Resolução da Lista 3 - Análise de Dados Longitudinais

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# Questão 1

## a)

dados <- tibble(foreign::read.dta("toenail.dta"))  
ajuste\_gee <-geeglm(y ~ trt \* month - trt,family = binomial(link = "logit"),  
 data = dados,id = id,corstr = "exchangeable")  
summary(ajuste\_gee)

Call:  
geeglm(formula = y ~ trt \* month - trt, family = binomial(link = "logit"),   
 data = dados, id = id, corstr = "exchangeable")  
  
 Coefficients:  
 Estimate Std.err Wald Pr(>|W|)   
(Intercept) -0.57822 0.13041 19.661 9.25e-06 \*\*\*  
month -0.17132 0.02957 33.574 6.86e-09 \*\*\*  
trt:month -0.07770 0.05379 2.086 0.149   
---  
Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
  
Correlation structure = exchangeable   
Estimated Scale Parameters:  
  
 Estimate Std.err  
(Intercept) 1.088 0.5265  
 Link = identity   
  
Estimated Correlation Parameters:  
 Estimate Std.err  
alpha 0.4217 0.2203  
Number of clusters: 294 Maximum cluster size: 7