

# Analisis-1-50

Joaquin Cervino

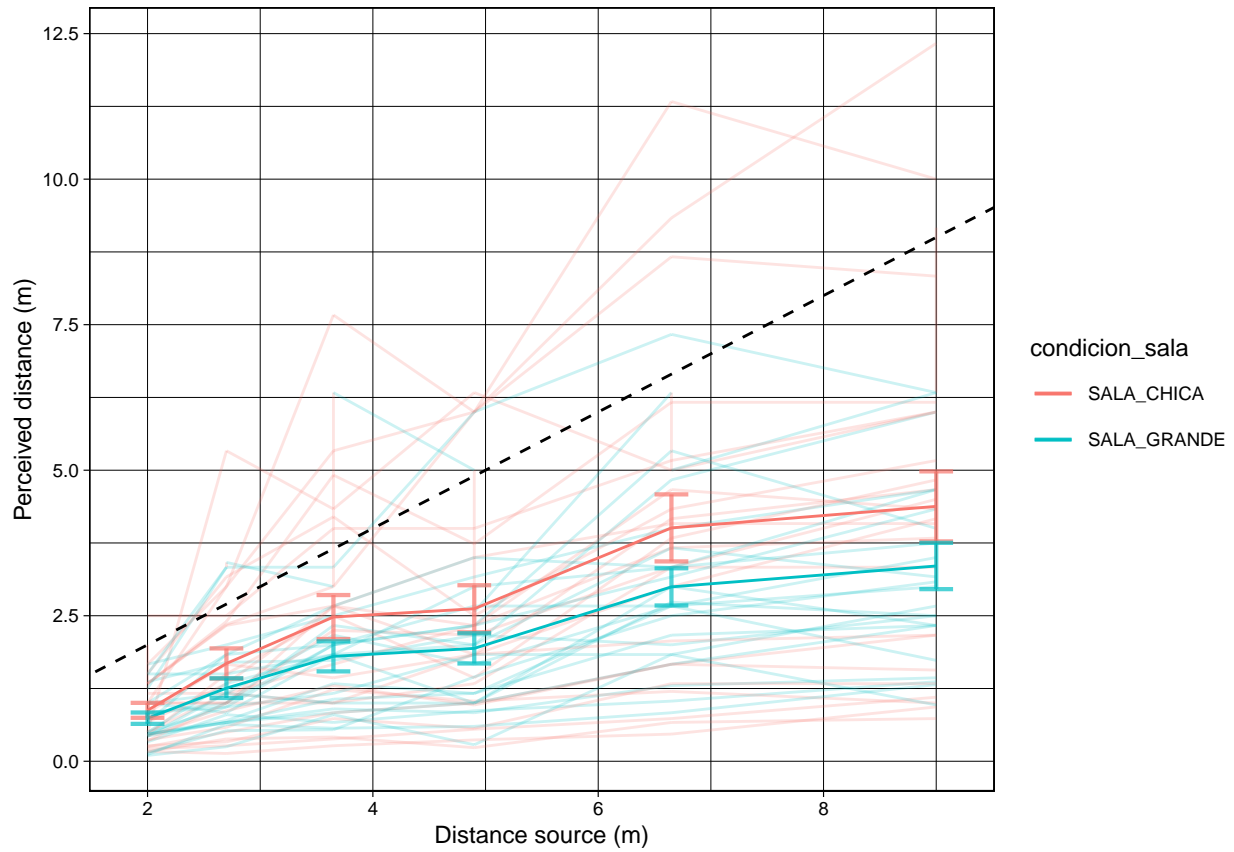
2023-08-10

## Analisis de primeros sujeto 1 a 32

