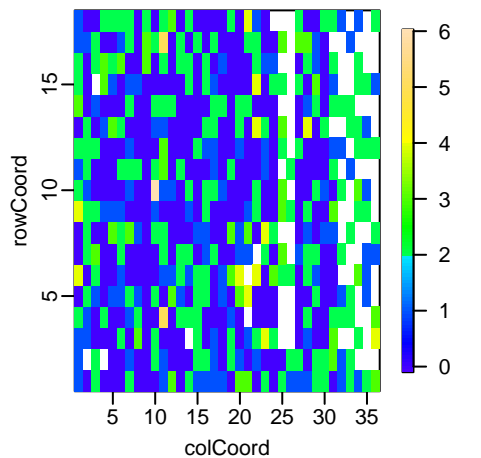
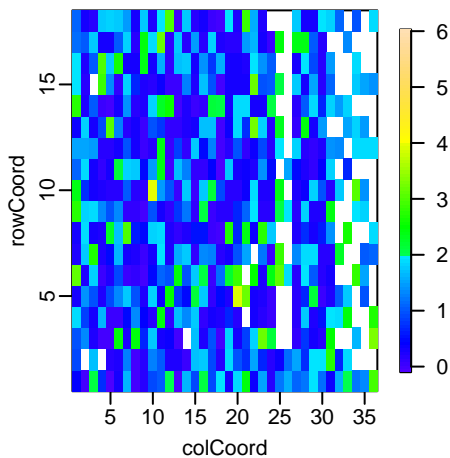


