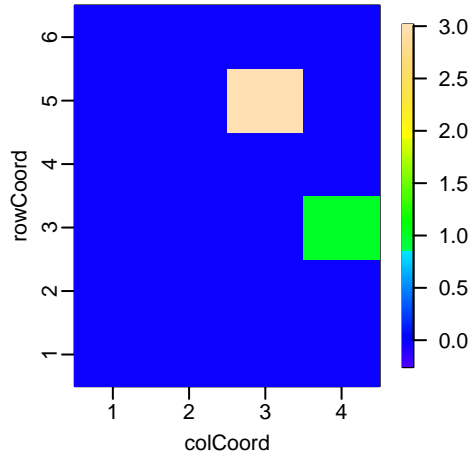
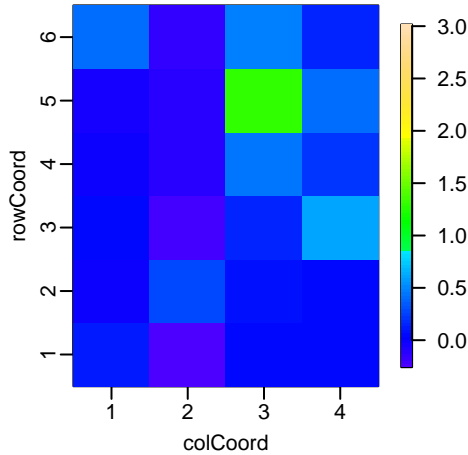


