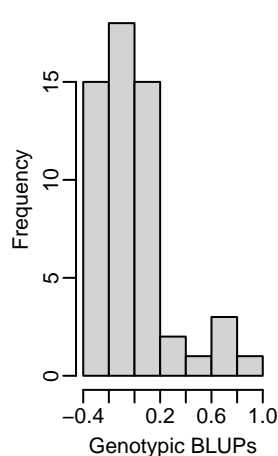
**Fitted Spatial Trend**



**Genotypic BLUPs**

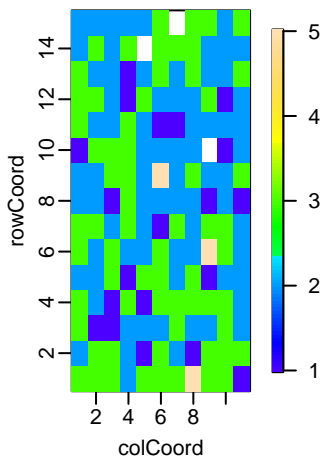


**Histogram**

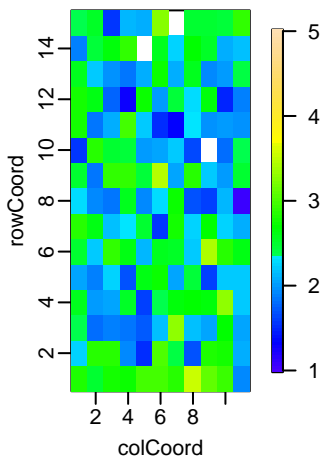


# Trait: root\_shape1\_6 – Trial: 202304DMPYT\_dona

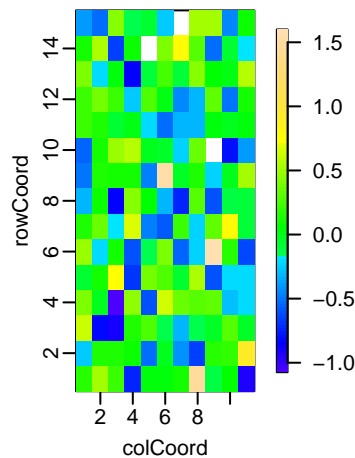
## Raw data



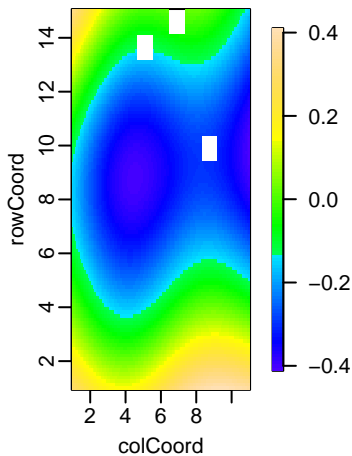
## Fitted data



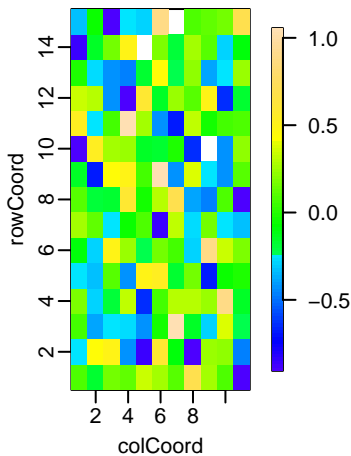
## Residuals



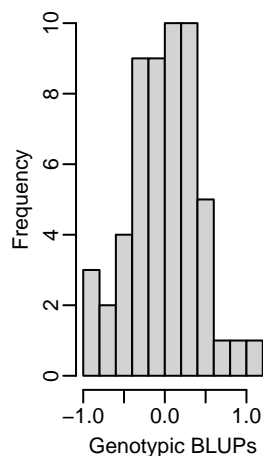
## Fitted Spatial Trend



## Genotypic BLUPs

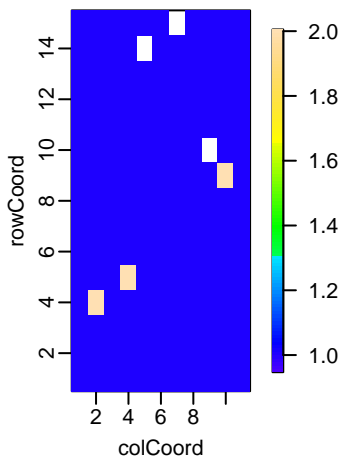