# Trait: branch\_number – Trial: 2023111DMF1C\_dona

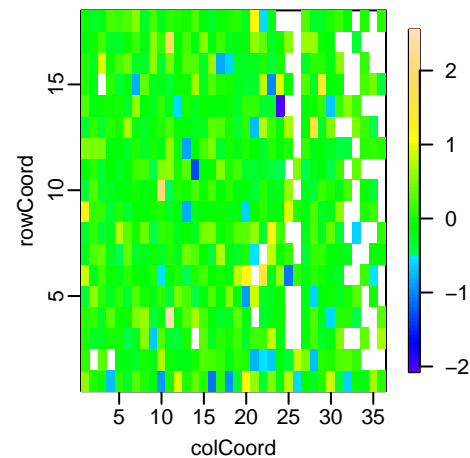
Raw data



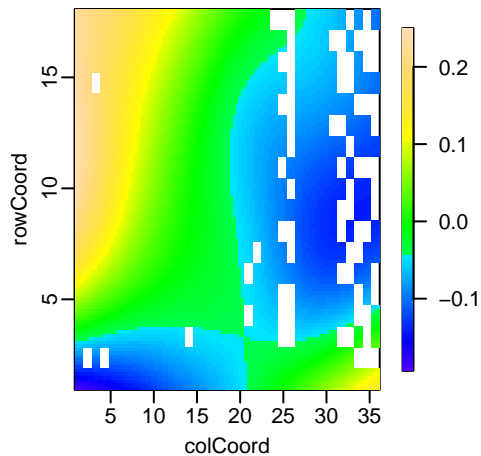
Fitted data



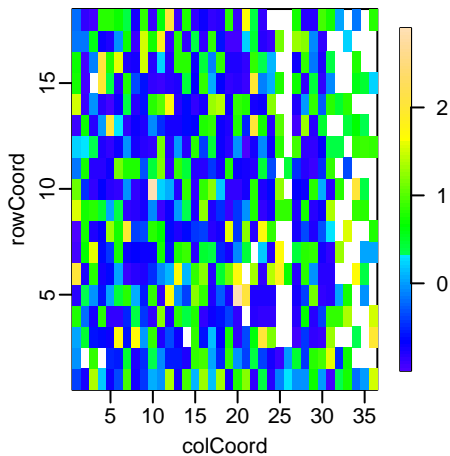
Residuals



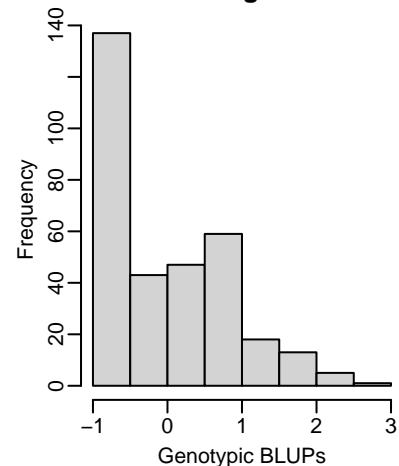
Fitted Spatial Trend



Genotypic BLUPs

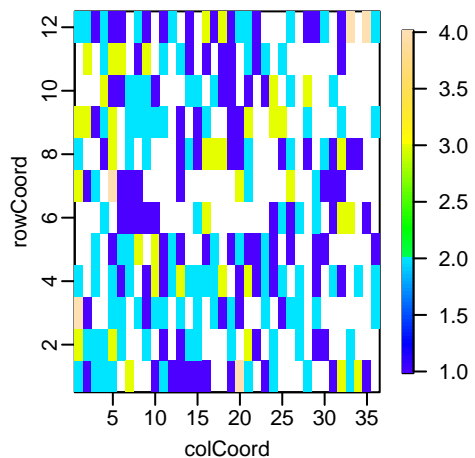


Histogram

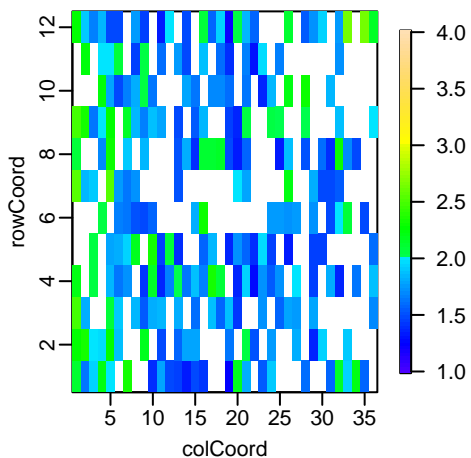


# Trait: branch\_number – Trial: 2023112DMF1C\_tani

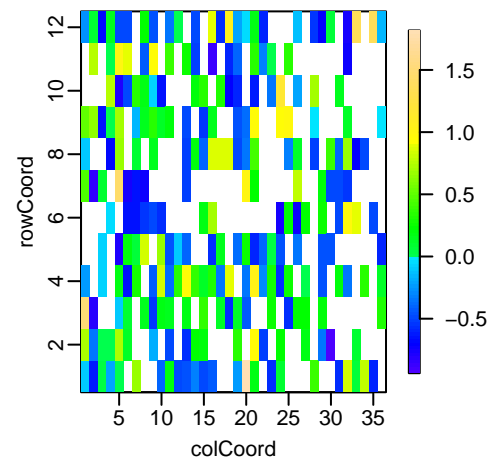
Raw data



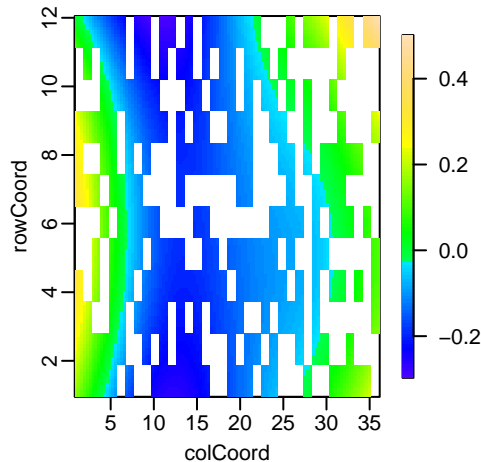
Fitted data



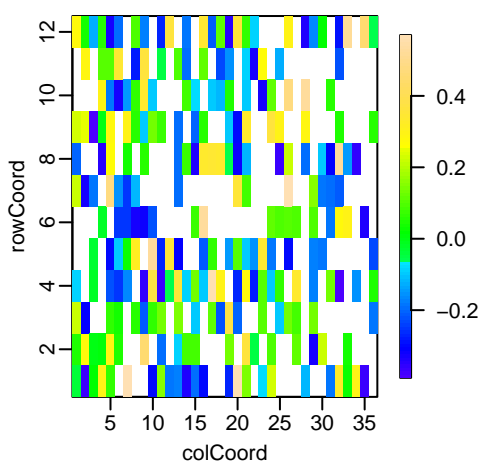
Residuals



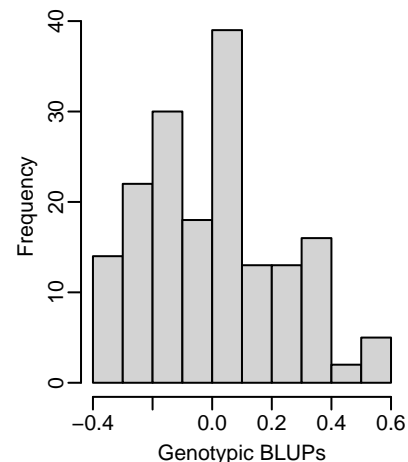
Fitted Spatial Trend



Genotypic BLUPs

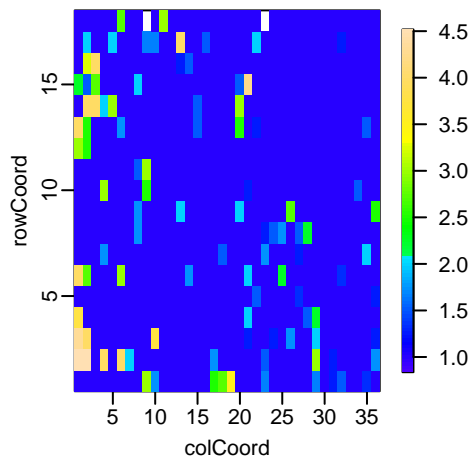


Histogram

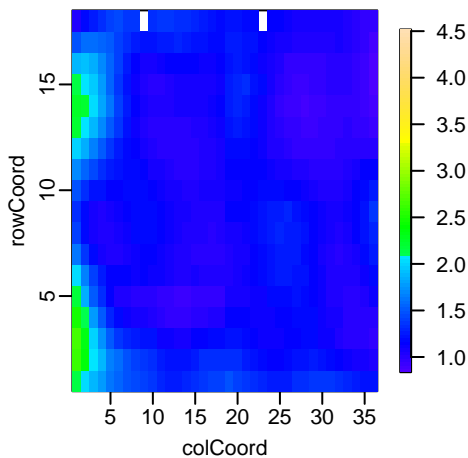


# Trait: CBB\_3mon – Trial: 2023111DMF1C\_dona

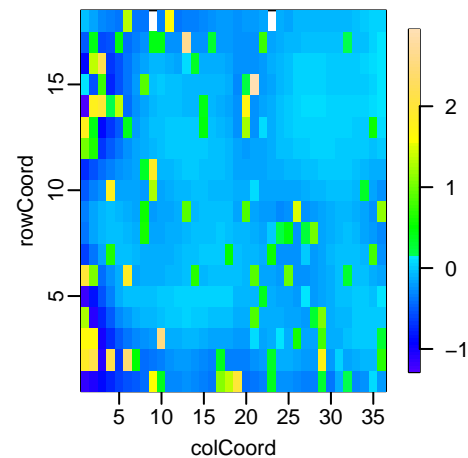
Raw data



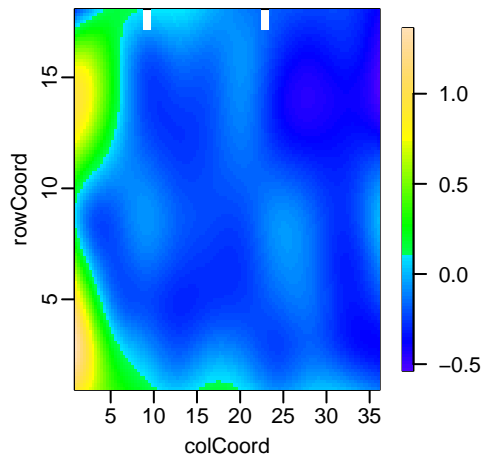
Fitted data



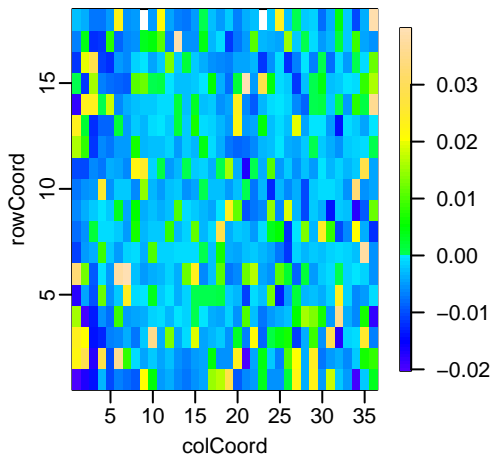
Residuals



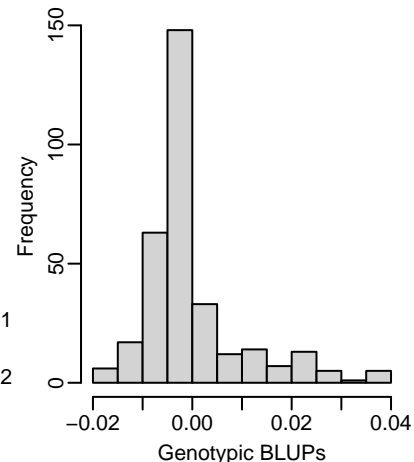
Fitted Spatial Trend



Genotypic BLUPs

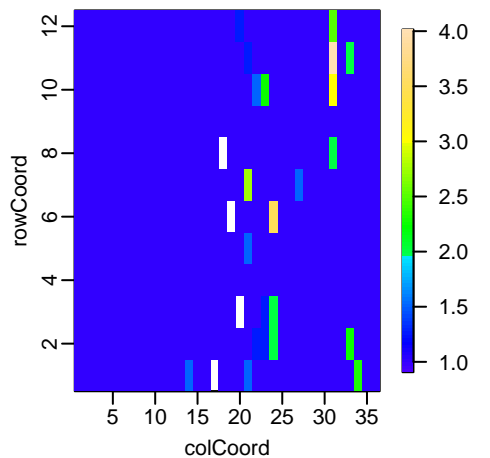


Histogram

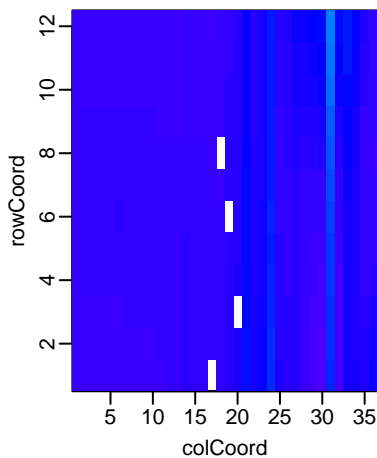


# Trait: CBB\_3mon – Trial: 2023112DMF1C\_tani

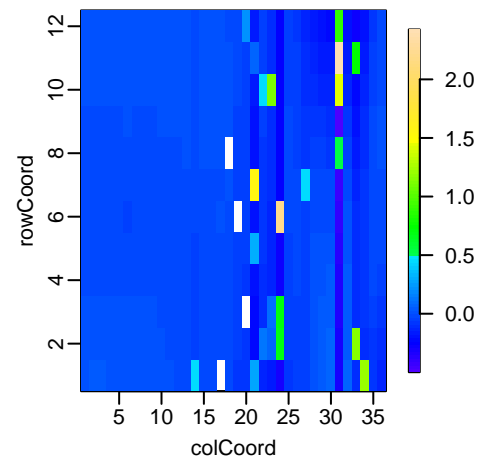
Raw data



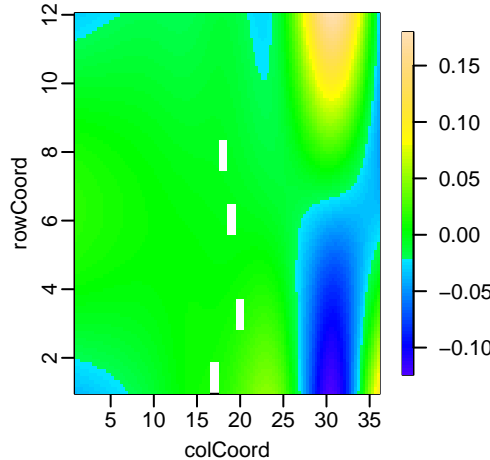
Fitted data



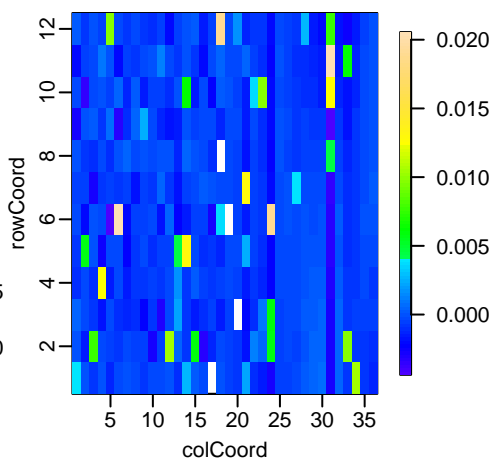
Residuals



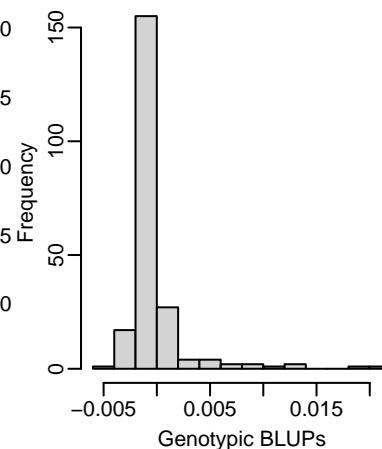
Fitted Spatial Trend



Genotypic BLUPs

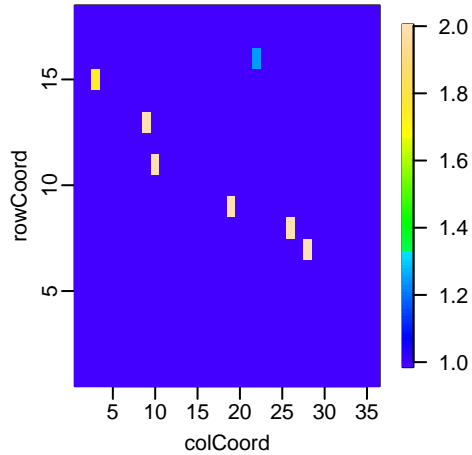


Histogram

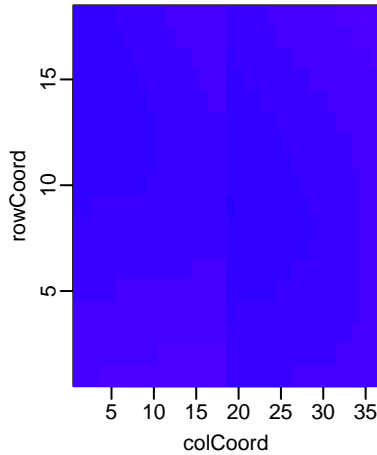


# Trait: CMD\_1mon – Trial: 2023111DMF1C\_dona

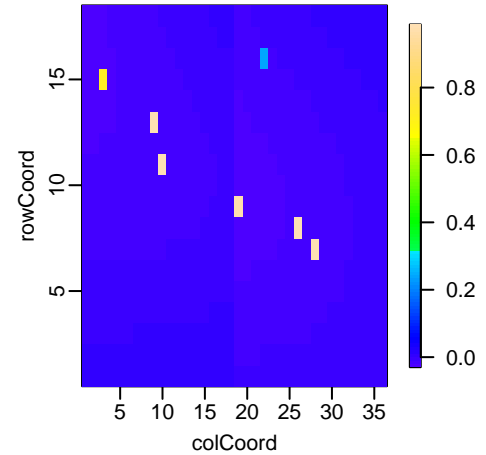