Trait: CMD_infect_plants – Trial: 2022126DMAYT_cham

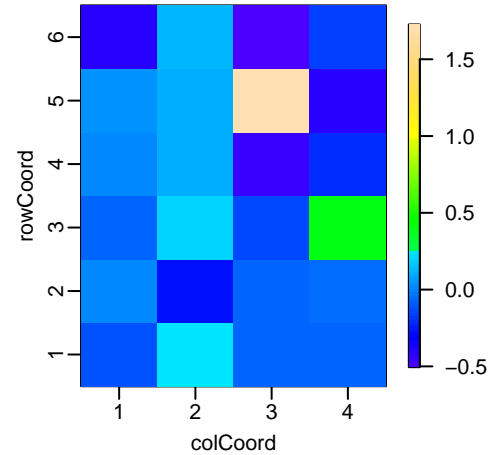
Raw data



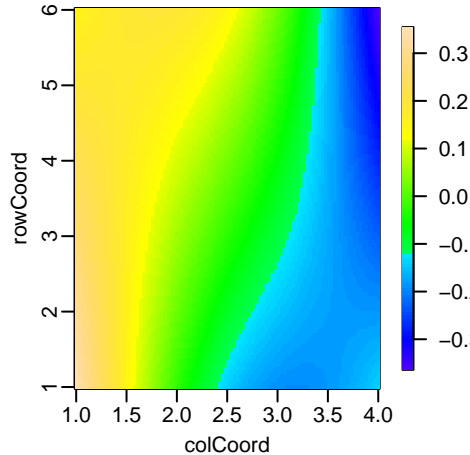
Fitted data



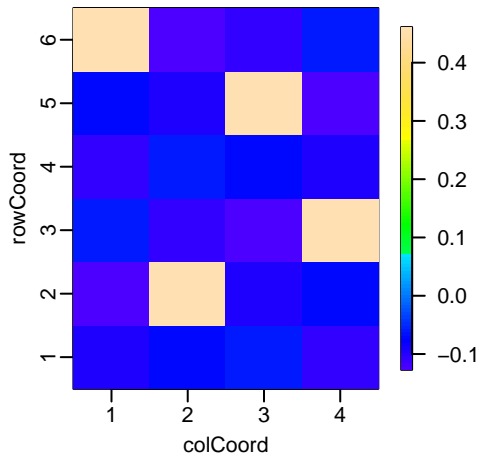
Residuals



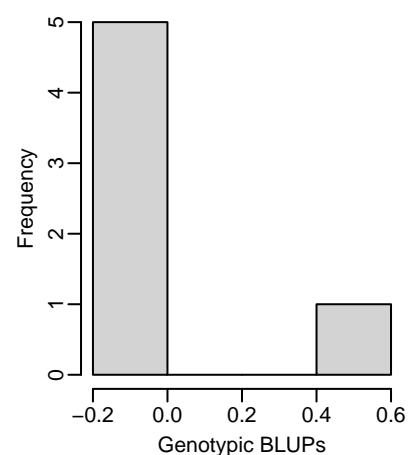
Fitted Spatial Trend



Genotypic BLUPs

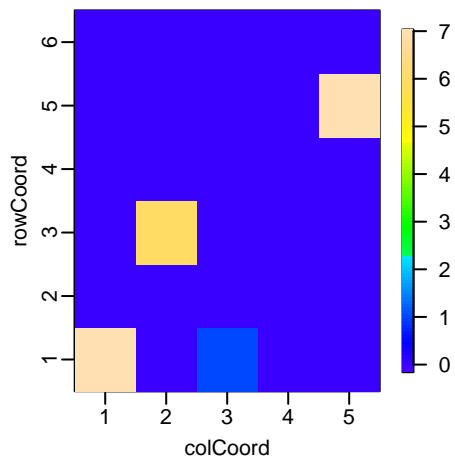


Histogram

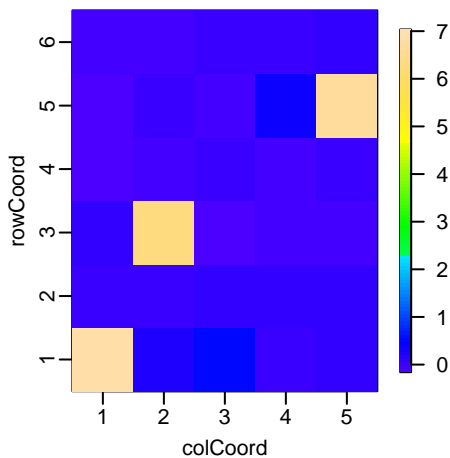


Trait: CMD_infect_plants – Trial: 2023127DMEPR_cham

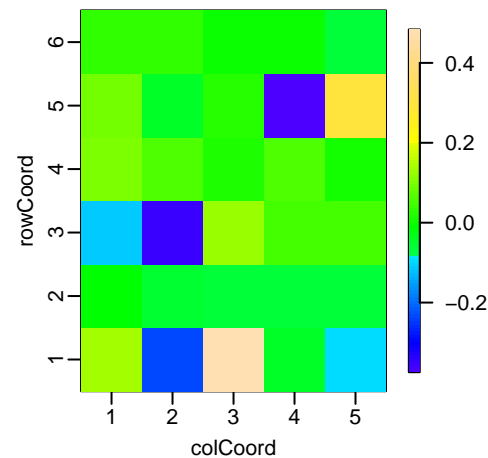
Raw data



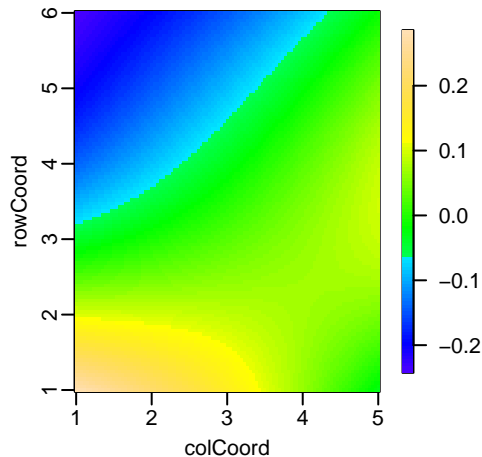
Fitted data



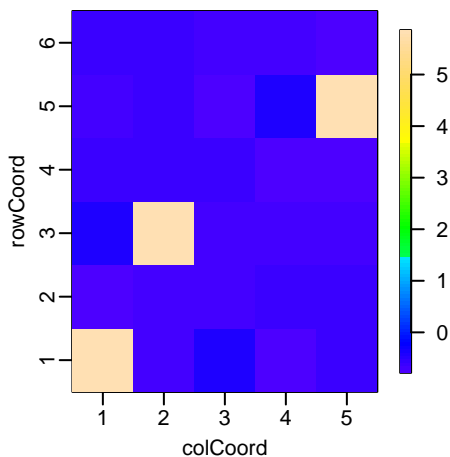
Residuals



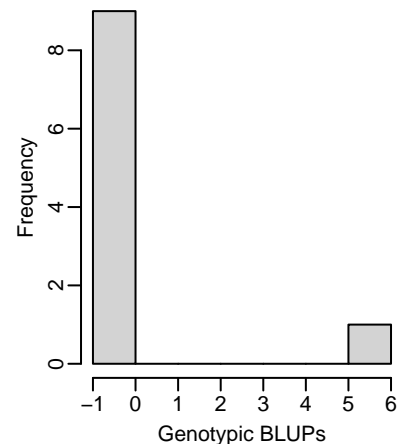
Fitted Spatial Trend



Genotypic BLUPs

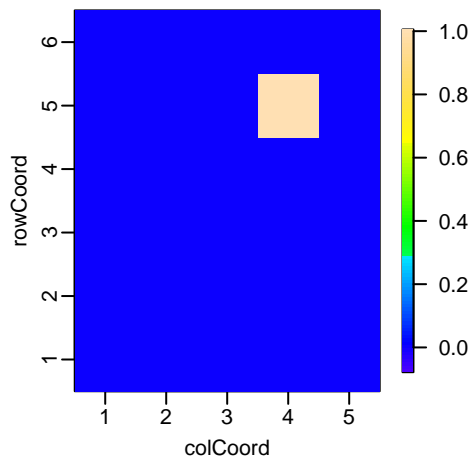


Histogram

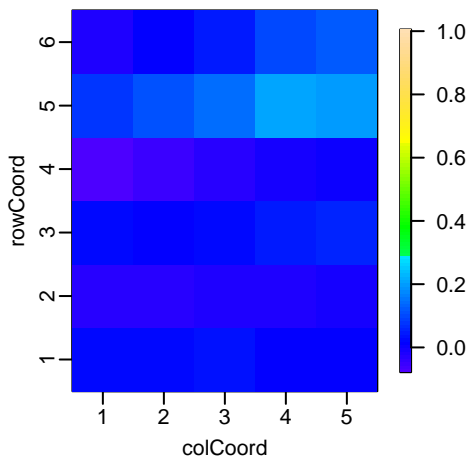


Trait: CMD_infect_plants – Trial: 2023128DMEPR_bant

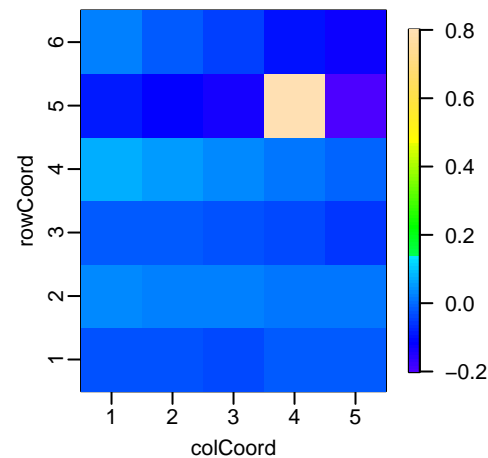
Raw data



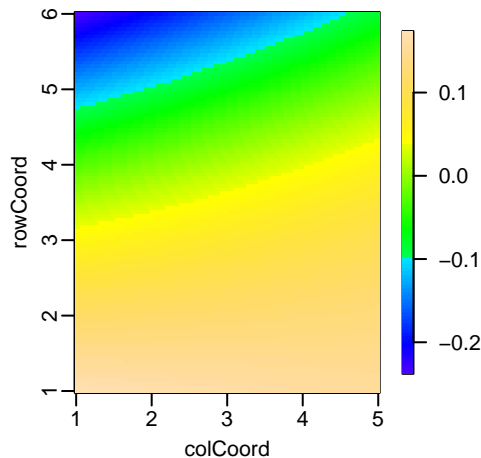
Fitted data



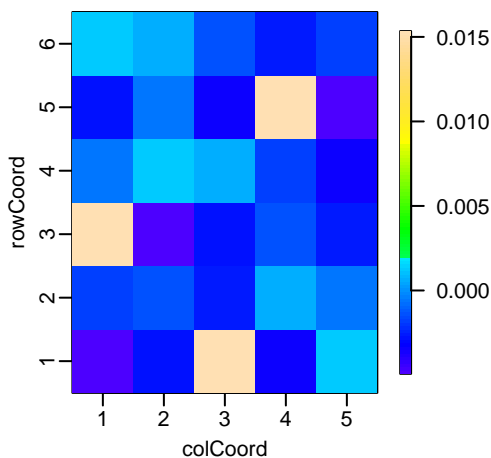
Residuals



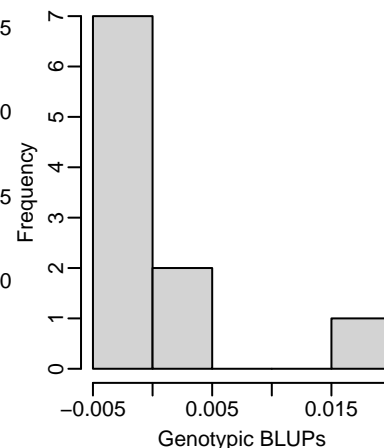
Fitted Spatial Trend



Genotypic BLUPs

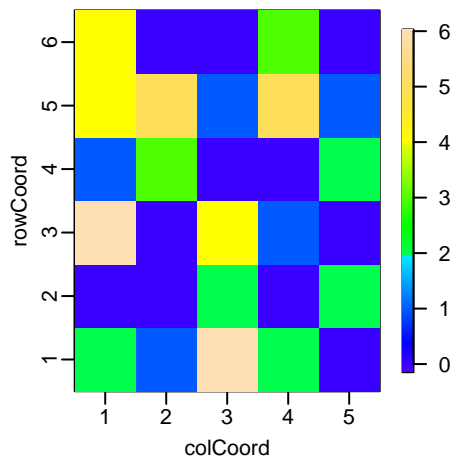


Histogram

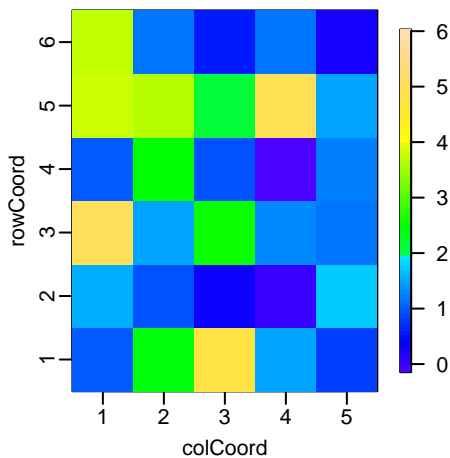


Trait: CMD_infect_plants – Trial: 2023130DMEPR_anlo

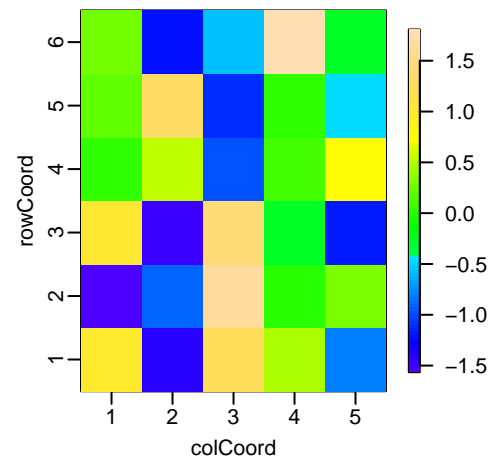
Raw data



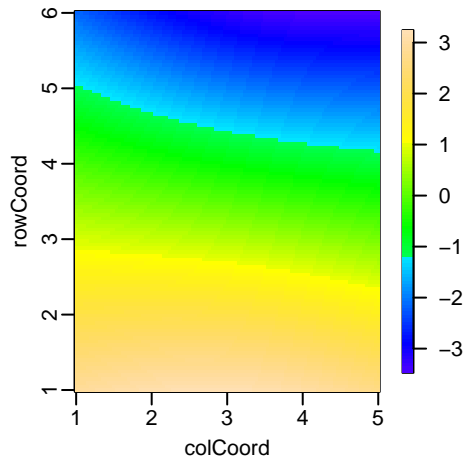
Fitted data



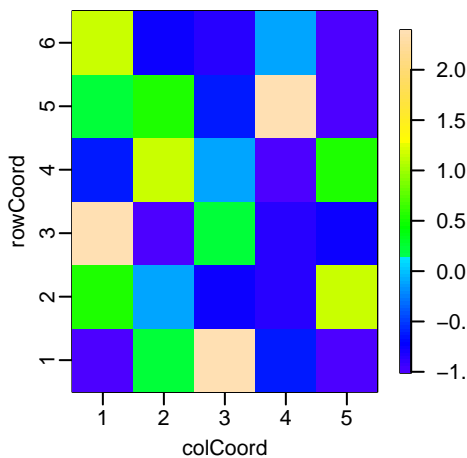
Residuals



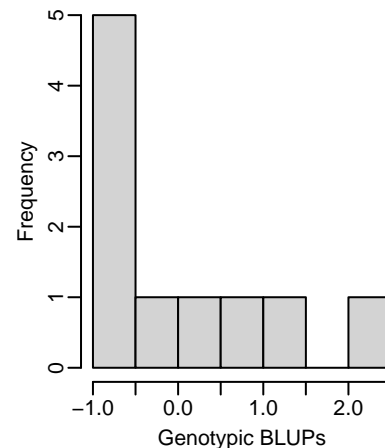
Fitted Spatial Trend



Genotypic BLUPs

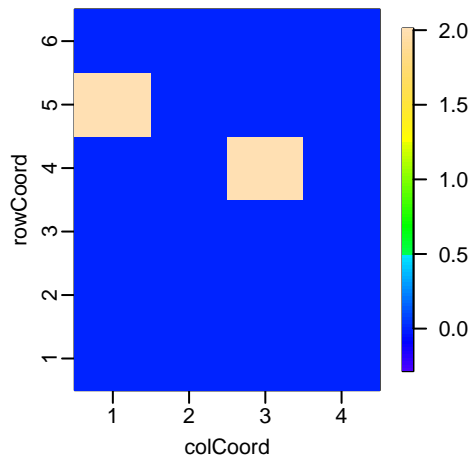


Histogram

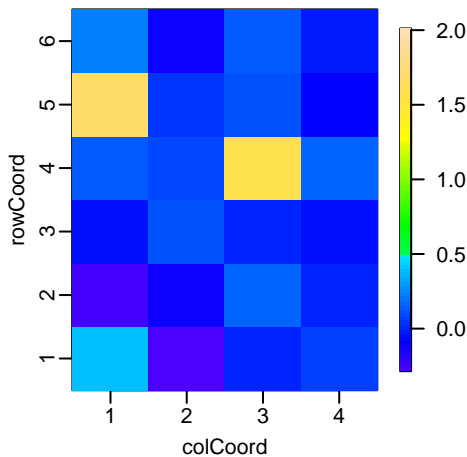


Trait: CMD_infect_plants – Trial: 2023131DMEPR_stun

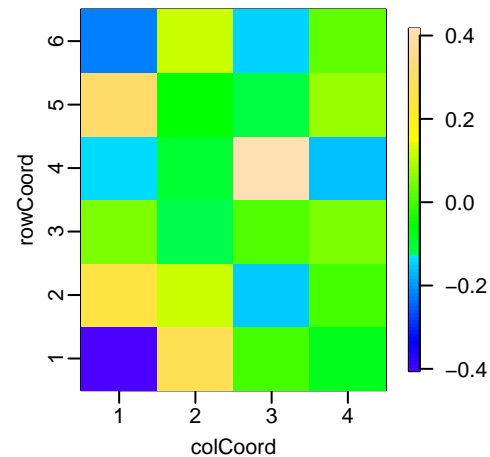
Raw data



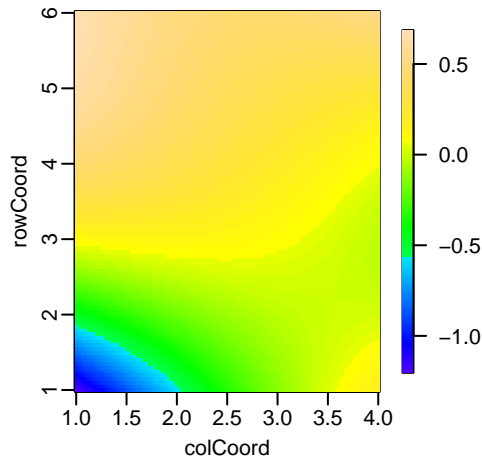
Fitted data



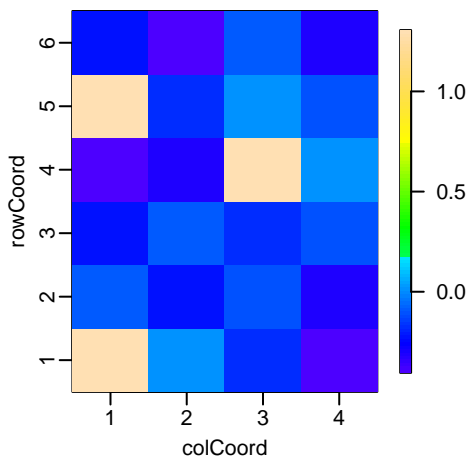
Residuals



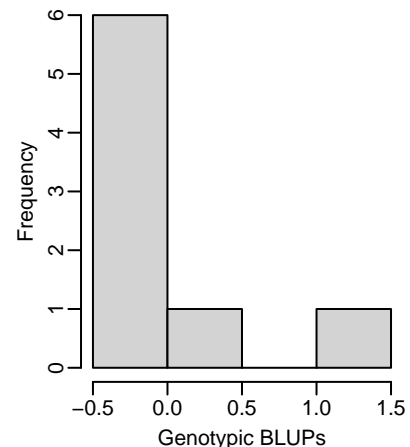
Fitted Spatial Trend



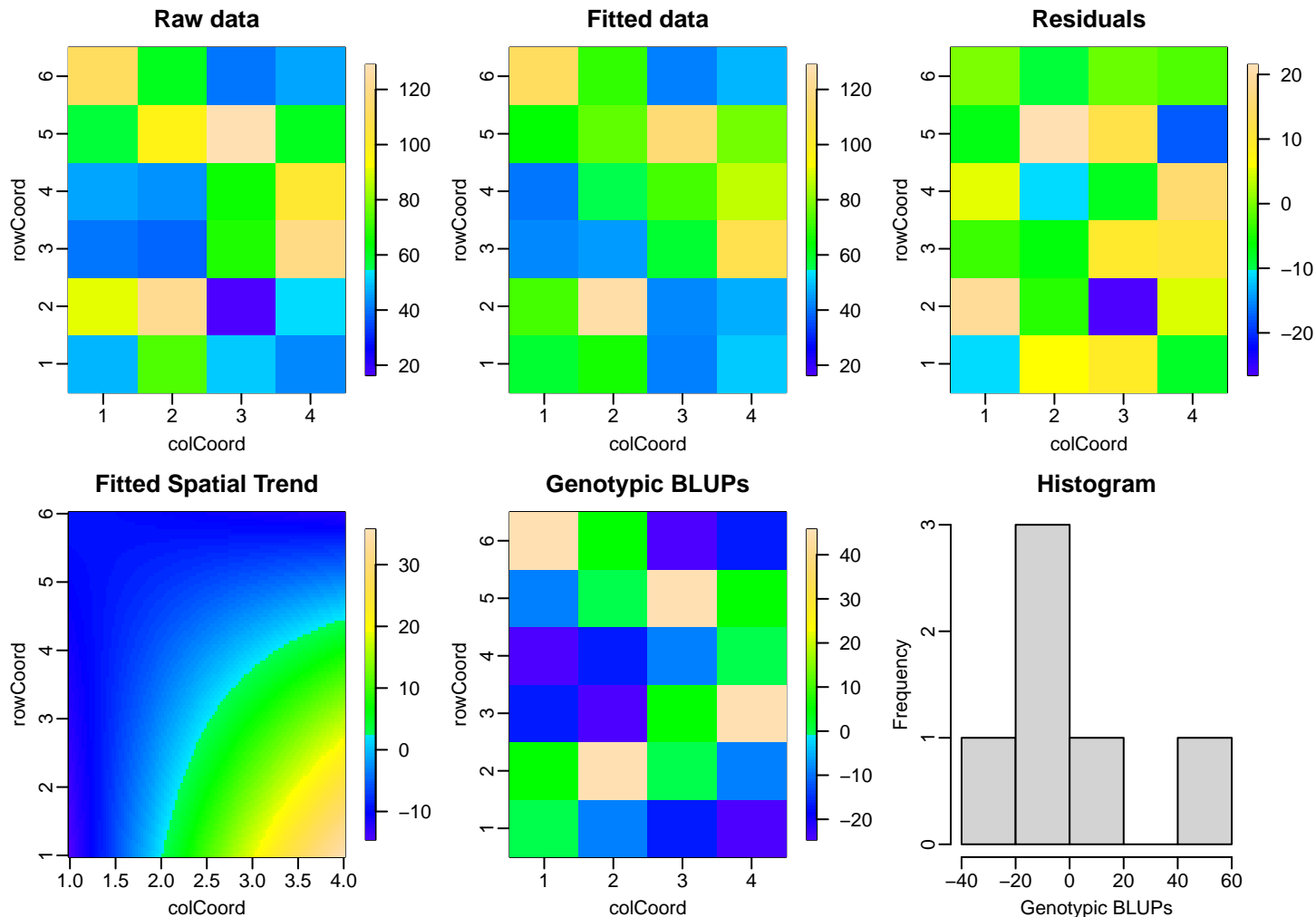
Genotypic BLUPs



Histogram

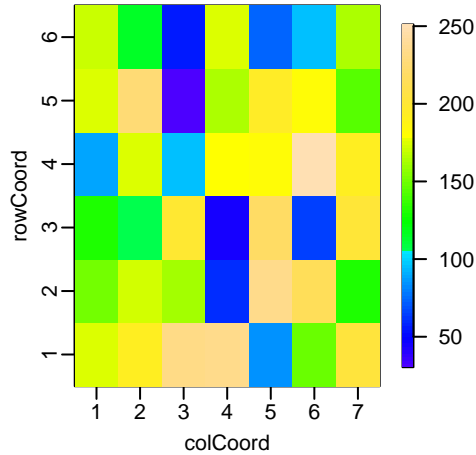


Trait: height_1st_branch – Trial: 2022126DMAYT_cham

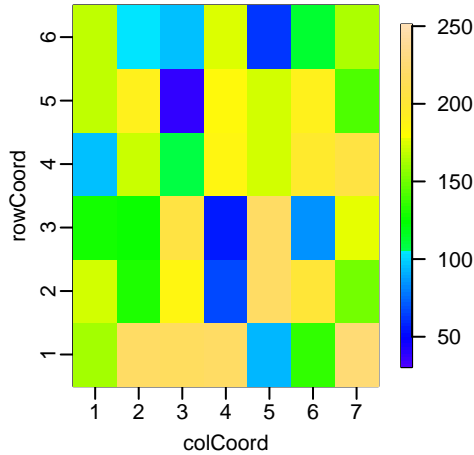


Trait: height_1st_branch – Trial: 2022133DMEPR_laog

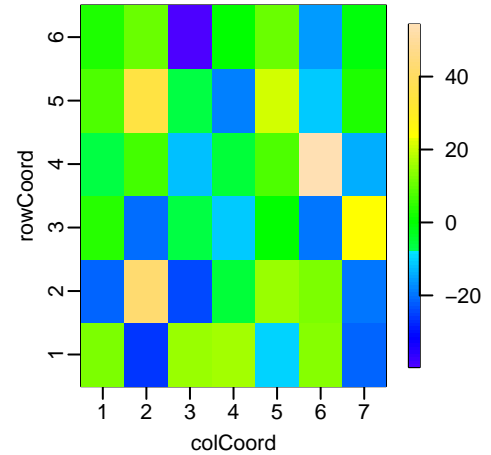
Raw data



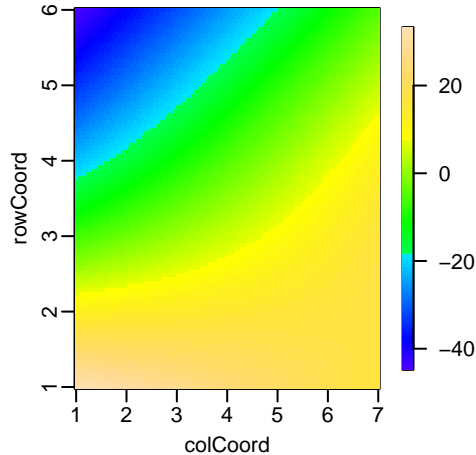
Fitted data



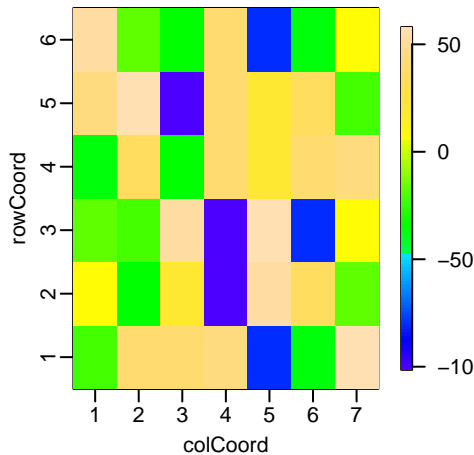
Residuals



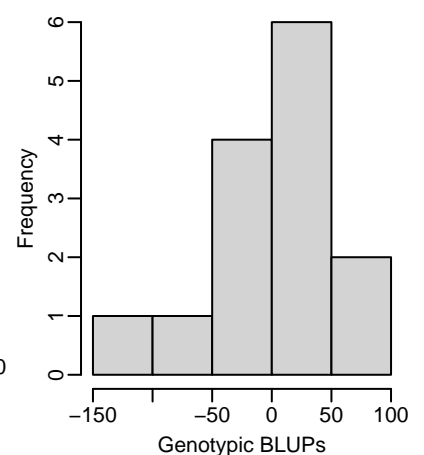
Fitted Spatial Trend



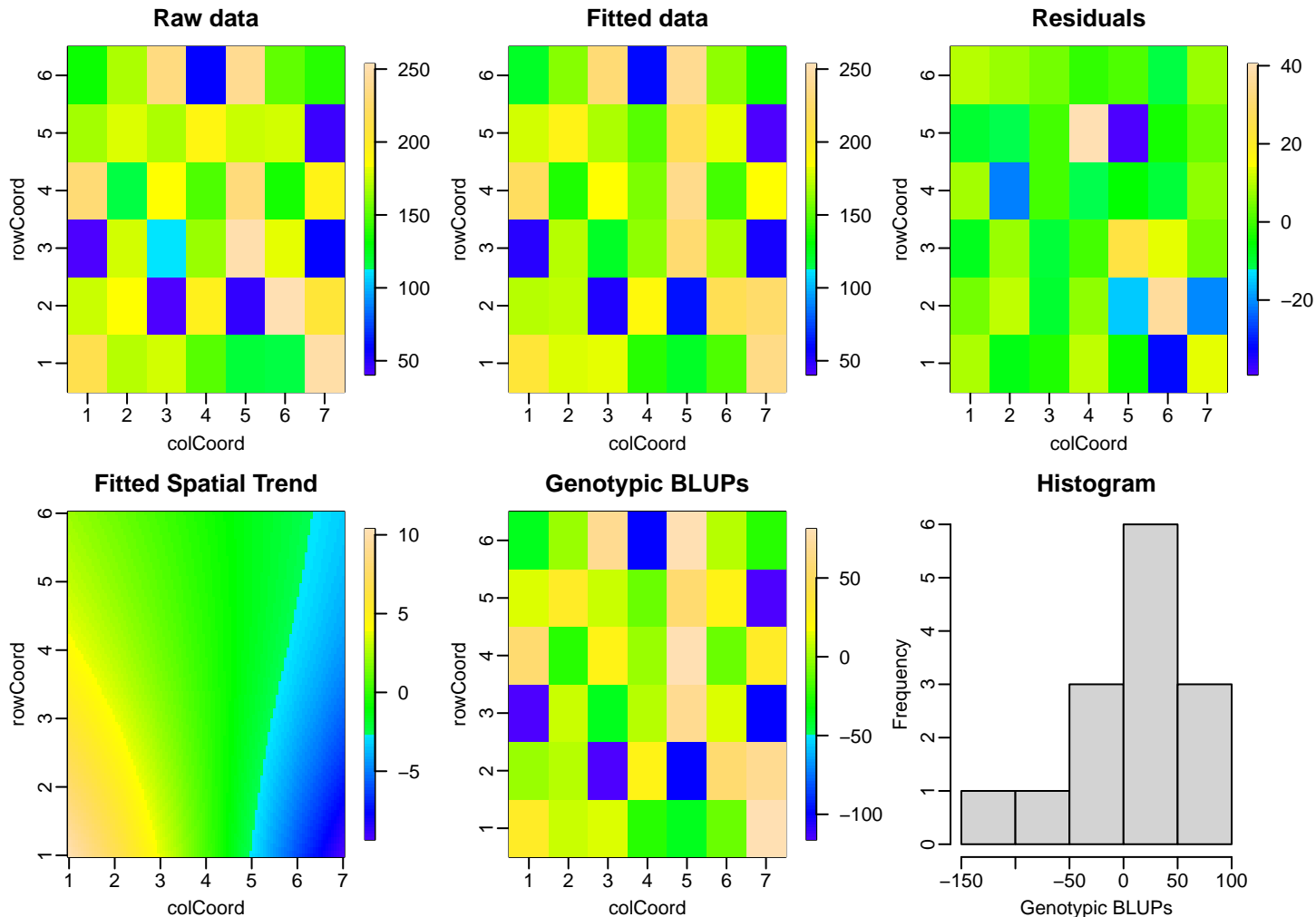
Genotypic BLUPs



Histogram

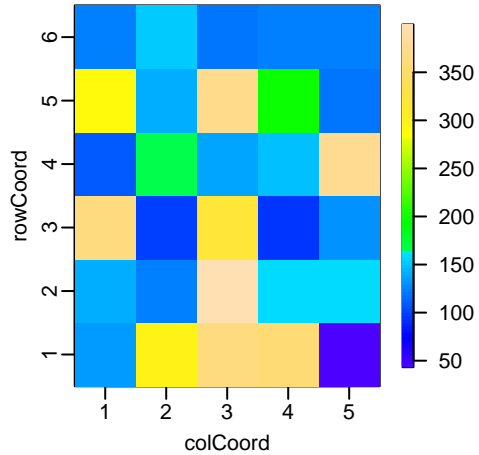


Trait: height_1st_branch – Trial: 2022134DMEPR_that

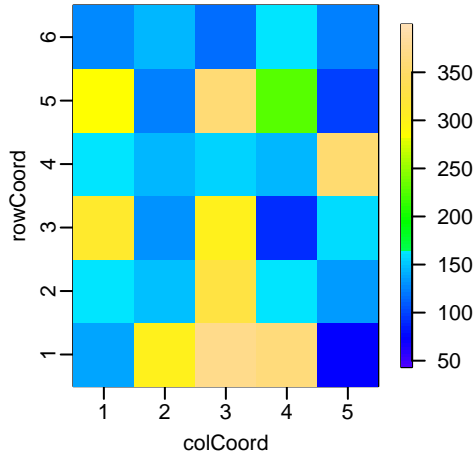


Trait: height_1st_branch – Trial: 2023127DMEPR_cham

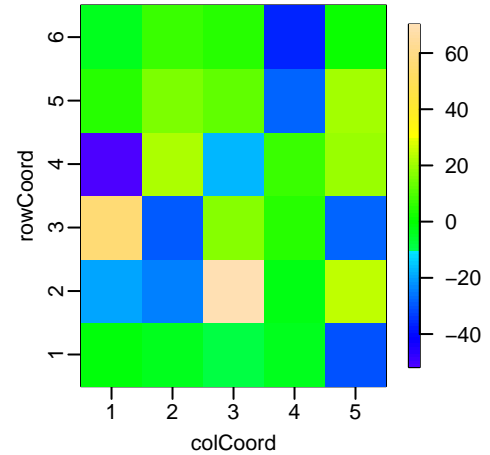
Raw data



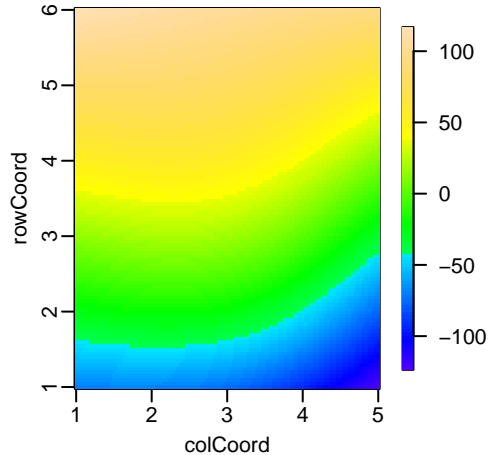
Fitted data



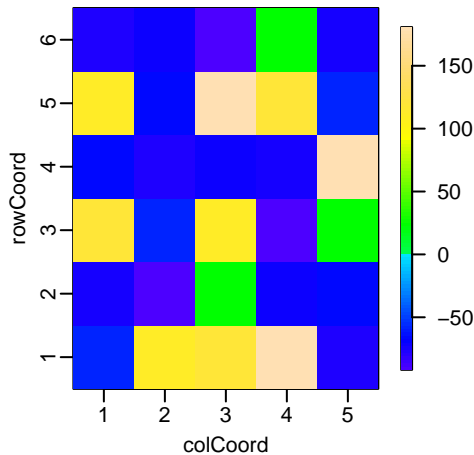
Residuals



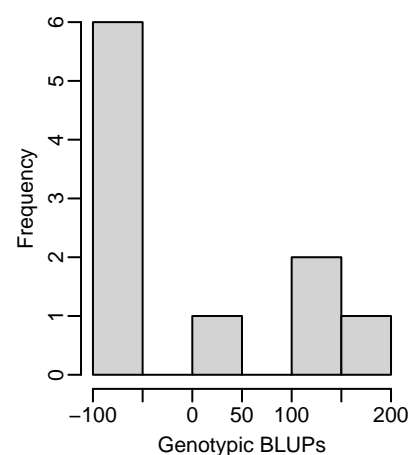
Fitted Spatial Trend



Genotypic BLUPs

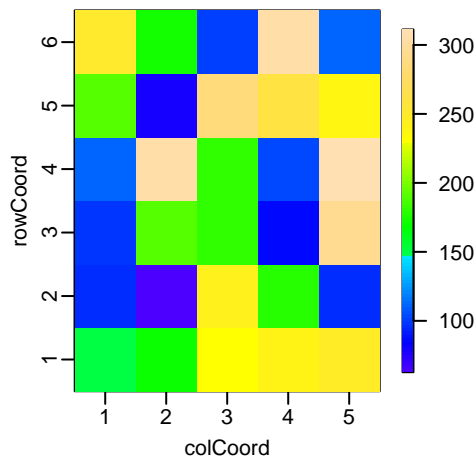


Histogram

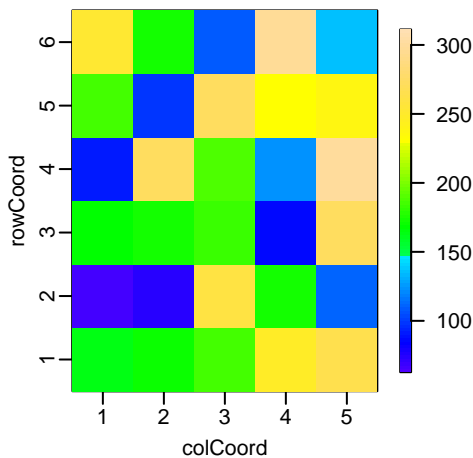


Trait: height_1st_branch – Trial: 2023128DMEPR_bant

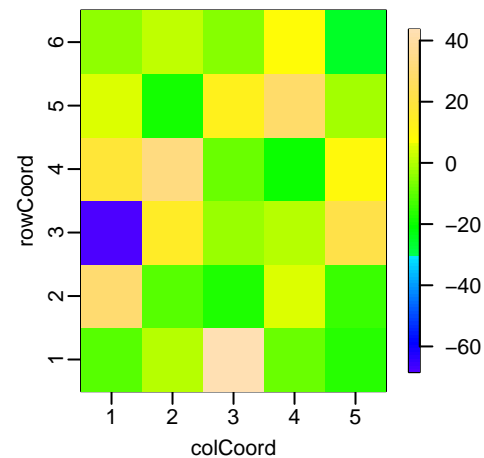
Raw data



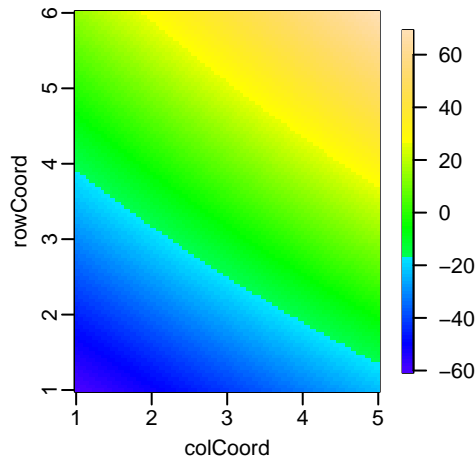