## Histogram

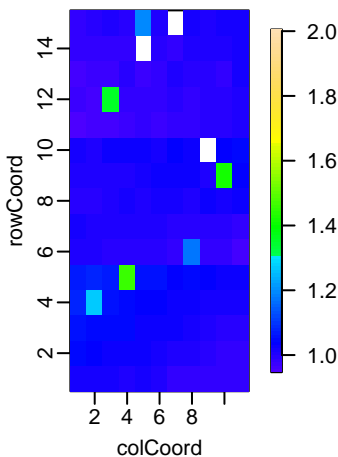


# Trait: carotenoid1\_8 – Trial: 202304DMPYT\_dona

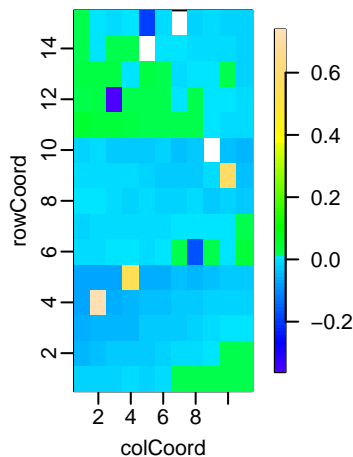
## Raw data



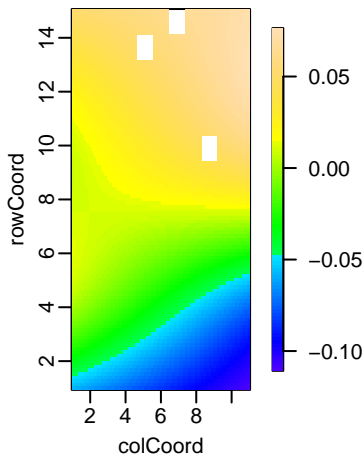
## Fitted data



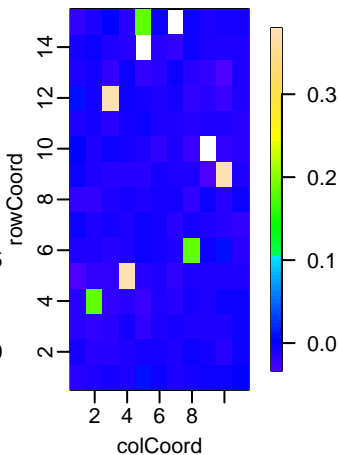
## Residuals



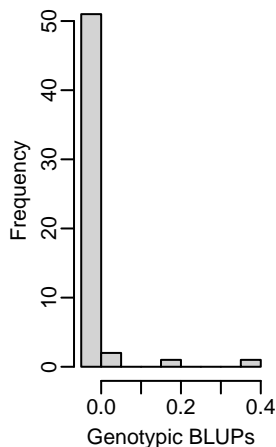
## Fitted Spatial Trend



## Genotypic BLUPs



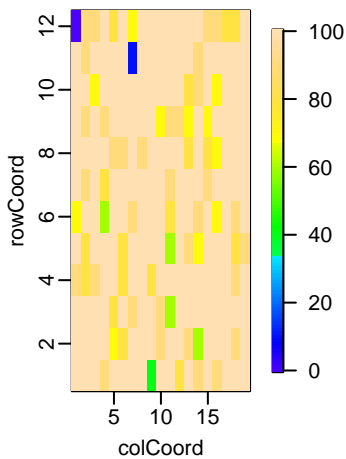
## Histogram



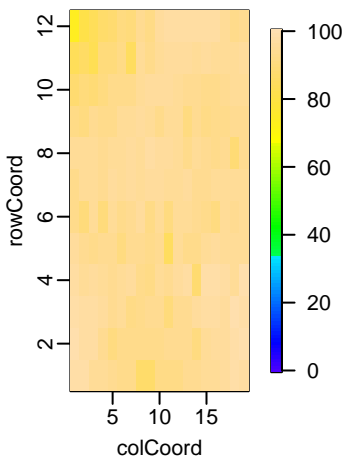


Trait: germination\_perc – Trial: 202301DMEPR\_tani