Raw data



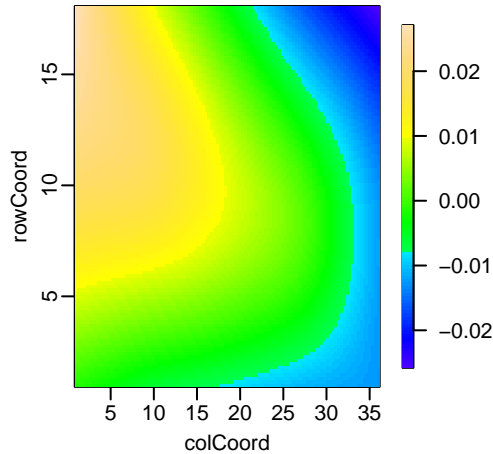
Fitted data



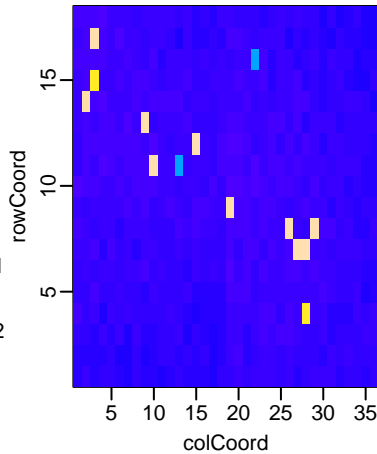
Residuals



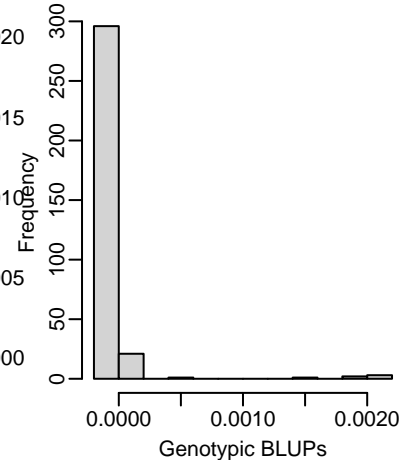
Fitted Spatial Trend



Genotypic BLUPs

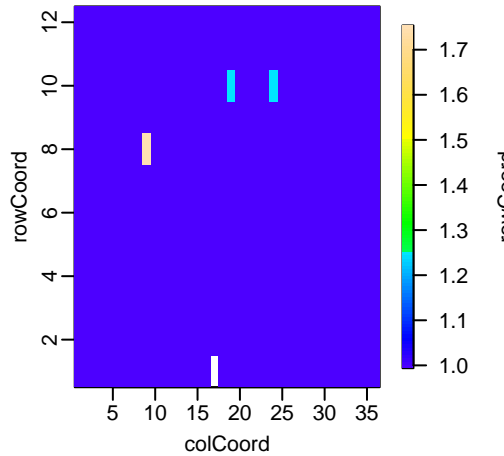


Histogram

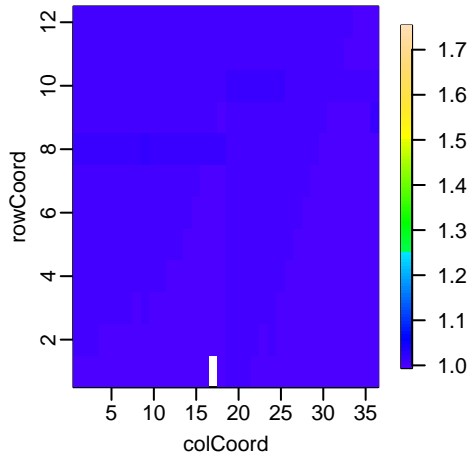


# Trait: CMD\_1mon – Trial: 2023112DMF1C\_tani

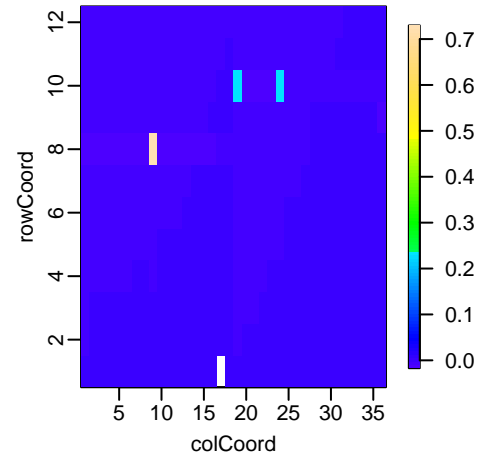
Raw data



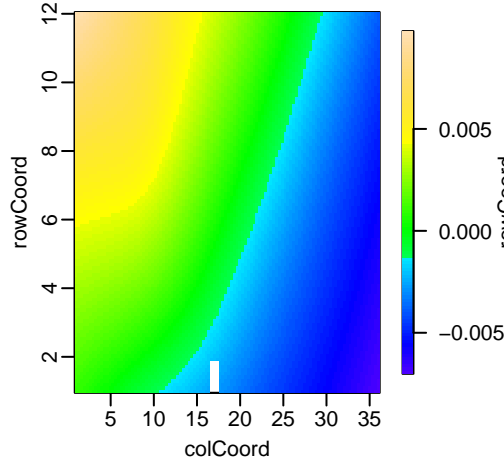
Fitted data



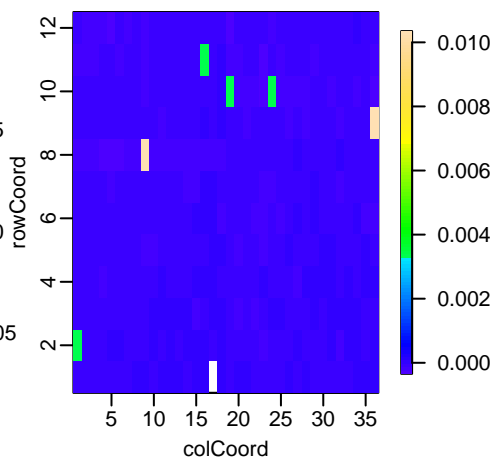
Residuals



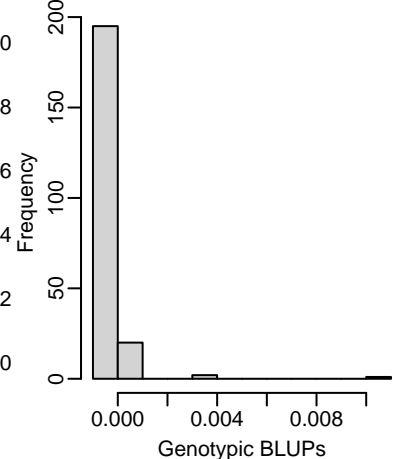
Fitted Spatial Trend



Genotypic BLUPs

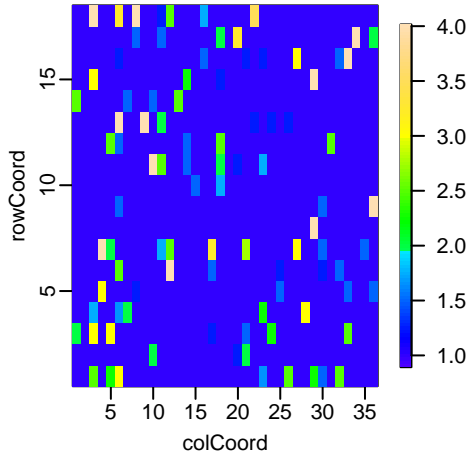


Histogram

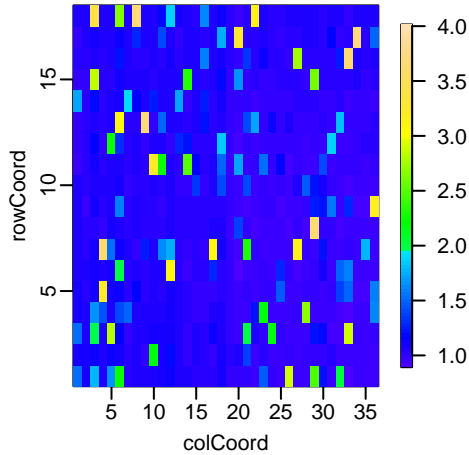


# Trait: CMD\_3mon – Trial: 2023111DMF1C\_dona

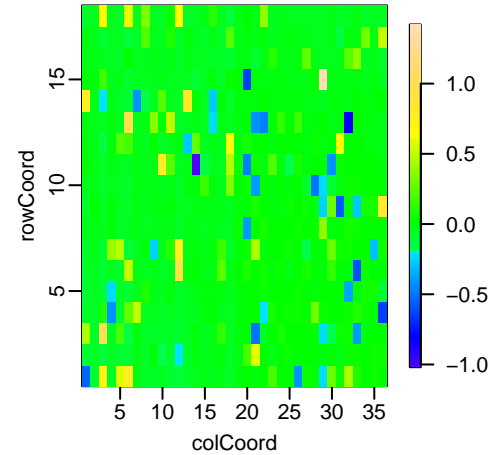
Raw data



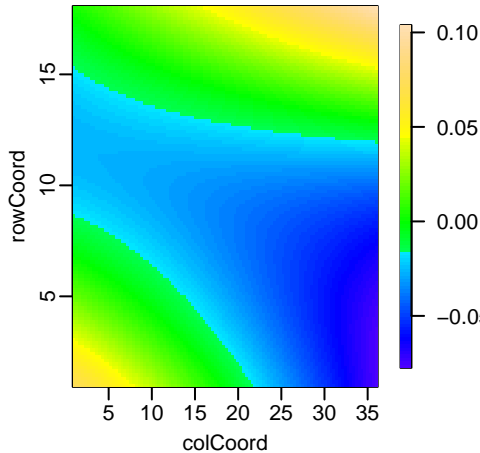
Fitted data



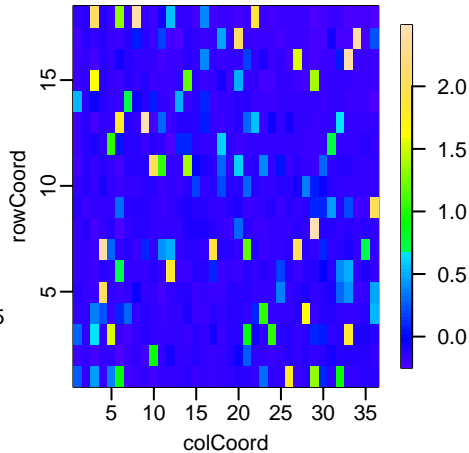
Residuals



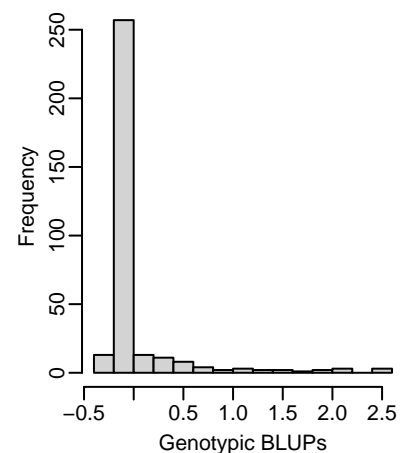
Fitted Spatial Trend



Genotypic BLUPs

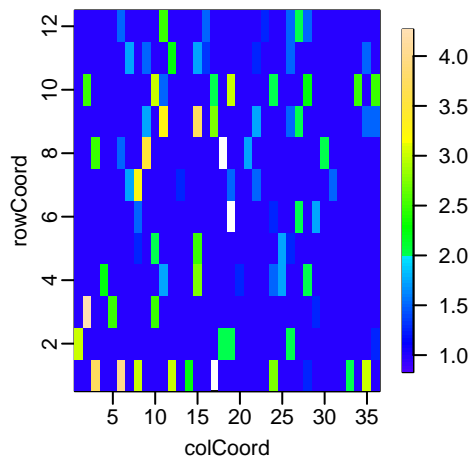


Histogram

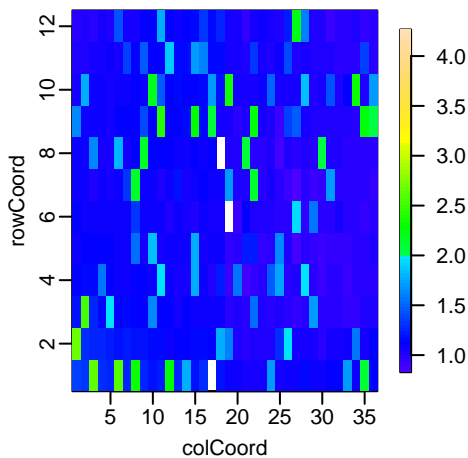


# Trait: CMD\_3mon – Trial: 2023112DMF1C\_tani

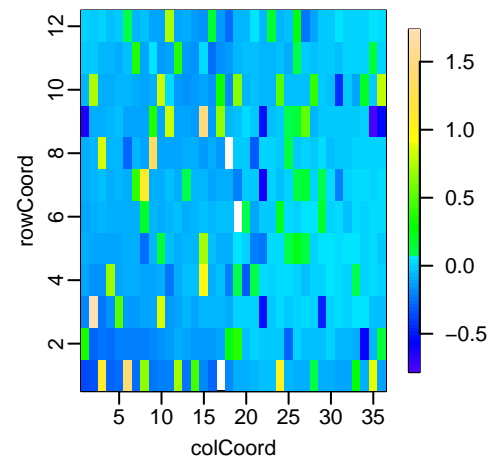
Raw data



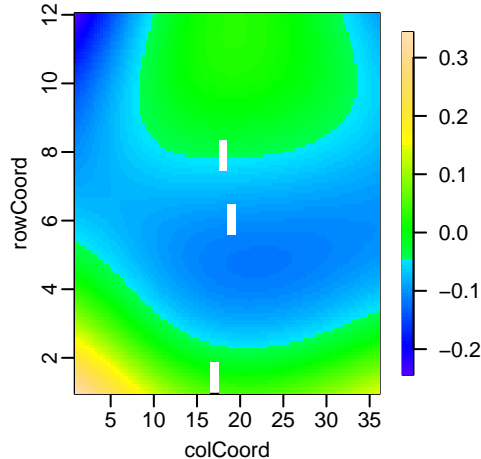
Fitted data



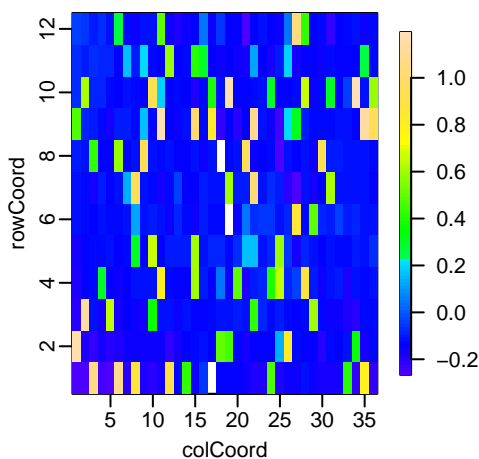
Residuals



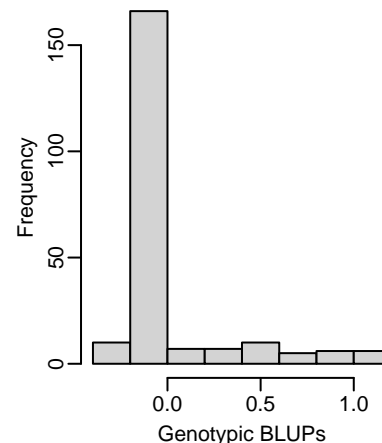
Fitted Spatial Trend



Genotypic BLUPs



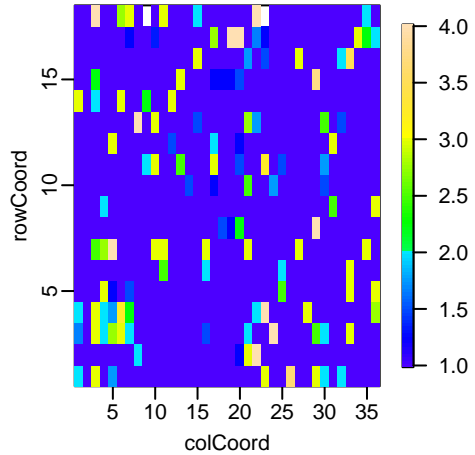
Histogram



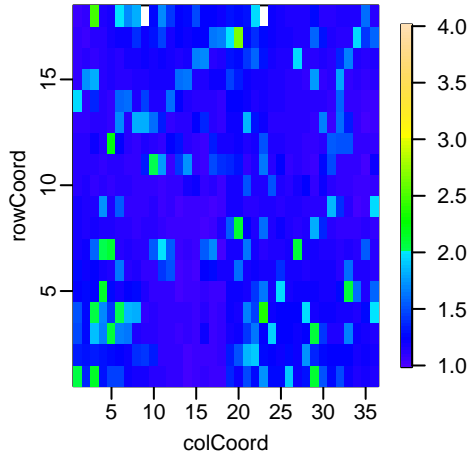


# Trait: CMD\_6mon – Trial: 2023111DMF1C\_dona

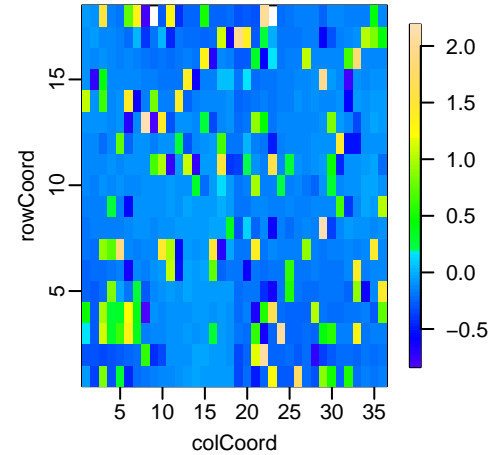
Raw data



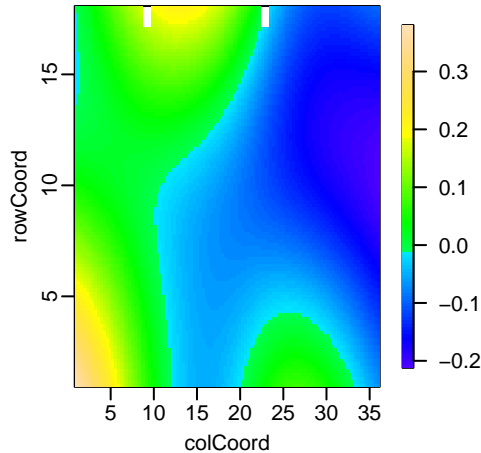
Fitted data