Fitted data



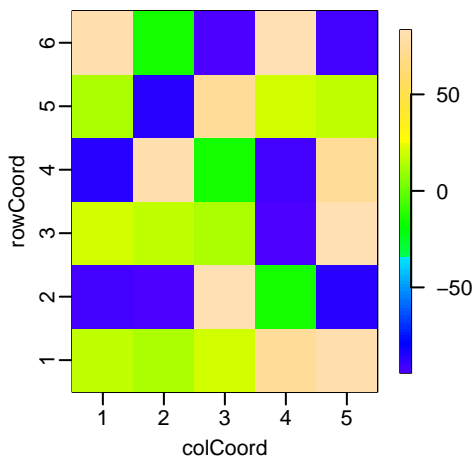
Residuals



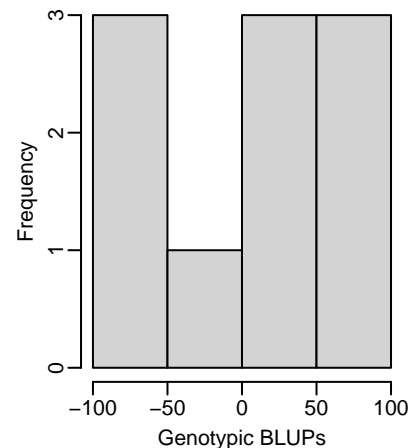
Fitted Spatial Trend



Genotypic BLUPs

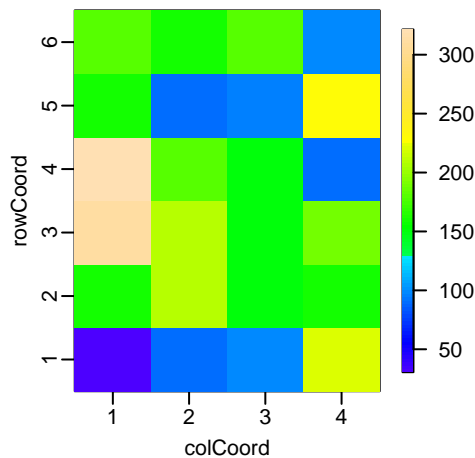


Histogram

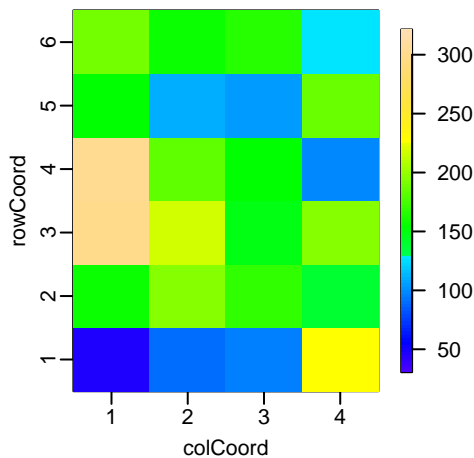


Trait: height_1st_branch – Trial: 2023131DMEPR_stun

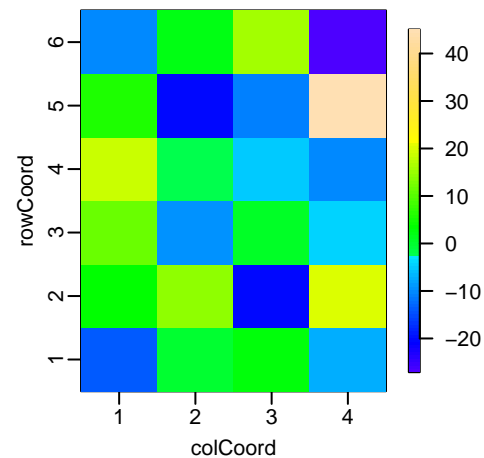
Raw data



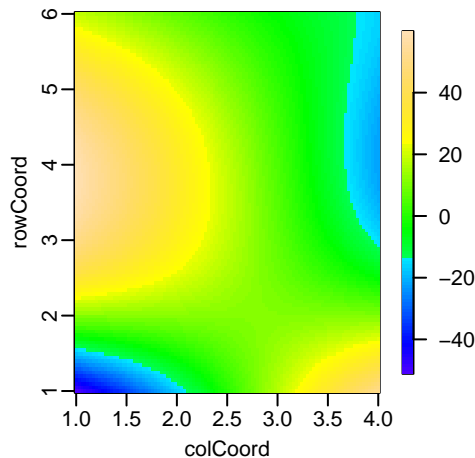
Fitted data



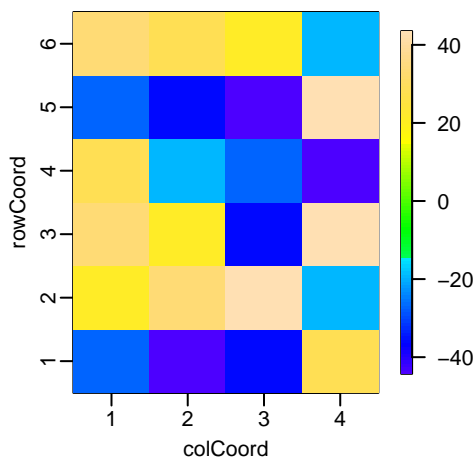
Residuals



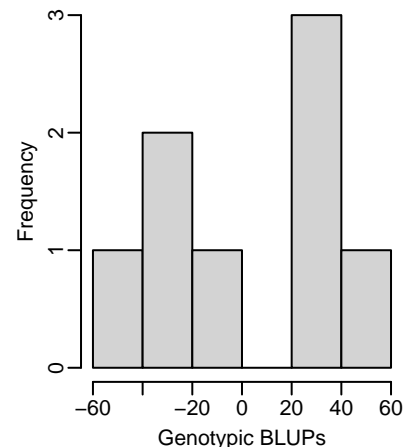
Fitted Spatial Trend



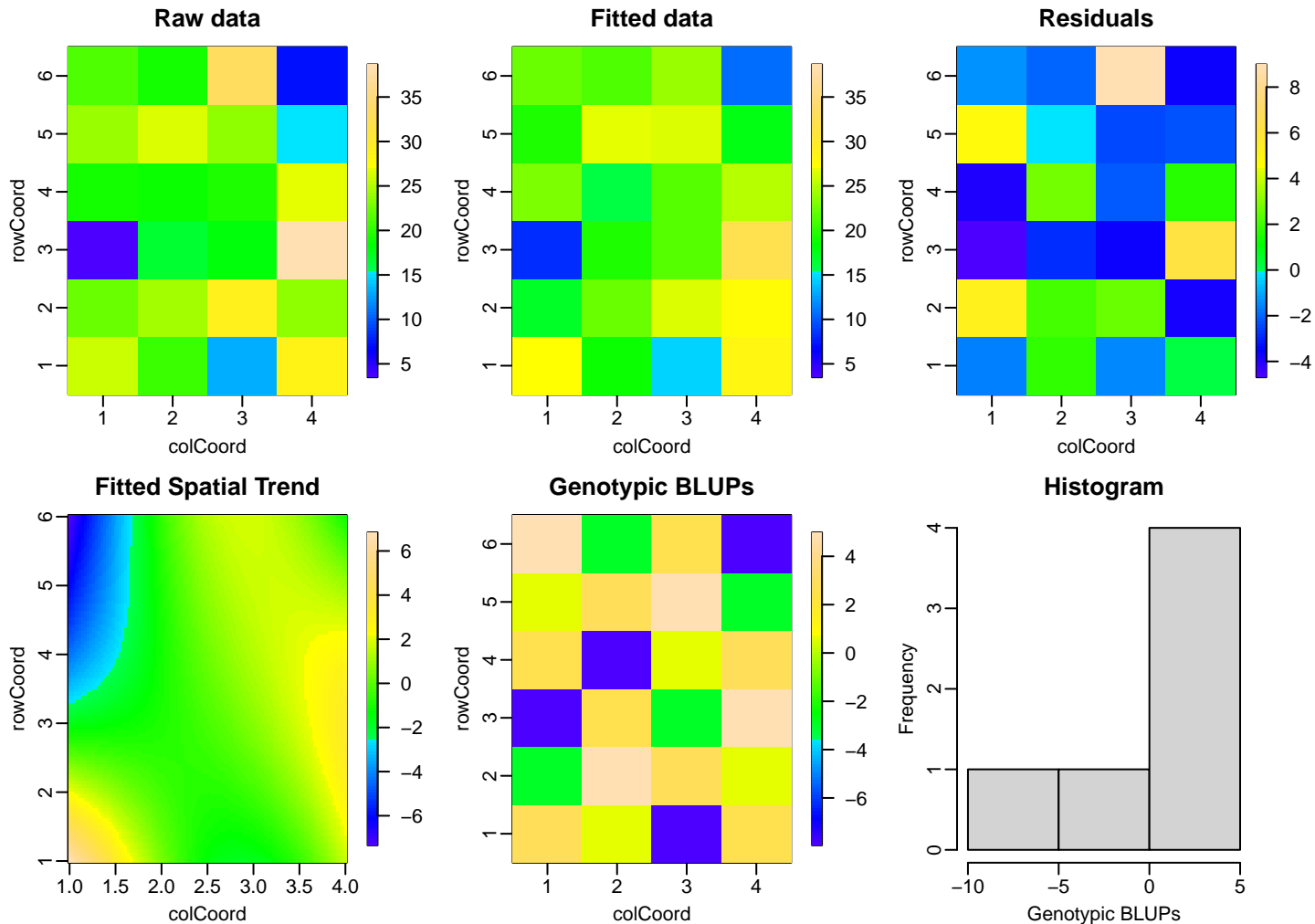
Genotypic BLUPs



Histogram

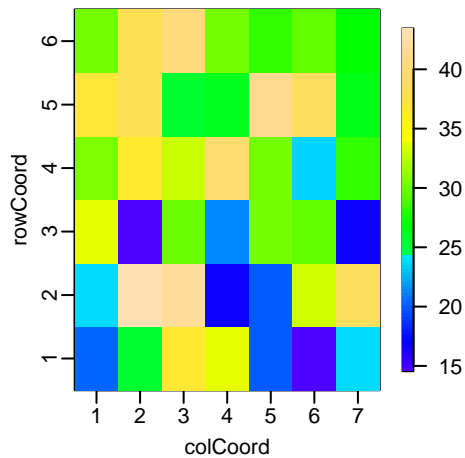


Trait: yield_ha – Trial: 2022126DMAYT_cham

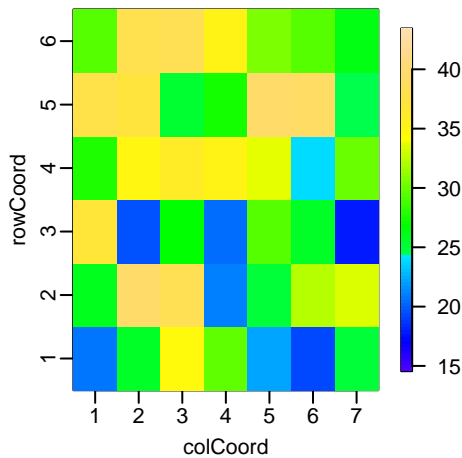


Trait: yield_ha – Trial: 2022133DMEPR_laog

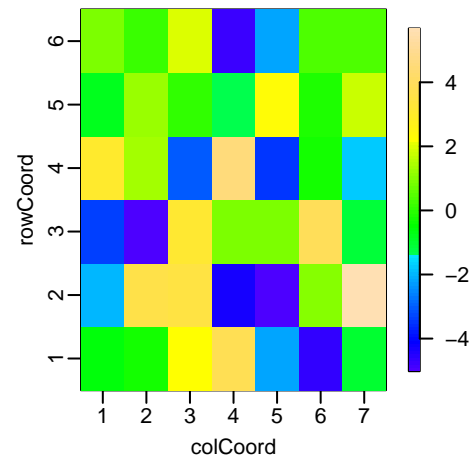
Raw data



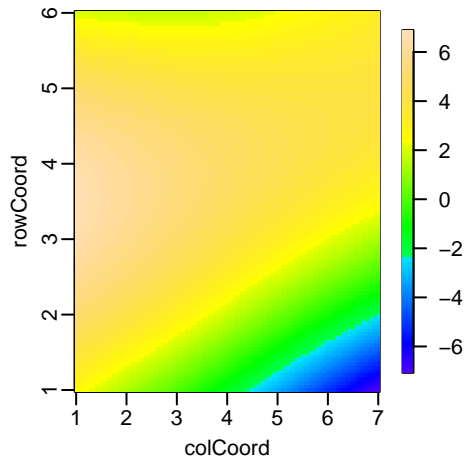
Fitted data



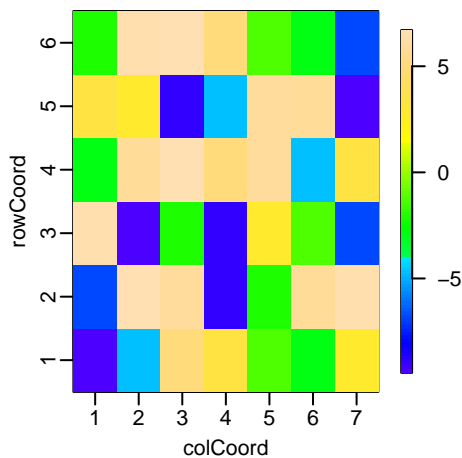
Residuals



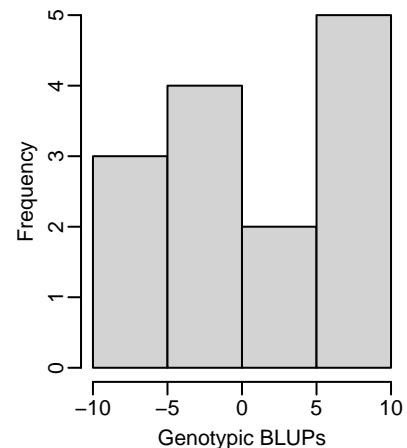
Fitted Spatial Trend



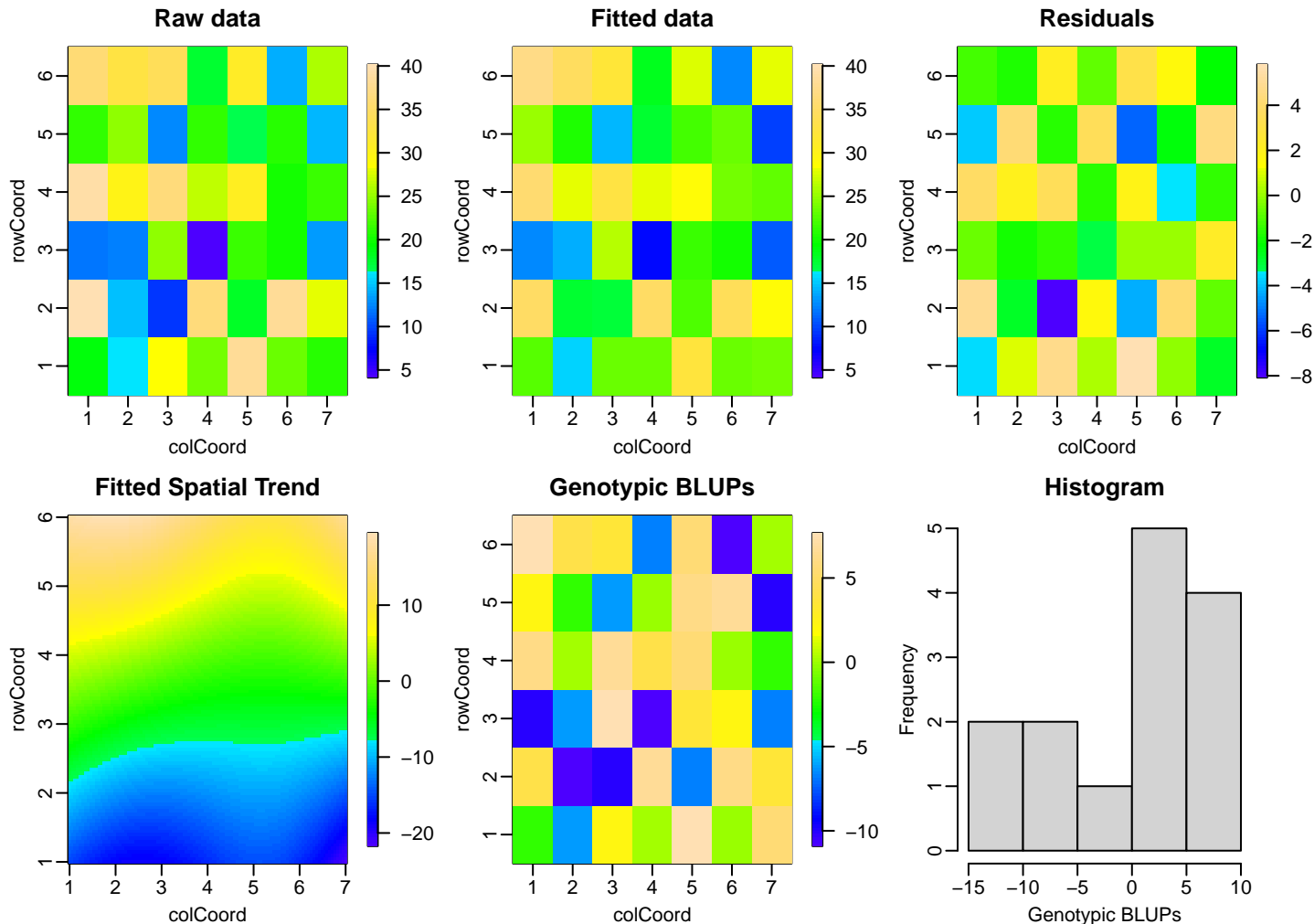
Genotypic BLUPs



Histogram

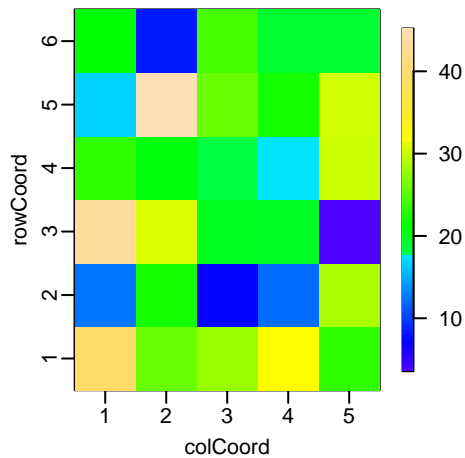


Trait: yield_ha – Trial: 2022134DMEPR_that

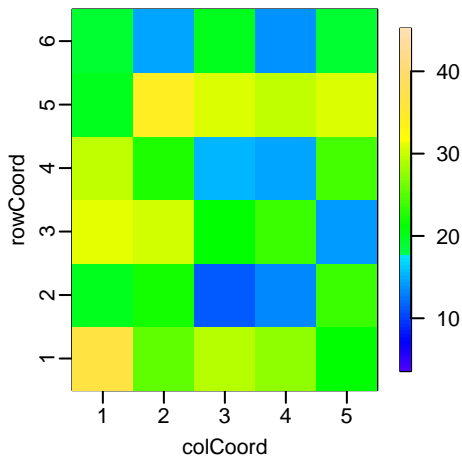


Trait: yield_ha – Trial: 2023127DMEPR_cham

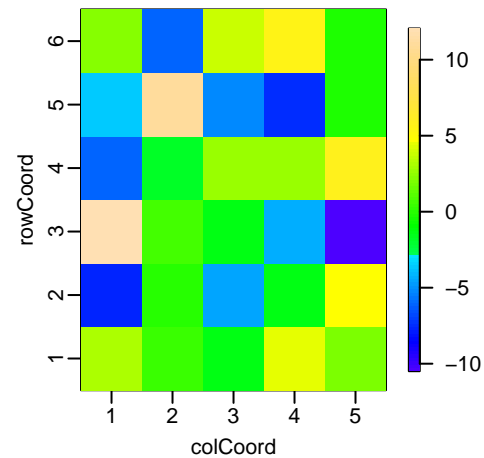
Raw data



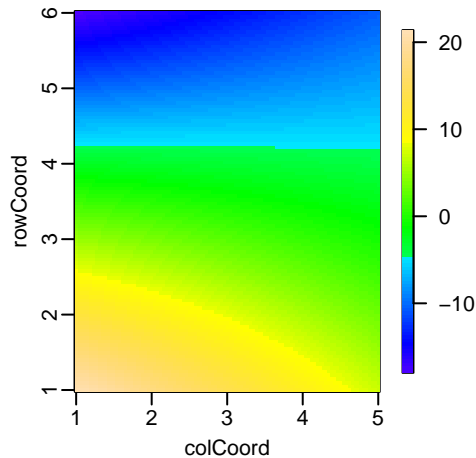
Fitted data



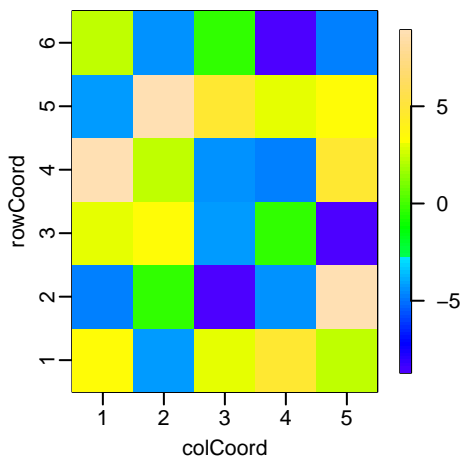
Residuals



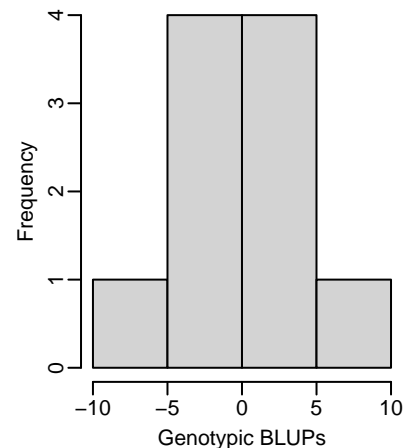
Fitted Spatial Trend



Genotypic BLUPs

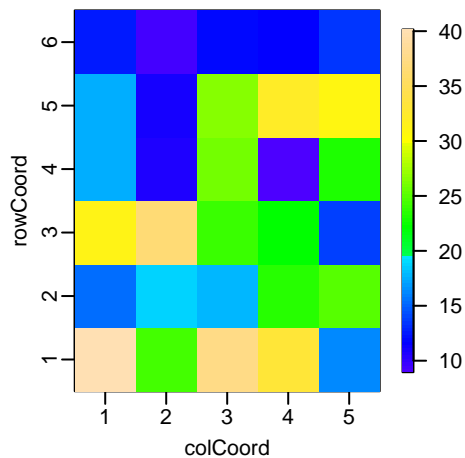


Histogram

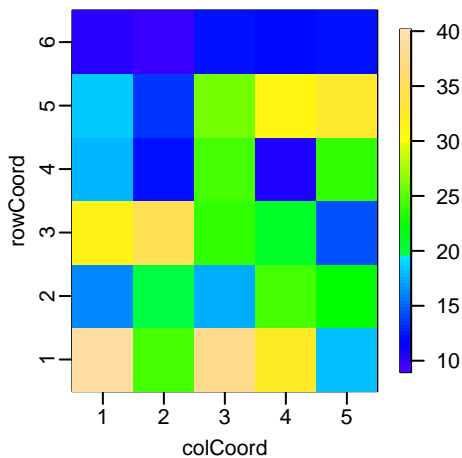


Trait: yield_ha – Trial: 2023128DMEPR_bant

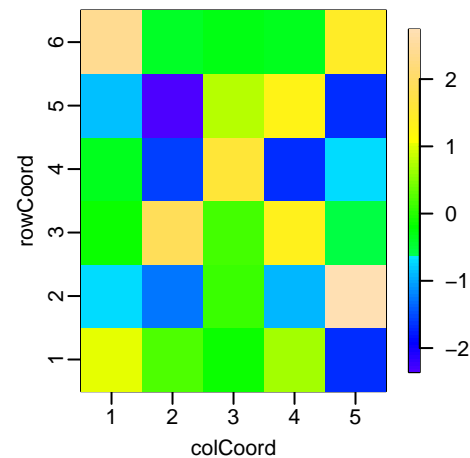
Raw data



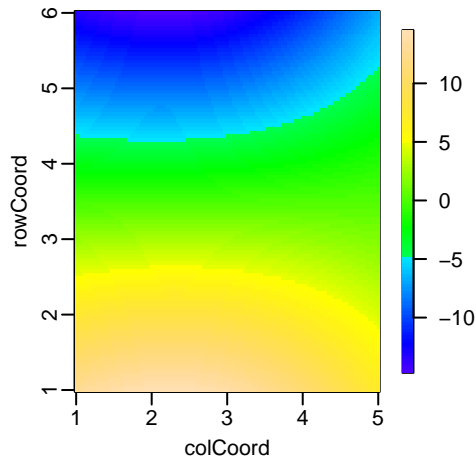
Fitted data



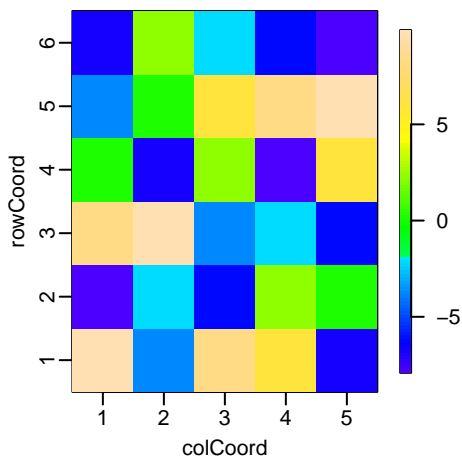
Residuals



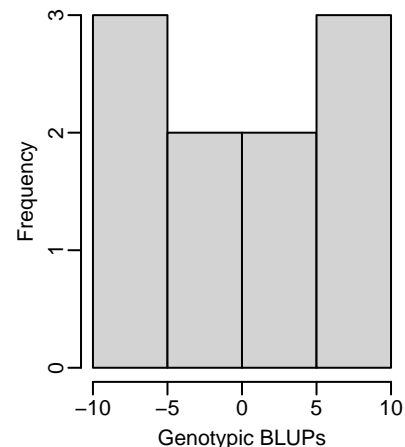
Fitted Spatial Trend



Genotypic BLUPs

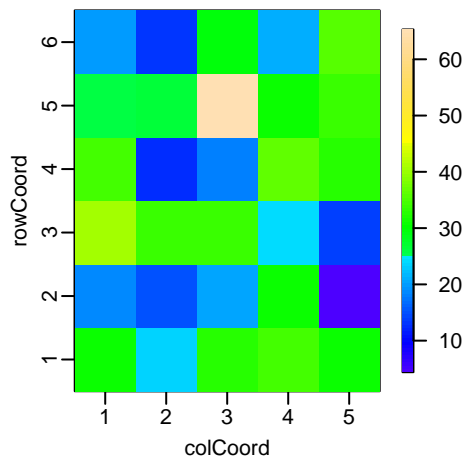


Histogram

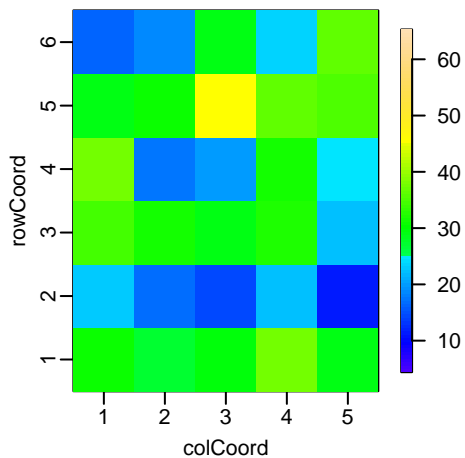


Trait: yield_ha – Trial: 2023130DMEPR_anlo

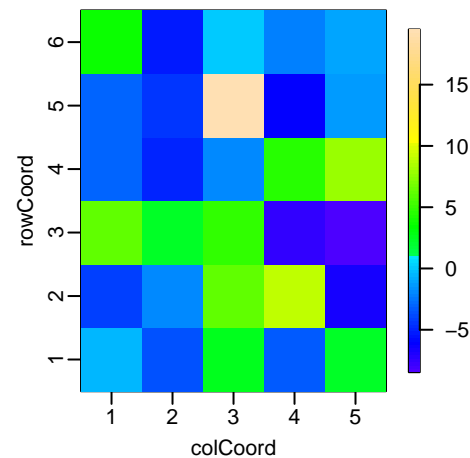
Raw data



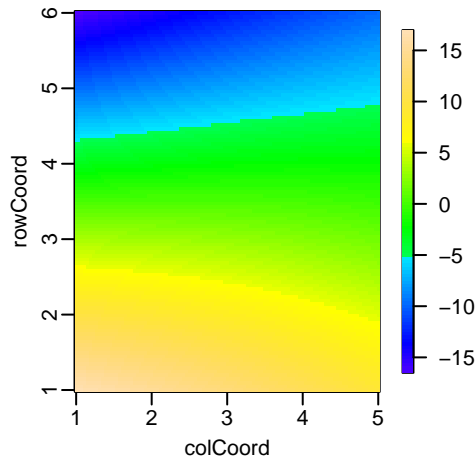
Fitted data



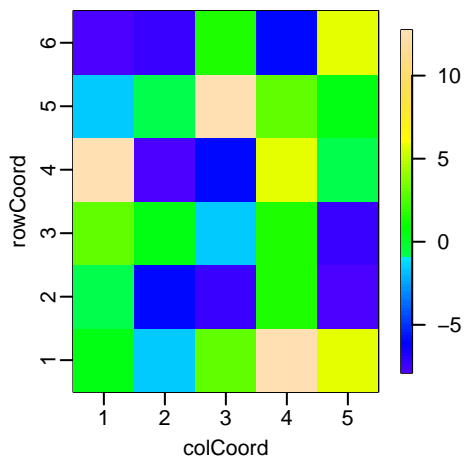
Residuals



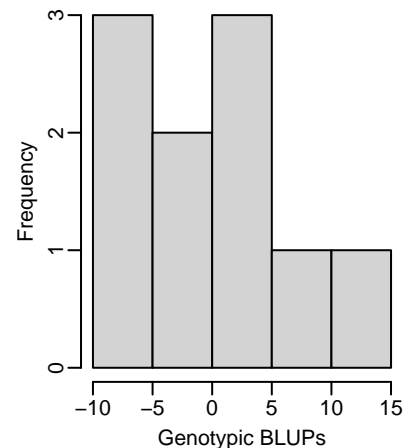
Fitted Spatial Trend



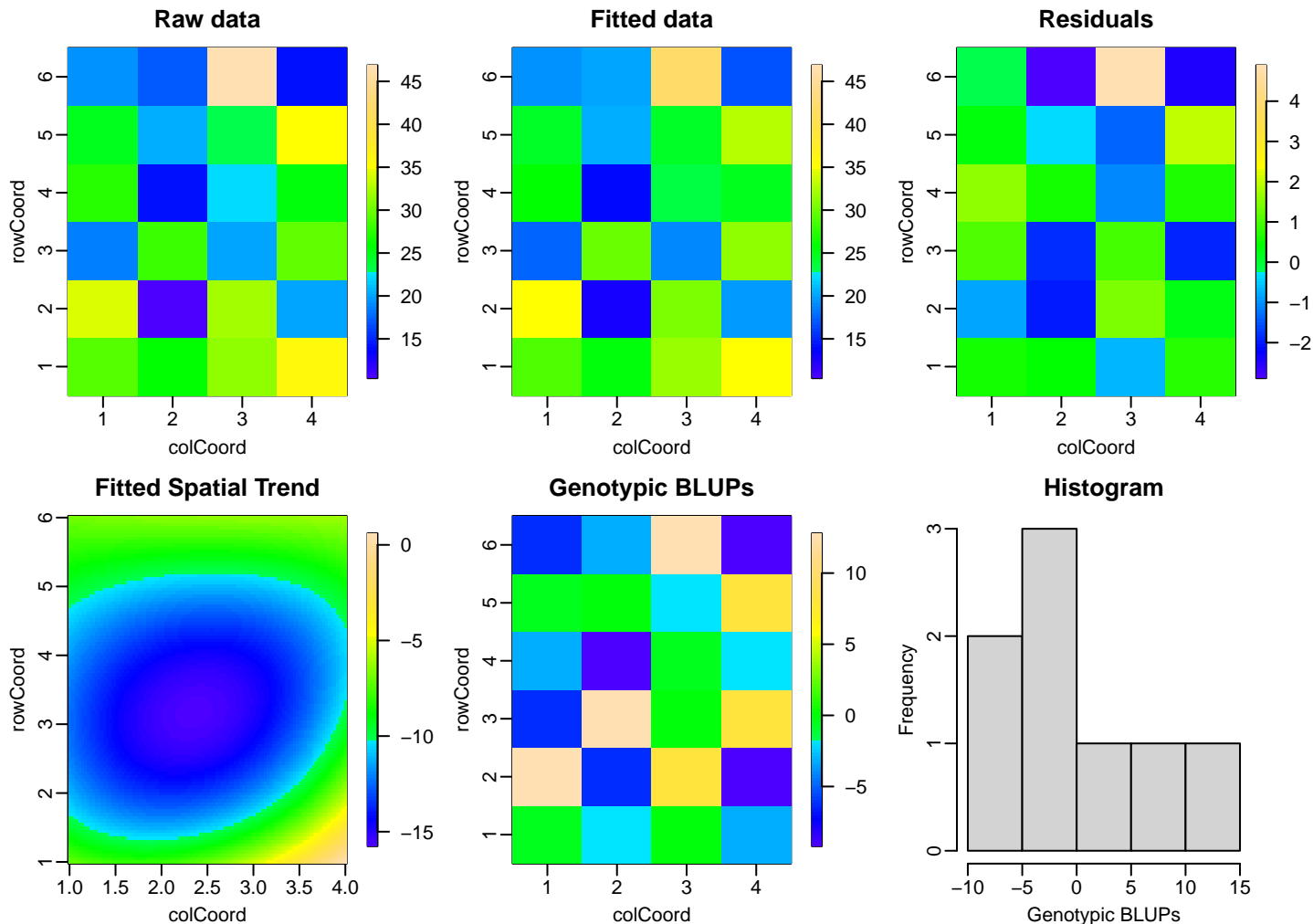
Genotypic BLUPs



Histogram

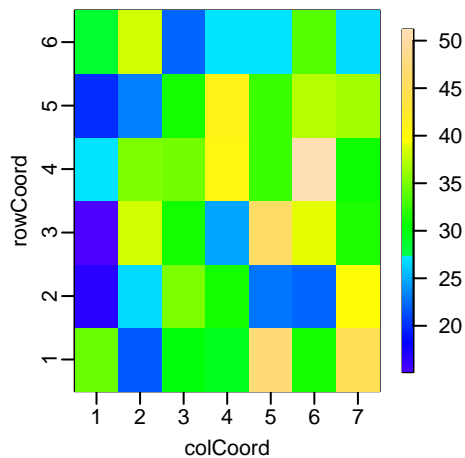


Trait: yield_ha – Trial: 2023131DMEPR_stun

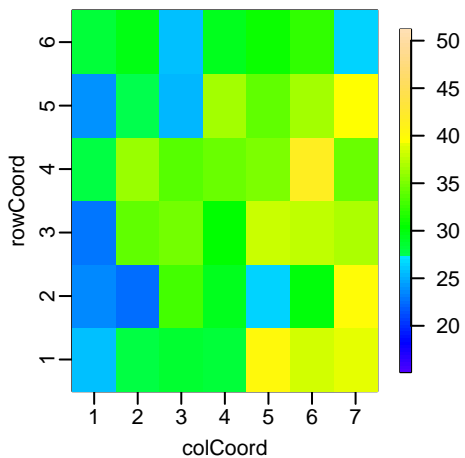


Trait: yield_ha – Trial: 2023132DMEPR_naph

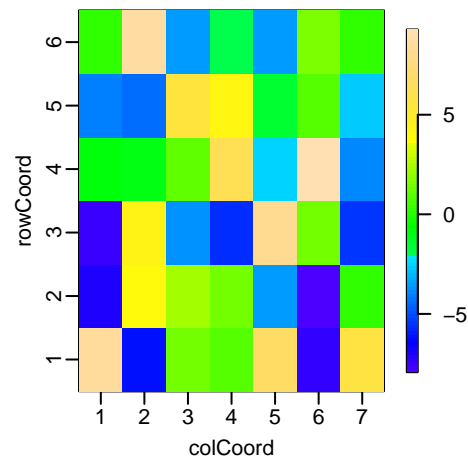
Raw data



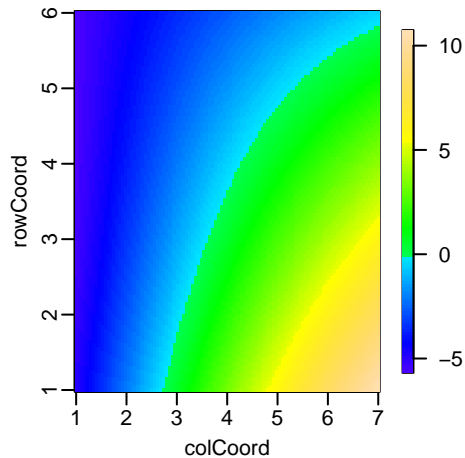
Fitted data



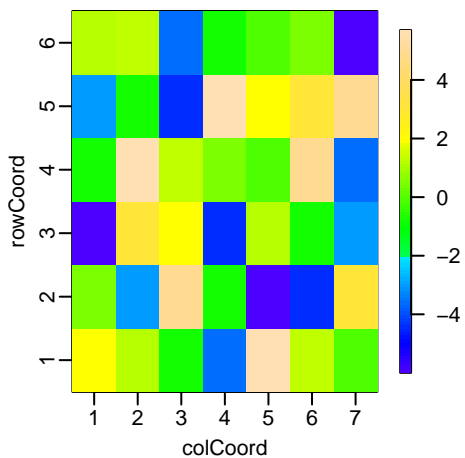
Residuals



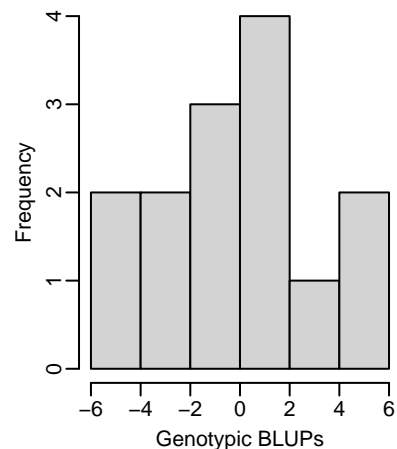
Fitted Spatial Trend



Genotypic BLUPs

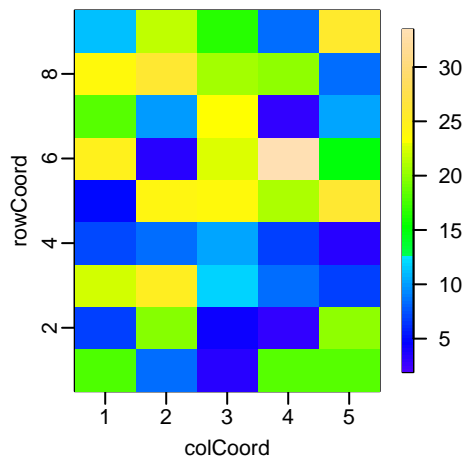


Histogram

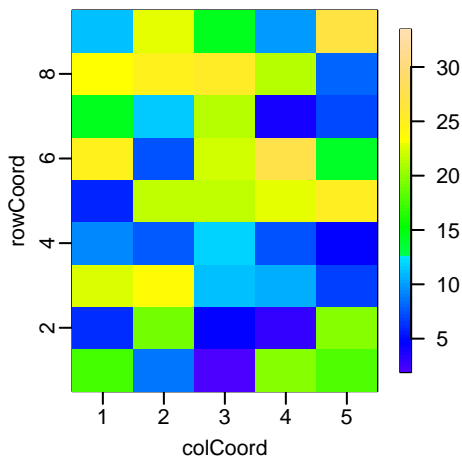


Trait: yield_ha – Trial: 2023135DMEPR_blik

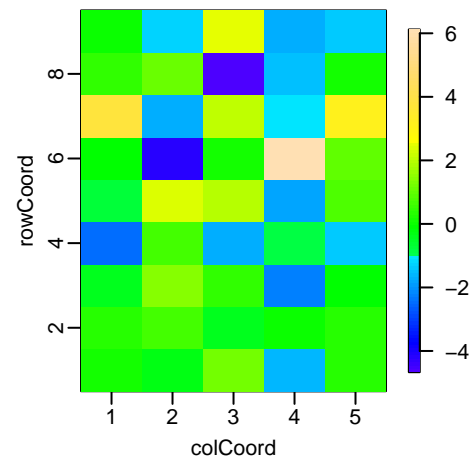
Raw data



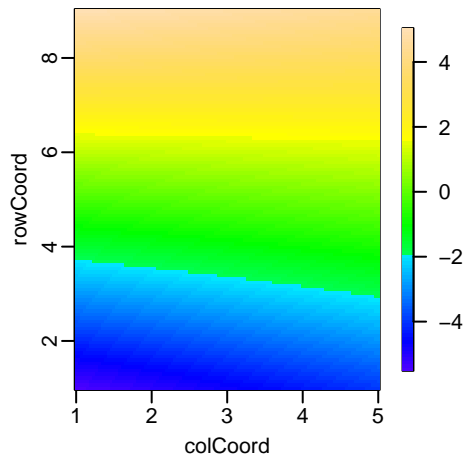
Fitted data



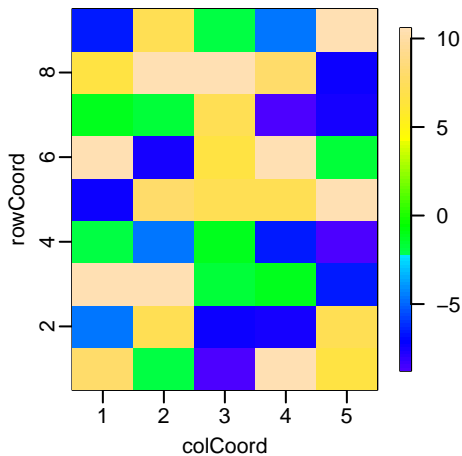
Residuals



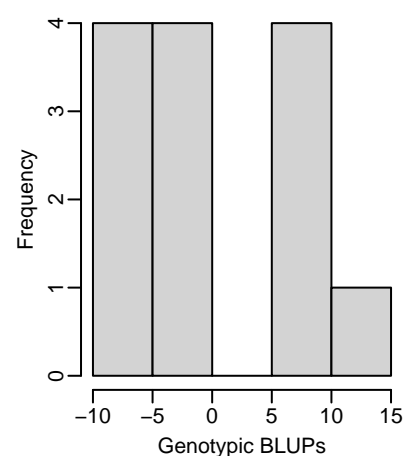