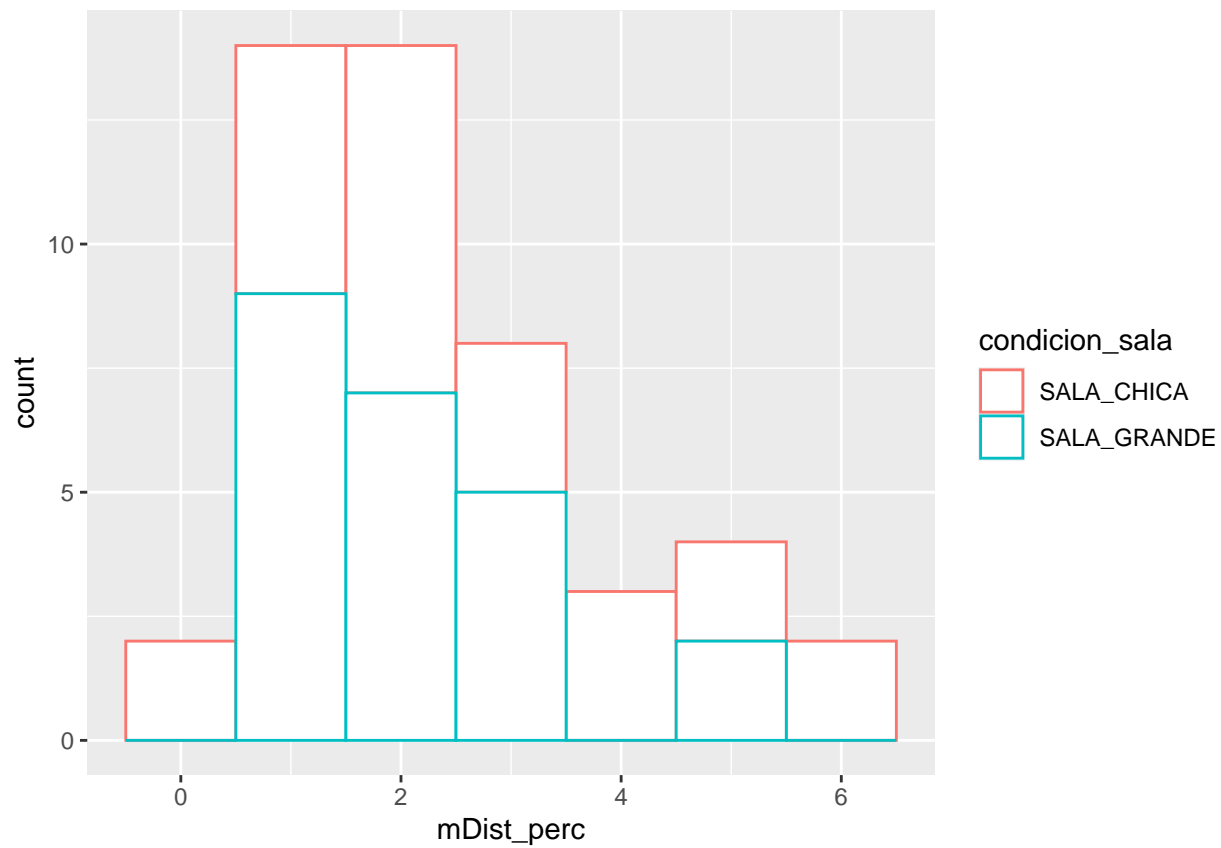
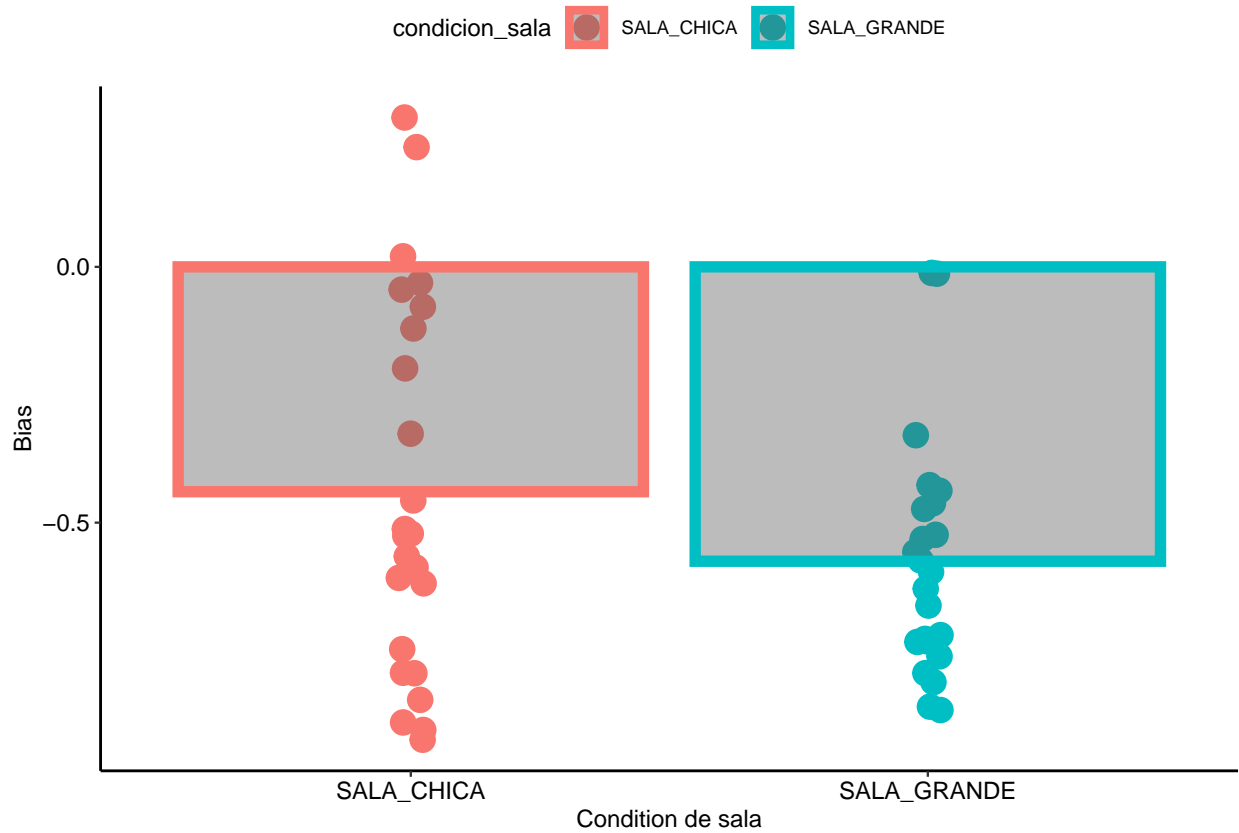
En este documento se va hacer un análisis de los sujetos. El análisis es parcial.