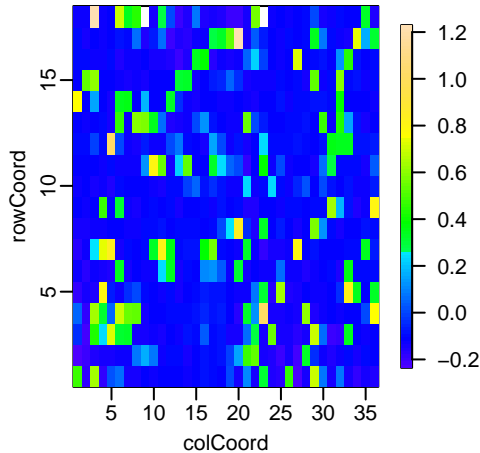
Residuals



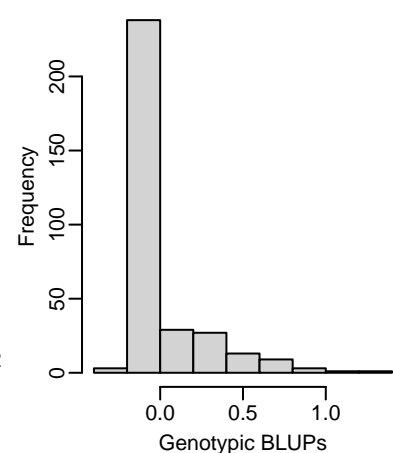
Fitted Spatial Trend



Genotypic BLUPs

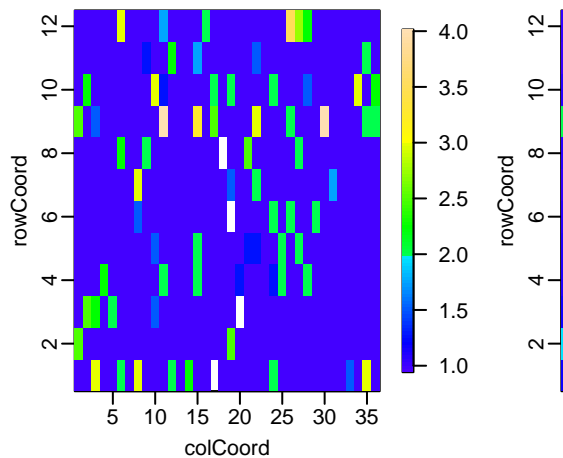


Histogram

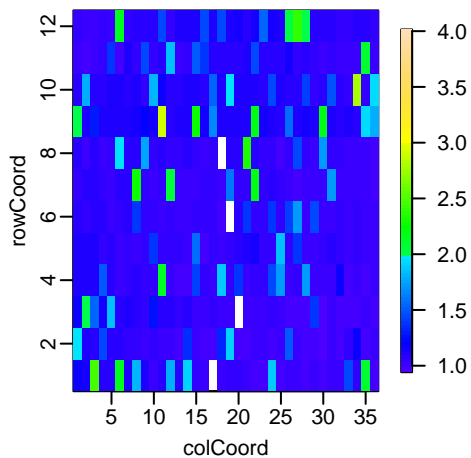


# Trait: CMD\_6mon – Trial: 2023112DMF1C\_tani

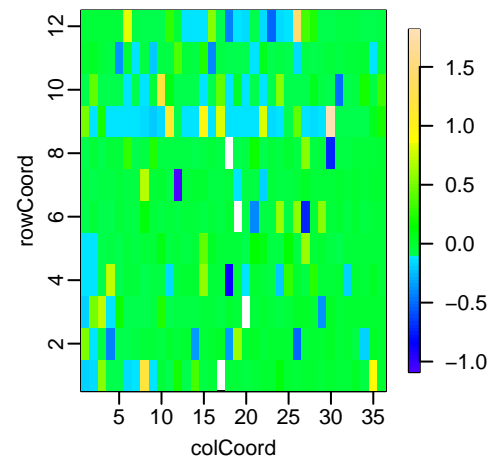
Raw data



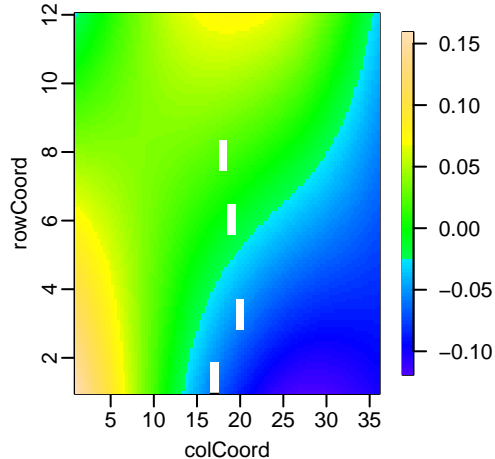
Fitted data



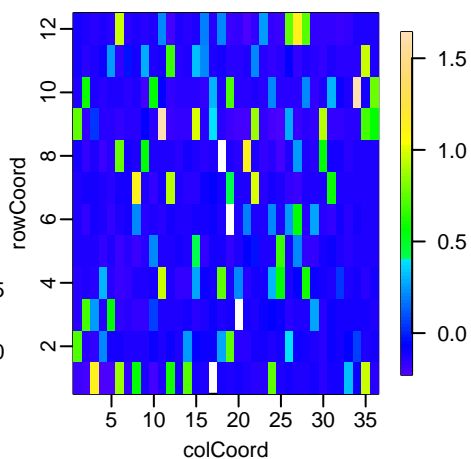
Residuals



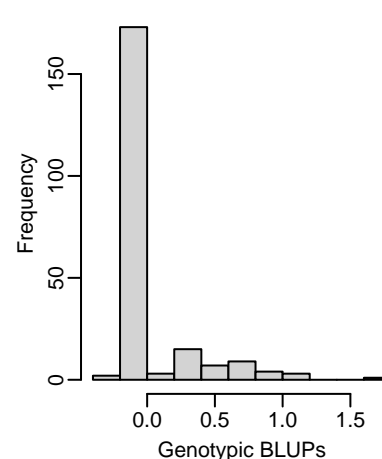
Fitted Spatial Trend



Genotypic BLUPs

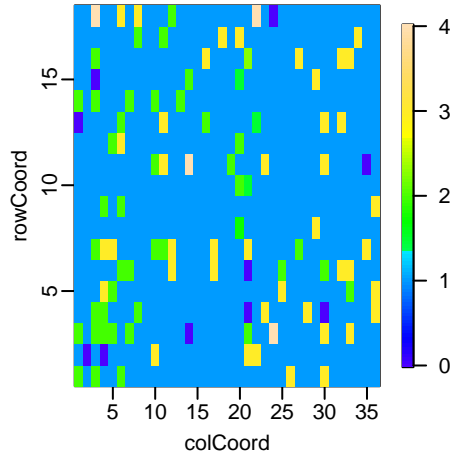


Histogram

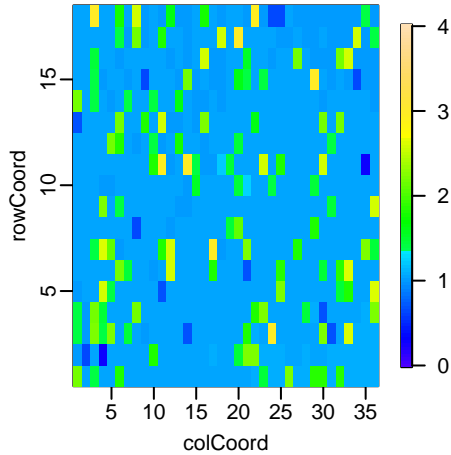


# Trait: CMD\_9mon – Trial: 2023111DMF1C\_dona

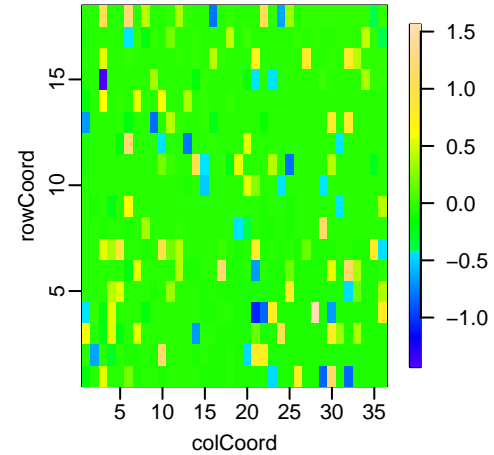
Raw data



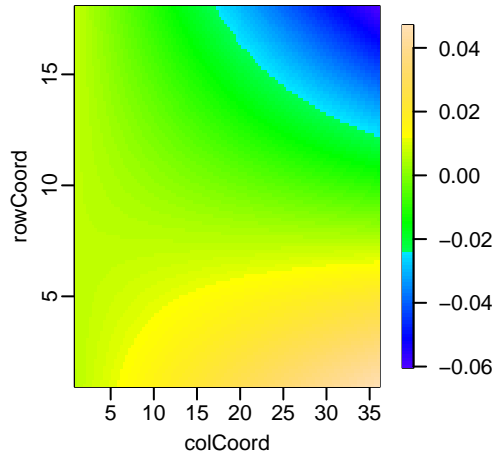
Fitted data



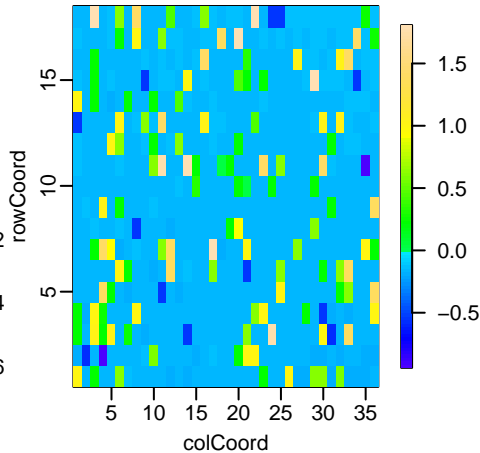
Residuals



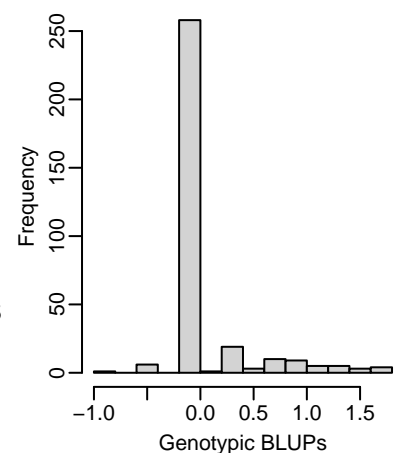
Fitted Spatial Trend



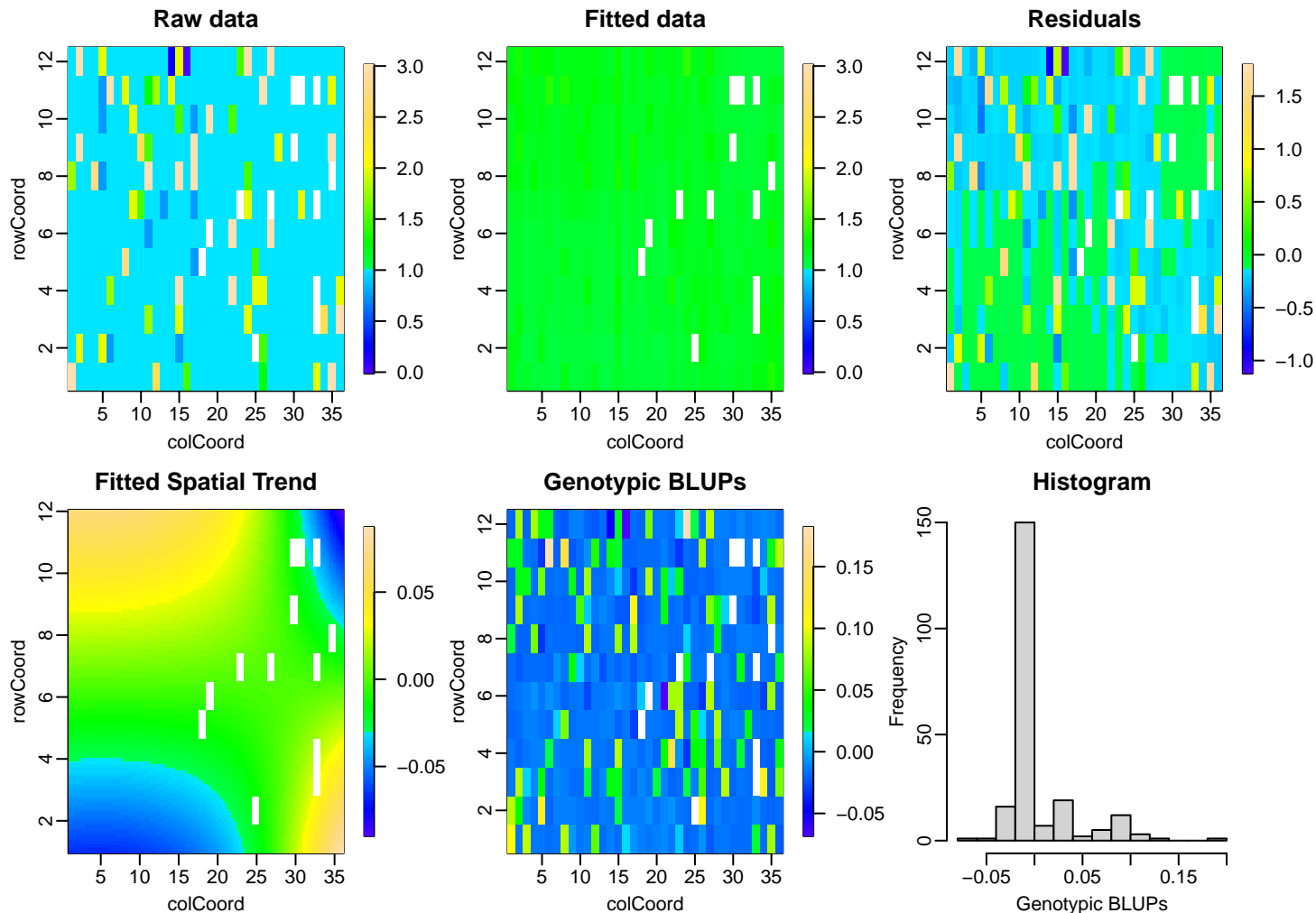
Genotypic BLUPs



Histogram

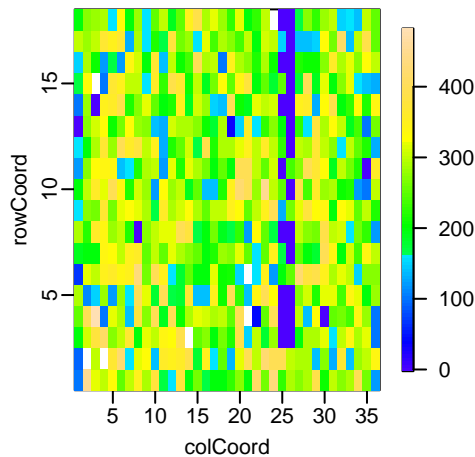


# Trait: CMD\_9mon – Trial: 2023112DMF1C\_tani

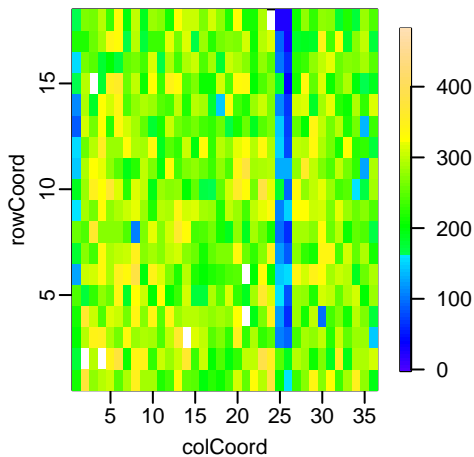


# Trait: height\_1st\_branch – Trial: 2023111DMF1C\_dona

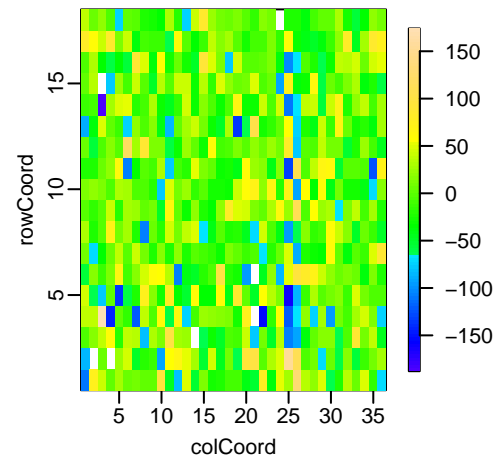
**Raw data**



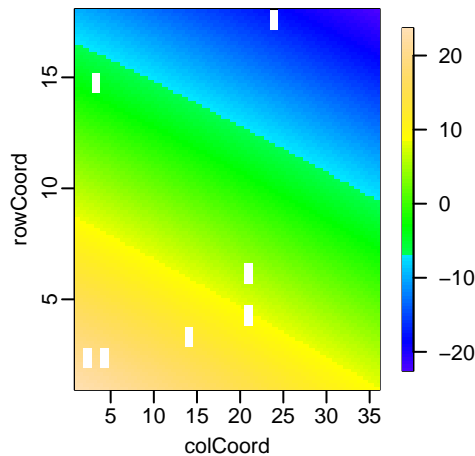
**Fitted data**



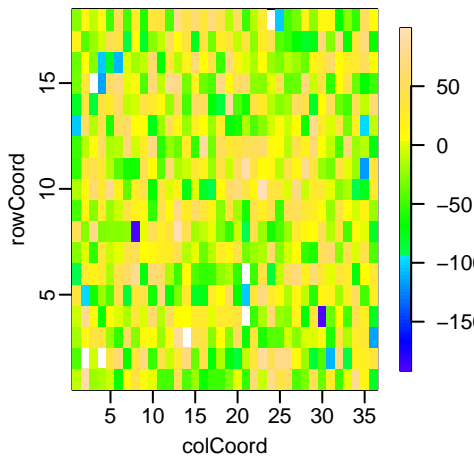
**Residuals**



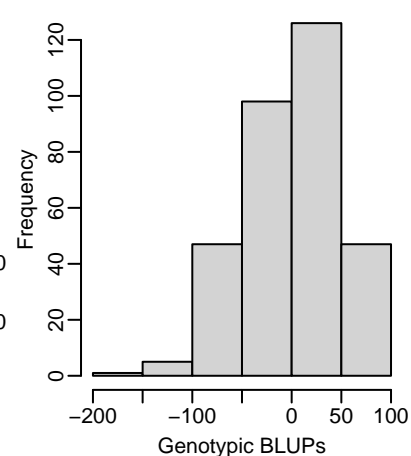
**Fitted Spatial Trend**



**Genotypic BLUPs**

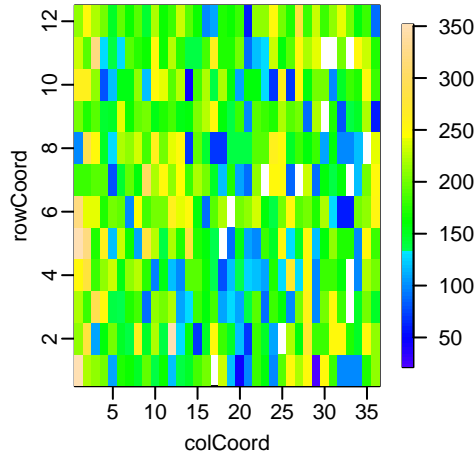


**Histogram**

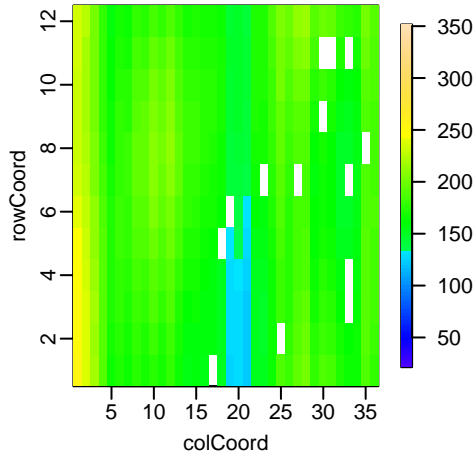


# Trait: height\_1st\_branch – Trial: 2023112DMF1C\_tani

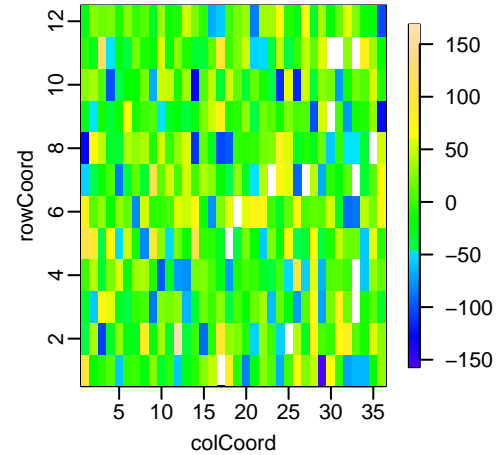
Raw data