Fitted Spatial Trend



Genotypic BLUPs

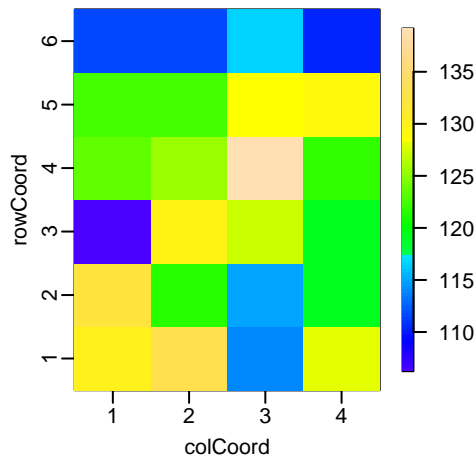


Histogram

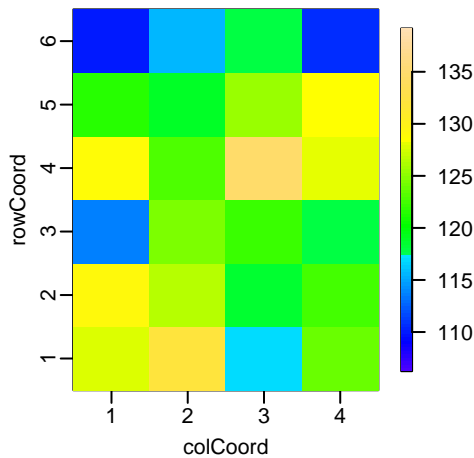


Trait: height – Trial: 2022126DMAYT_cham

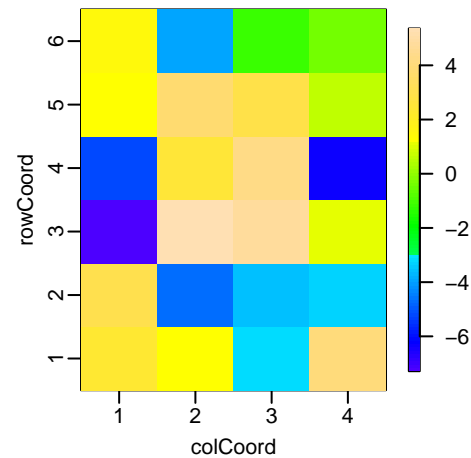
Raw data



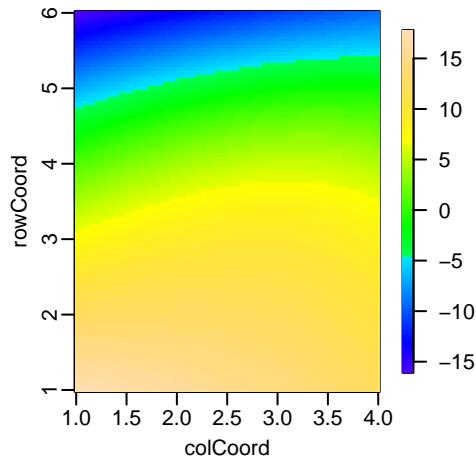
Fitted data



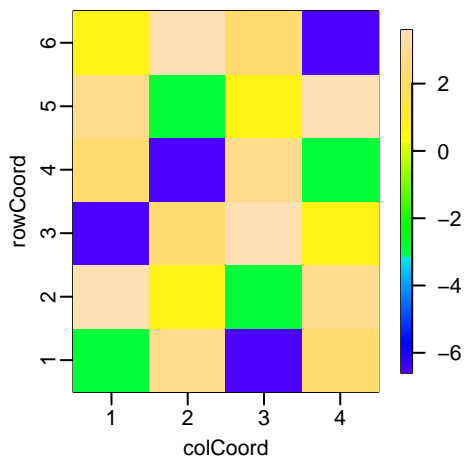
Residuals



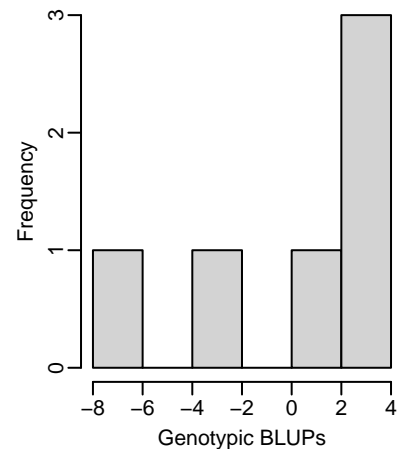
Fitted Spatial Trend



Genotypic BLUPs

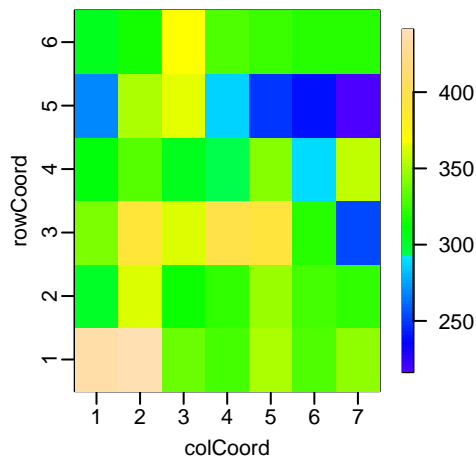


Histogram

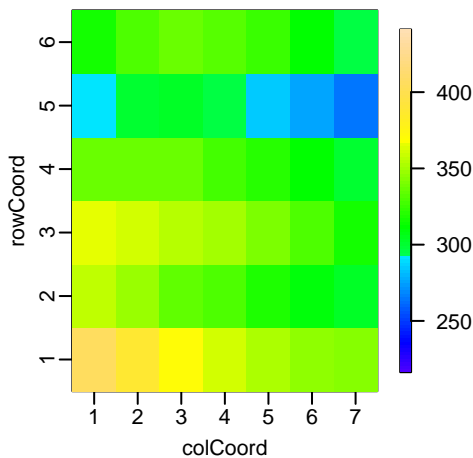


Trait: height – Trial: 2022133DMEPR_laog

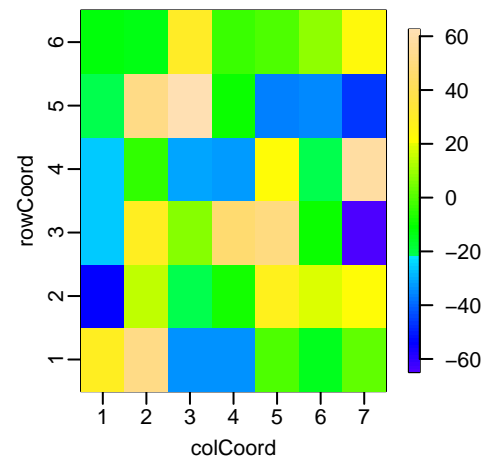
Raw data



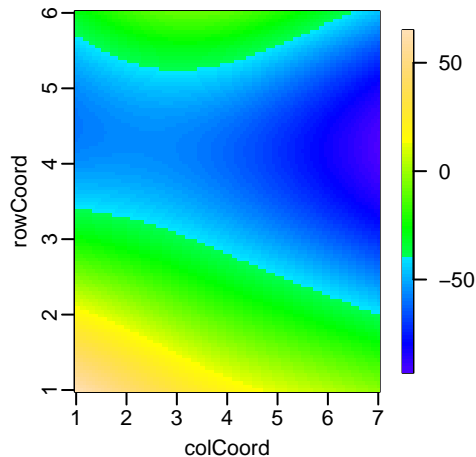
Fitted data



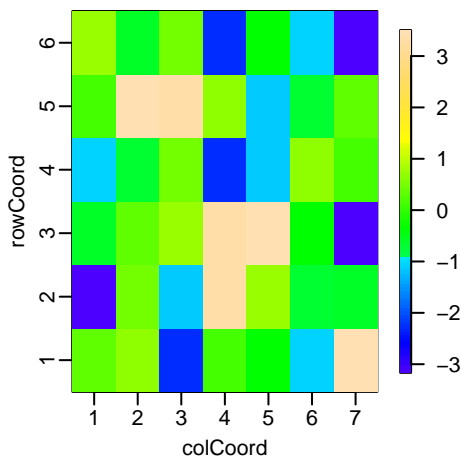
Residuals



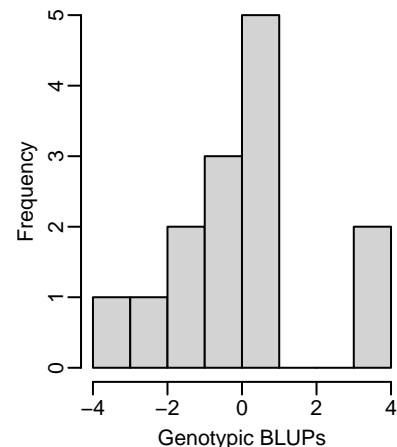
Fitted Spatial Trend



Genotypic BLUPs

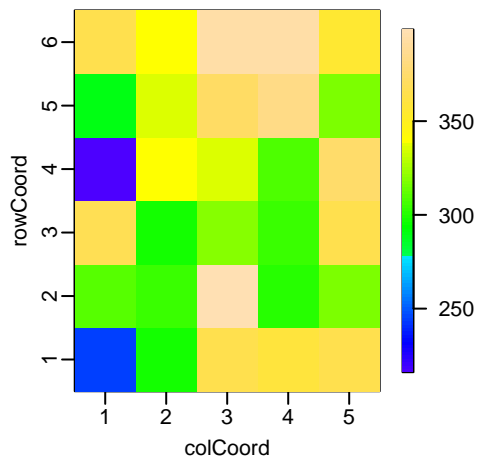


Histogram

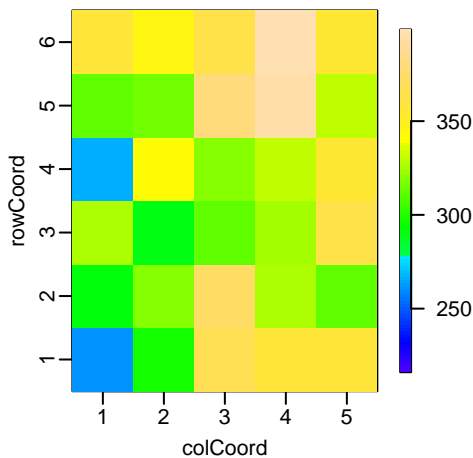


Trait: height – Trial: 2023127DMEPR_cham

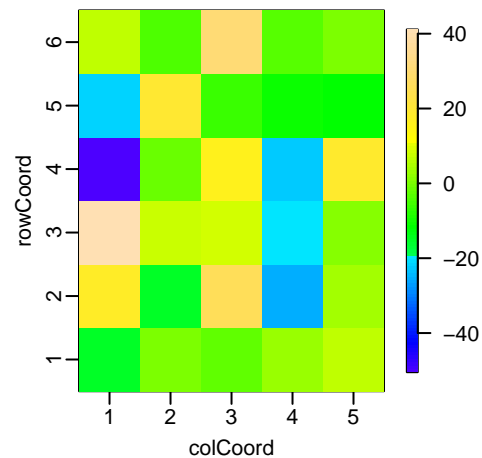
Raw data



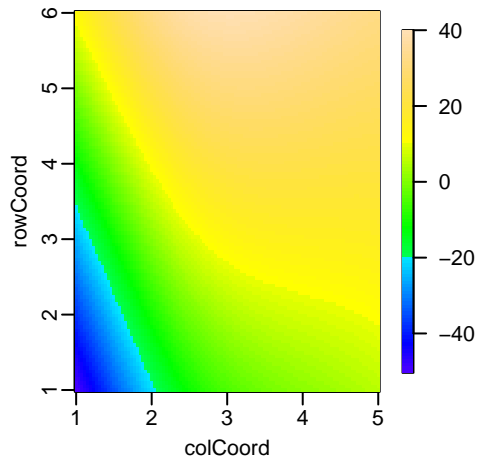
Fitted data



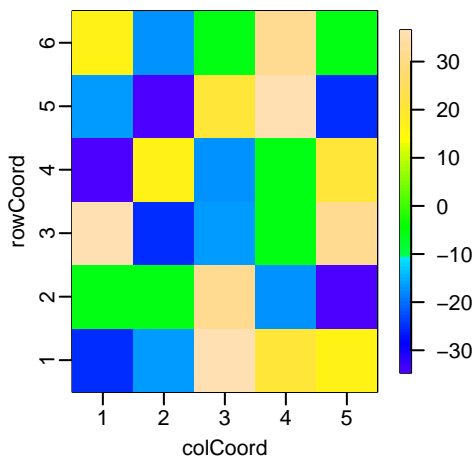
Residuals



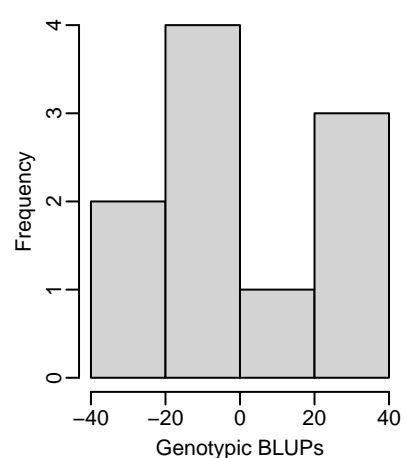
Fitted Spatial Trend



Genotypic BLUPs

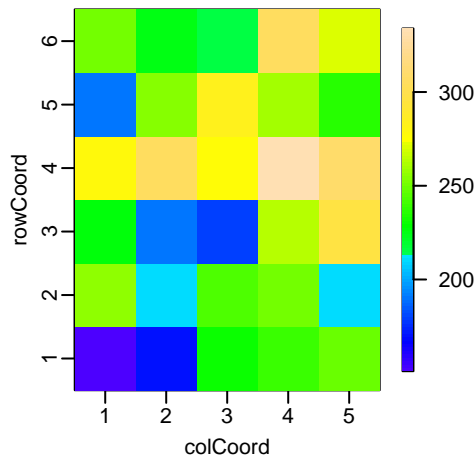


Histogram

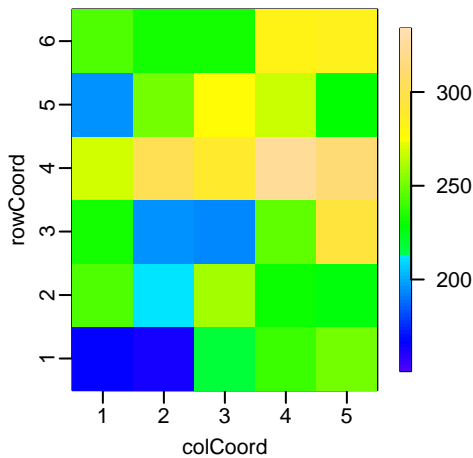


Trait: height – Trial: 2023128DMEPR_bant

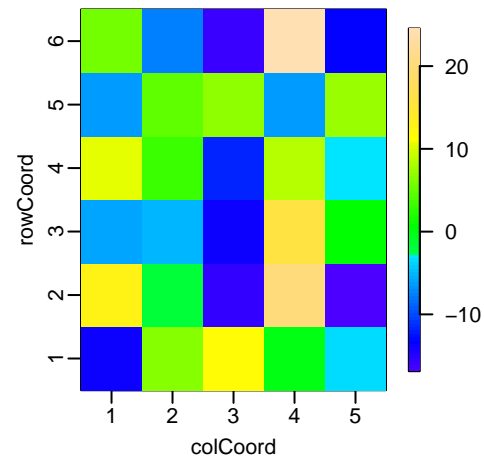
Raw data



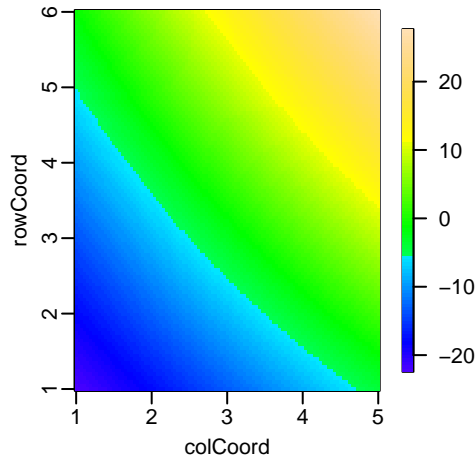
Fitted data



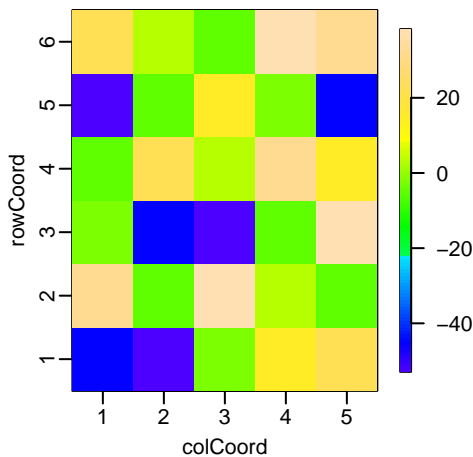
Residuals



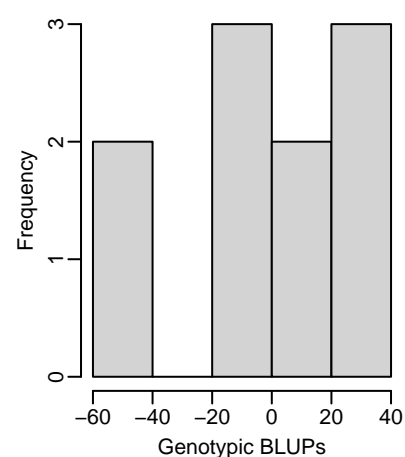
Fitted Spatial Trend



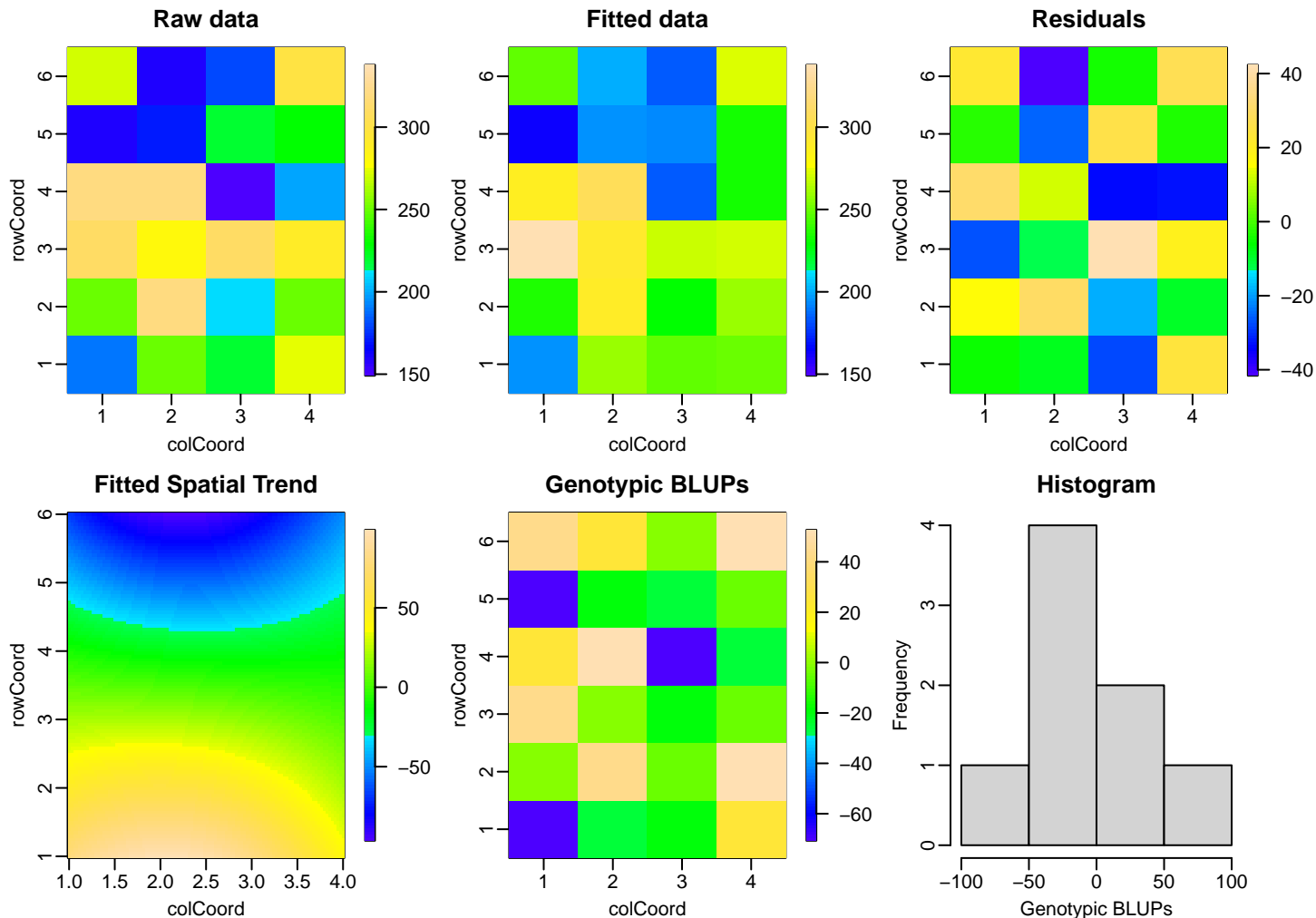
Genotypic BLUPs



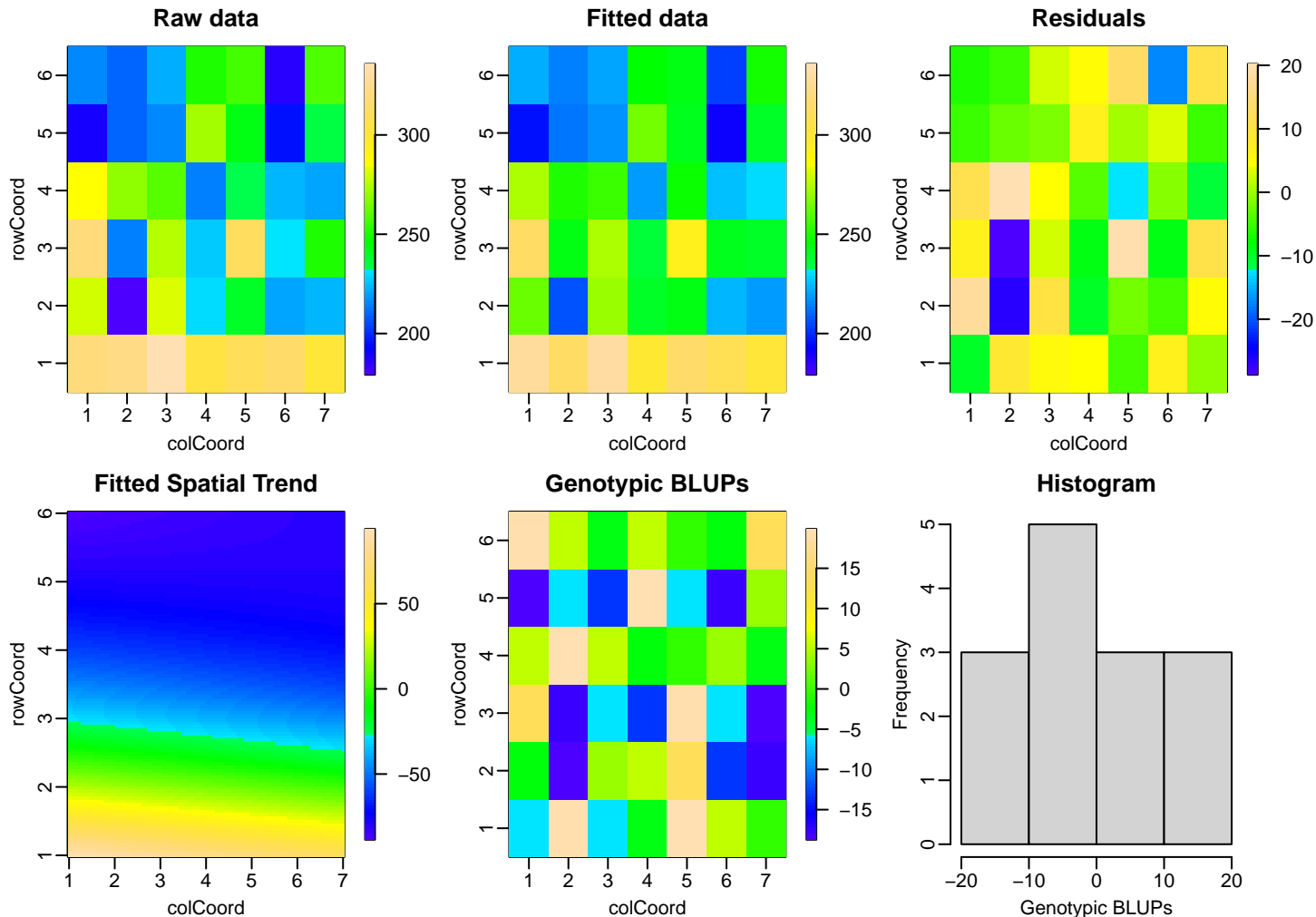
Histogram



Trait: height – Trial: 2023131DMEPR_stun

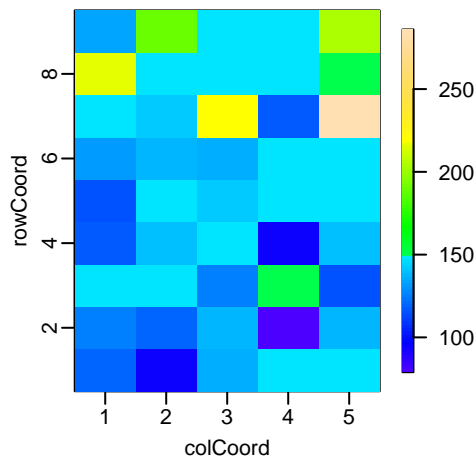


Trait: height – Trial: 2023132DMEPR_naph

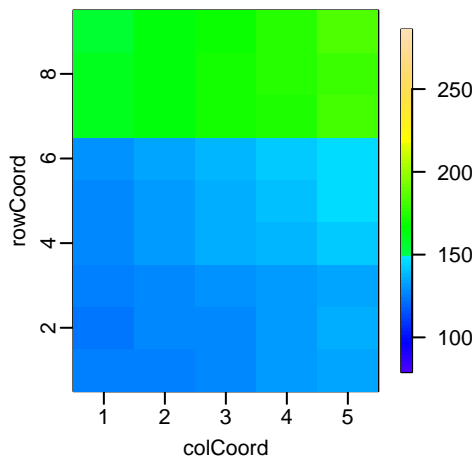


Trait: height – Trial: 2023135DMEPR_blik

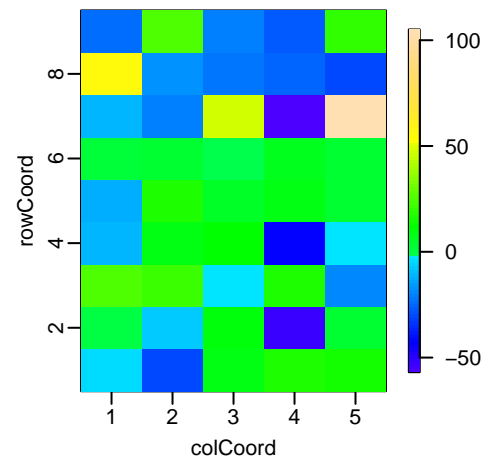
Raw data



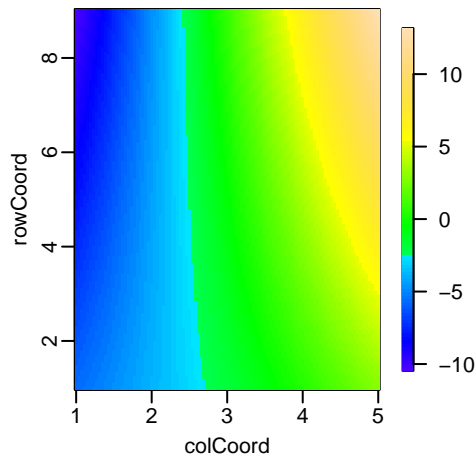
Fitted data



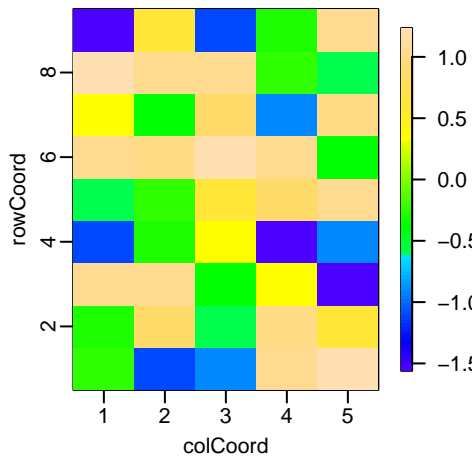
Residuals



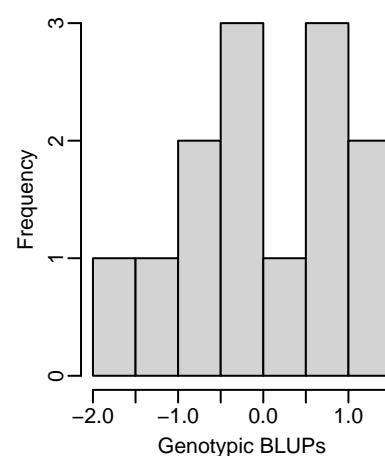
Fitted Spatial Trend



Genotypic BLUPs

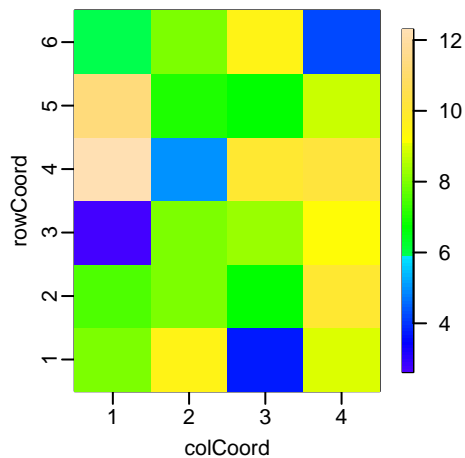


Histogram

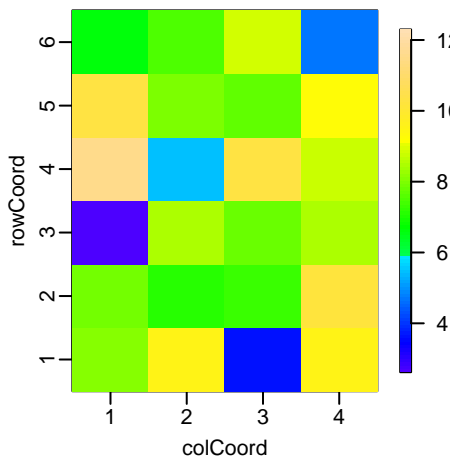


Trait: root_number – Trial: 2022126DMAYT_cham

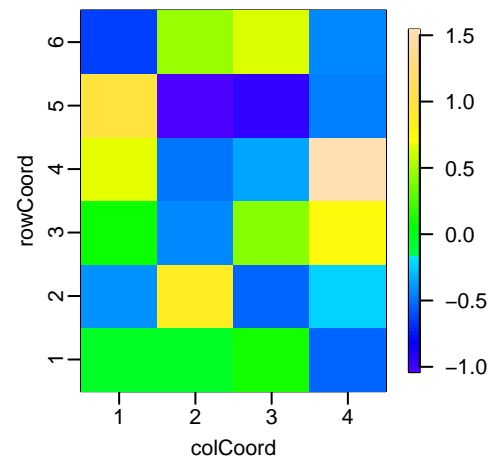
Raw data



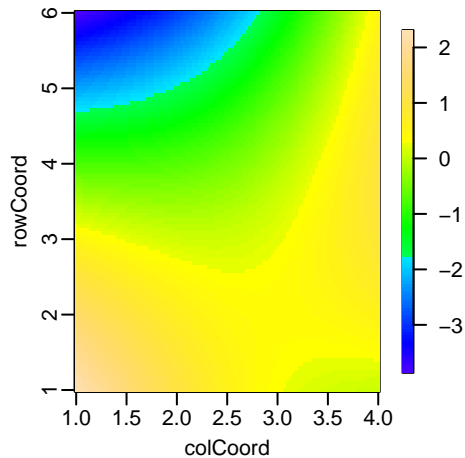
Fitted data



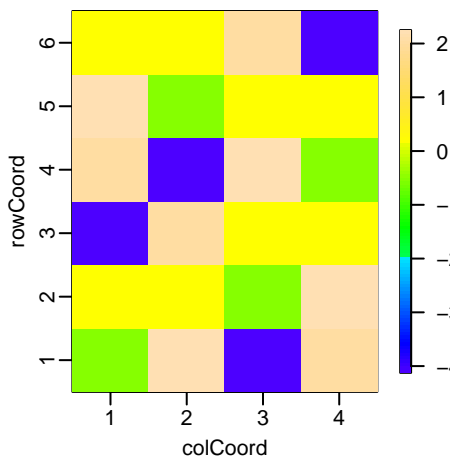
Residuals



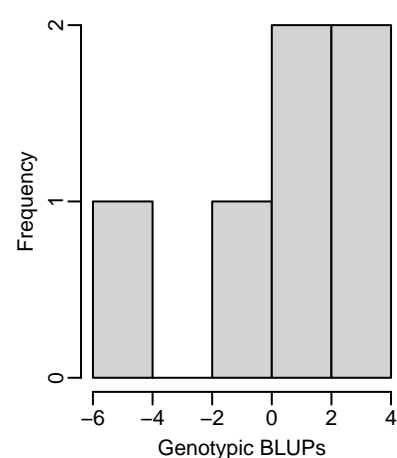
Fitted Spatial Trend



Genotypic BLUPs

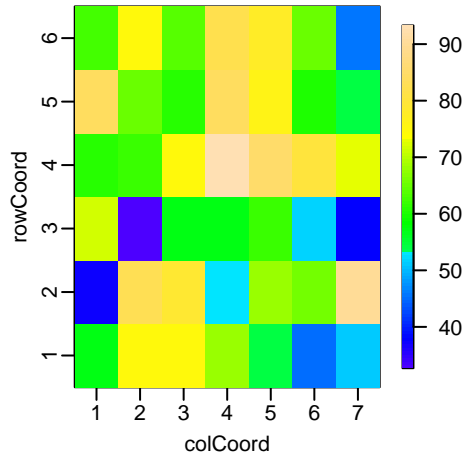


Histogram

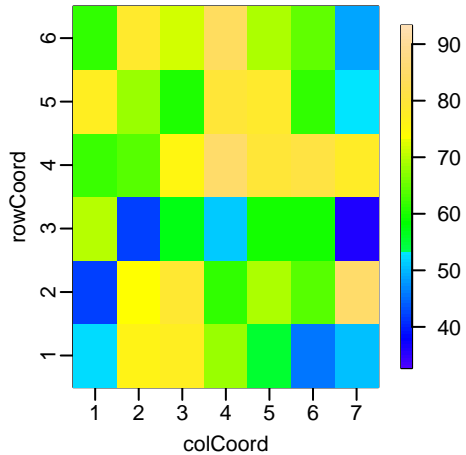


Trait: root_number – Trial: 2022133DMEPR_laog

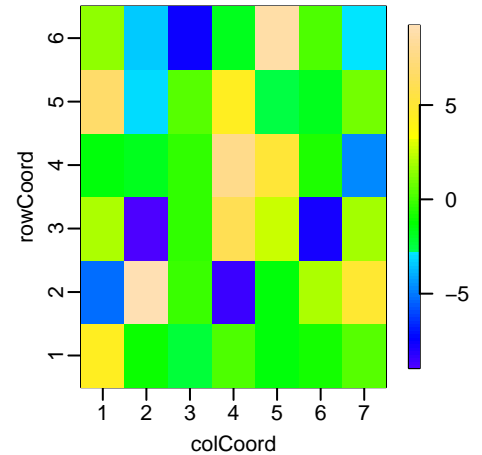
Raw data



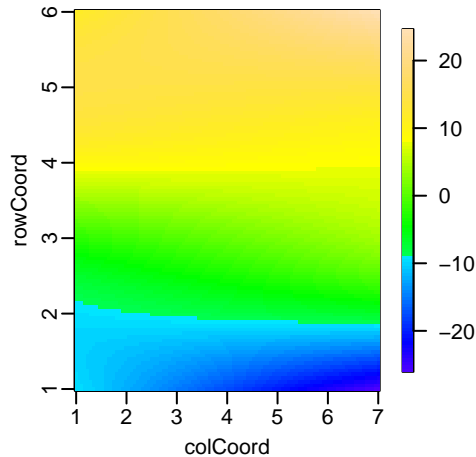
Fitted data



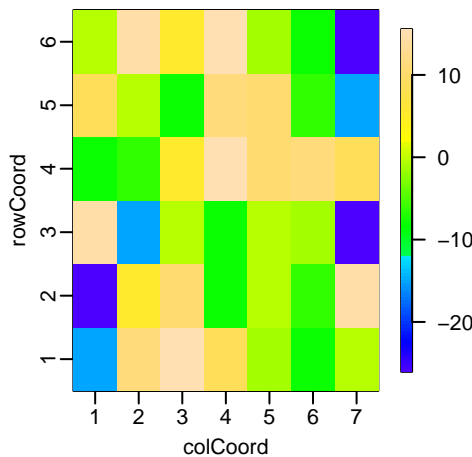
Residuals



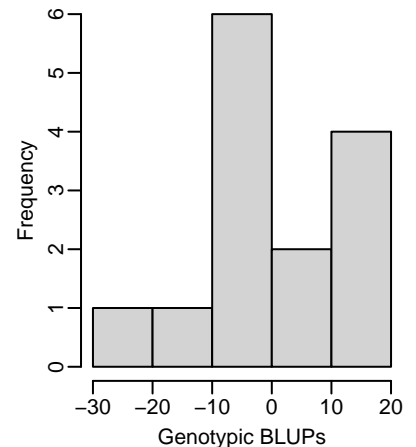
Fitted Spatial Trend



Genotypic BLUPs

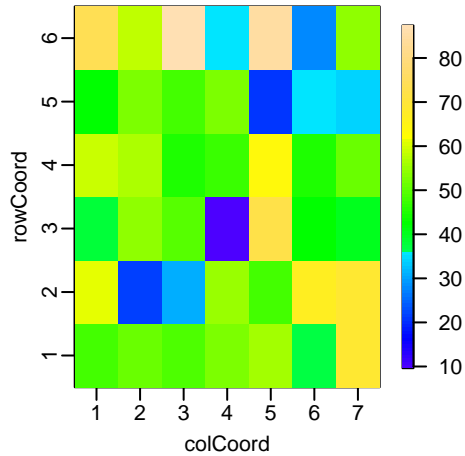


Histogram

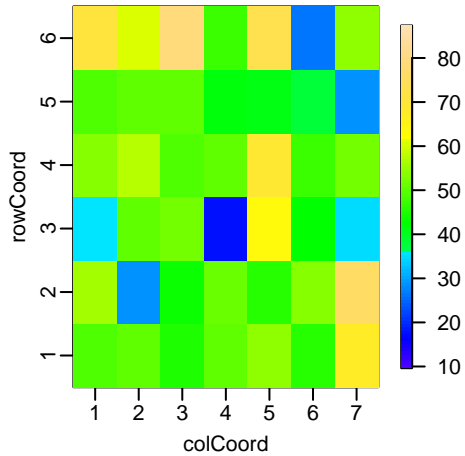


Trait: root_number – Trial: 2022134DMEPR_that

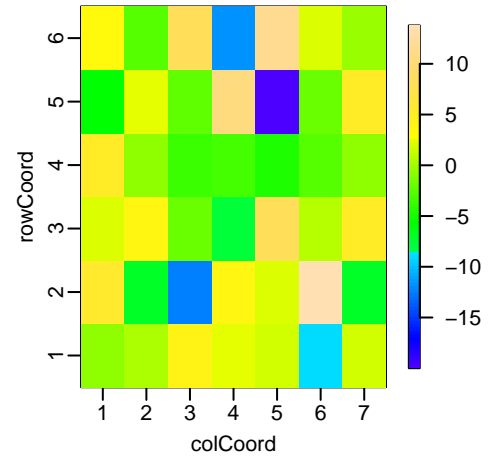
