Rapport\_CORproject

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## Loading CORproject

## Registered S3 methods overwritten by 'car':  
## method from  
## influence.merMod lme4  
## cooks.distance.influence.merMod lme4  
## dfbeta.influence.merMod lme4  
## dfbetas.influence.merMod lme4

# 1 Run OCR

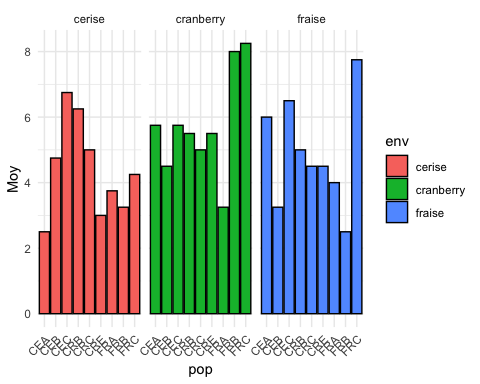
data <- ocrpng(impagepath = "data/test.png", n.col=NULL, lang="fra", header=TRUE, outcsv="data/fitnessOCR.csv")

## Error in normalizePath(path, mustWork = TRUE): path[1]="data/test.png": No such file or directory

# 2 Visualisation des donnees

Moyenne pour chaque Population dans chaque environnement

graphe(csvpath="./../data/fitness.csv")



# 3 Comparaison des groupes

analyse\_stat(csvpath="./../data/fitness.csv")

## boundary (singular) fit: see ?isSingular

## Generalized linear mixed model fit by maximum likelihood (Laplace  
## Approximation) [glmerMod]  
## Family: poisson ( log )  
## Formula: nbadrep1 ~ env + pop + (1 | block)  
## Data: data  
## AIC BIC logLik deviance df.resid   
## 629.4473 661.6328 -302.7236 605.4473 96   
## Random effects:  
## Groups Name Std.Dev.  
## block (Intercept) 0   
## Number of obs: 108, groups: block, 4  
## Fixed Effects:  
## (Intercept) envcranberry envfraise popCEB popCEC   
## 3.018207 -0.011004 -0.006863 -0.067823 -0.016529   
## popCRB popCRC popCRE popFRA popFRB   
## 0.086328 0.004090 0.008163 -0.072218 -0.072218   
## popFRC   
## 0.051908   
## convergence code 0; 0 optimizer warnings; 1 lme4 warnings

## plotSimulatedResiduals is deprecated, please switch your code to simply using the plot() function

## Analysis of Deviance Table (Type II Wald chisquare tests)  
##   
## Response: nbadrep1  
## Chisq Df Pr(>Chisq)  
## env 0.0450 2 0.9778  
## pop 6.1011 8 0.6359

## Error in mcp(pop = "Tukey"): impossible de trouver la fonction "mcp"