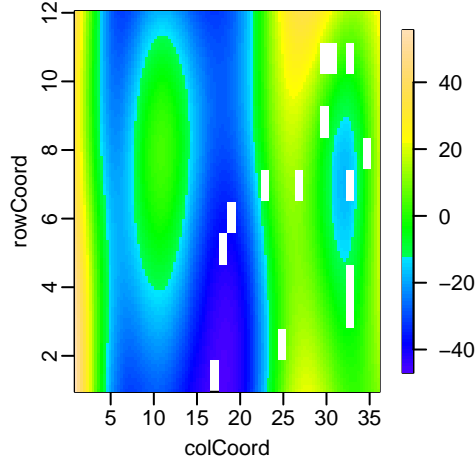
Fitted data



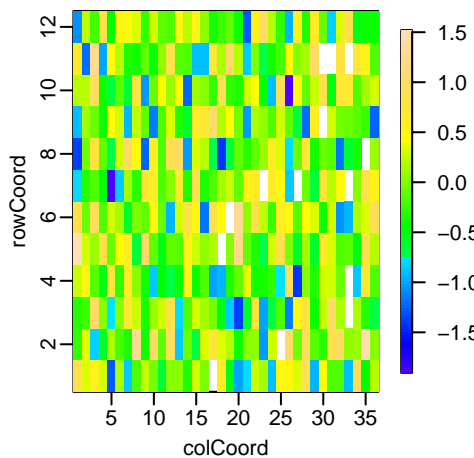
Residuals



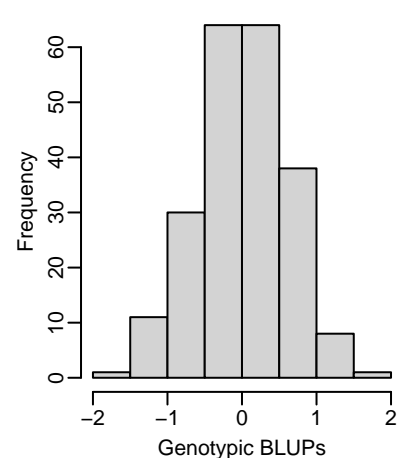
Fitted Spatial Trend



Genotypic BLUPs

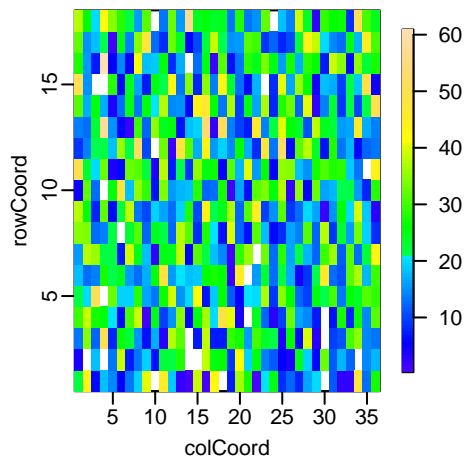


Histogram

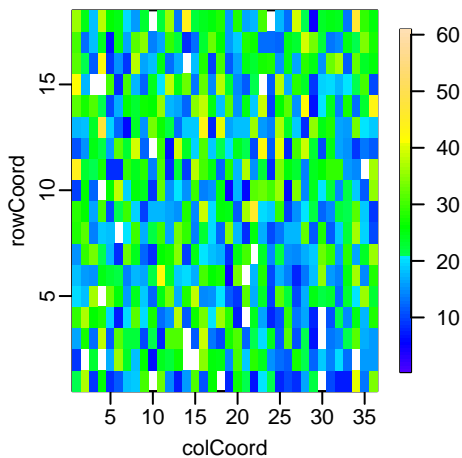


# Trait: yield\_ha – Trial: 2023111DMF1C\_dona

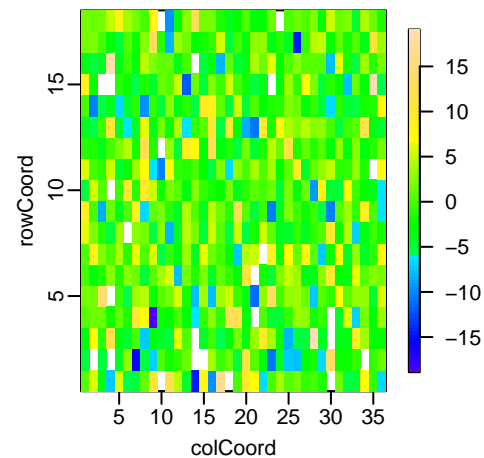
Raw data



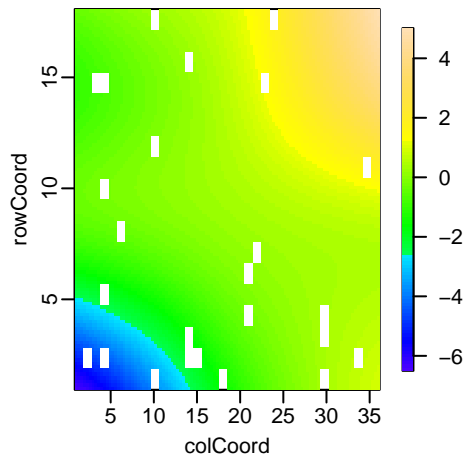
Fitted data



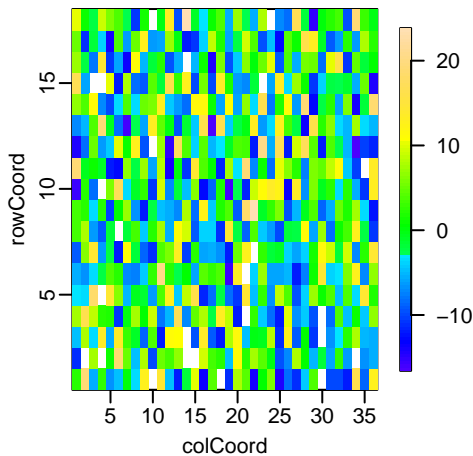
Residuals



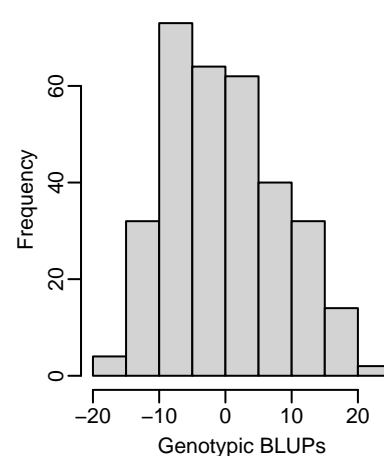
Fitted Spatial Trend



Genotypic BLUPs

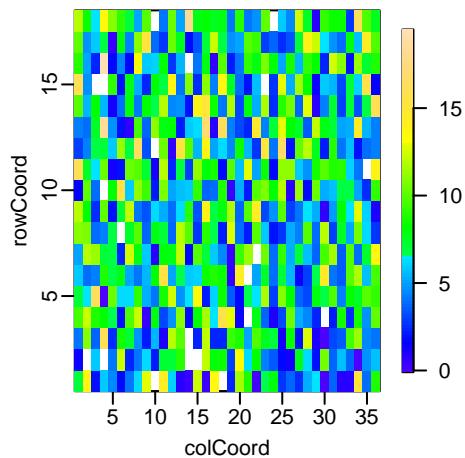


Histogram

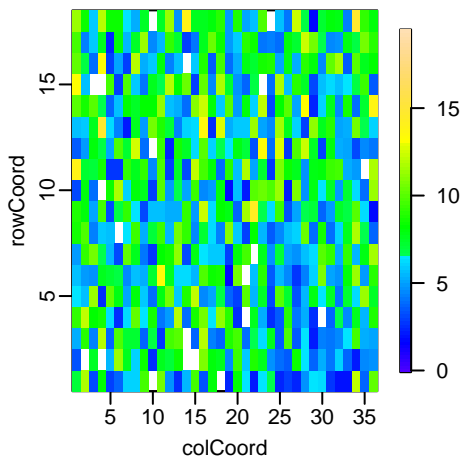


# Trait: root\_weight\_plot – Trial: 2023111DMF1C\_dona

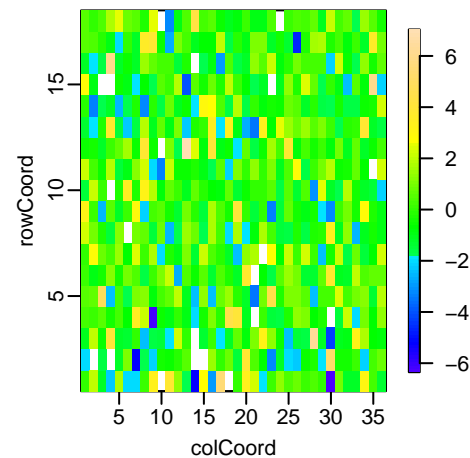
Raw data



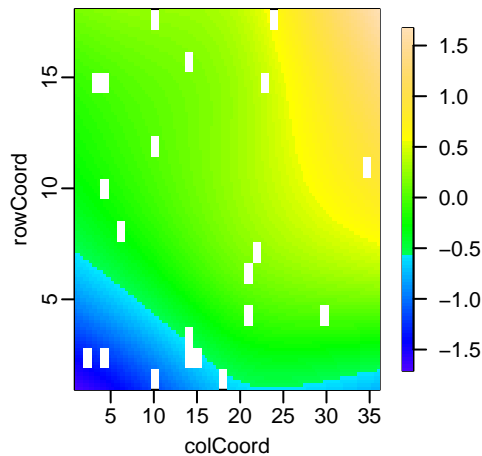
Fitted data



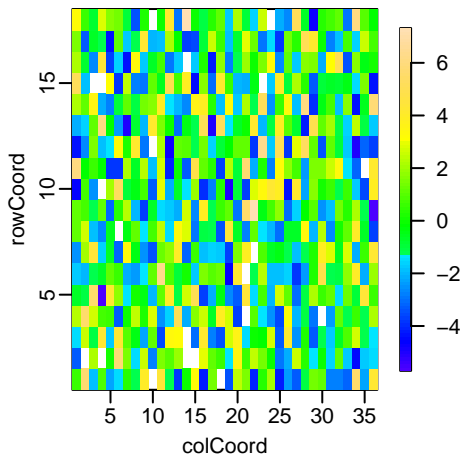
Residuals



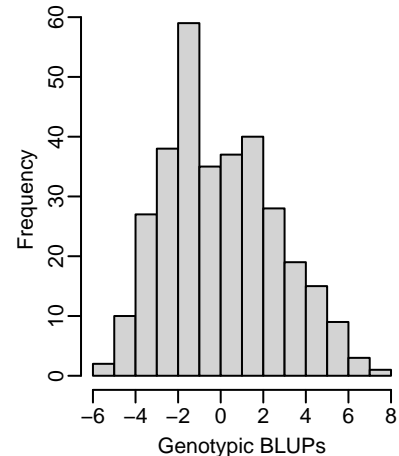
Fitted Spatial Trend



Genotypic BLUPs



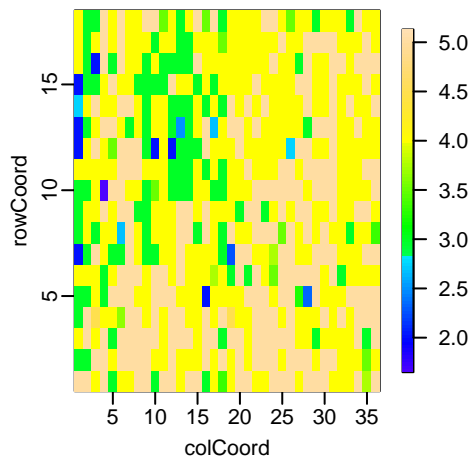
Histogram



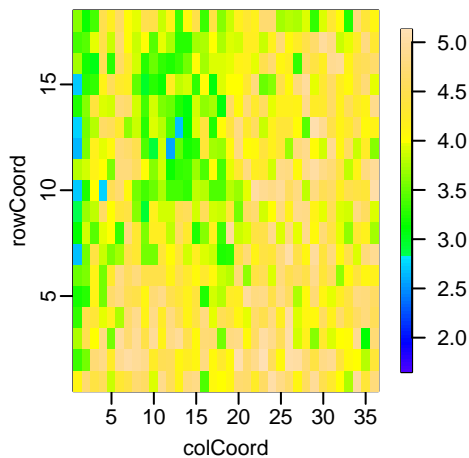


# Trait: vigor1\_5 – Trial: 2023111DMF1C\_dona

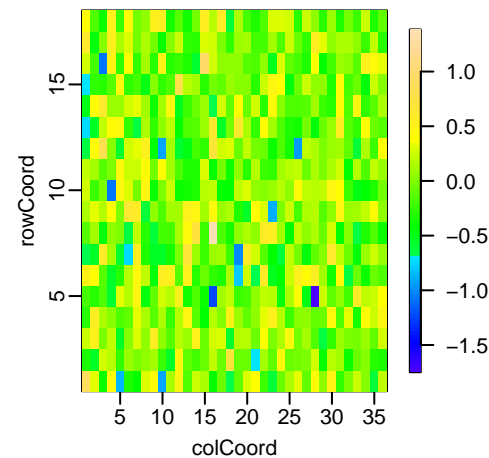
Raw data



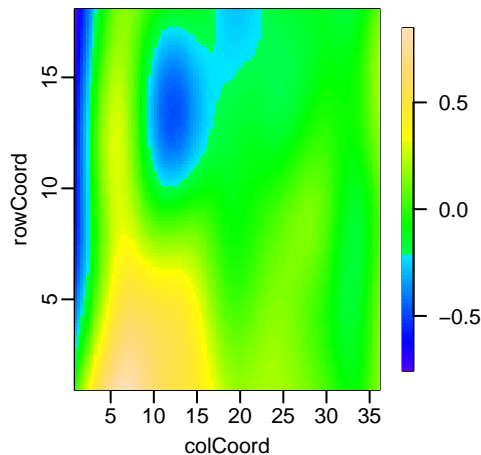
Fitted data



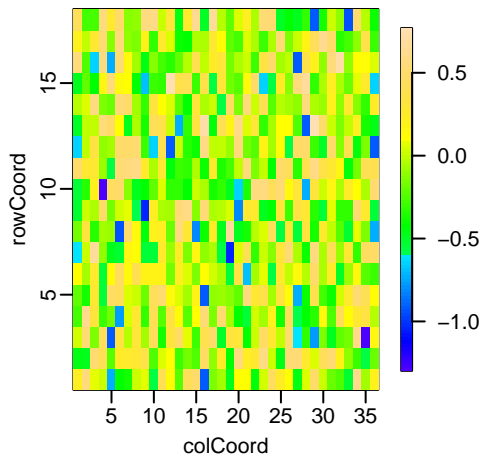
Residuals



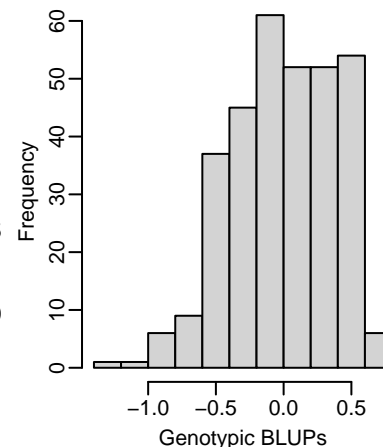
Fitted Spatial Trend



Genotypic BLUPs

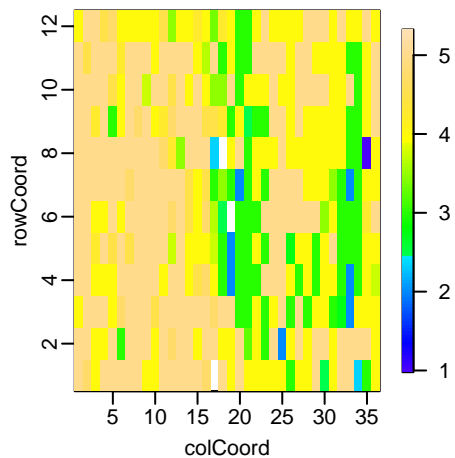


Histogram

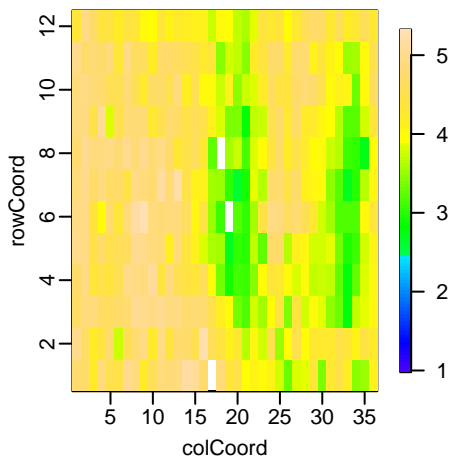


# Trait: vigor1\_5 – Trial: 2023112DMF1C\_tani

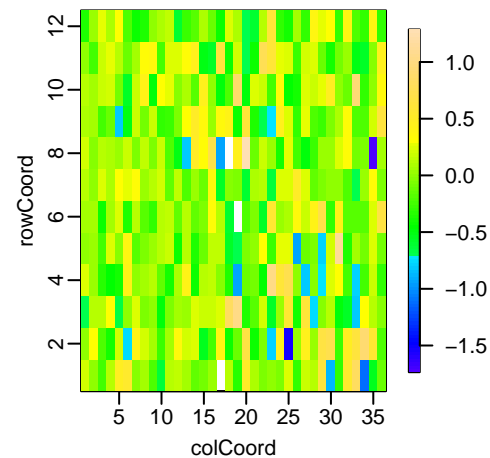
Raw data



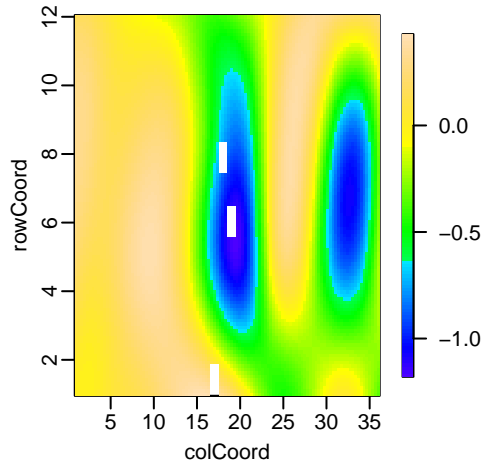
Fitted data



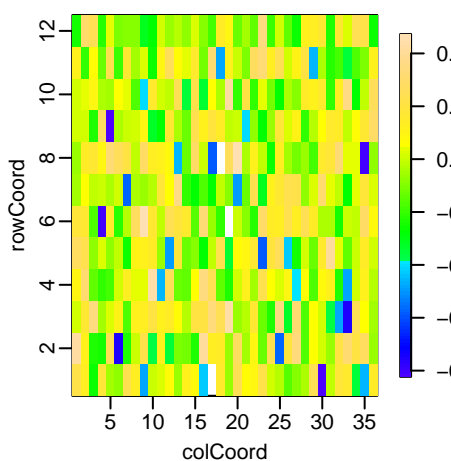