Raw data



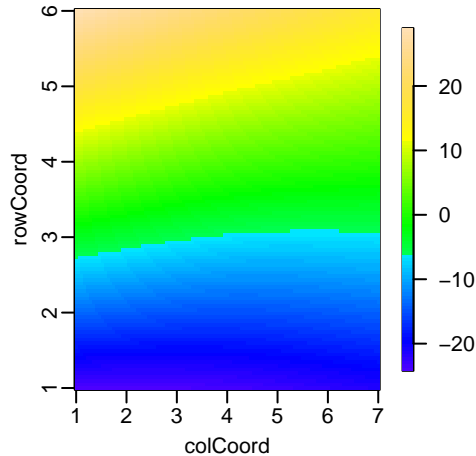
Fitted data



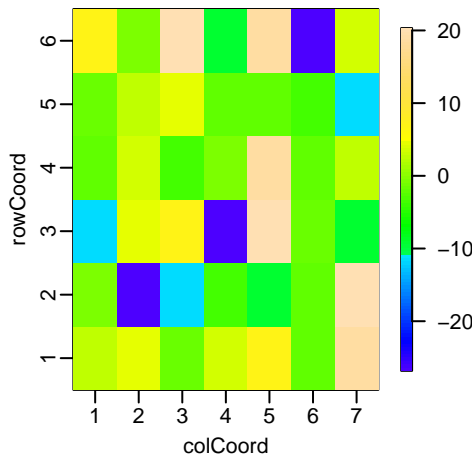
Residuals



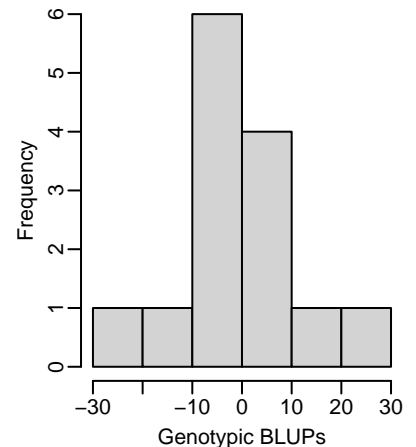
Fitted Spatial Trend



Genotypic BLUPs

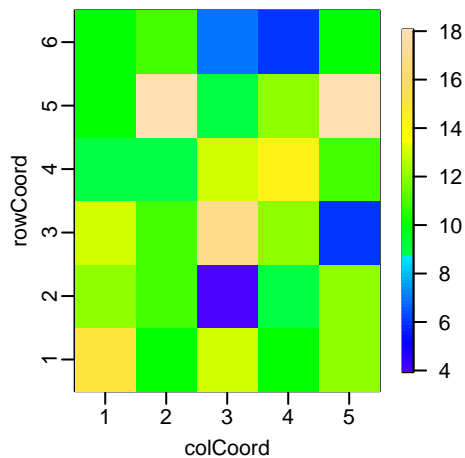


Histogram

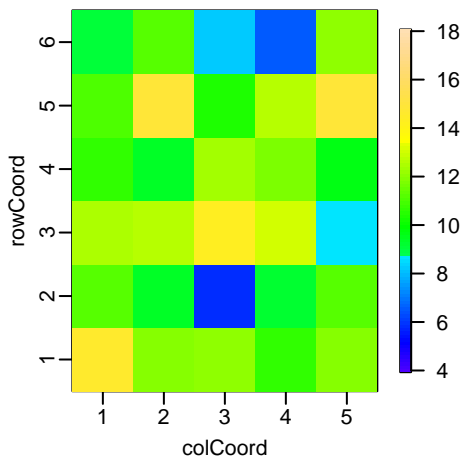


Trait: root_number – Trial: 2023127DMEPR_cham

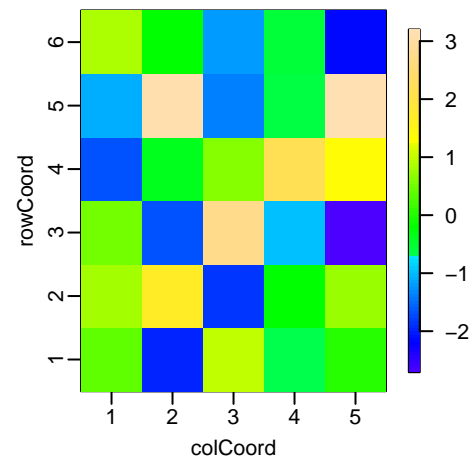
Raw data



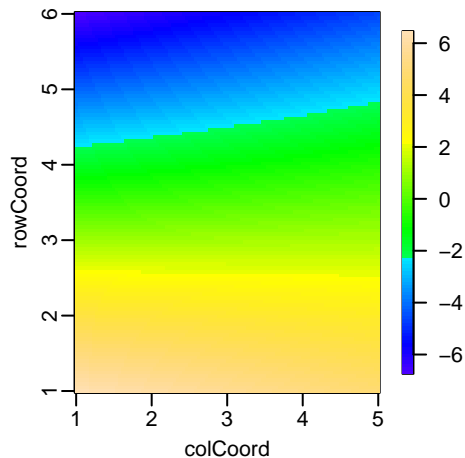
Fitted data



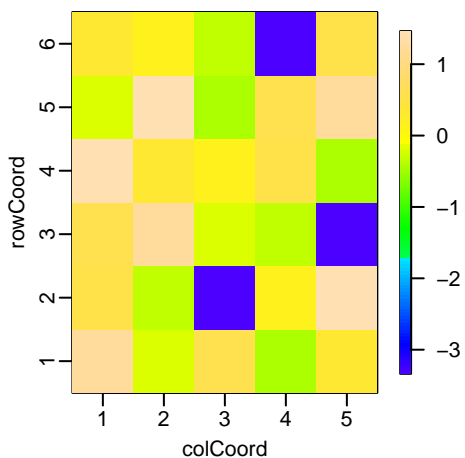
Residuals



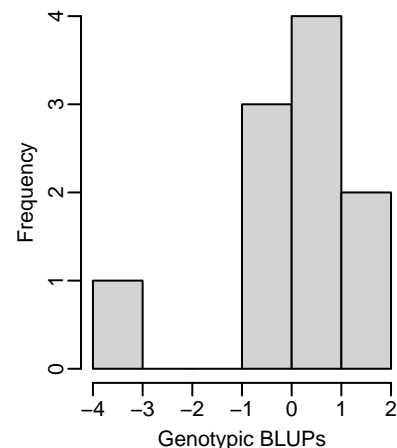
Fitted Spatial Trend



Genotypic BLUPs

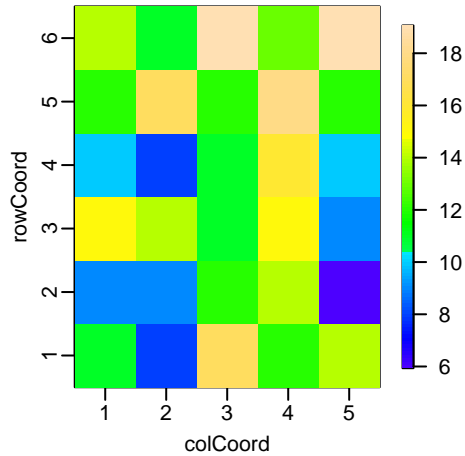


Histogram

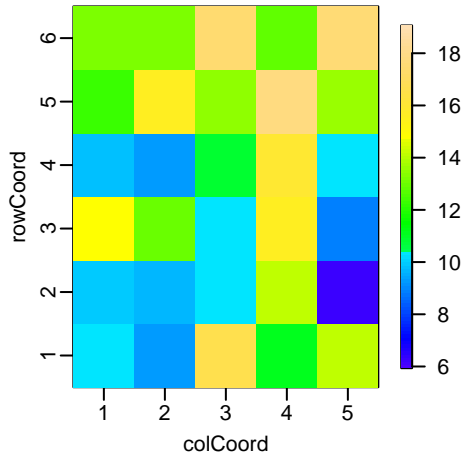


Trait: root_number – Trial: 2023130DMEPR_anlo

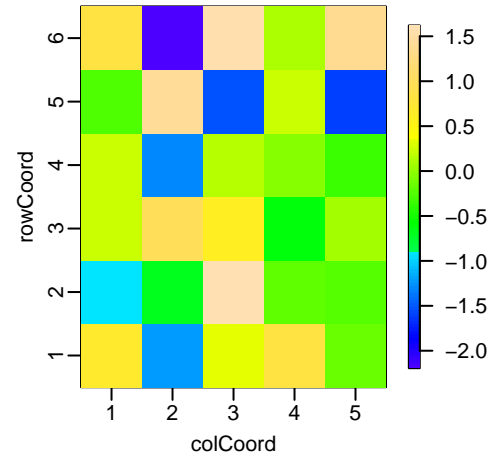
Raw data



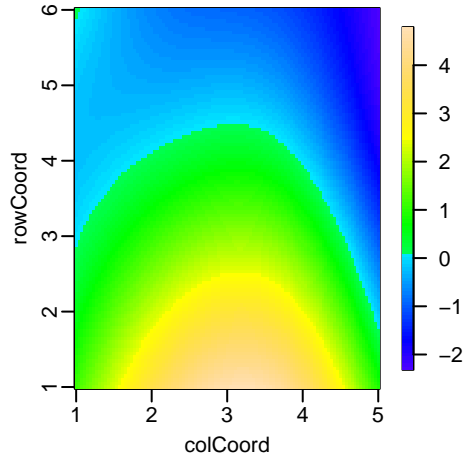
Fitted data



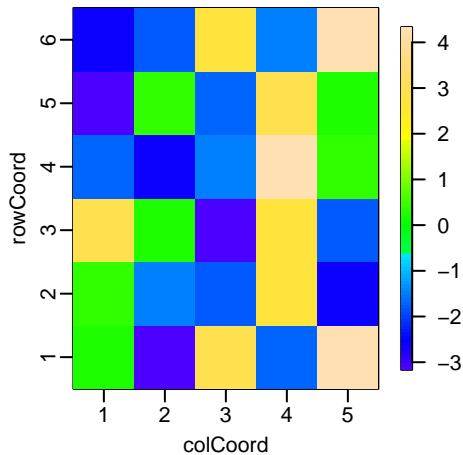
Residuals



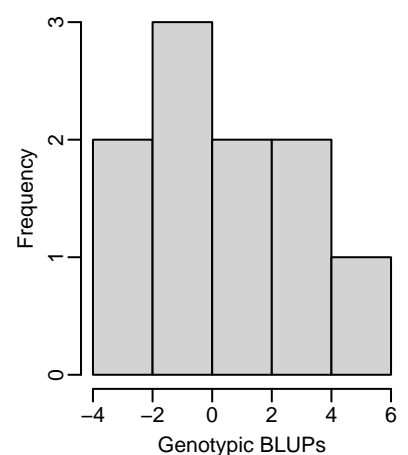
Fitted Spatial Trend



Genotypic BLUPs

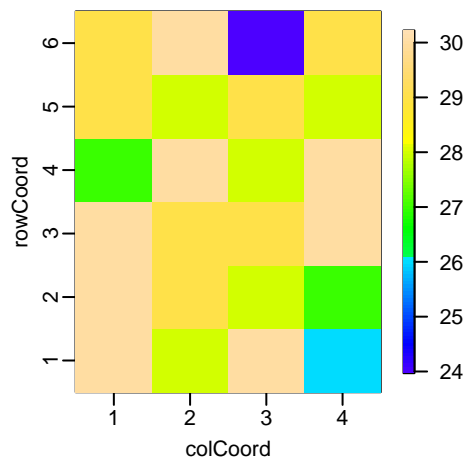


Histogram

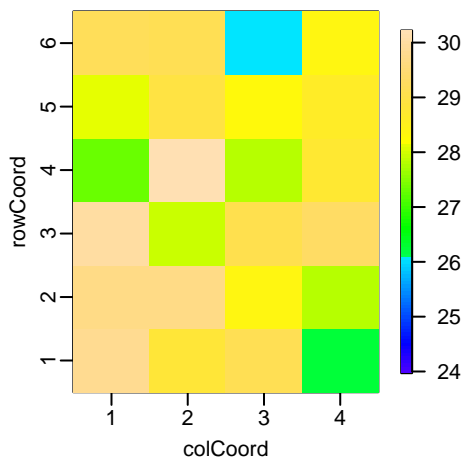


Trait: germinated_number_plot – Trial: 2022126DMAYT_cham

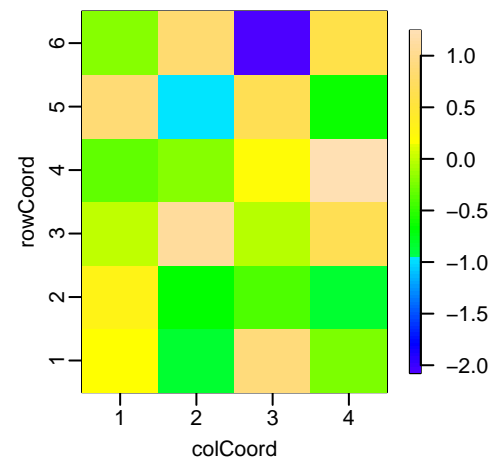
Raw data



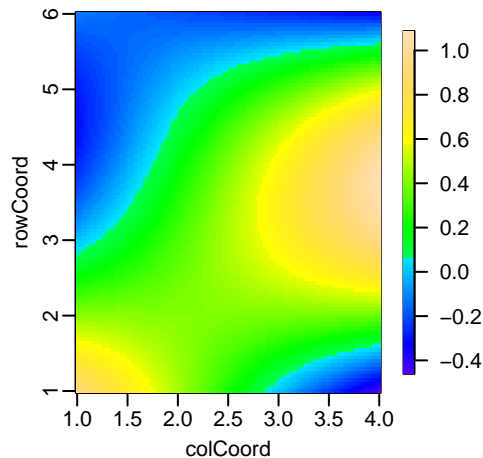
Fitted data



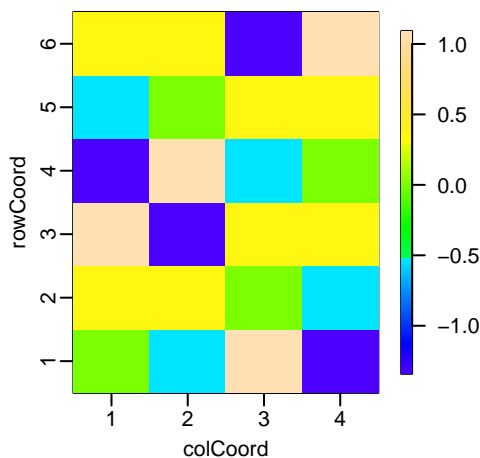
Residuals



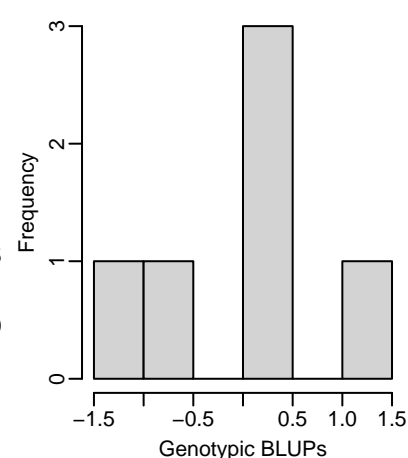
Fitted Spatial Trend



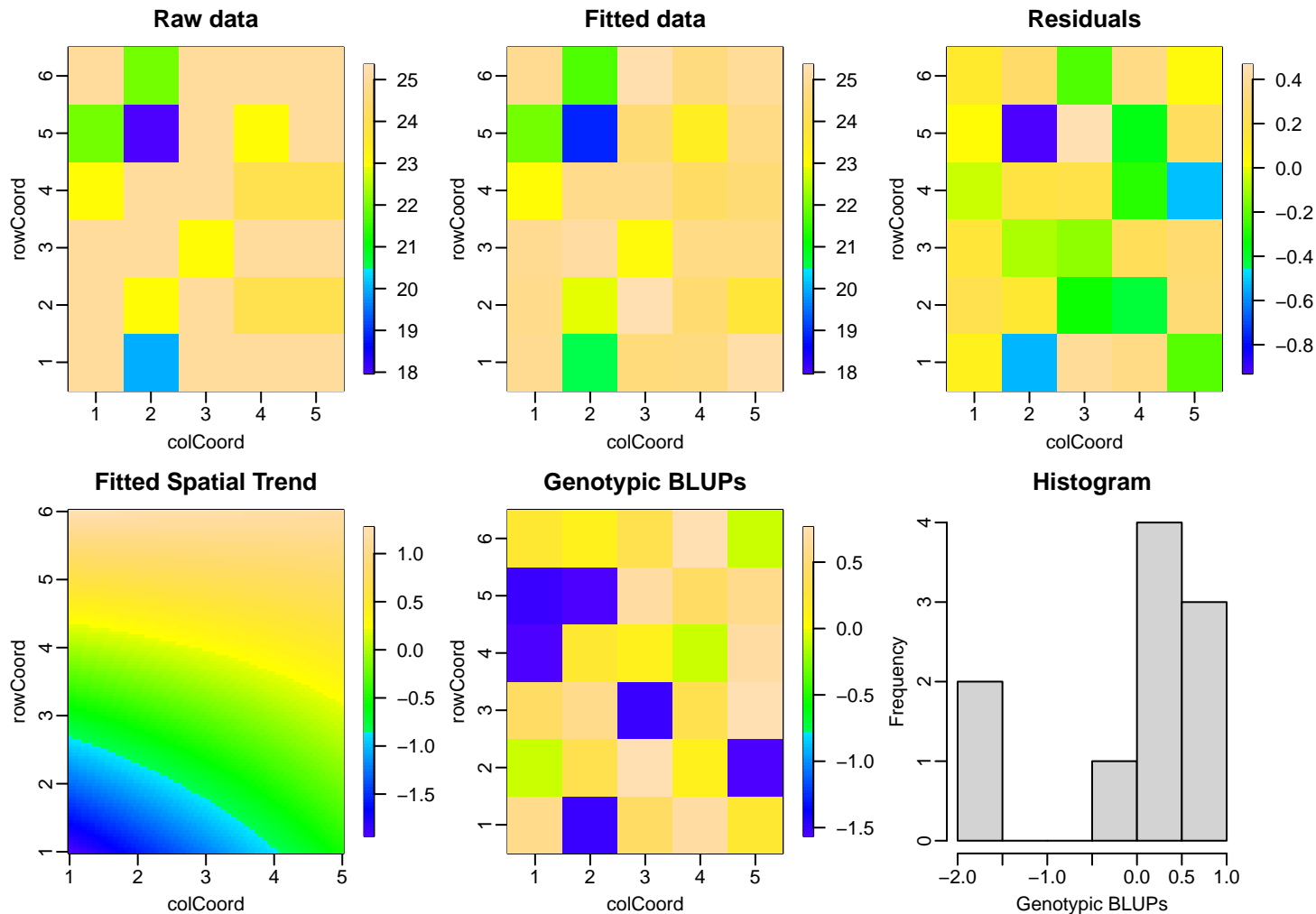
Genotypic BLUPs



Histogram

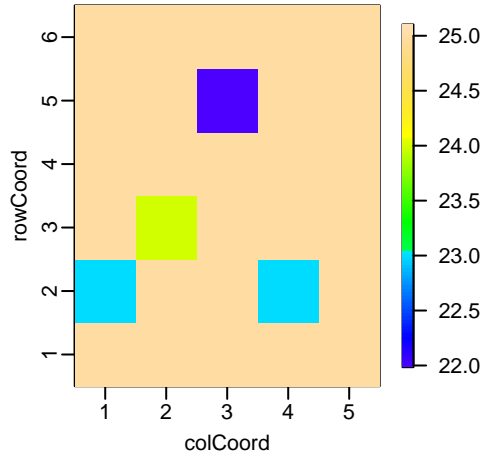


Trait: germinated_number_plot – Trial: 2023127DMEPR_cham

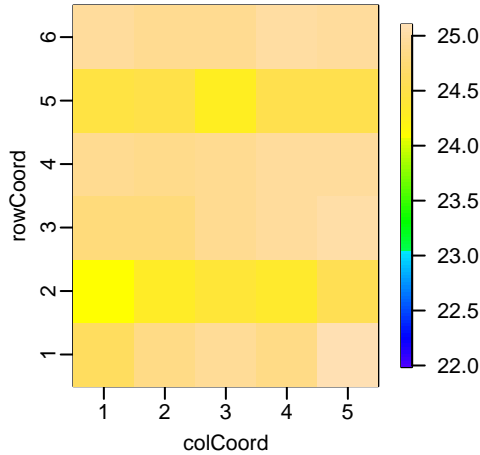


Trait: germinated_number_plot – Trial: 2023128DMEPR_bant

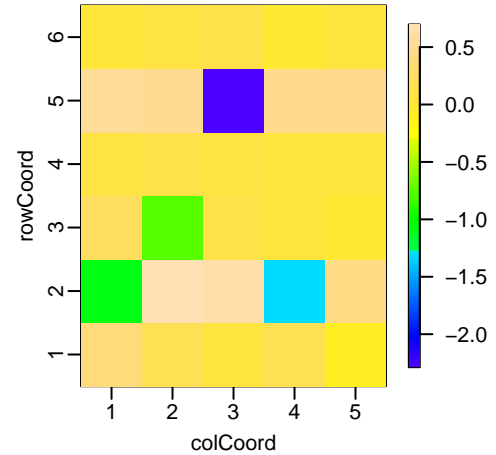
Raw data



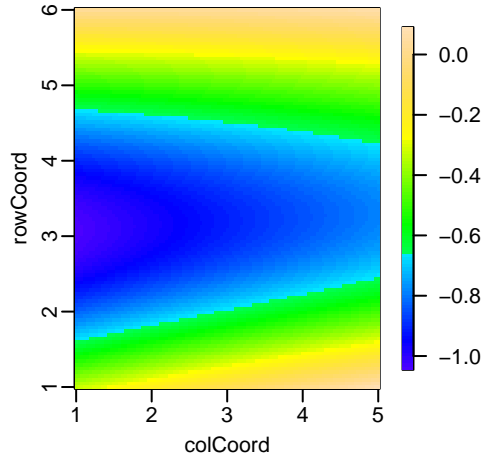
Fitted data



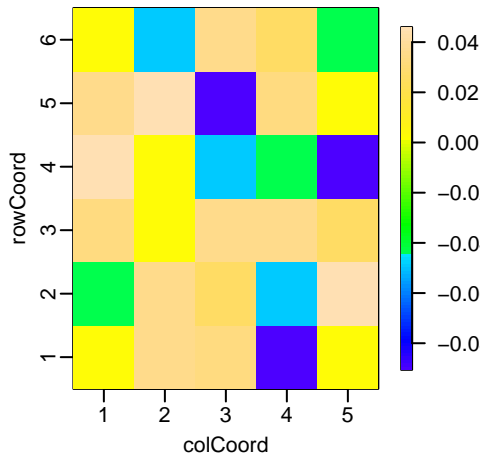
Residuals



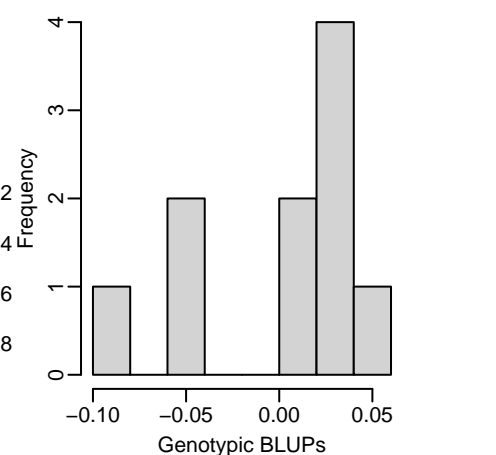
Fitted Spatial Trend



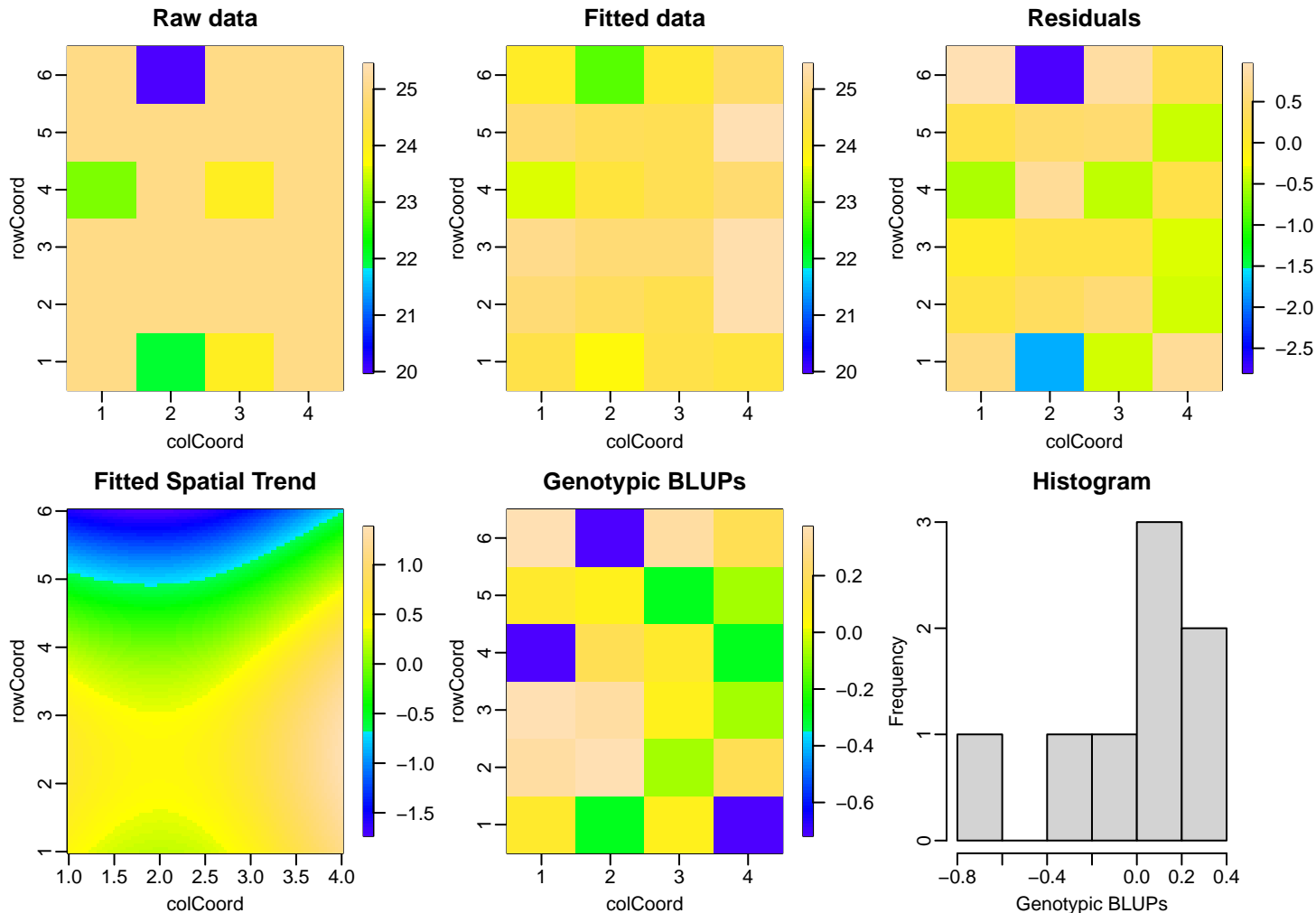
Genotypic BLUPs



Histogram

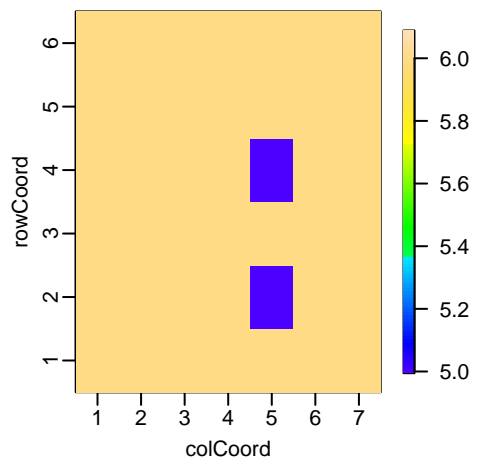


Trait: germinated_number_plot – Trial: 2023131DMEPR_stun

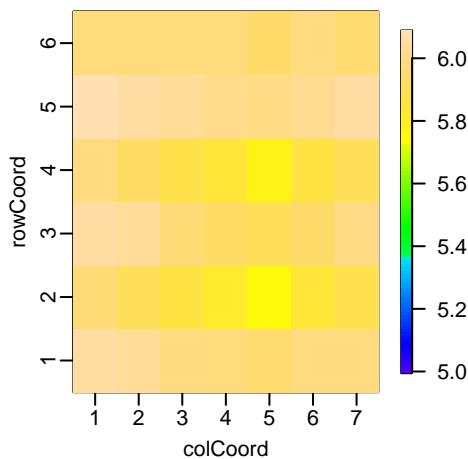


Trait: germinated_number_plot – Trial: 2023132DMEPR_naph

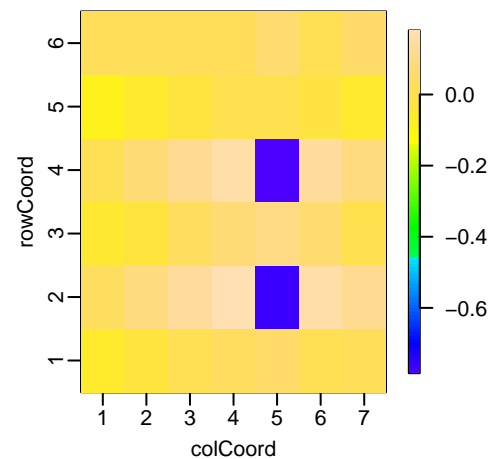
Raw data



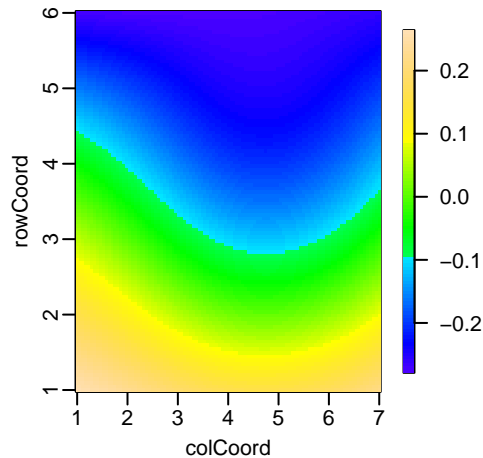
Fitted data



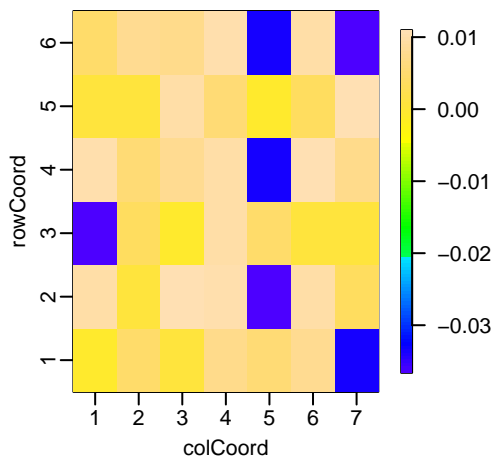
Residuals



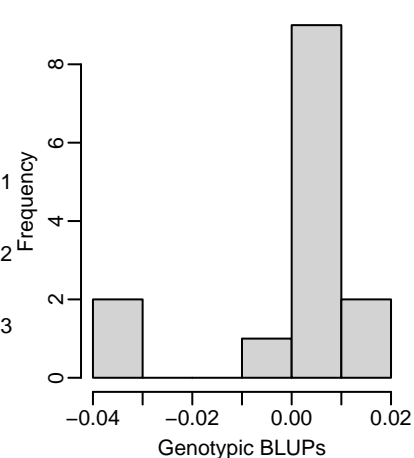
Fitted Spatial Trend



Genotypic BLUPs

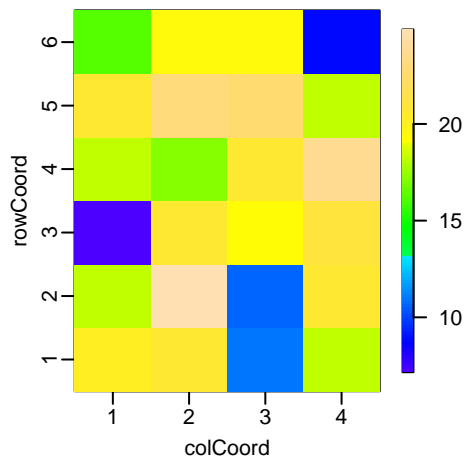


Histogram

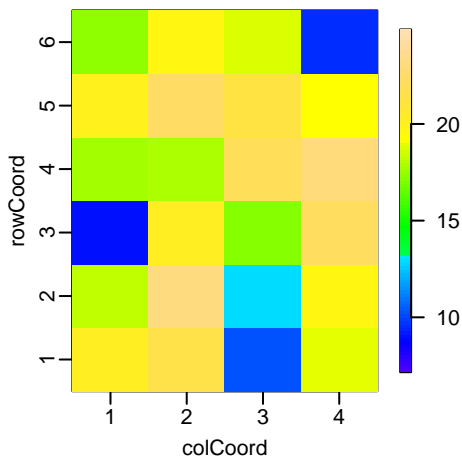


Trait: starch_content – Trial: 2022126DMAYT_cham

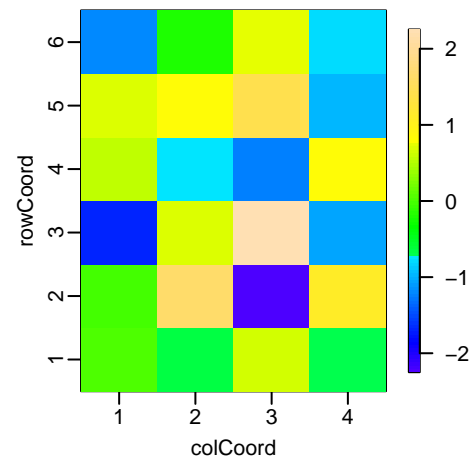
Raw data



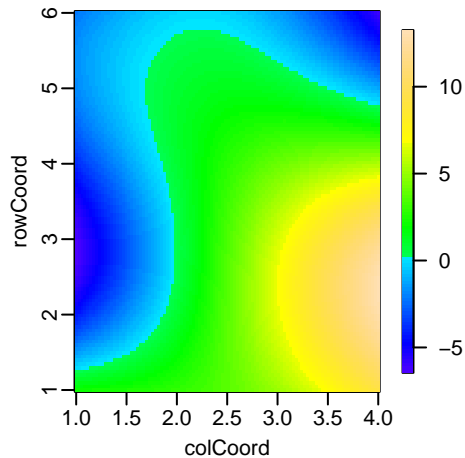
Fitted data



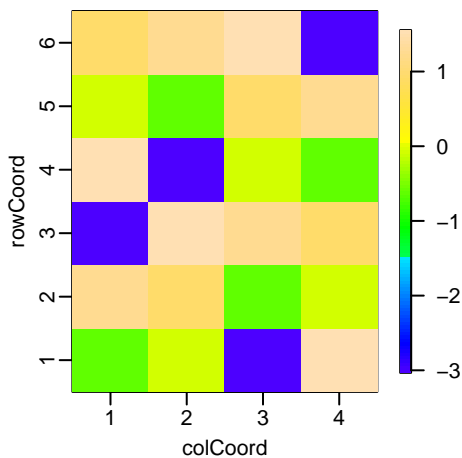
Residuals



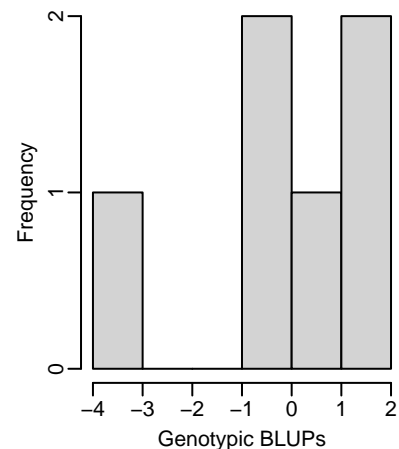
Fitted Spatial Trend



Genotypic BLUPs

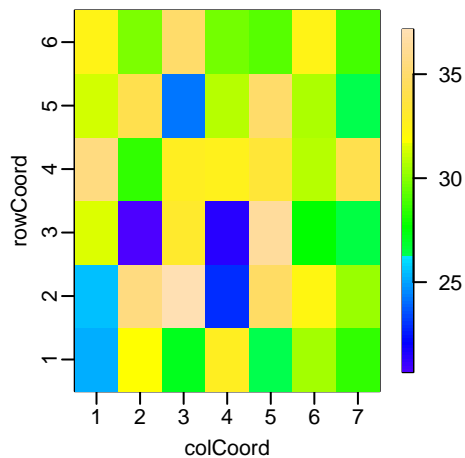


Histogram

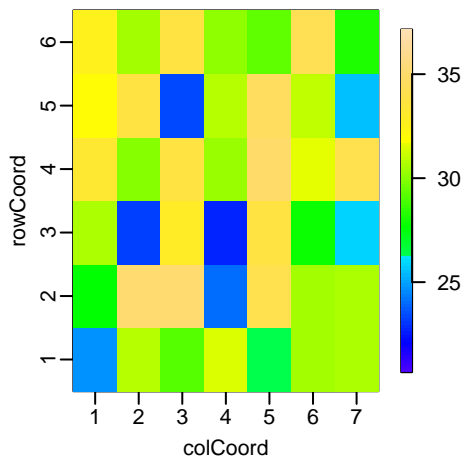


Trait: starch_content – Trial: 2022133DMEPR_laog

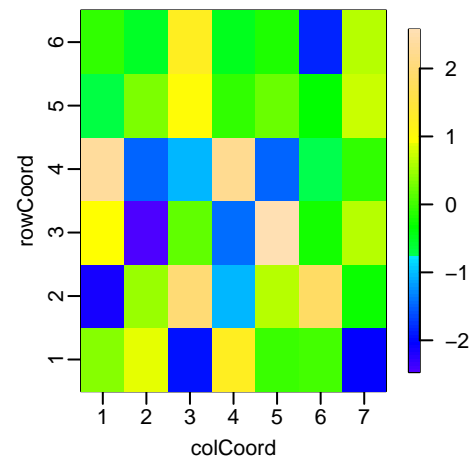
Raw data



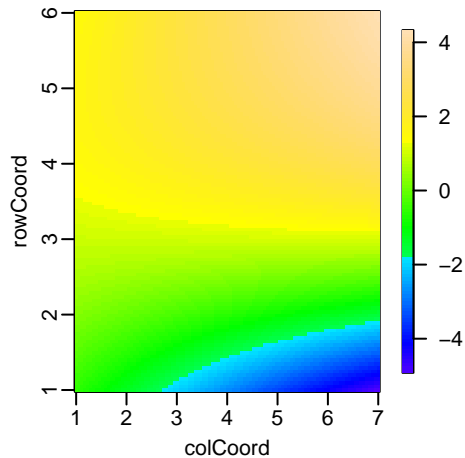
Fitted data



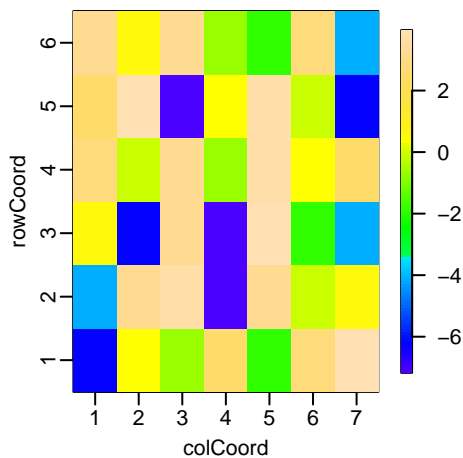
Residuals