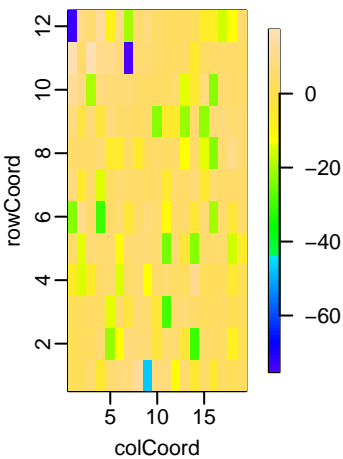
Raw data



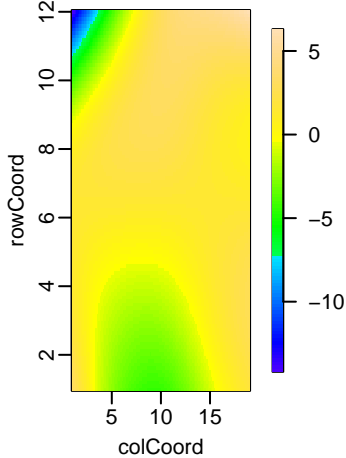
Fitted data



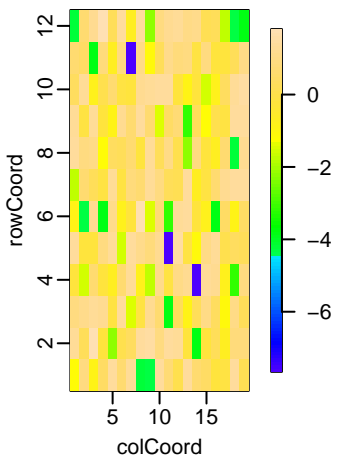
Residuals



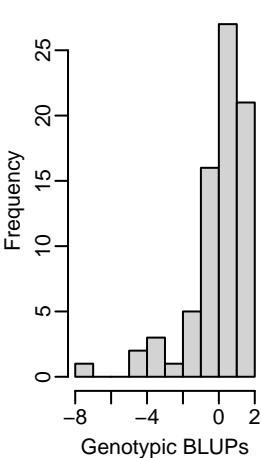
Fitted Spatial Trend



Genotypic BLUPs

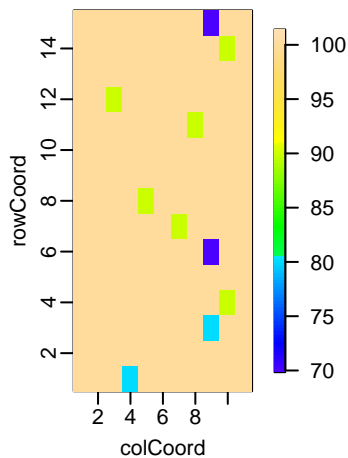


Histogram

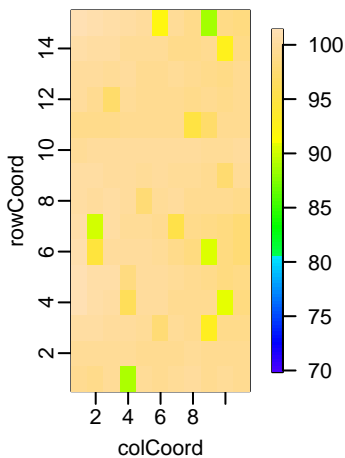


Trait: germination\_perc – Trial: 202304DMPYT\_dona

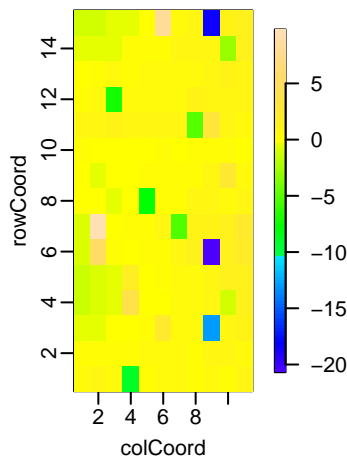
Raw data



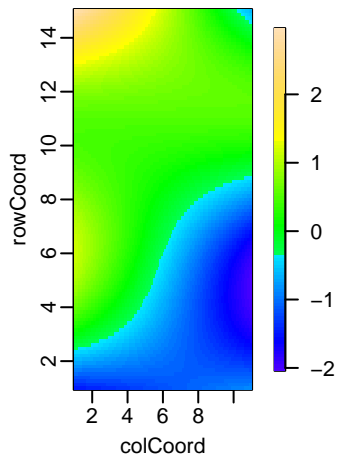
Fitted data