Residuals



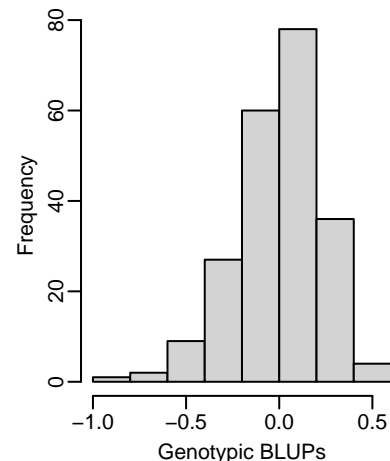
Fitted Spatial Trend



Genotypic BLUPs

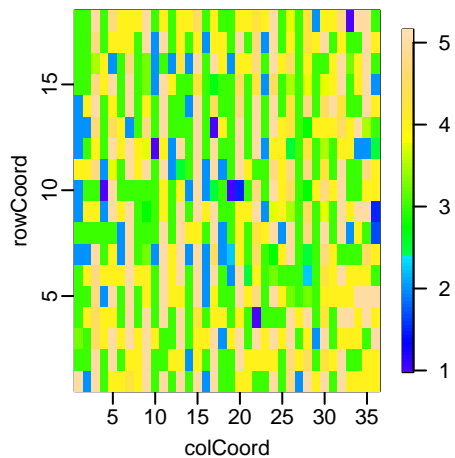


Histogram

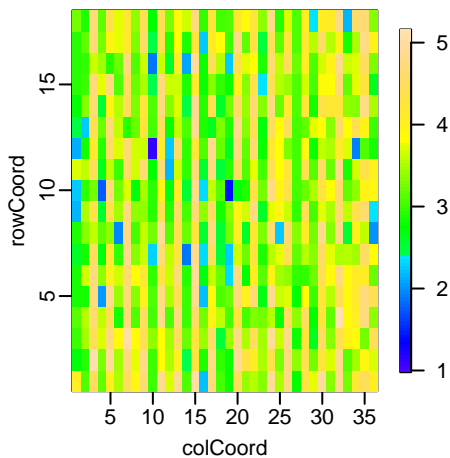


# Trait: vigor1\_5\_1mon – Trial: 2023111DMF1C\_dona

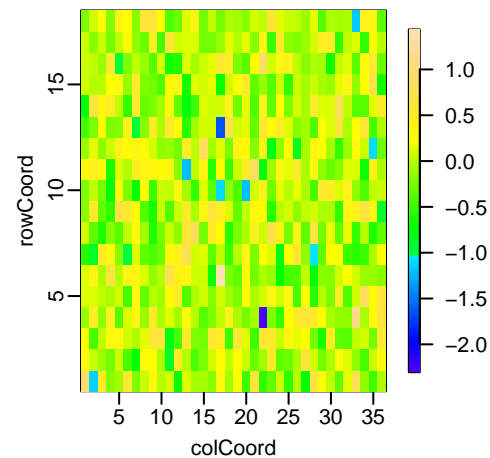
Raw data



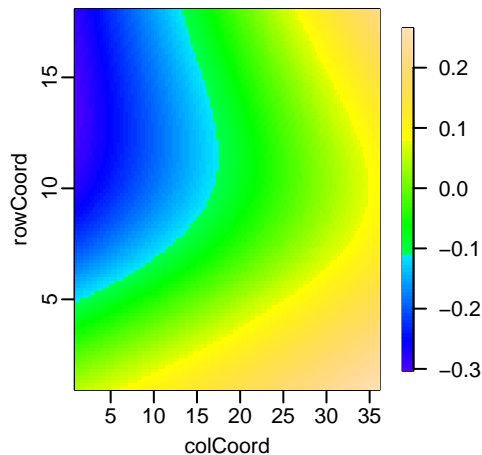
Fitted data



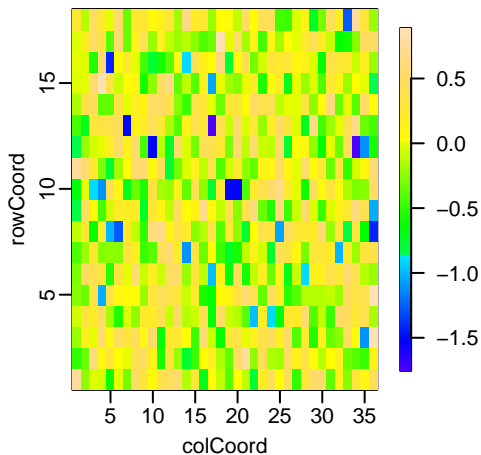
Residuals



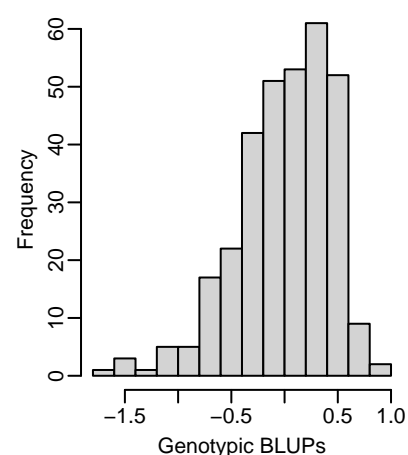
Fitted Spatial Trend



Genotypic BLUPs

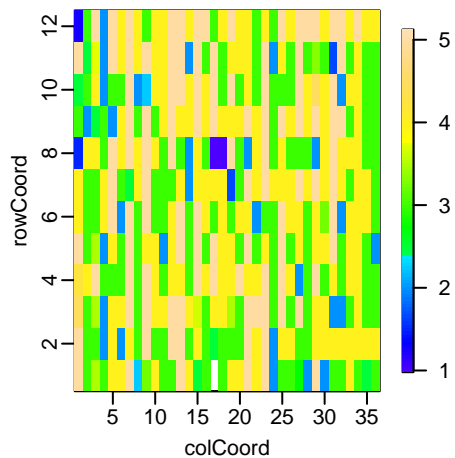


Histogram

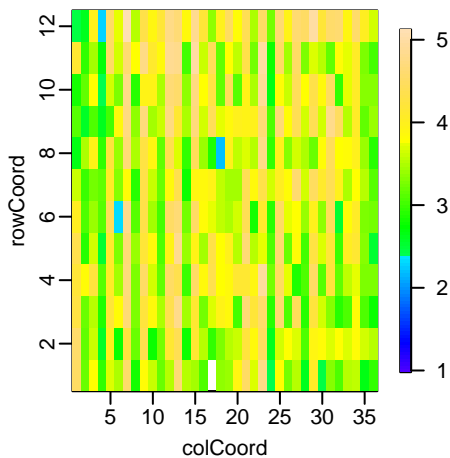


# Trait: vigor1\_5\_1mon – Trial: 2023112DMF1C\_tani

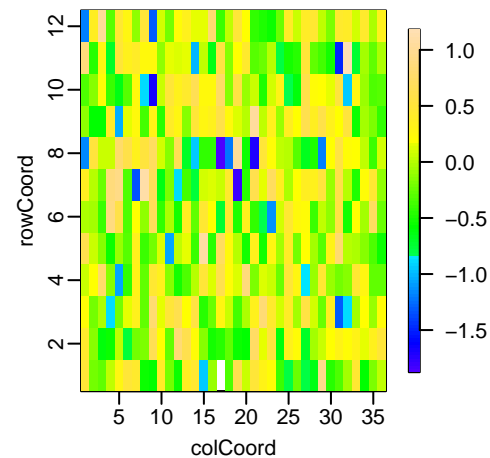
Raw data



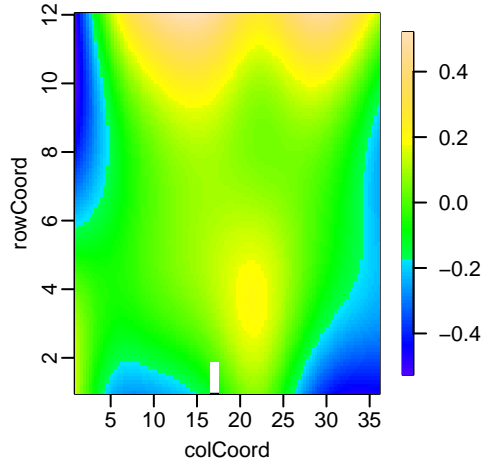
Fitted data



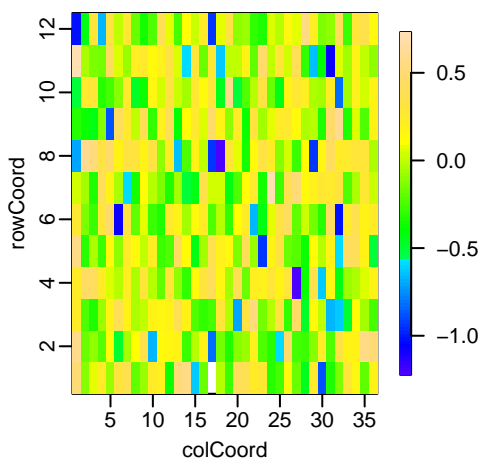
Residuals



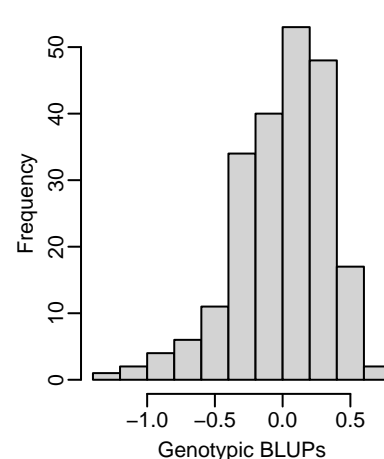
Fitted Spatial Trend



Genotypic BLUPs

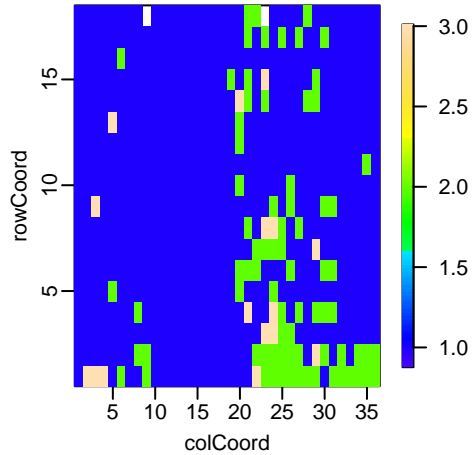


Histogram

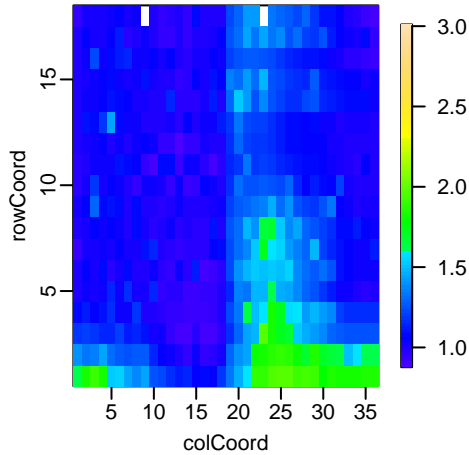


# Trait: lodging1\_3 – Trial: 2023111DMF1C\_dona

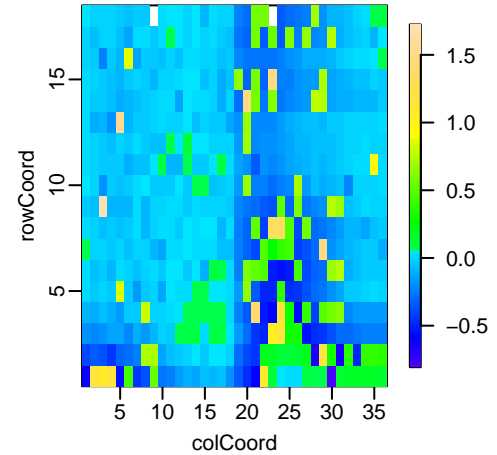
Raw data



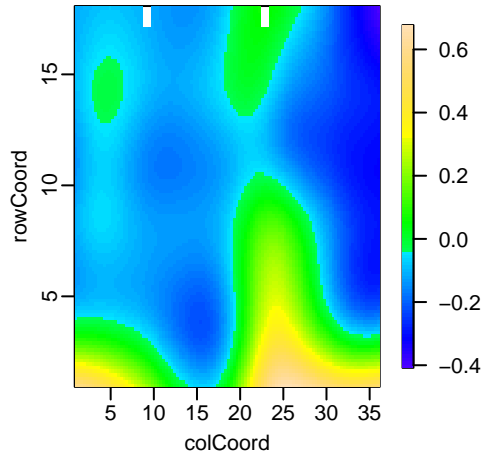
Fitted data



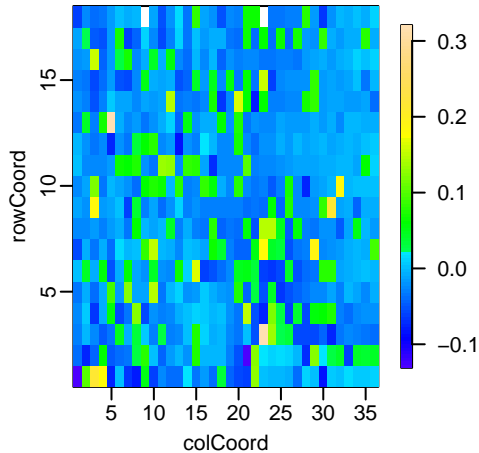
Residuals



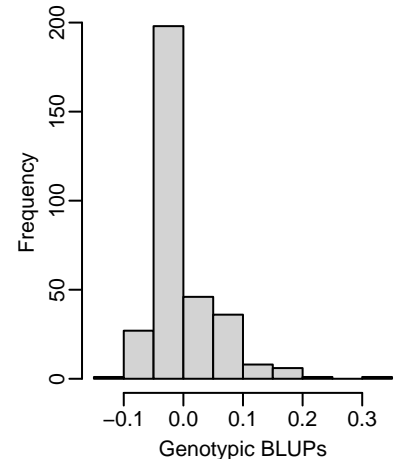
Fitted Spatial Trend



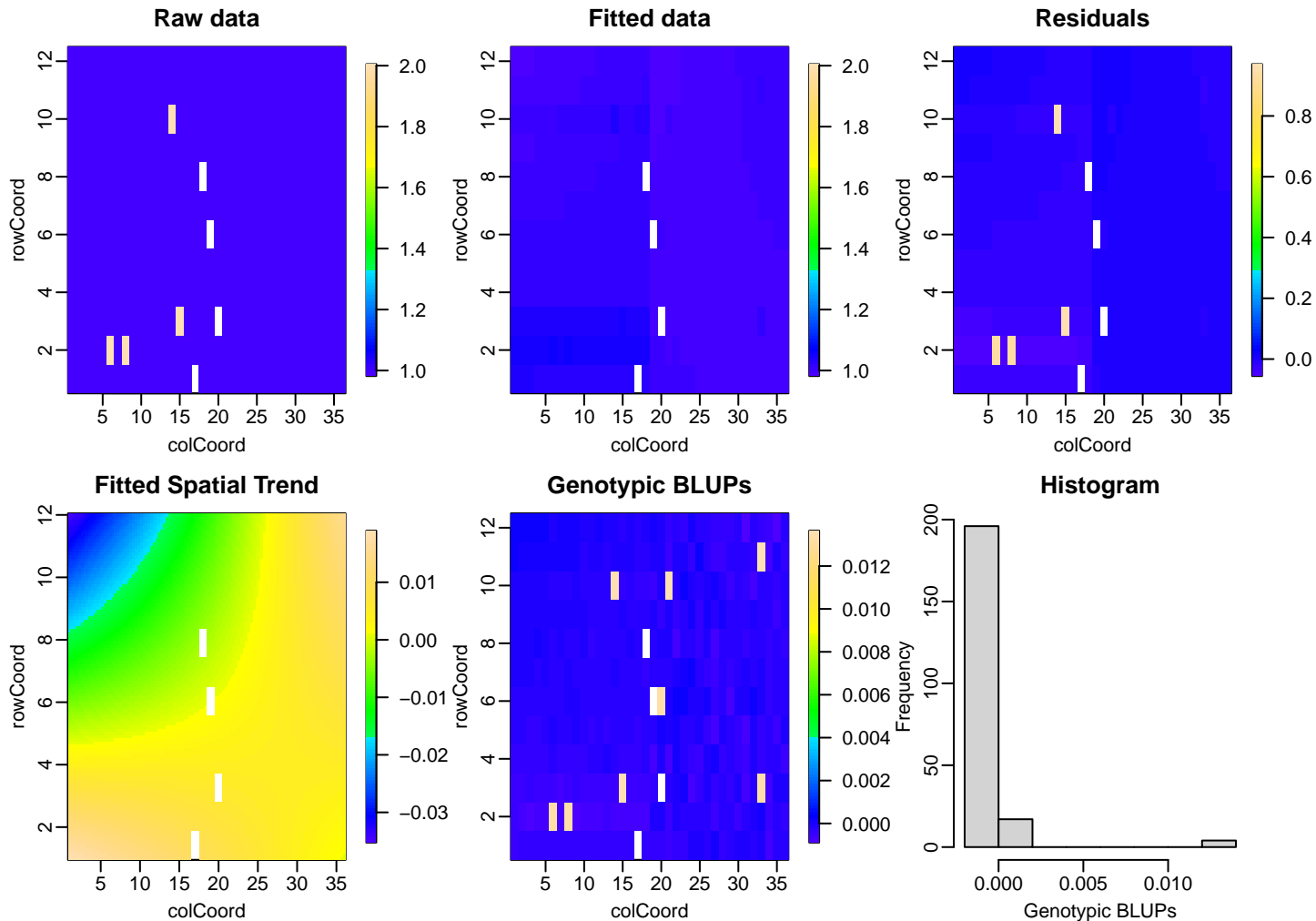
Genotypic BLUPs



Histogram

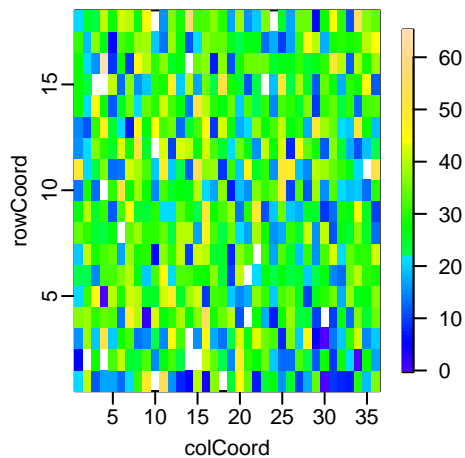


# Trait: lodging1\_3 – Trial: 2023112DMF1C\_tani

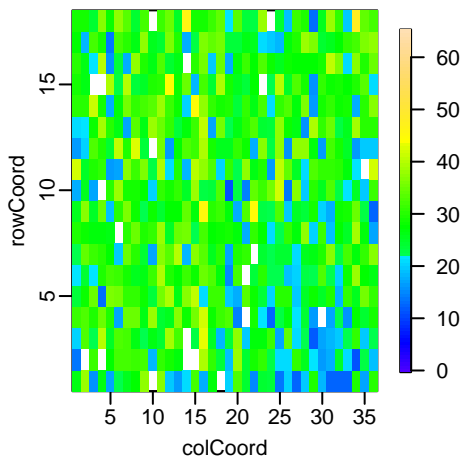


# Trait: root\_number\_commercial – Trial: 2023111DMF1C\_dona

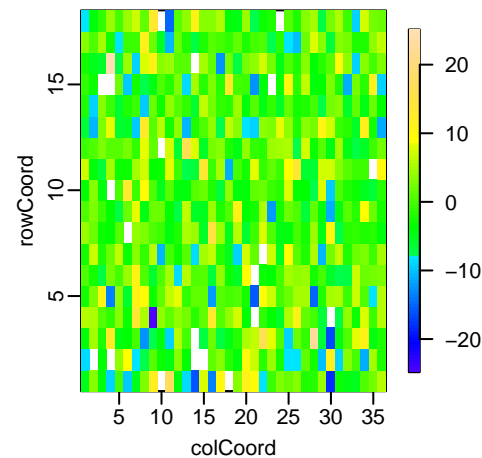
Raw data



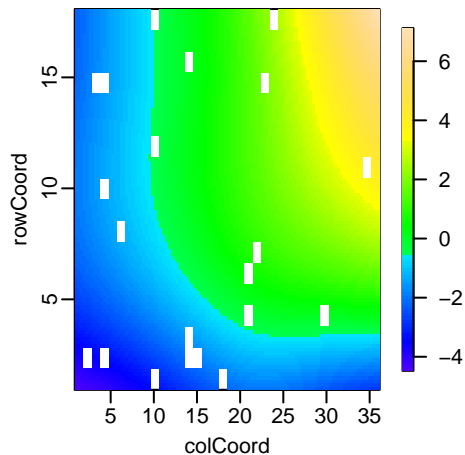
Fitted data