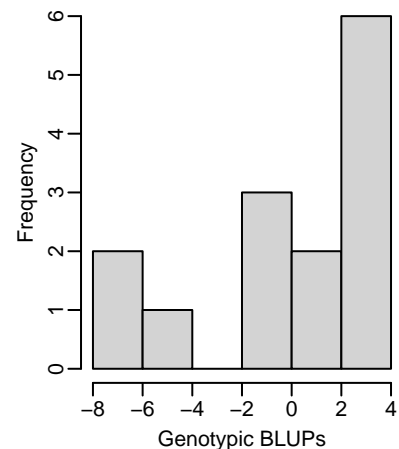
Fitted Spatial Trend



Genotypic BLUPs

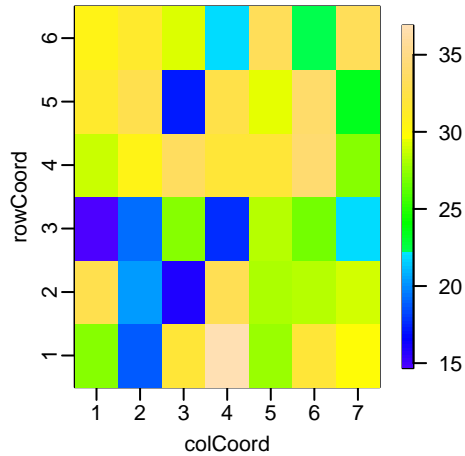


Histogram

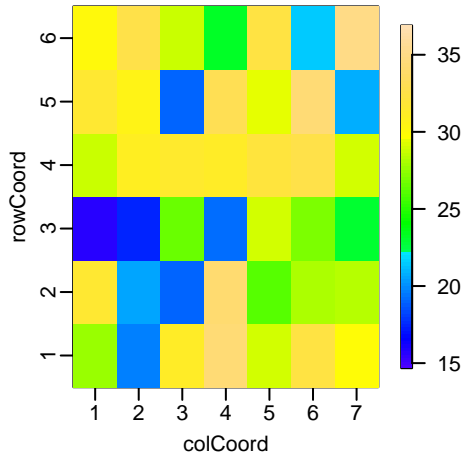


Trait: starch_content – Trial: 2022134DMEPR_tha

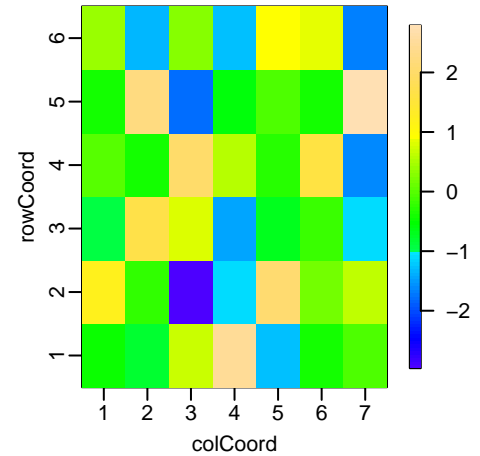
Raw data



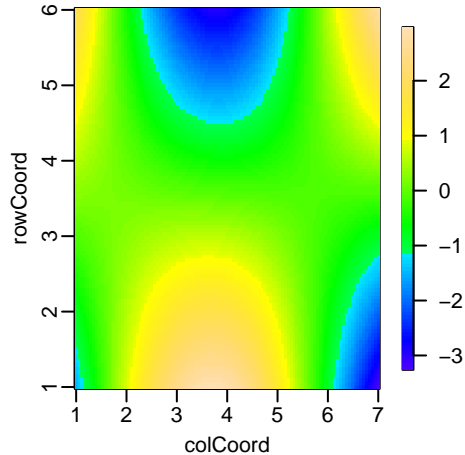
Fitted data



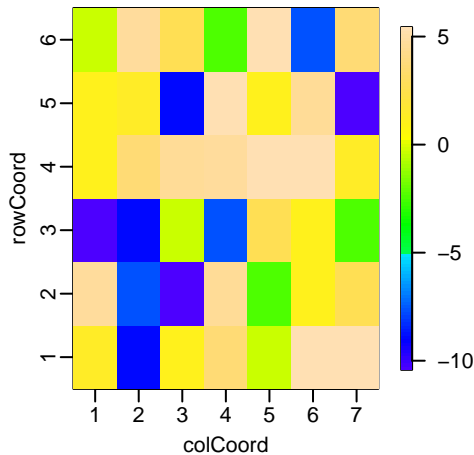
Residuals



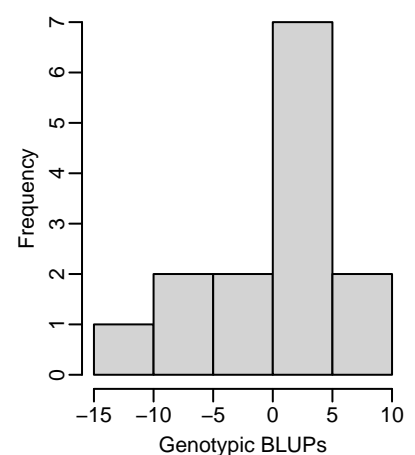
Fitted Spatial Trend



Genotypic BLUPs

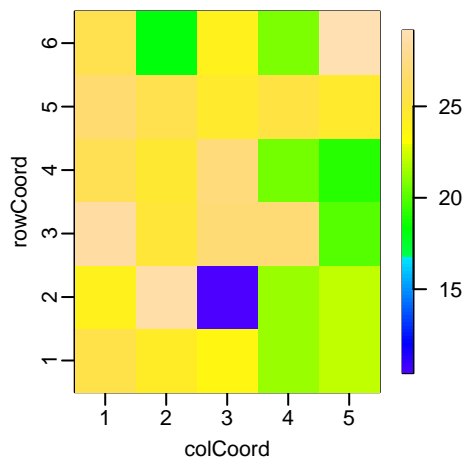


Histogram

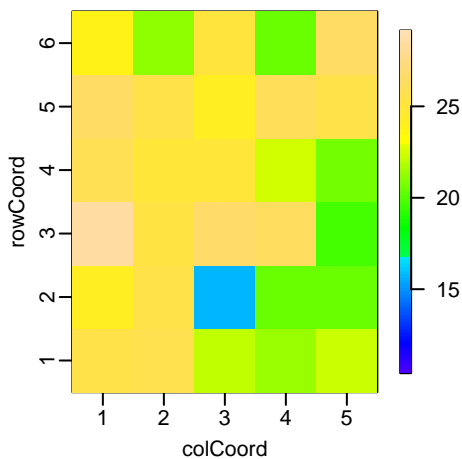


Trait: starch_content – Trial: 2023127DMEPR_cham

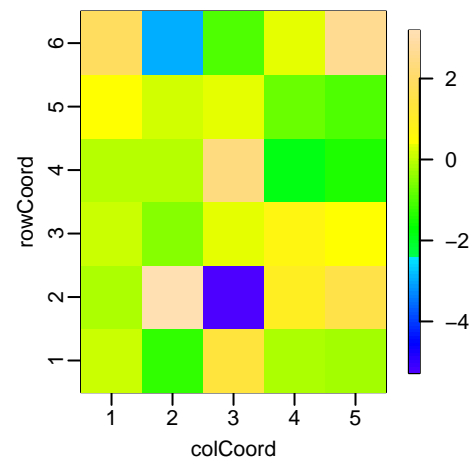
Raw data



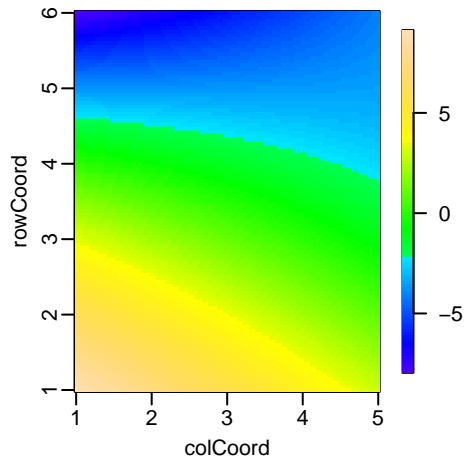
Fitted data



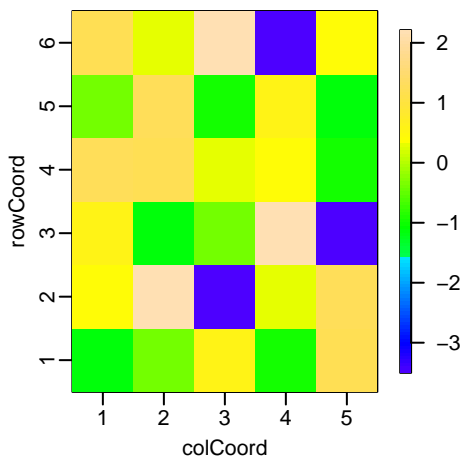
Residuals



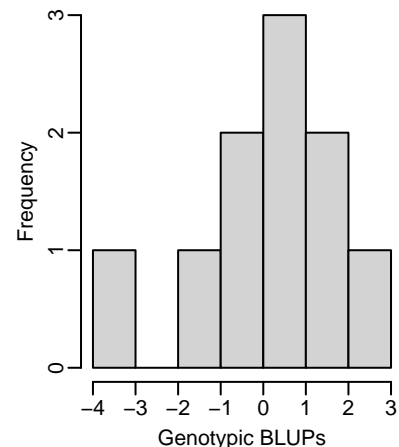
Fitted Spatial Trend



Genotypic BLUPs

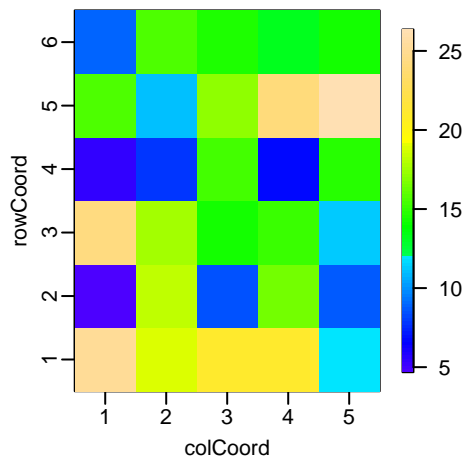


Histogram

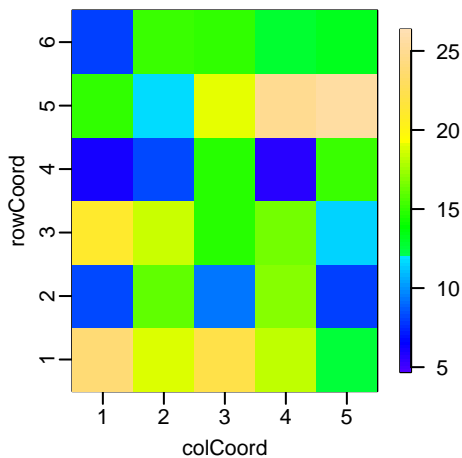


Trait: starch_content – Trial: 2023128DMEPR_bant

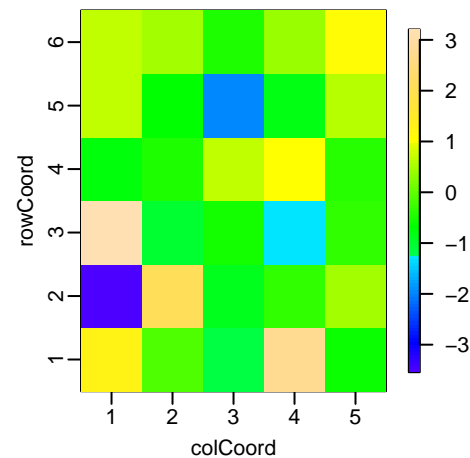
Raw data



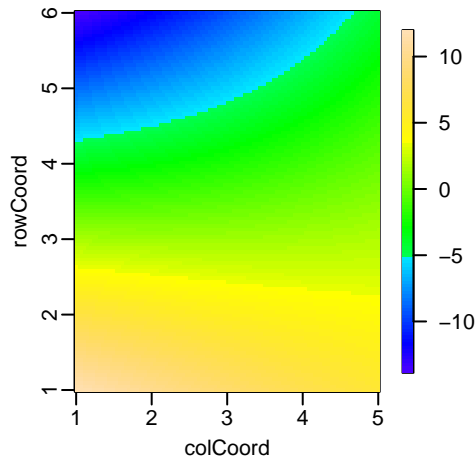
Fitted data



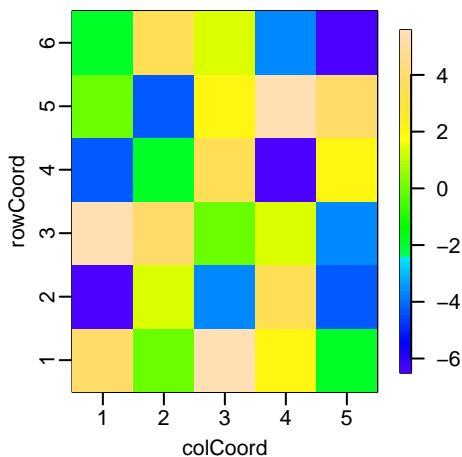
Residuals



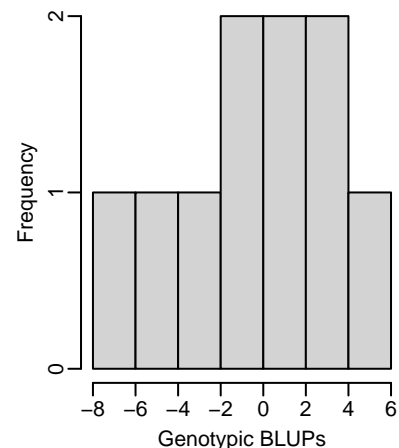
Fitted Spatial Trend



Genotypic BLUPs

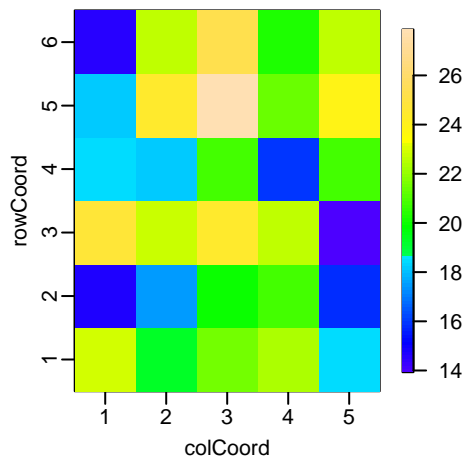


Histogram

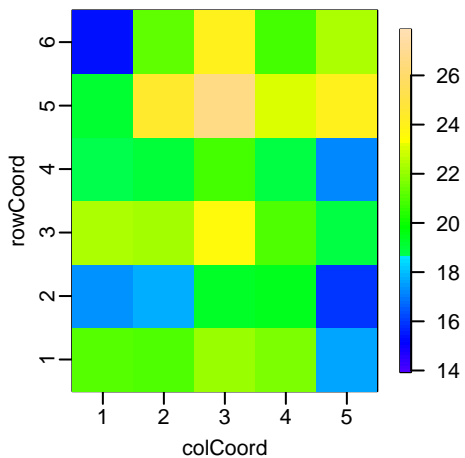


Trait: starch_content – Trial: 2023130DMEPR_anlo

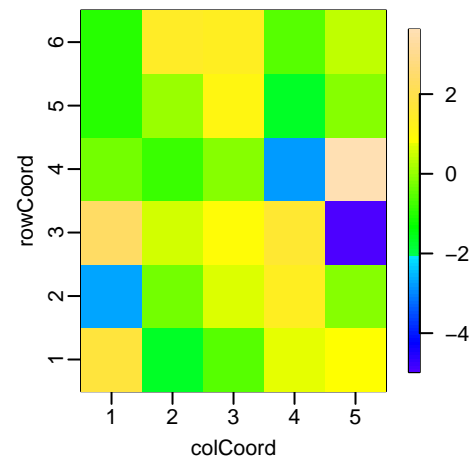
Raw data



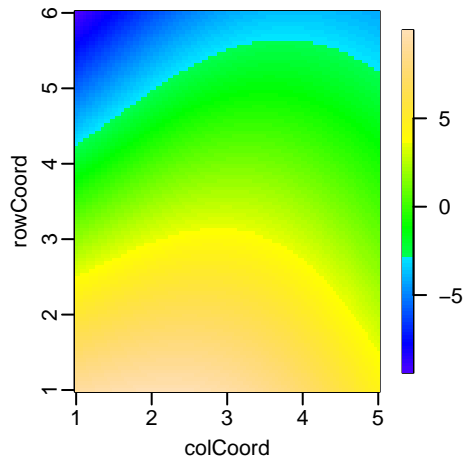
Fitted data



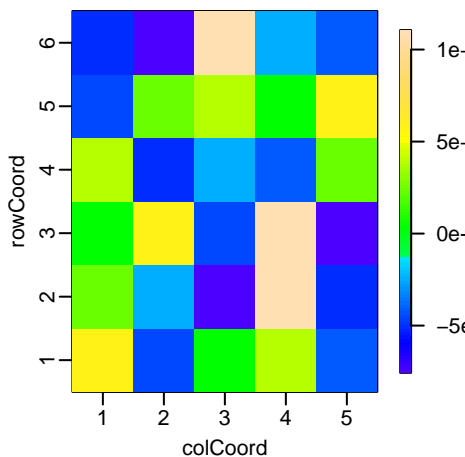
Residuals



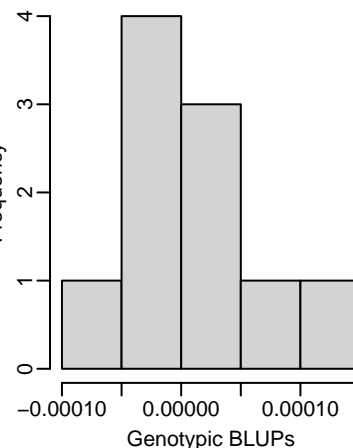
Fitted Spatial Trend



Genotypic BLUPs

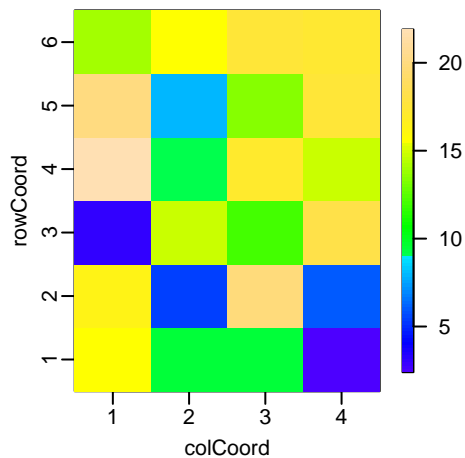


Histogram

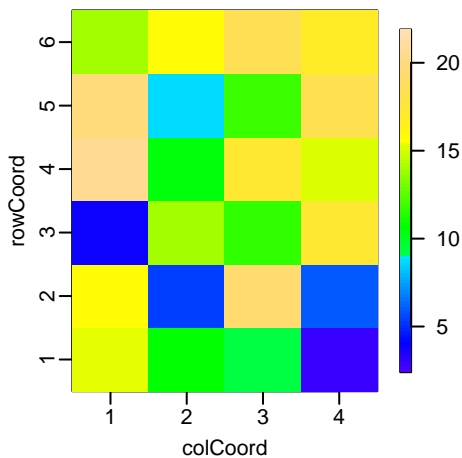


Trait: starch_content – Trial: 2023131DMEPR_stun

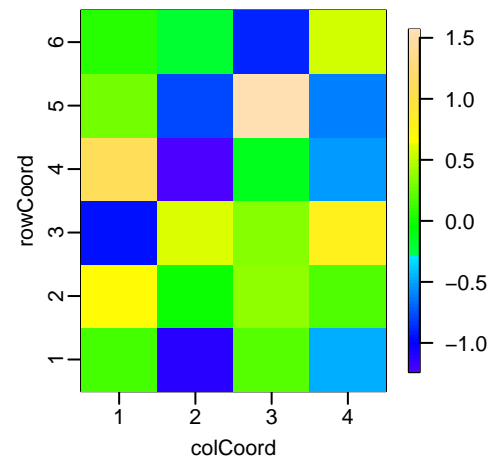
Raw data



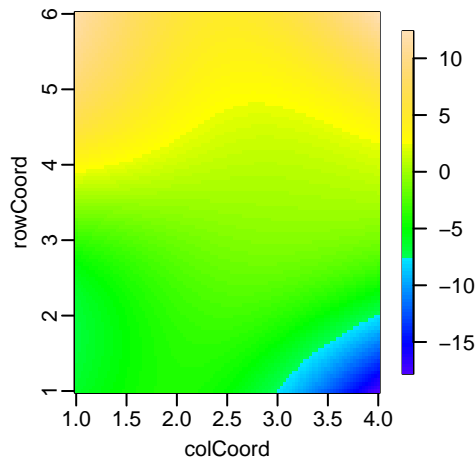
Fitted data



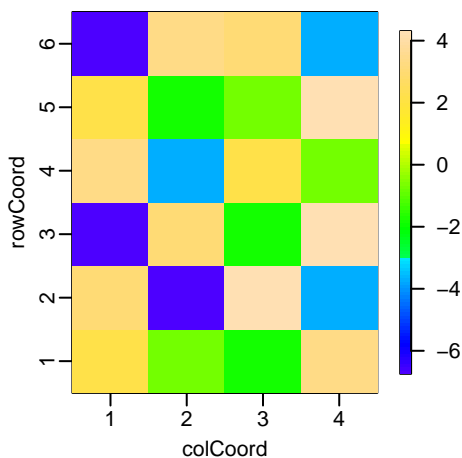
Residuals



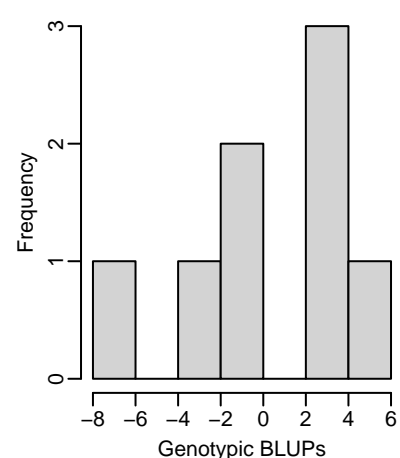
Fitted Spatial Trend



Genotypic BLUPs

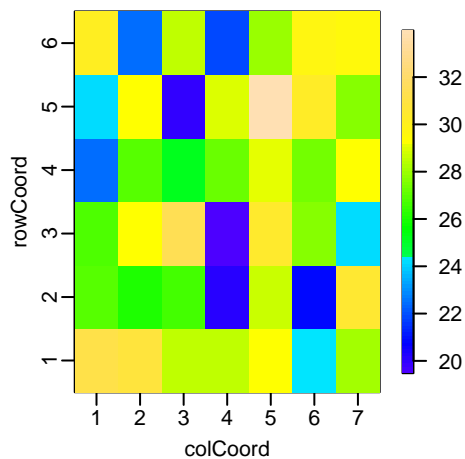


Histogram

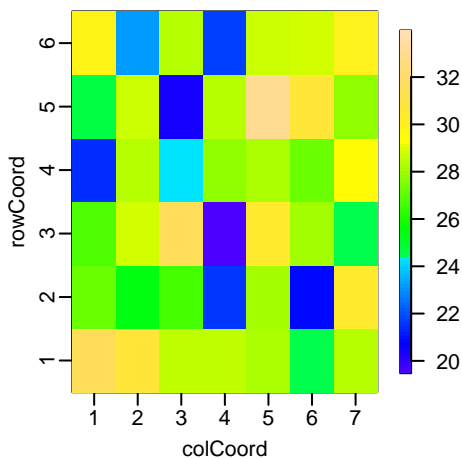


Trait: starch_content – Trial: 2023132DMEPR_naph

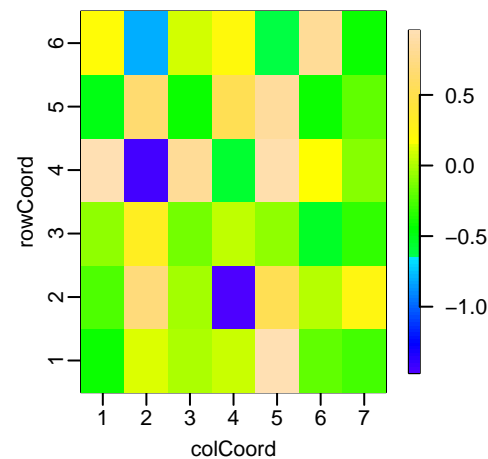
Raw data



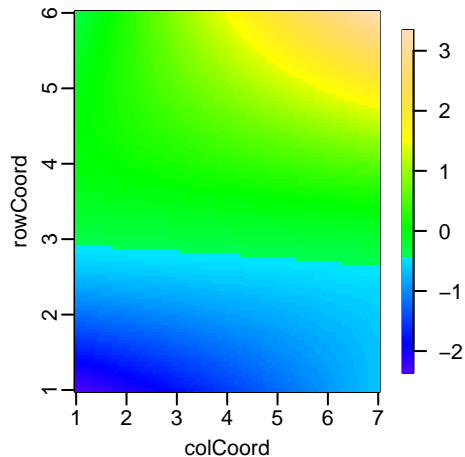
Fitted data



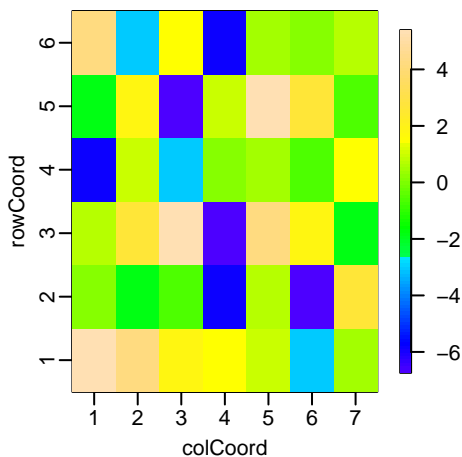
Residuals



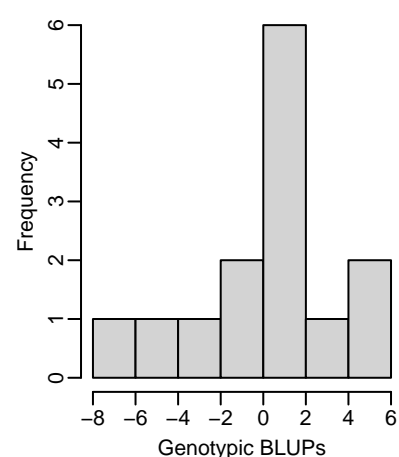
Fitted Spatial Trend



Genotypic BLUPs

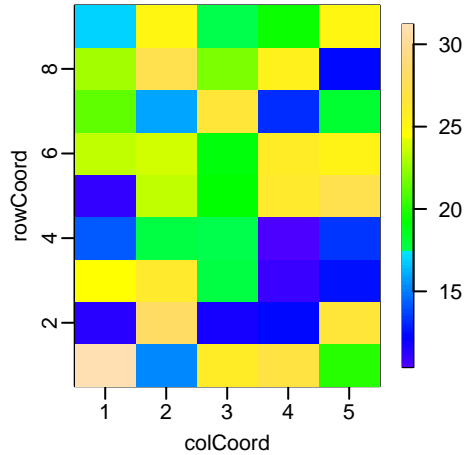


Histogram

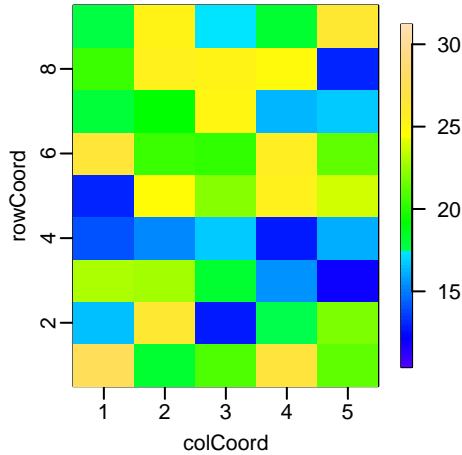


Trait: starch_content – Trial: 2023135DMEPR_blik

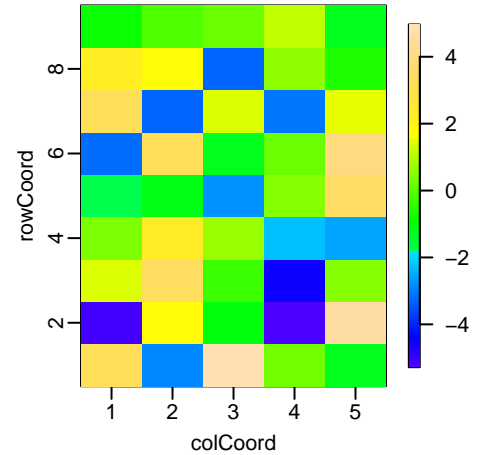
Raw data



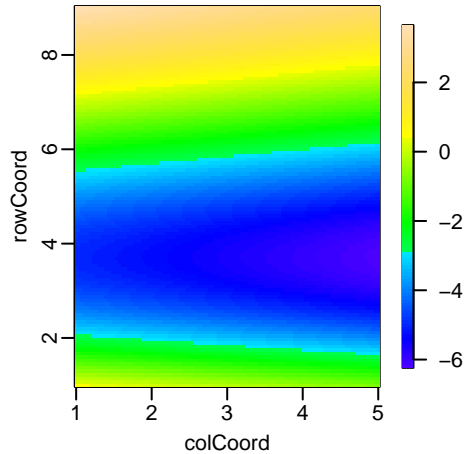
Fitted data



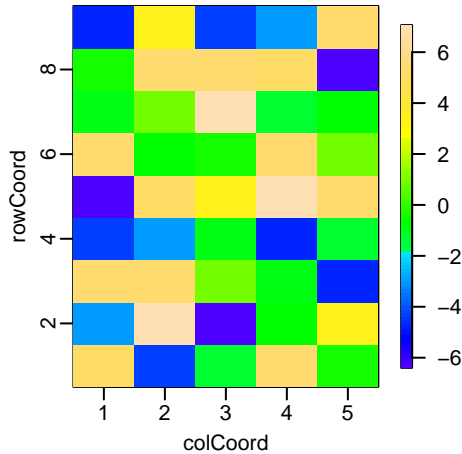
Residuals



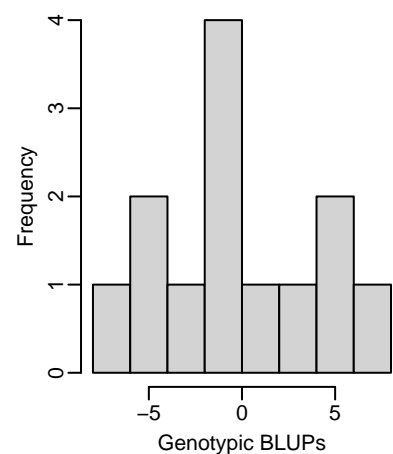
Fitted Spatial Trend



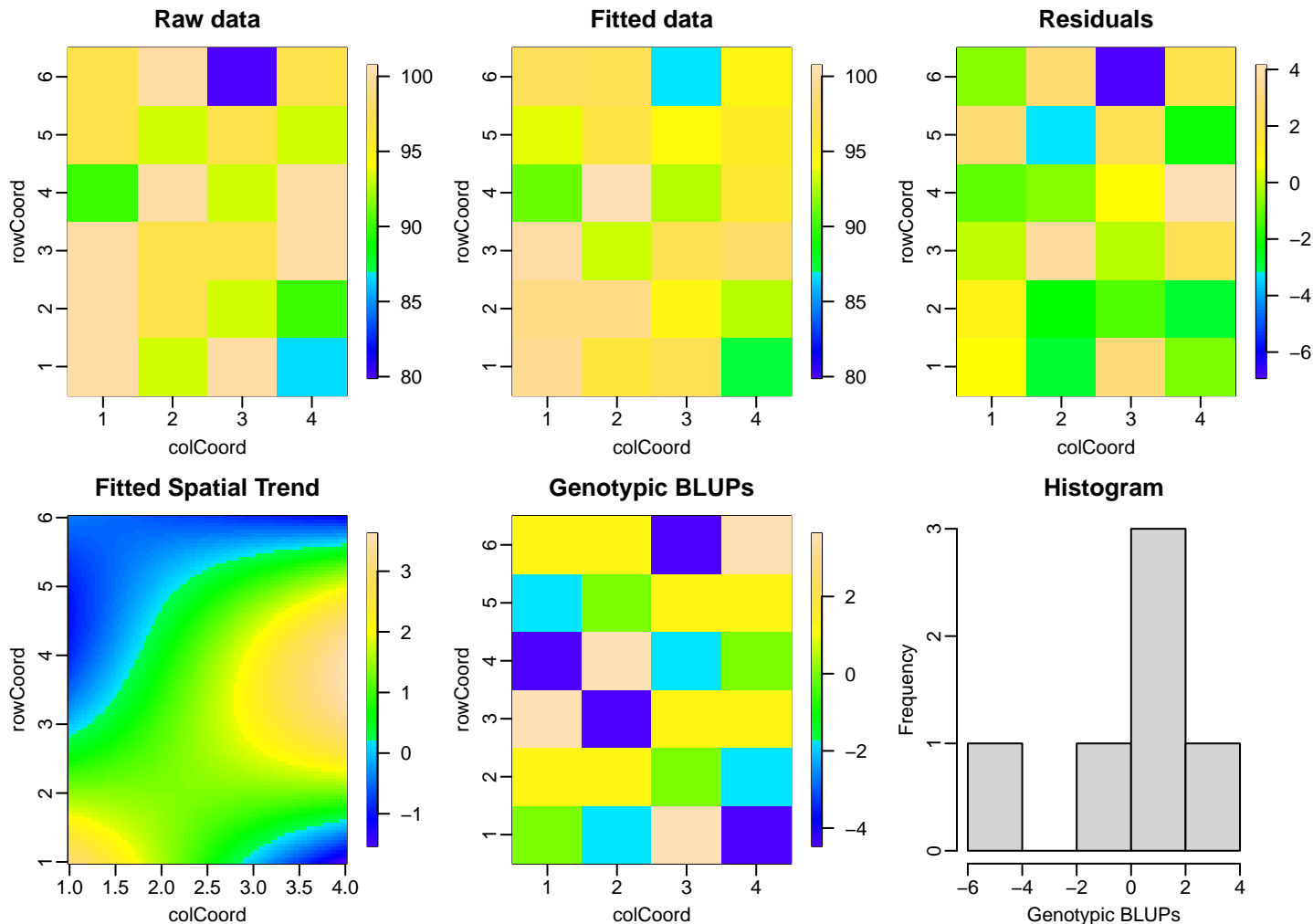
Genotypic BLUPs



Histogram

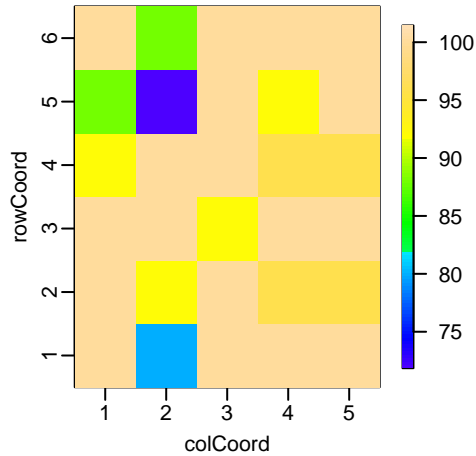


Trait: germination_perc – Trial: 2022126DMAYT_cham

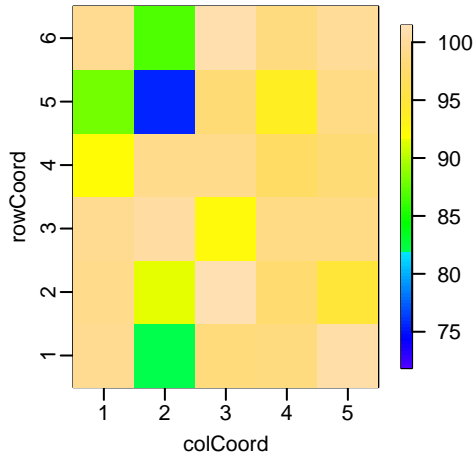


Trait: germination_perc – Trial: 2023127DMEPR_cham