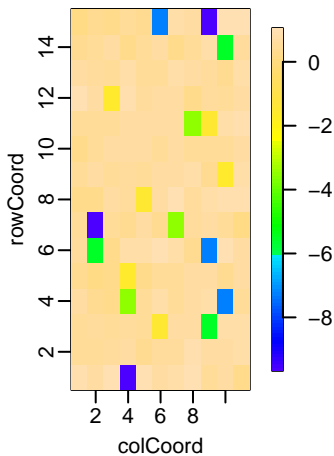
Residuals



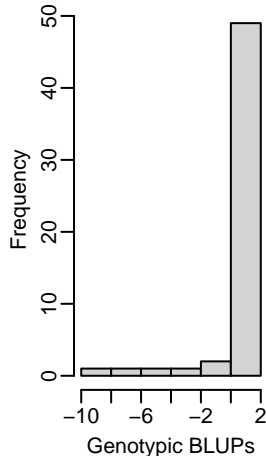
Fitted Spatial Trend



Genotypic BLUPs

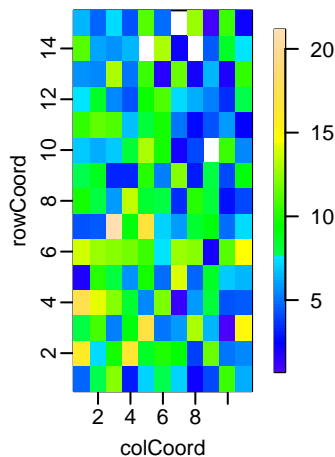


Histogram

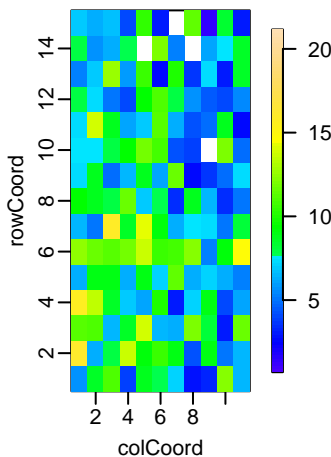


# Trait: starch\_yield\_ha – Trial: 202304DMPYT\_dona

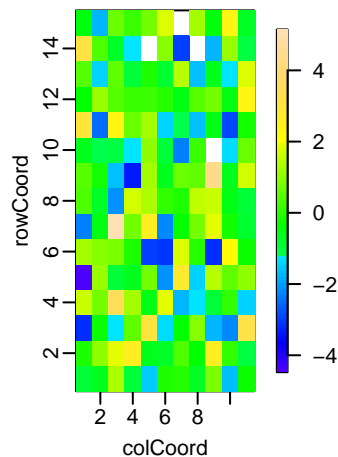
## Raw data



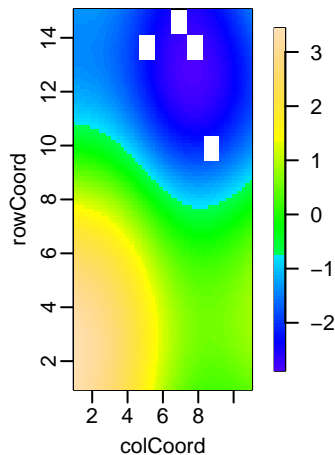
## Fitted data



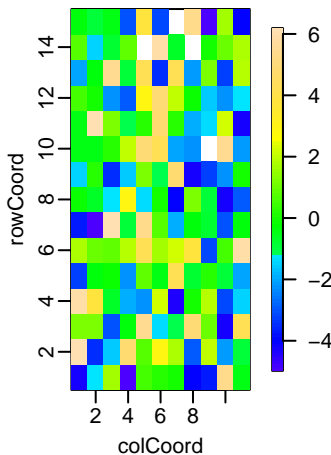
## Residuals



## Fitted Spatial Trend



## Genotypic BLUPs



## Histogram