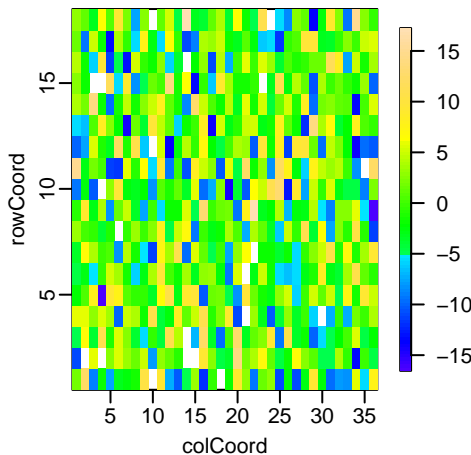
Residuals



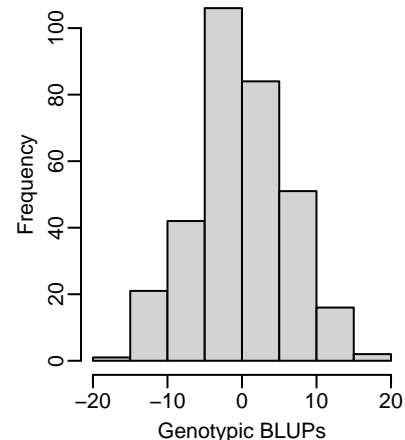
Fitted Spatial Trend



Genotypic BLUPs

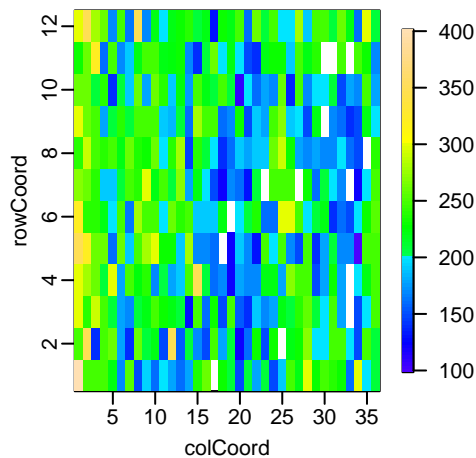


Histogram

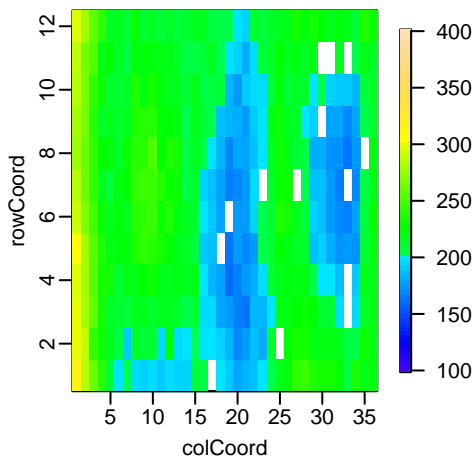


# Trait: height – Trial: 2023112DMF1C\_tani

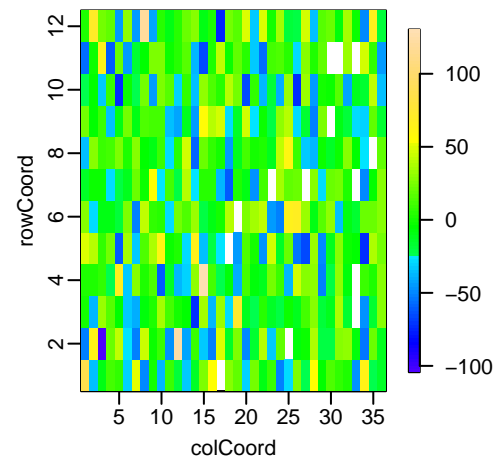
Raw data



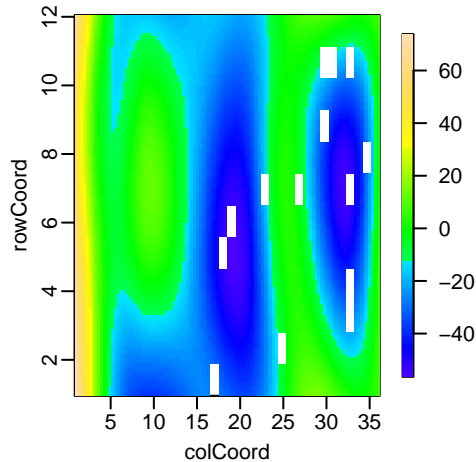
Fitted data



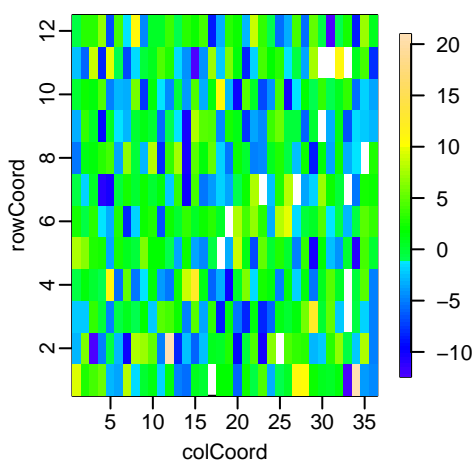
Residuals



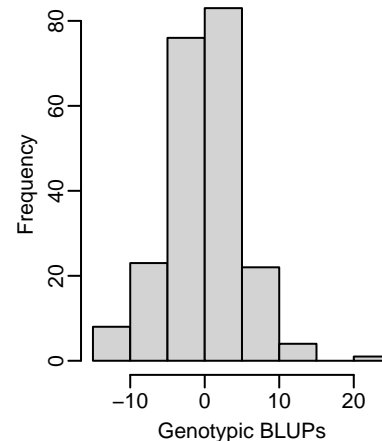
Fitted Spatial Trend



Genotypic BLUPs



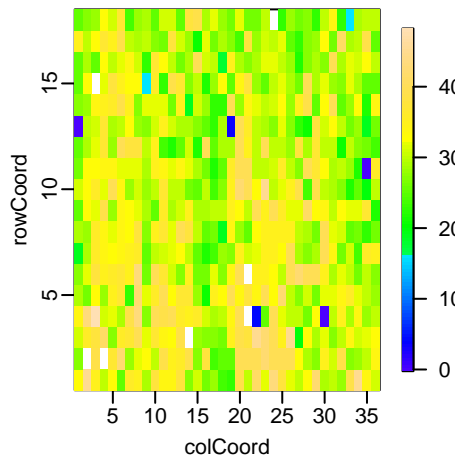
Histogram



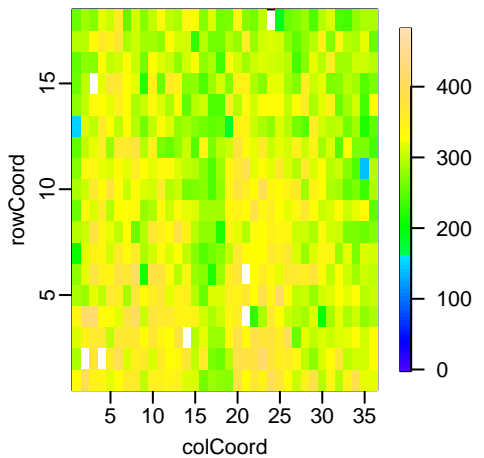


# Trait: height\_wt\_leaf – Trial: 2023111DMF1C\_dona

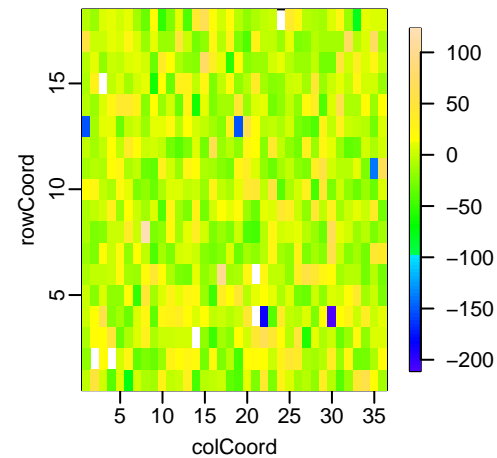
Raw data



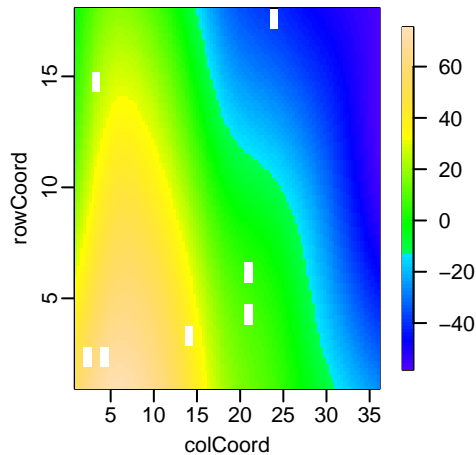
Fitted data



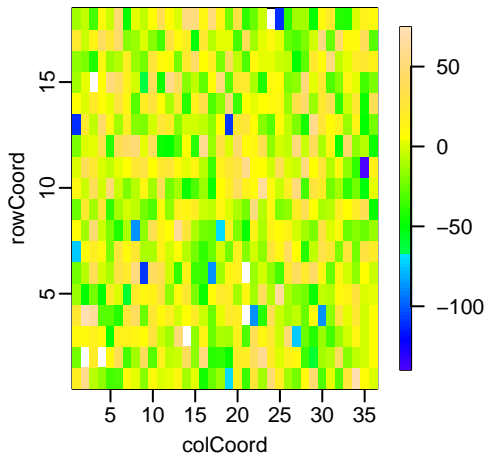
Residuals



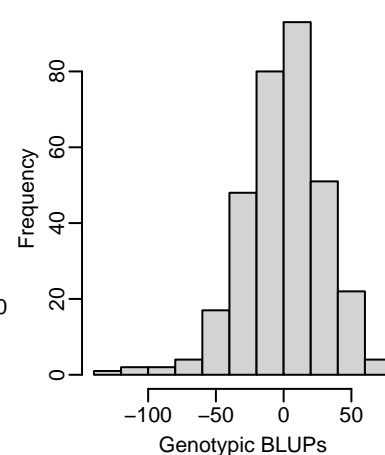
Fitted Spatial Trend



Genotypic BLUPs

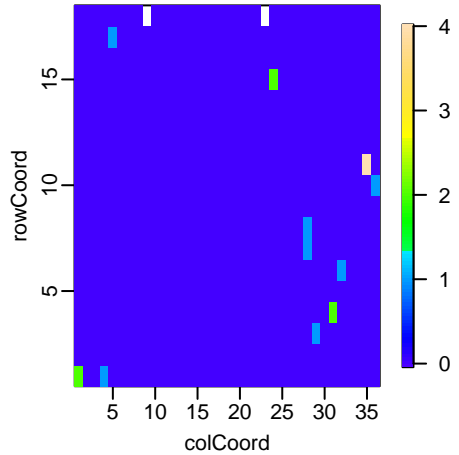


Histogram

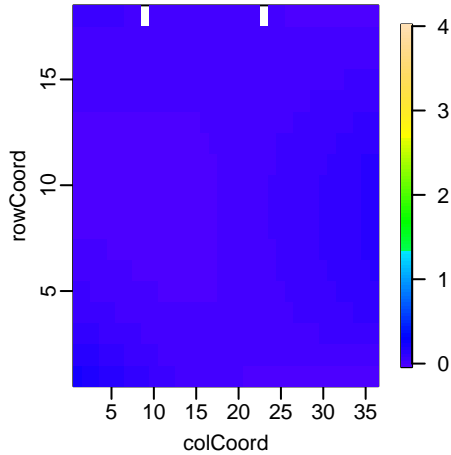


# Trait: root\_number – Trial: 2023111DMF1C\_dona

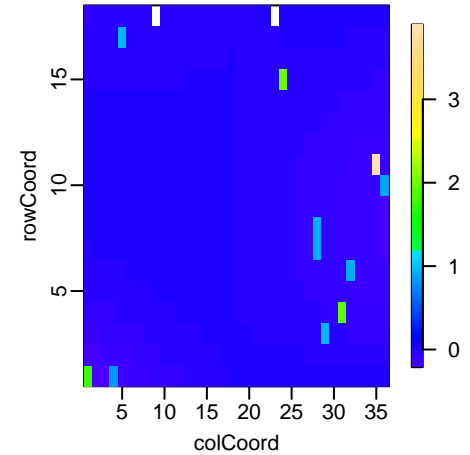
## Raw data



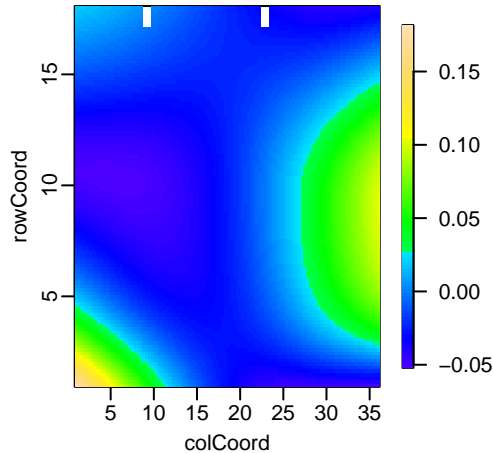
## Fitted data



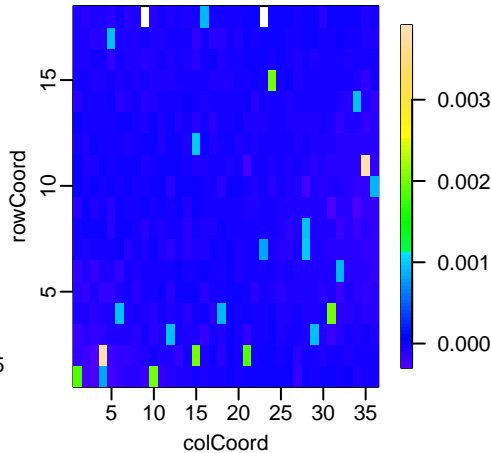
## Residuals



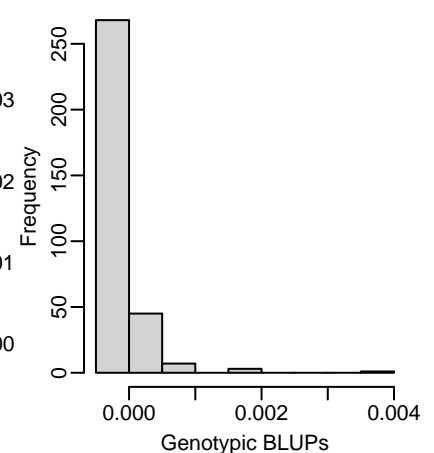
## Fitted Spatial Trend



## Genotypic BLUPs

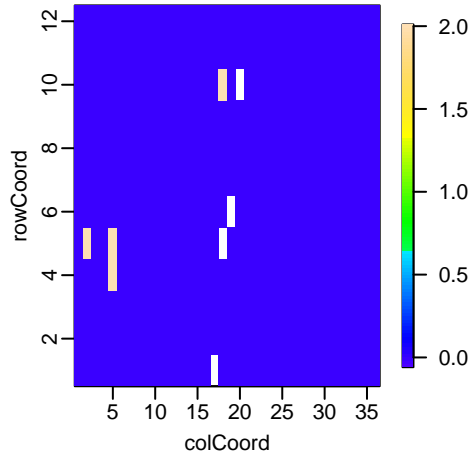


## Histogram

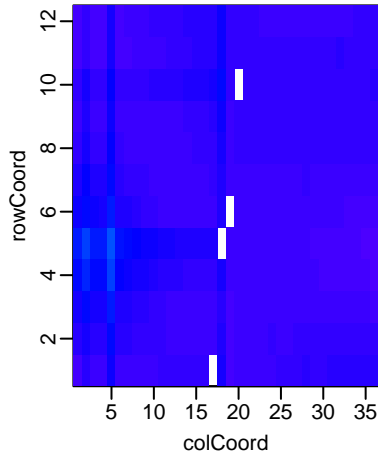


# Trait: root\_number – Trial: 2023112DMF1C\_tani

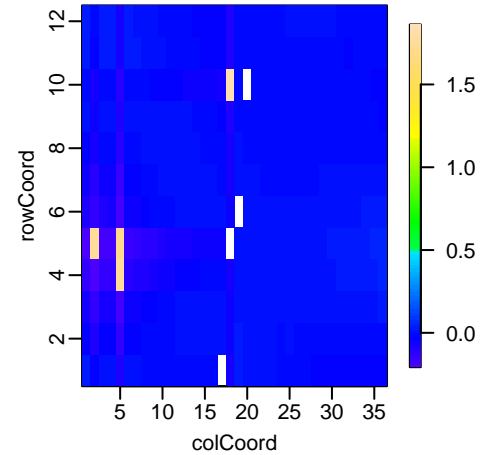
Raw data



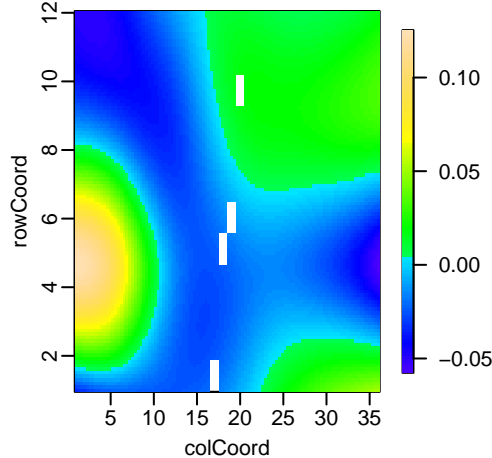
Fitted data



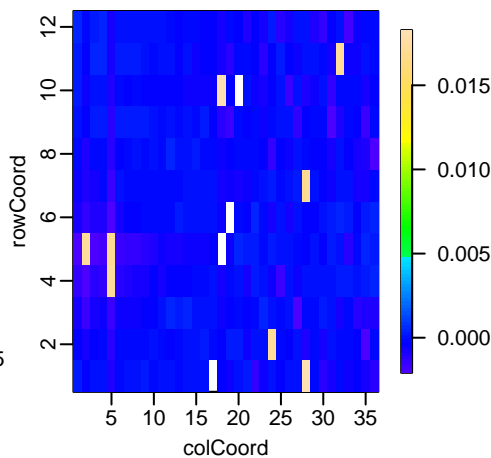
Residuals