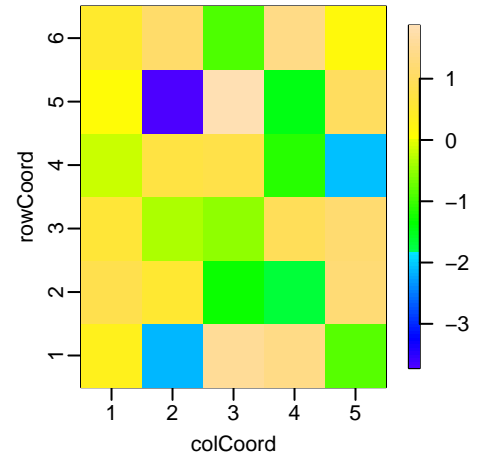
Raw data



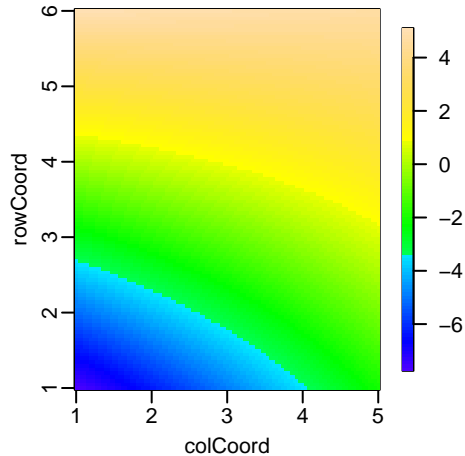
Fitted data



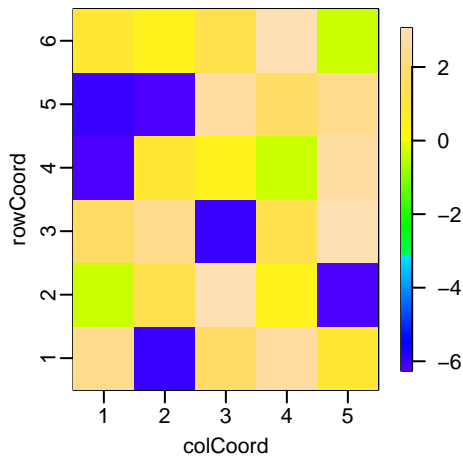
Residuals



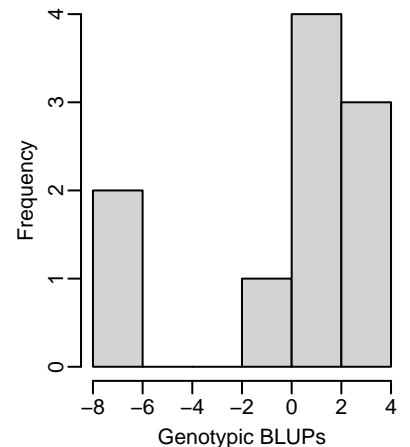
Fitted Spatial Trend



Genotypic BLUPs

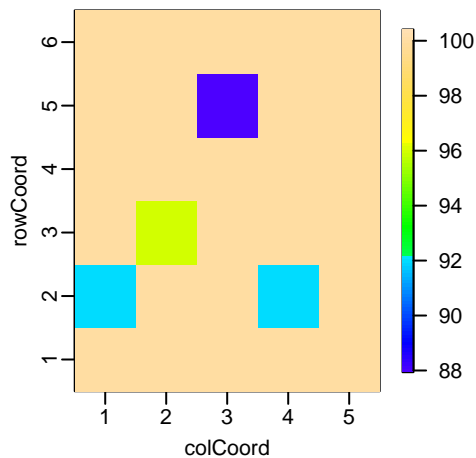


Histogram

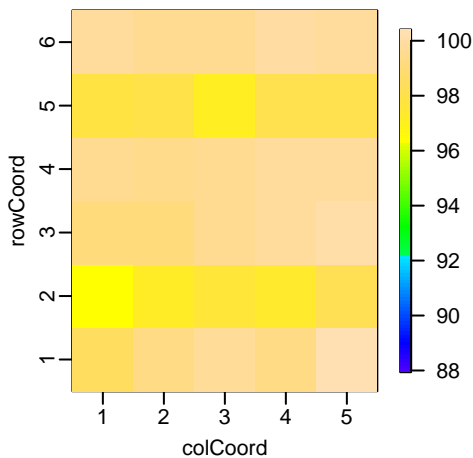


Trait: germination_perc – Trial: 2023128DMEPR_bant

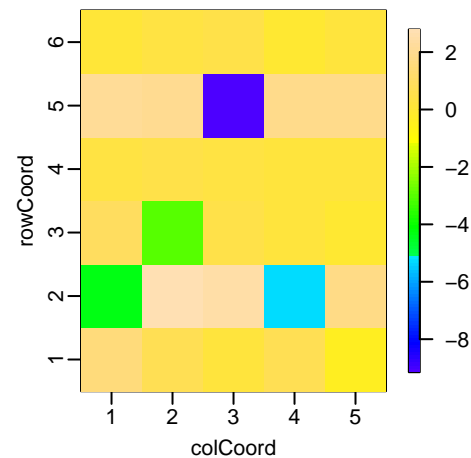
Raw data



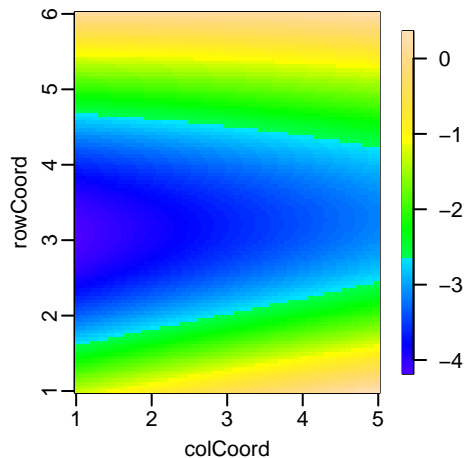
Fitted data



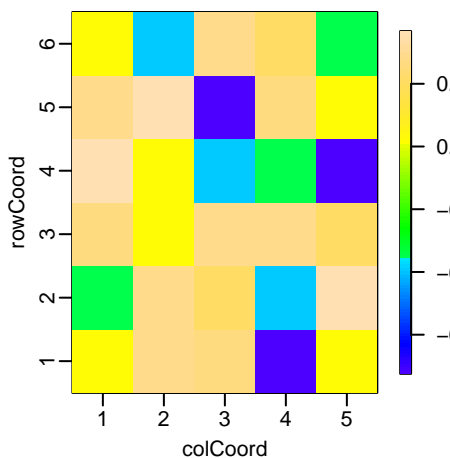
Residuals



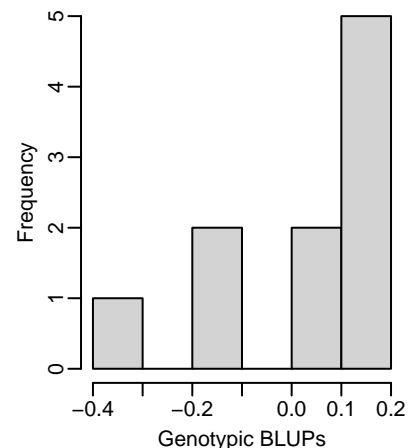
Fitted Spatial Trend



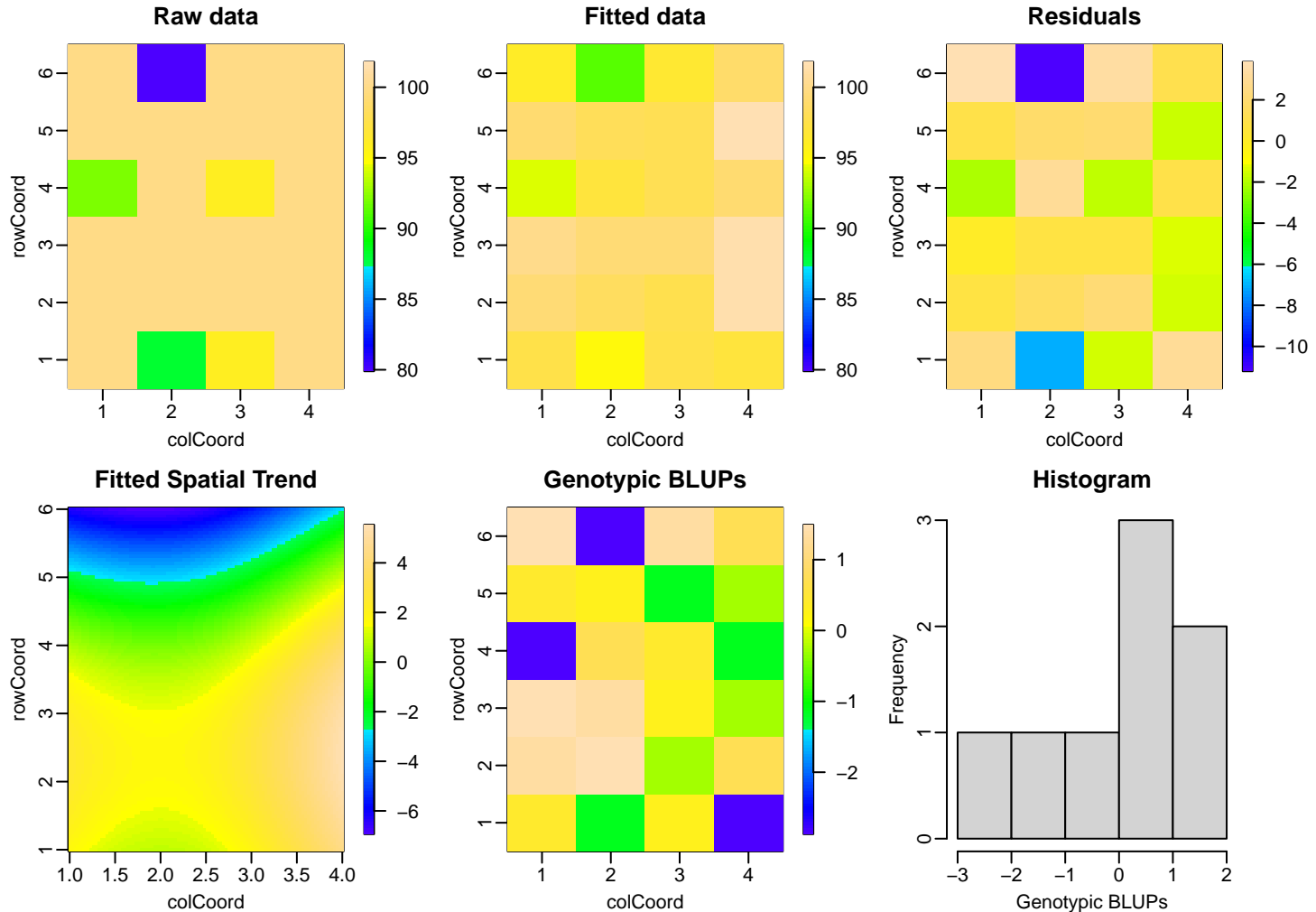
Genotypic BLUPs



Histogram

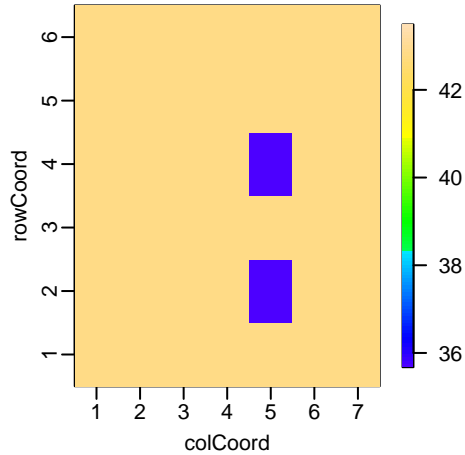


Trait: germination_perc – Trial: 2023131DMEPR_stun

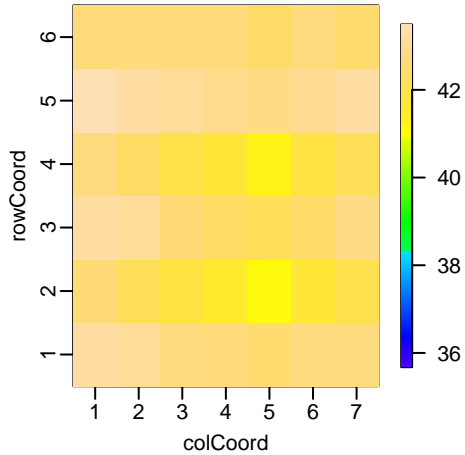


Trait: germination_perc – Trial: 2023132DMEPR_naph

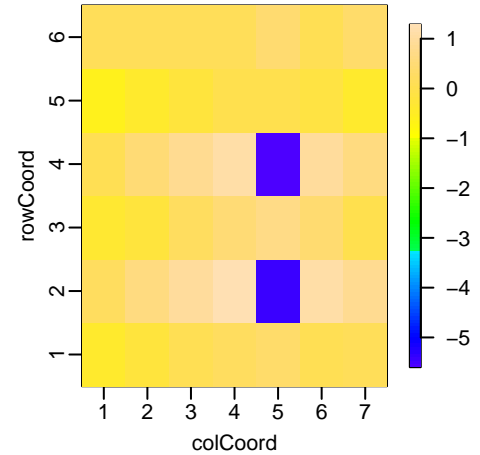
Raw data



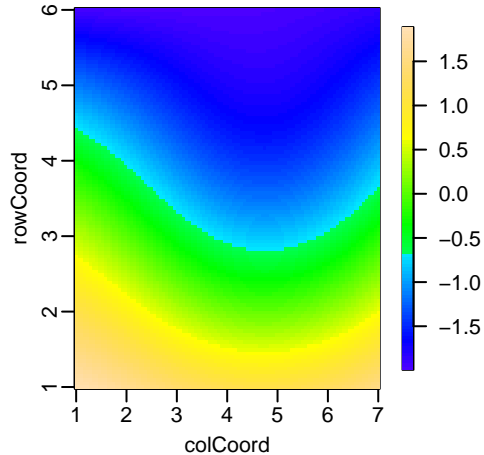
Fitted data



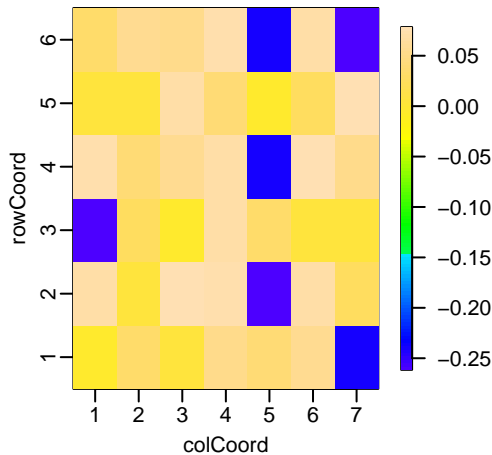
Residuals



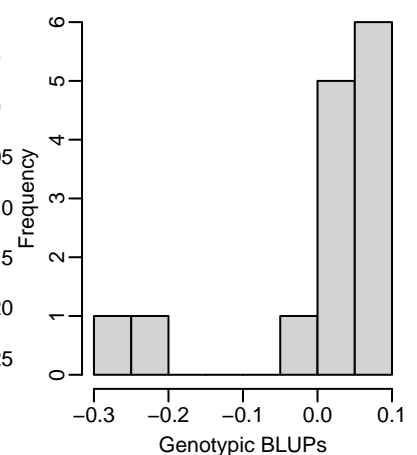
Fitted Spatial Trend



Genotypic BLUPs

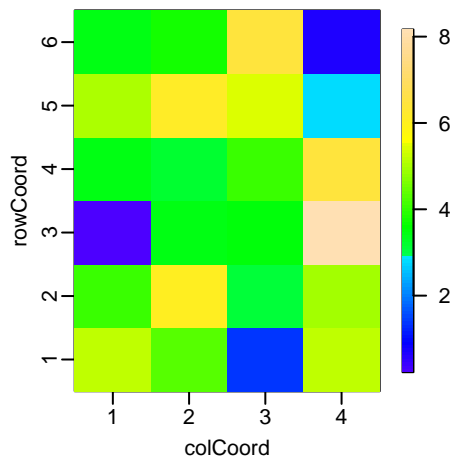


Histogram

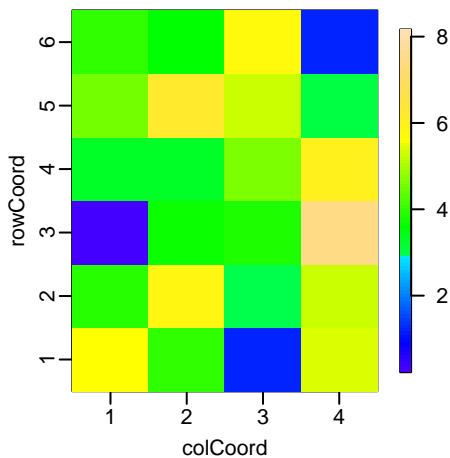


Trait: starch_yield_ha – Trial: 2022126DMAYT_cham

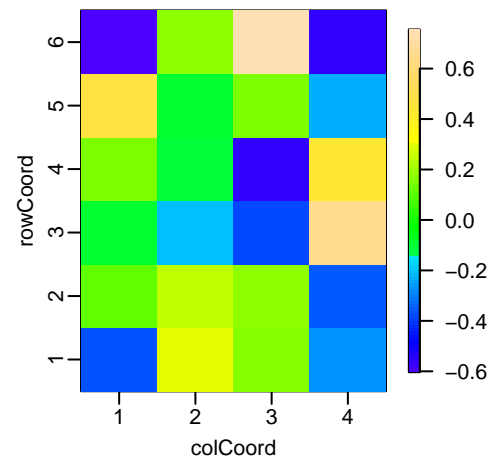
Raw data



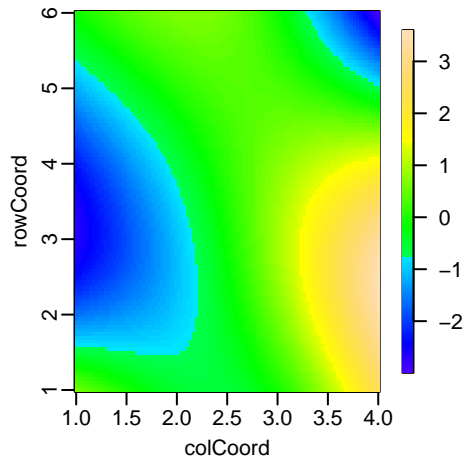
Fitted data



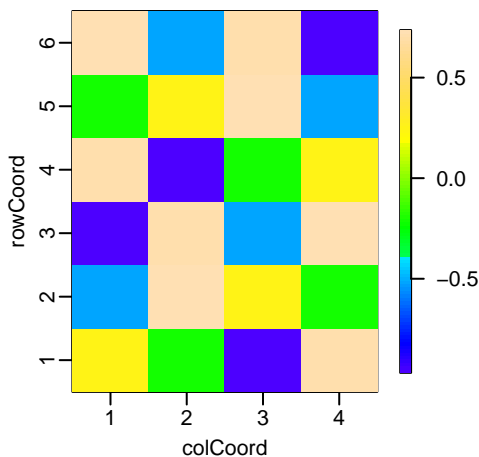
Residuals



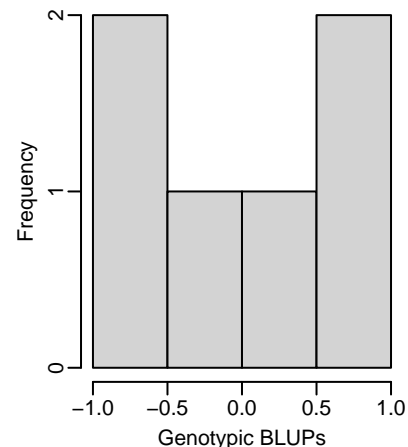
Fitted Spatial Trend



Genotypic BLUPs

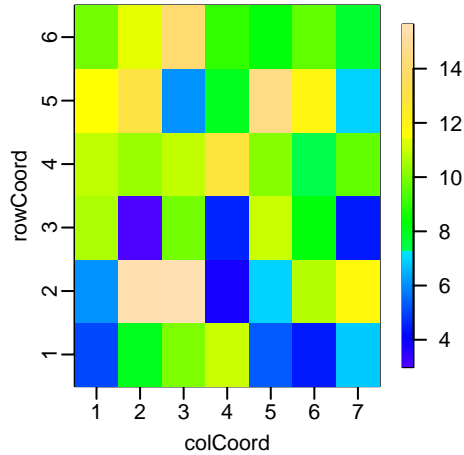


Histogram

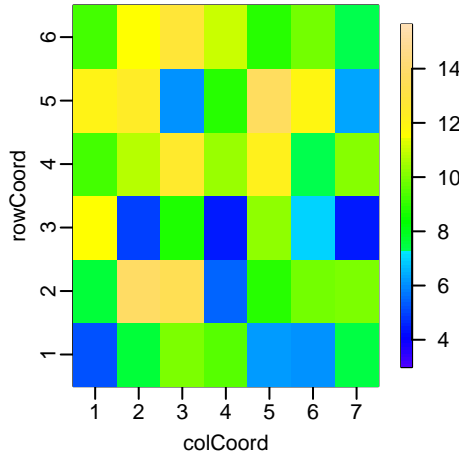


Trait: starch_yield_ha – Trial: 2022133DMEPR_laog

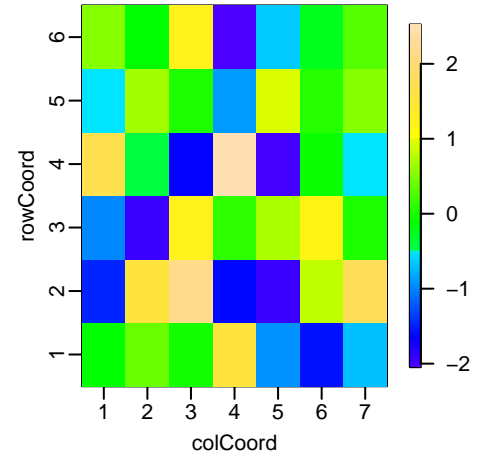
Raw data



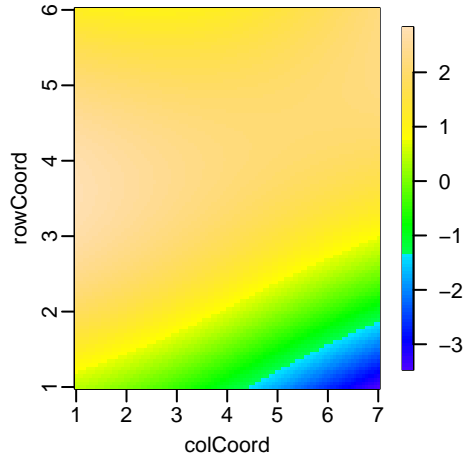
Fitted data



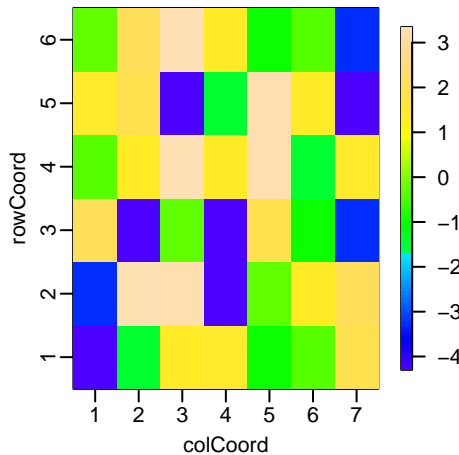
Residuals



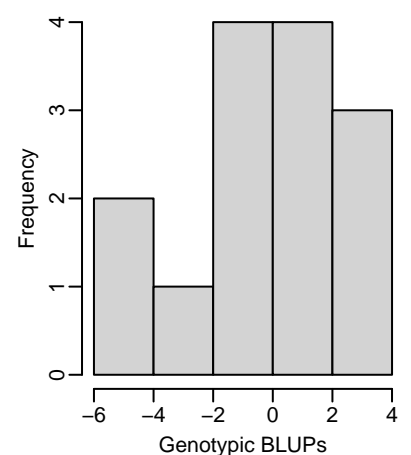
Fitted Spatial Trend



Genotypic BLUPs

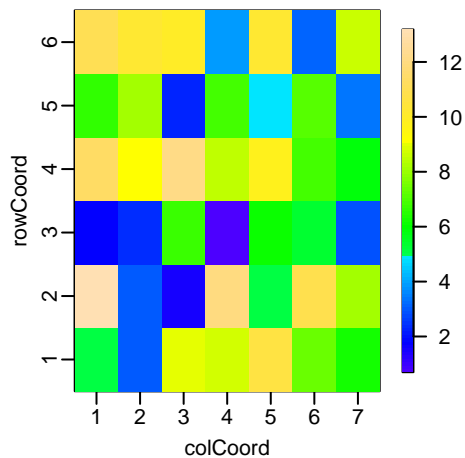


Histogram

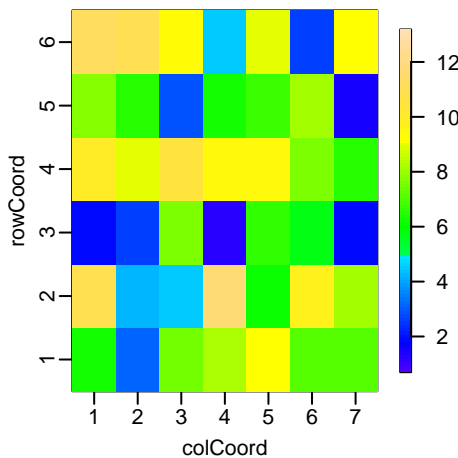


Trait: starch_yield_ha – Trial: 2022134DMEPR_that

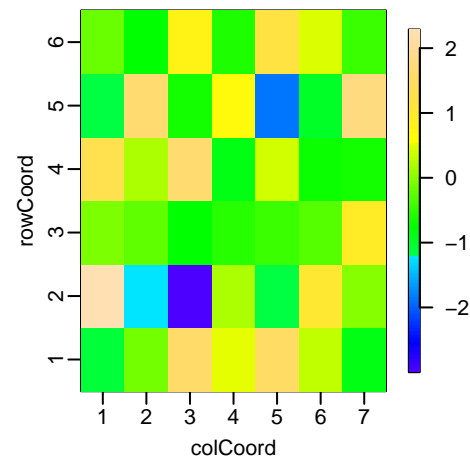
Raw data



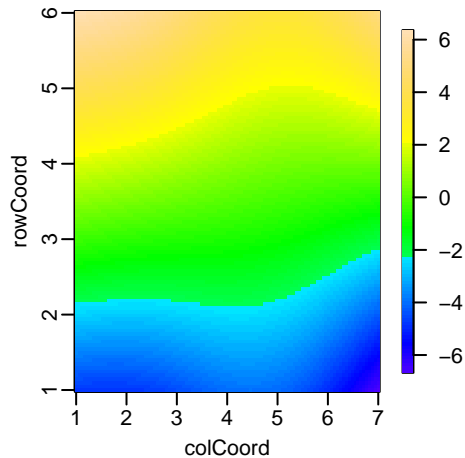
Fitted data



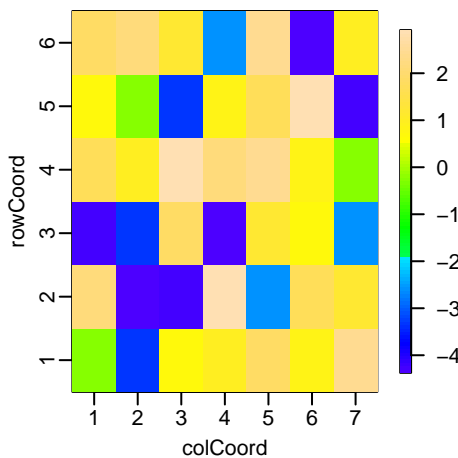
Residuals



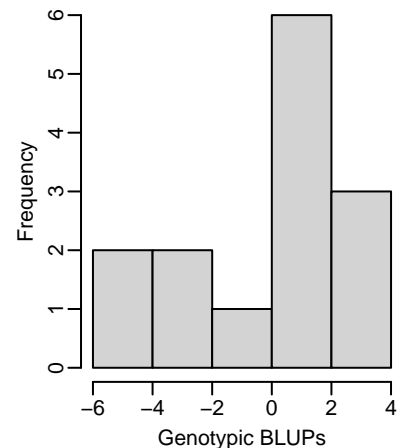
Fitted Spatial Trend



Genotypic BLUPs

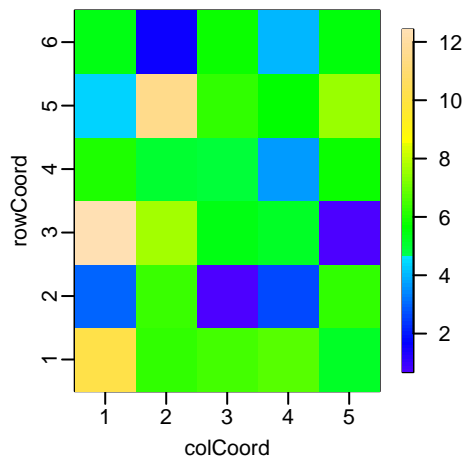


Histogram

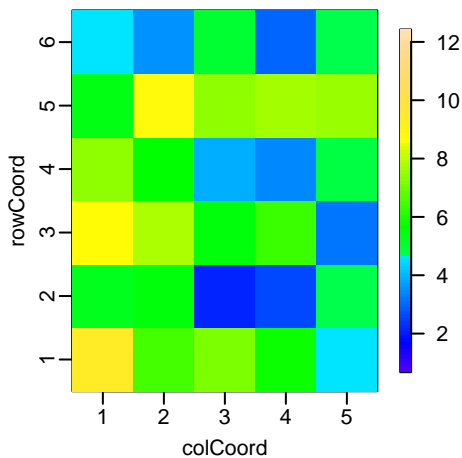


Trait: starch_yield_ha – Trial: 2023127DMEPR_cham

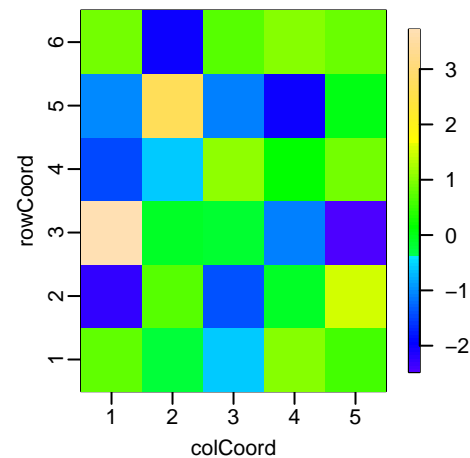
Raw data



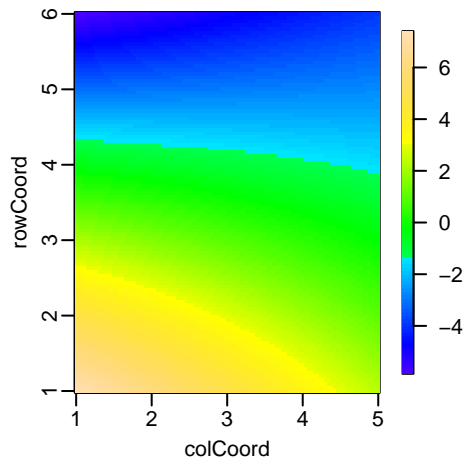
Fitted data



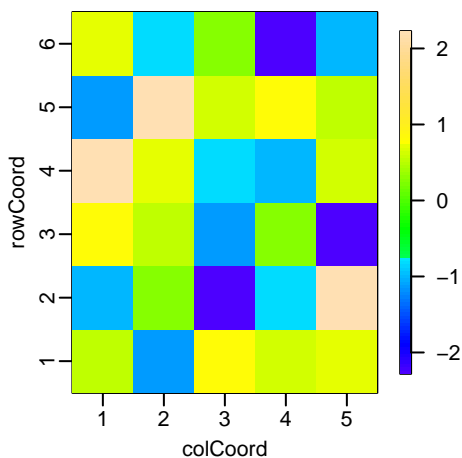
Residuals



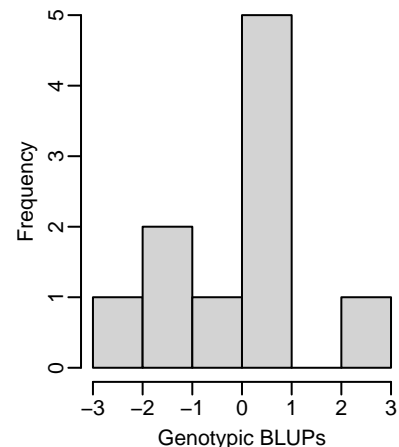
Fitted Spatial Trend



Genotypic BLUPs

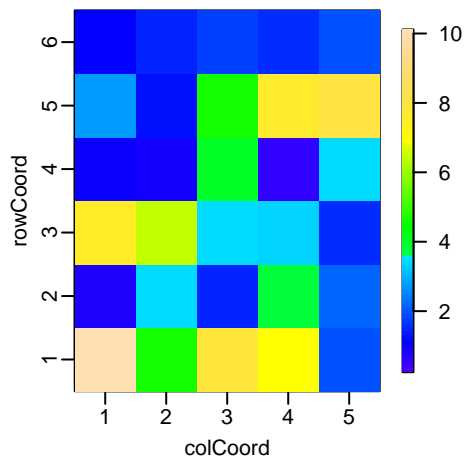


Histogram

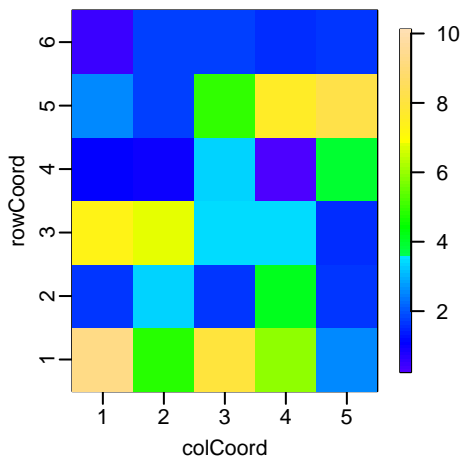


Trait: starch_yield_ha – Trial: 2023128DMEPR_bant

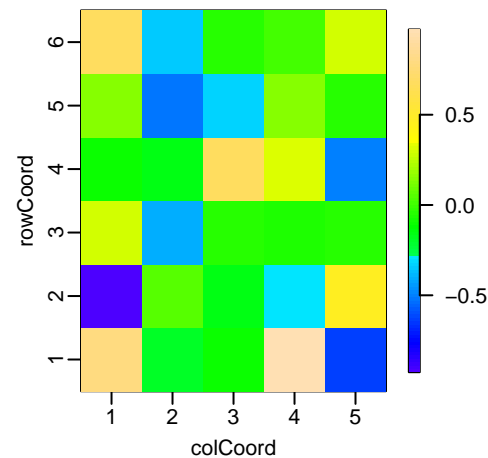
Raw data



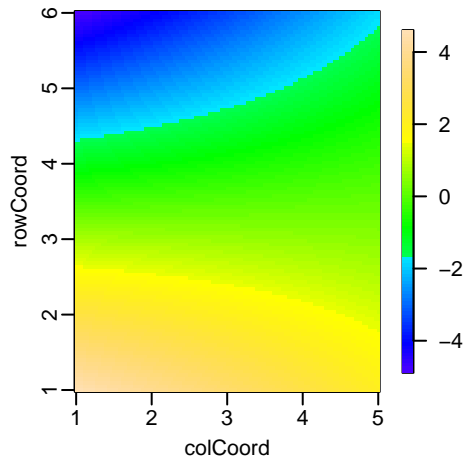
Fitted data



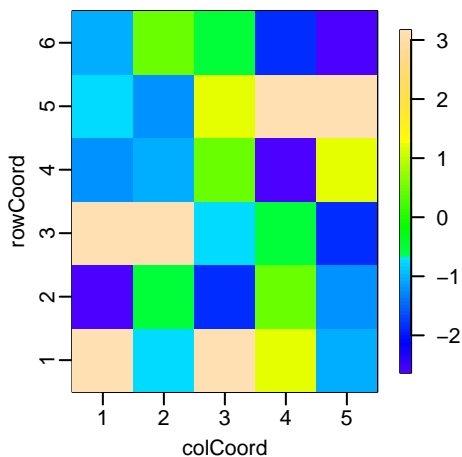
Residuals



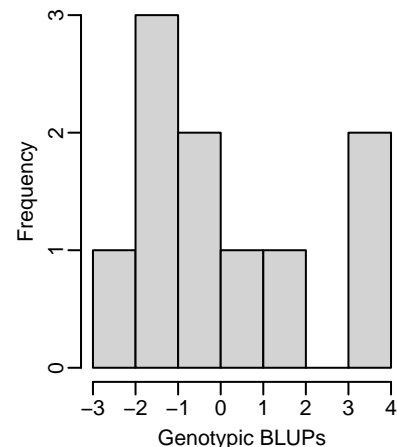
Fitted Spatial Trend



Genotypic BLUPs

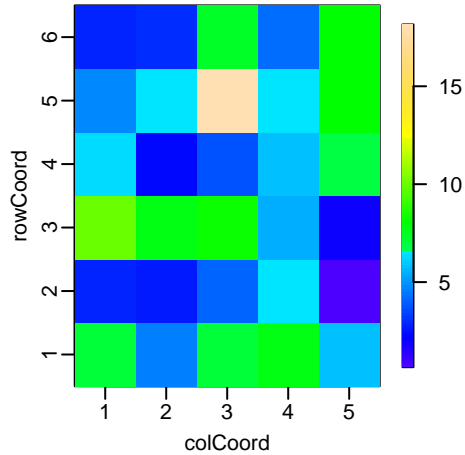


Histogram

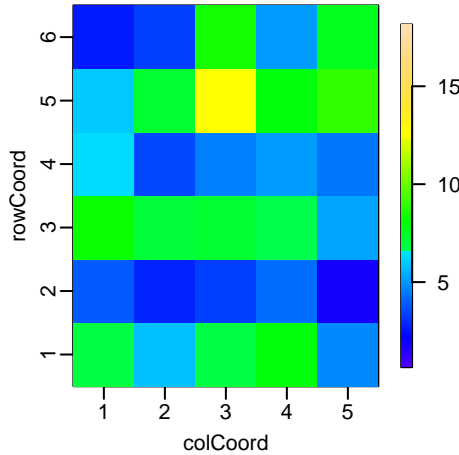


Trait: starch_yield_ha – Trial: 2023130DMEPR_anlo

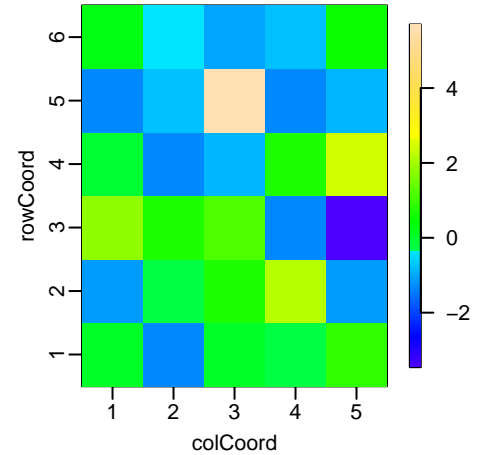
Raw data



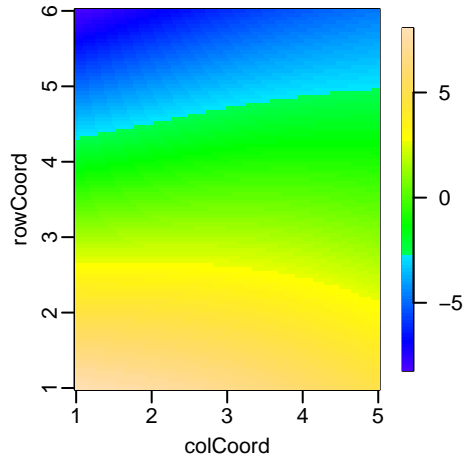
Fitted data



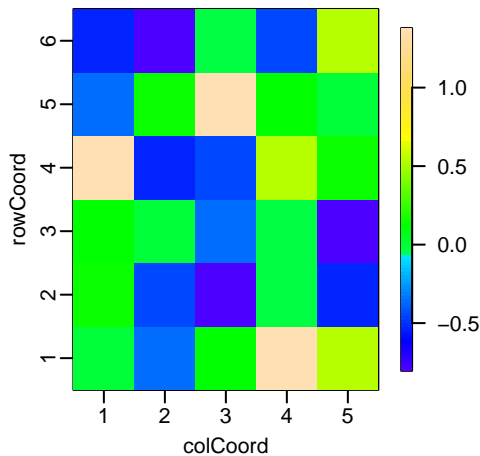
Residuals



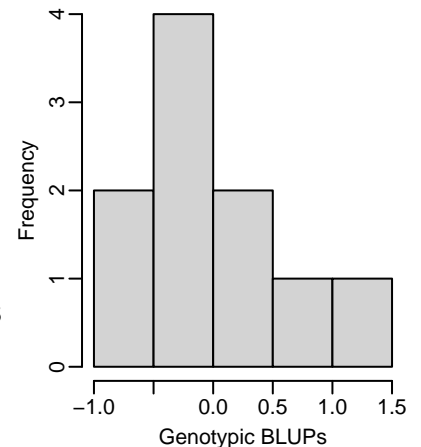
Fitted Spatial Trend



Genotypic BLUPs

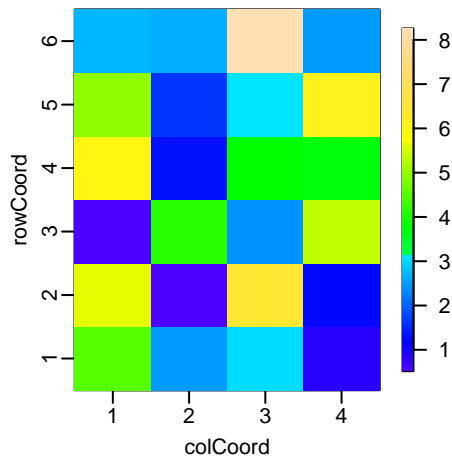


Histogram

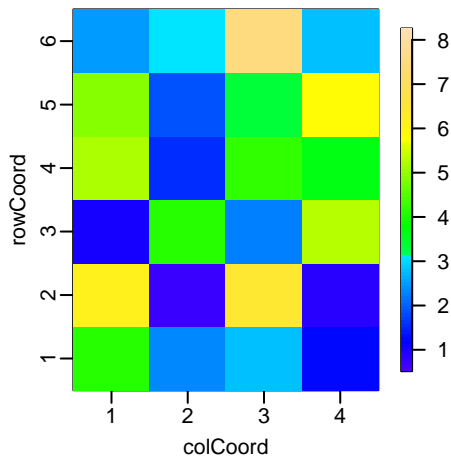


Trait: starch_yield_ha – Trial: 2023131DMEPR_stun

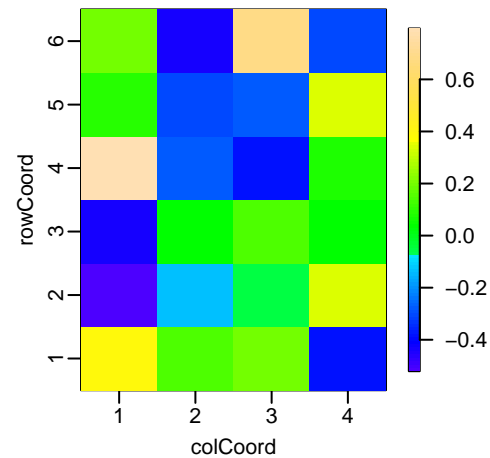
Raw data



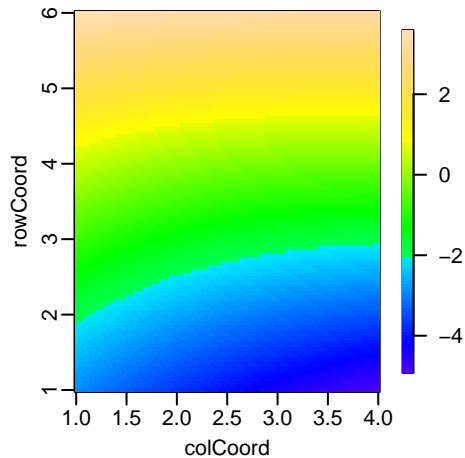
Fitted data



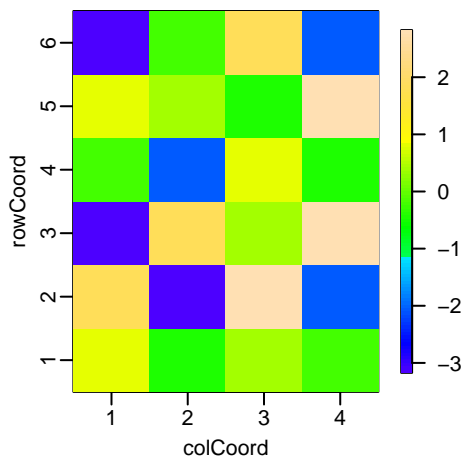
Residuals



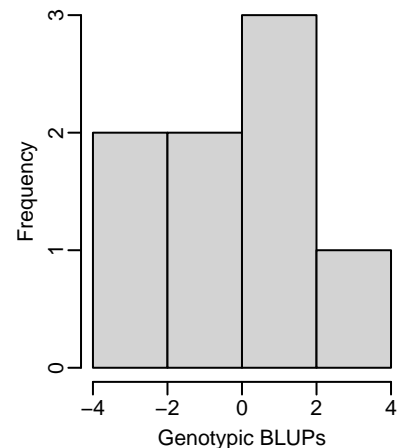
Fitted Spatial Trend



Genotypic BLUPs

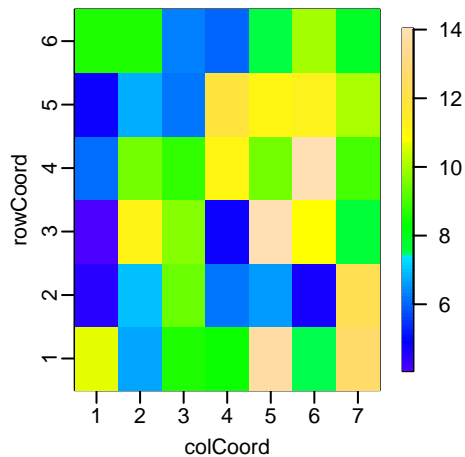


Histogram

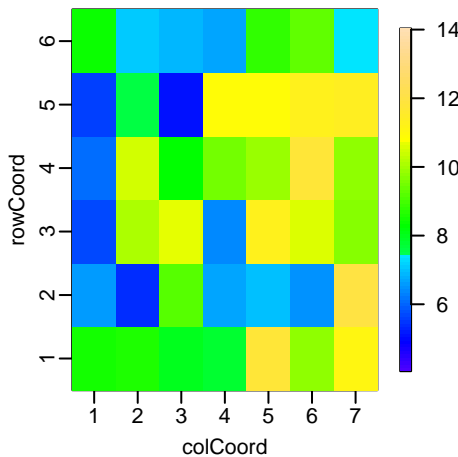


Trait: starch_yield_ha – Trial: 2023132DMEPR_naph

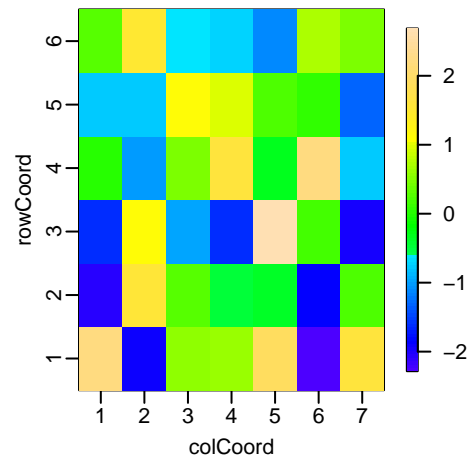
Raw data



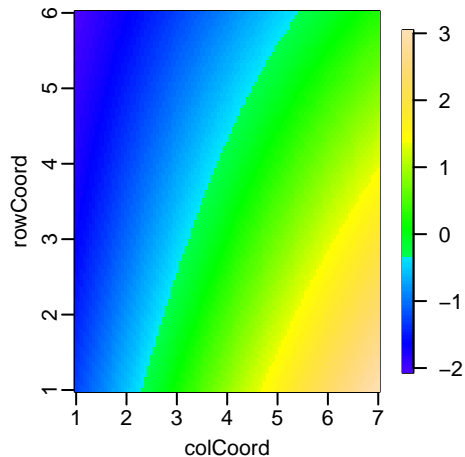
Fitted data



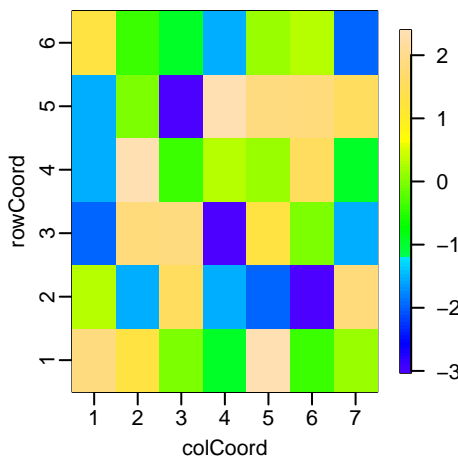
Residuals



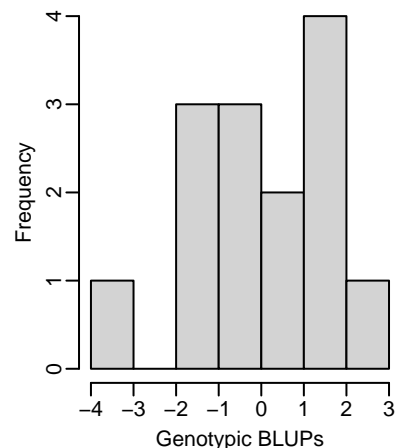
Fitted Spatial Trend



Genotypic BLUPs

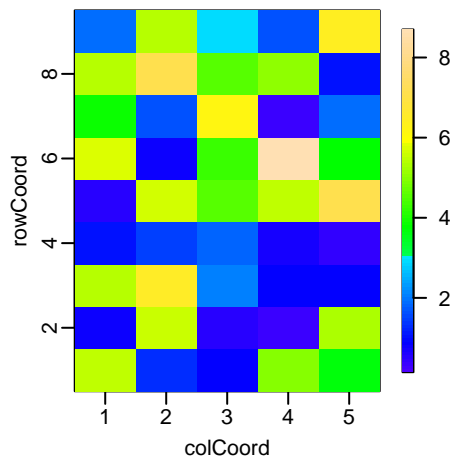


Histogram

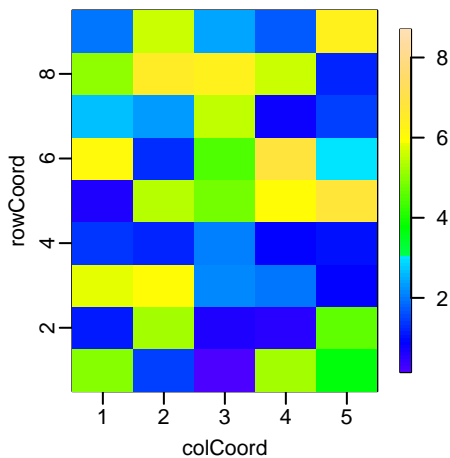


Trait: starch_yield_ha – Trial: 2023135DMEPR_blik

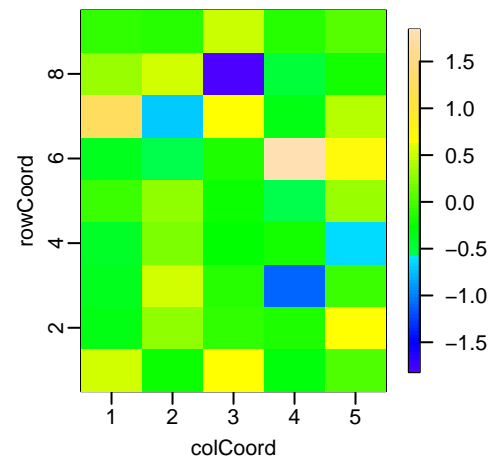
Raw data



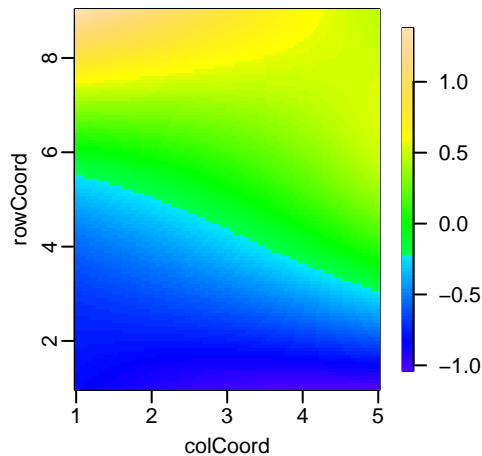
Fitted data



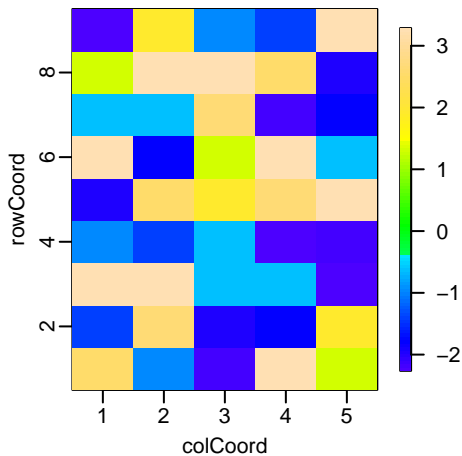
Residuals



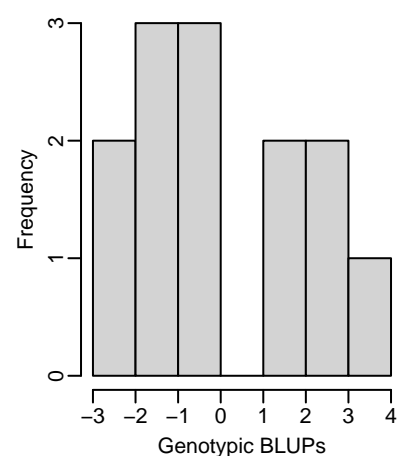
Fitted Spatial Trend



Genotypic BLUPs

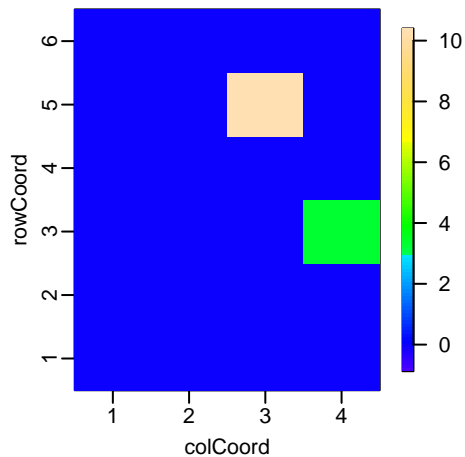


Histogram

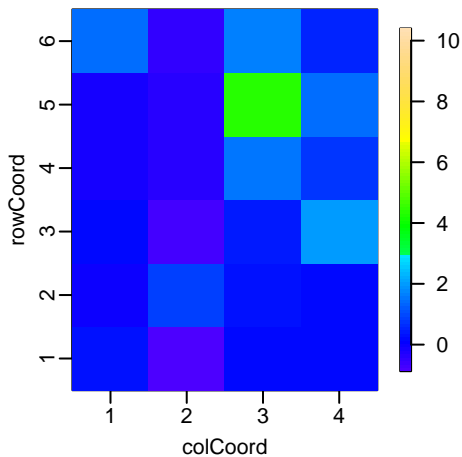


Trait: CMD_incidence – Trial: 2022126DMAYT_cham

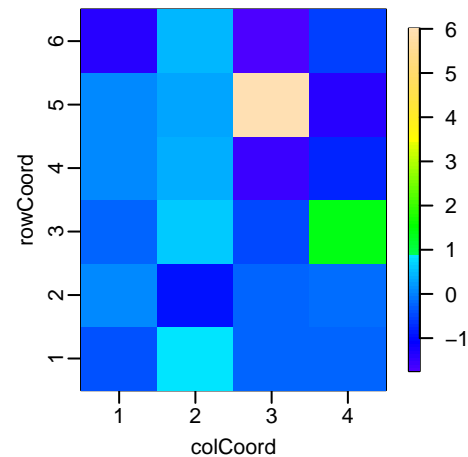
Raw data



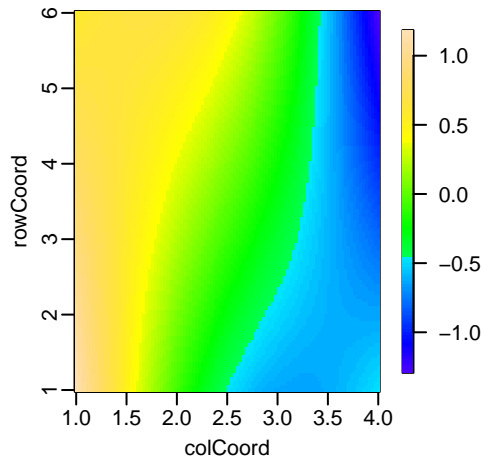
Fitted data



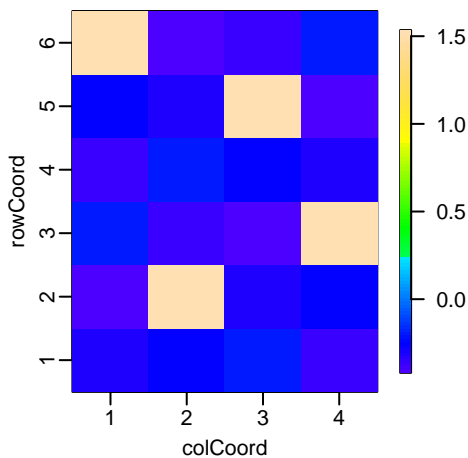
Residuals



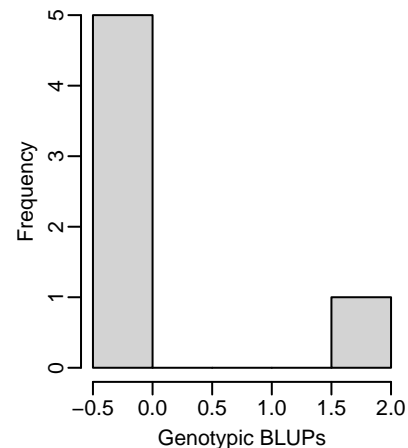
Fitted Spatial Trend



Genotypic BLUPs

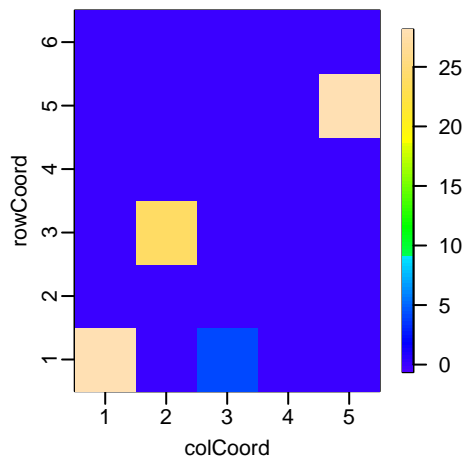


Histogram

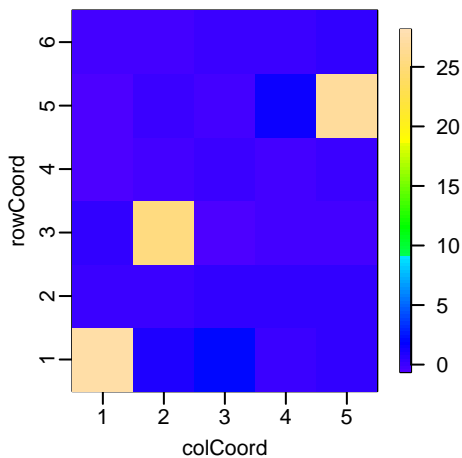


Trait: CMD_incidence – Trial: 2023127DMEPR_cham

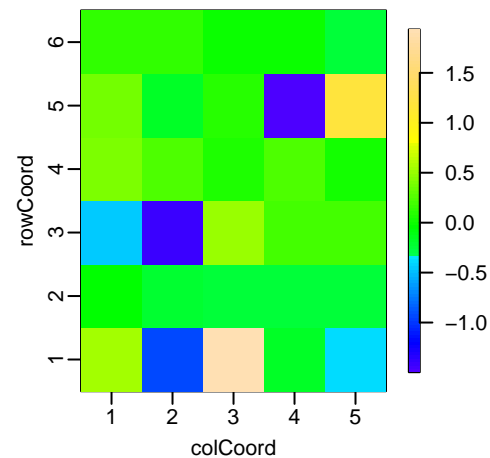
Raw data



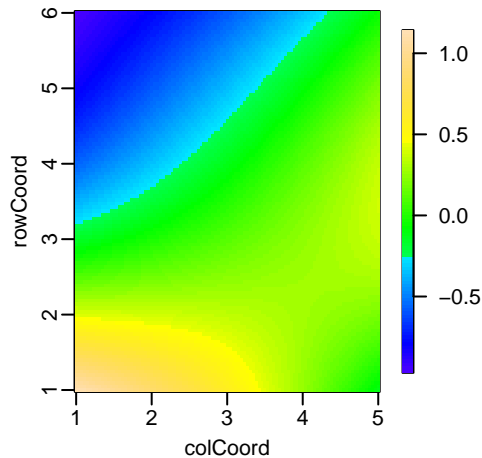
Fitted data



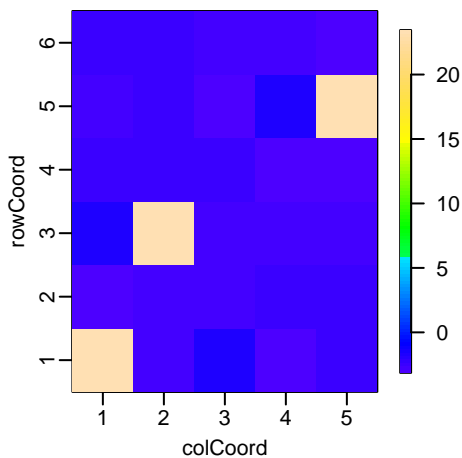
Residuals



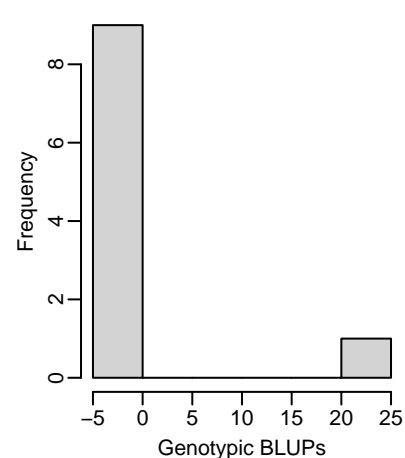
Fitted Spatial Trend



Genotypic BLUPs

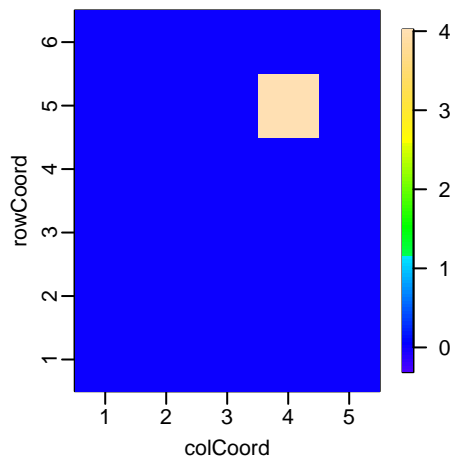


Histogram

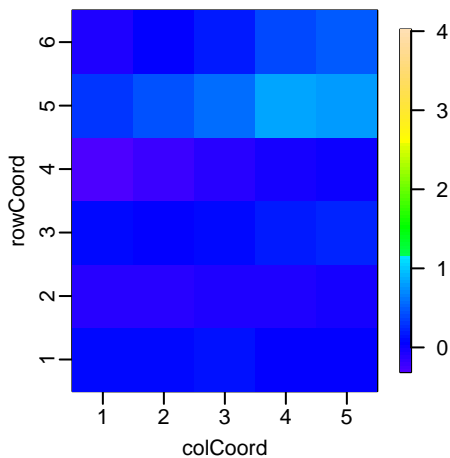


Trait: CMD_incidence – Trial: 2023128DMEPR_bant

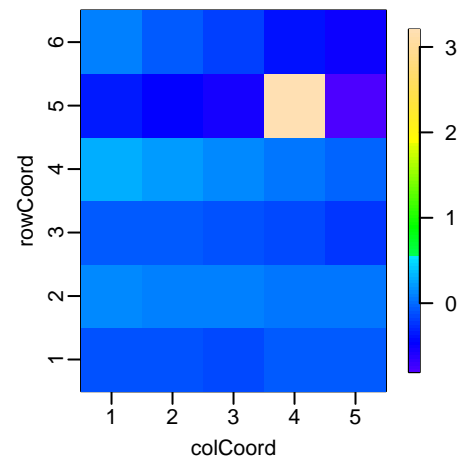
Raw data



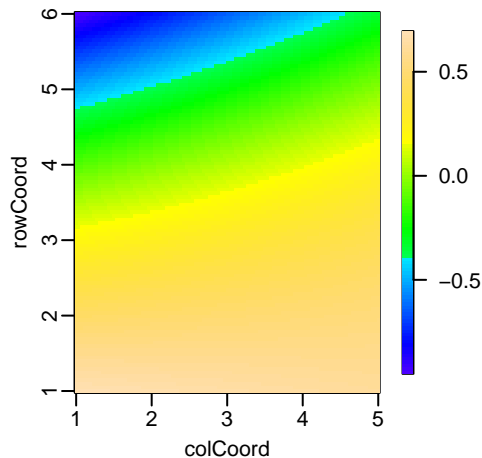
Fitted data



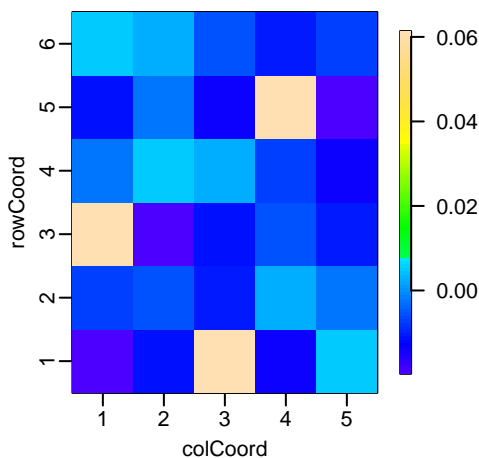
Residuals



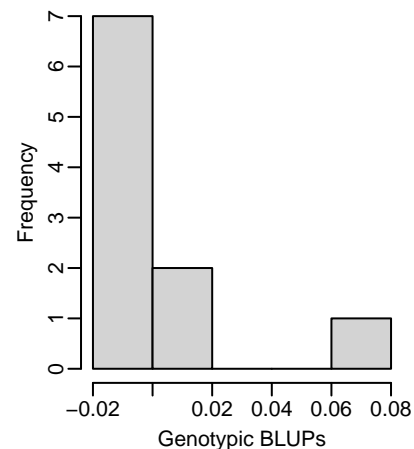
Fitted Spatial Trend



Genotypic BLUPs

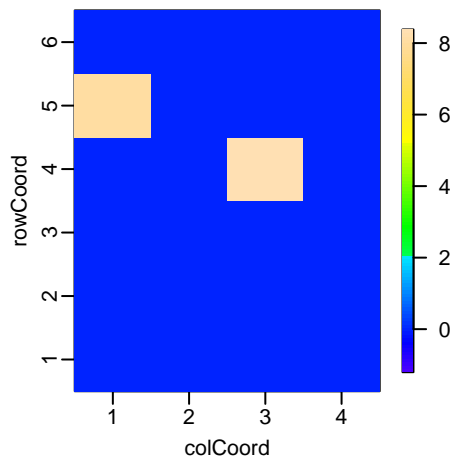


Histogram

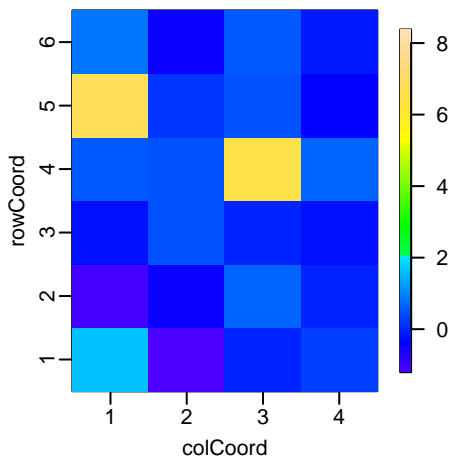


Trait: CMD_incidence – Trial: 2023131DMEPR_stun

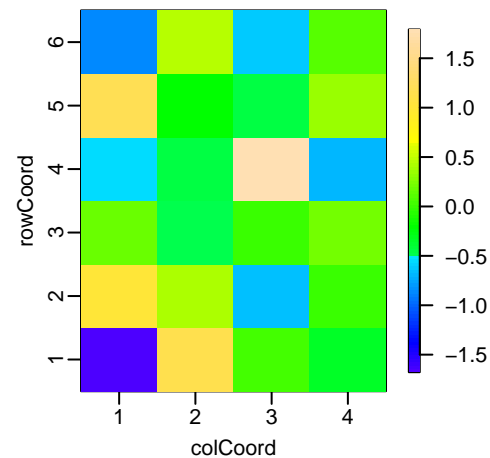
Raw data



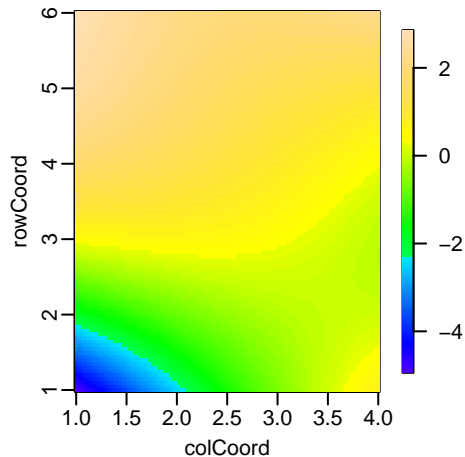
Fitted data



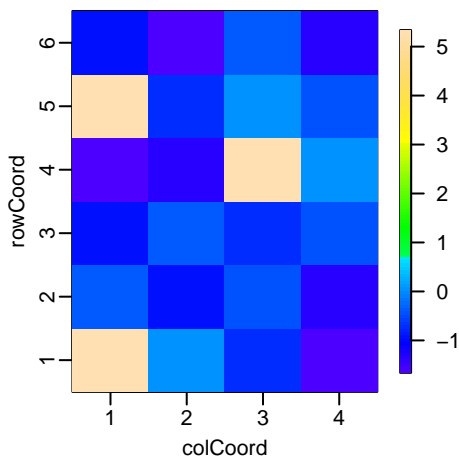
Residuals



Fitted Spatial Trend



Genotypic BLUPs



Histogram