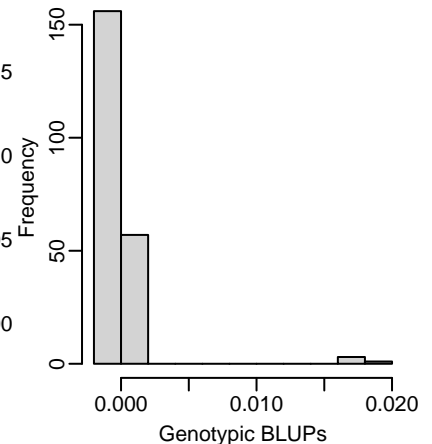
Fitted Spatial Trend



Genotypic BLUPs

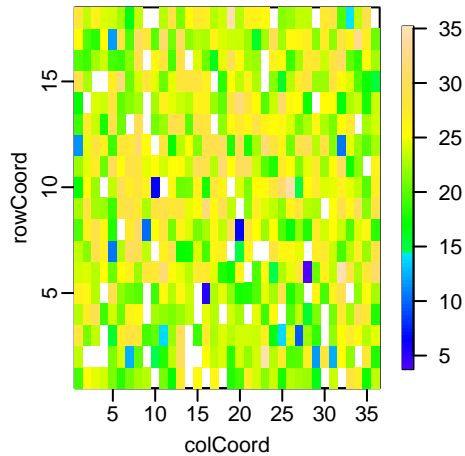


Histogram

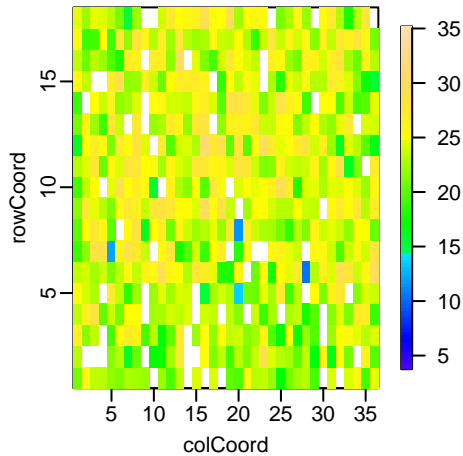


# Trait: starch\_content – Trial: 2023111DMF1C\_dona

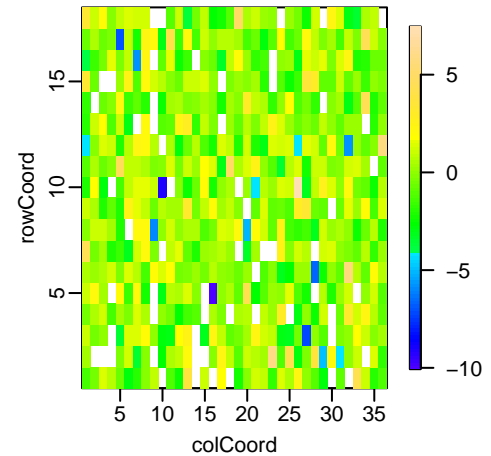
Raw data



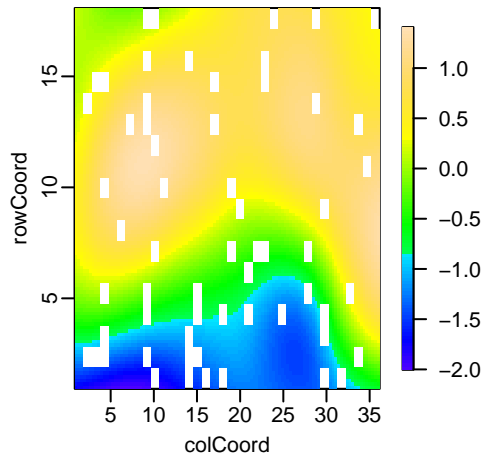
Fitted data



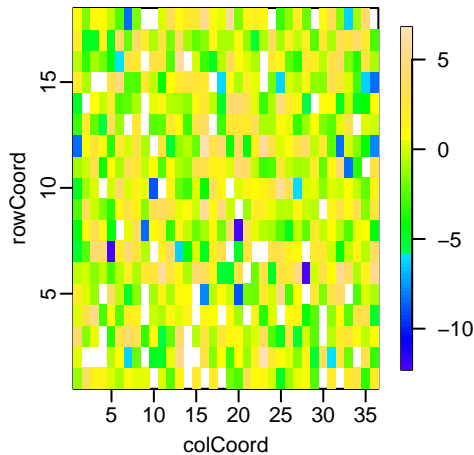
Residuals



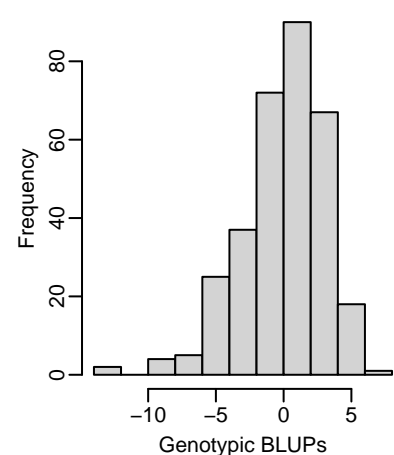
Fitted Spatial Trend



Genotypic BLUPs

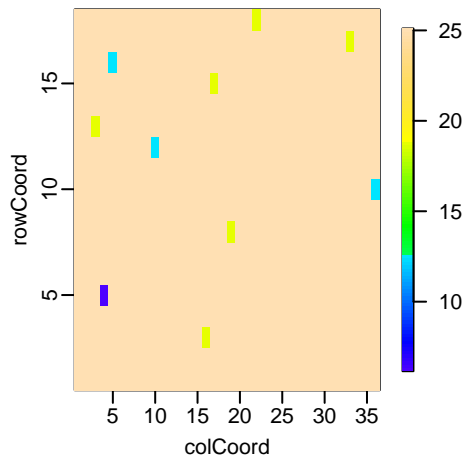


Histogram

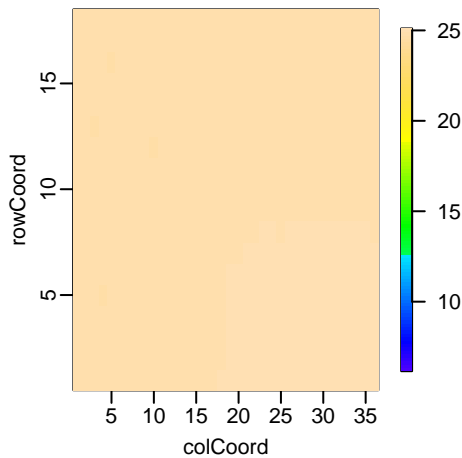


# Trait: germination\_perc – Trial: 2023111DMF1C\_dona

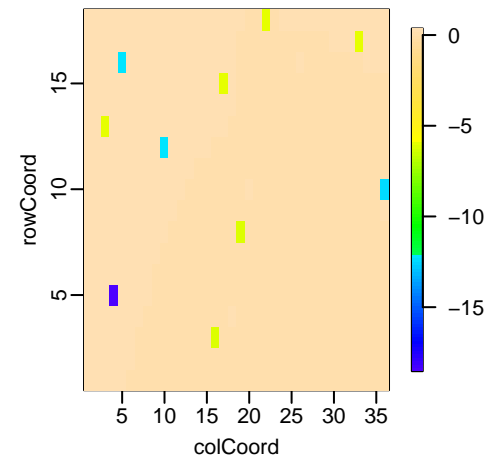
Raw data



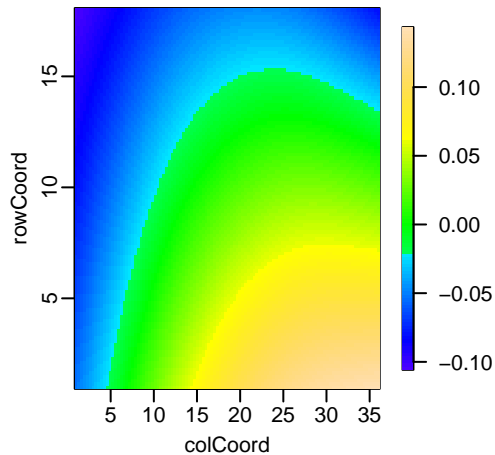
Fitted data



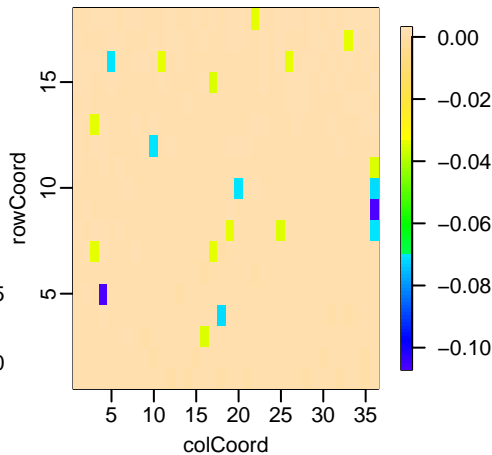
Residuals



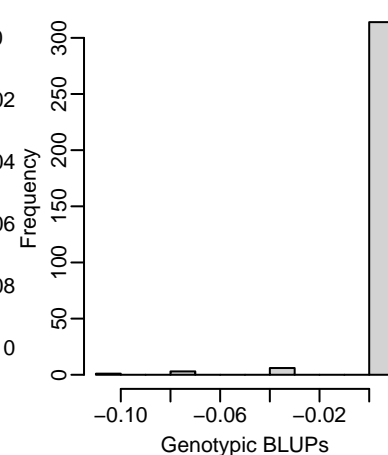
Fitted Spatial Trend



Genotypic BLUPs

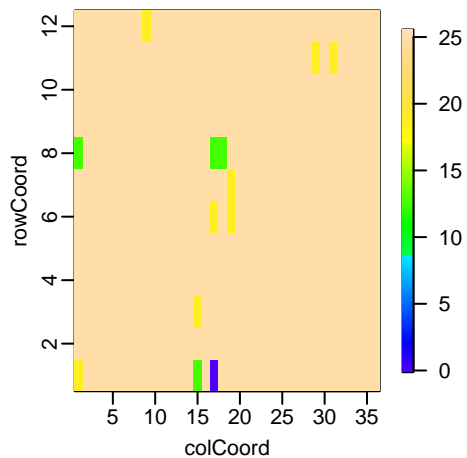


Histogram

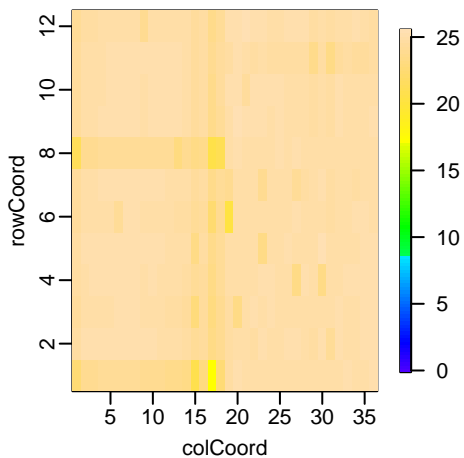


# Trait: germination\_perc – Trial: 2023112DMF1C\_tani

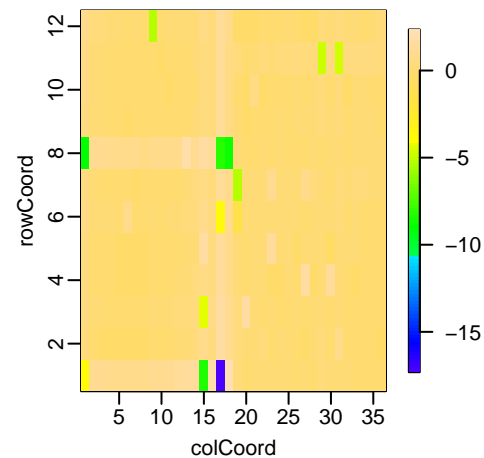
Raw data



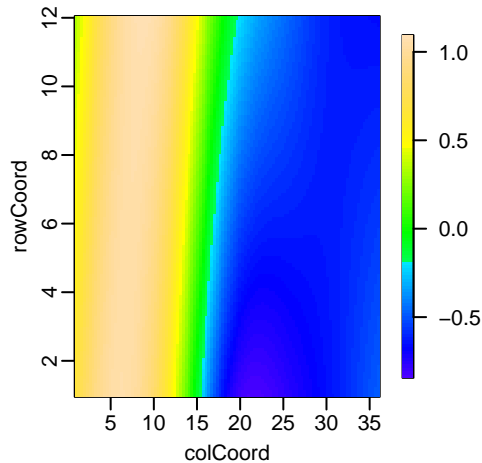
Fitted data



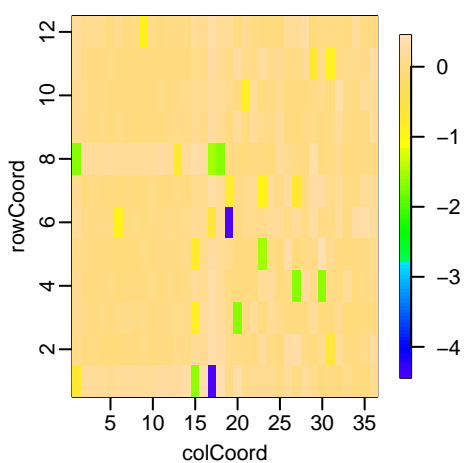
Residuals



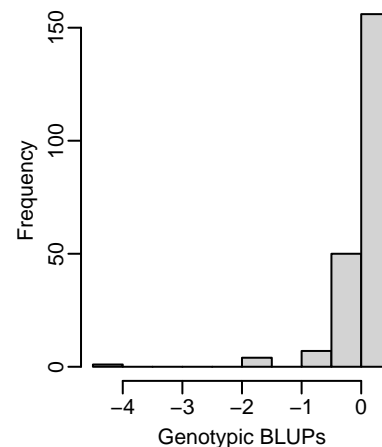
Fitted Spatial Trend



Genotypic BLUPs

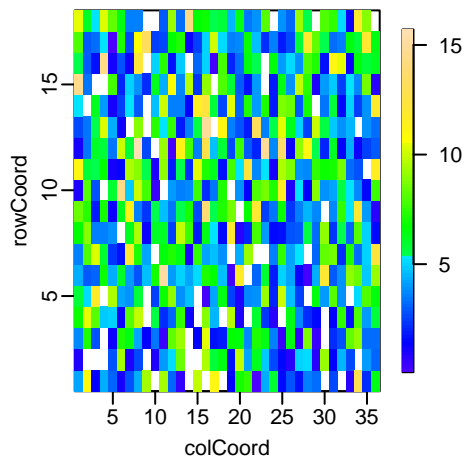


Histogram

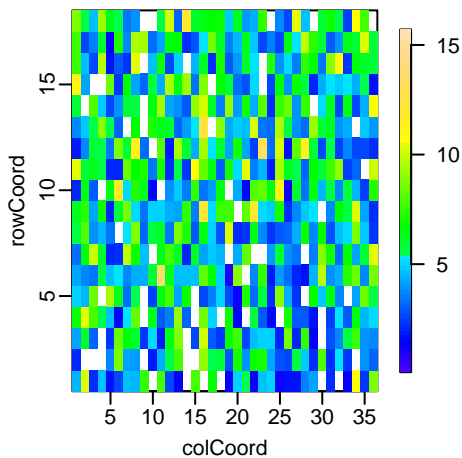


# Trait: starch\_yield\_ha – Trial: 2023111DMF1C\_dona

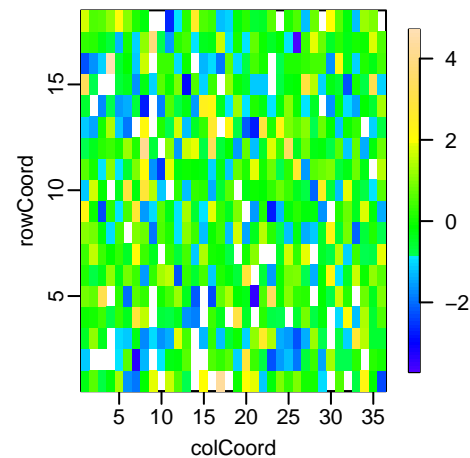
Raw data



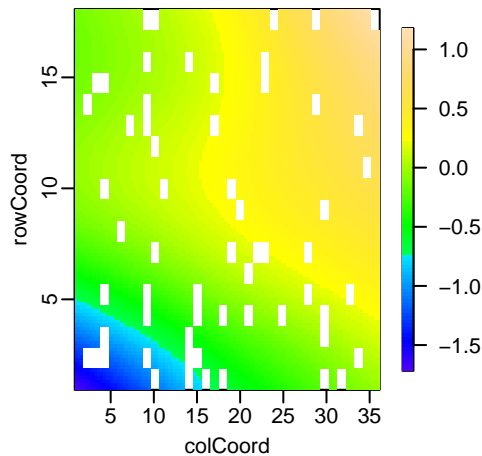
Fitted data



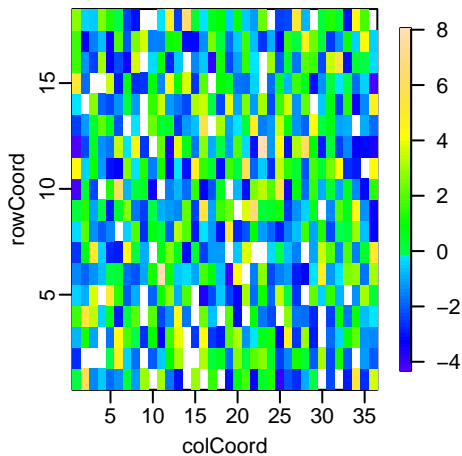
Residuals



Fitted Spatial Trend



Genotypic BLUPs



Histogram