## Figuras

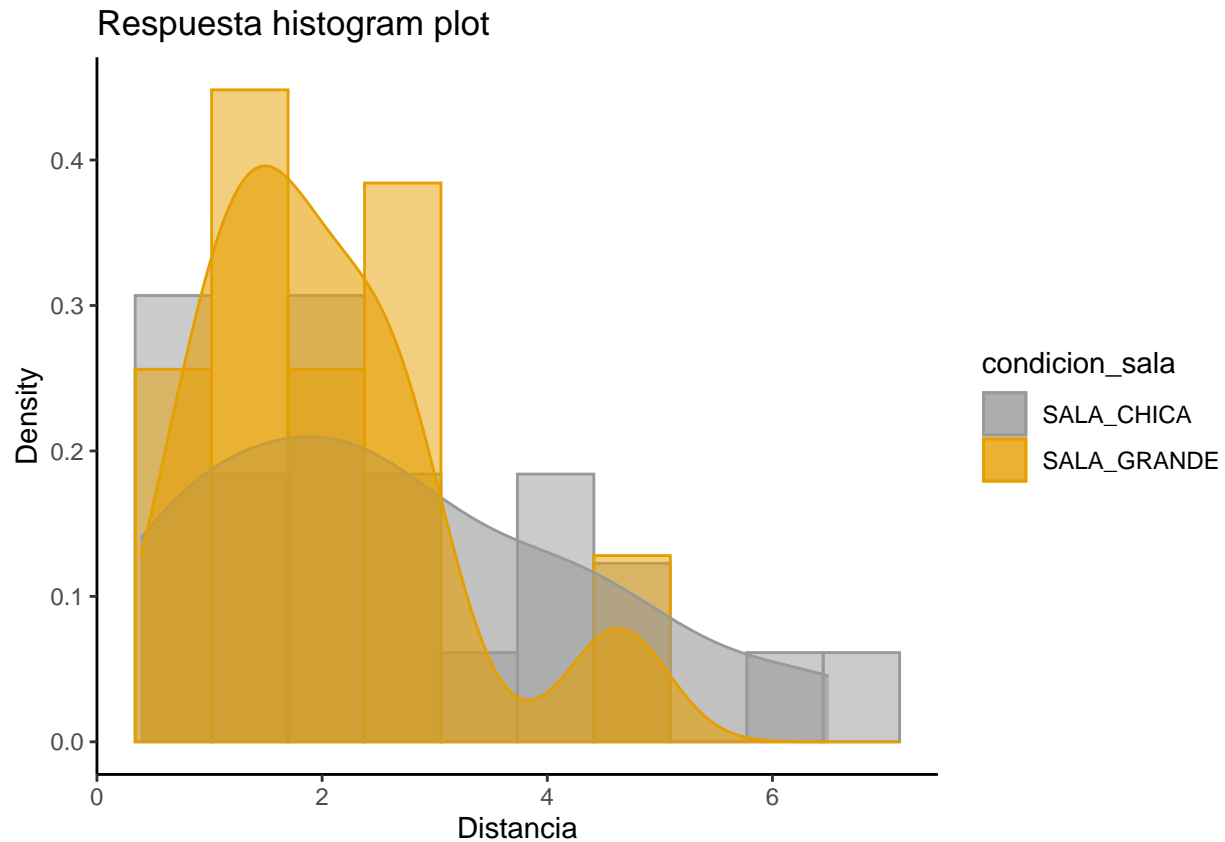
### Individual con brutos



Sesgo



## Histograma



## Estadística

### Modelo de efectos mixtos y anova.

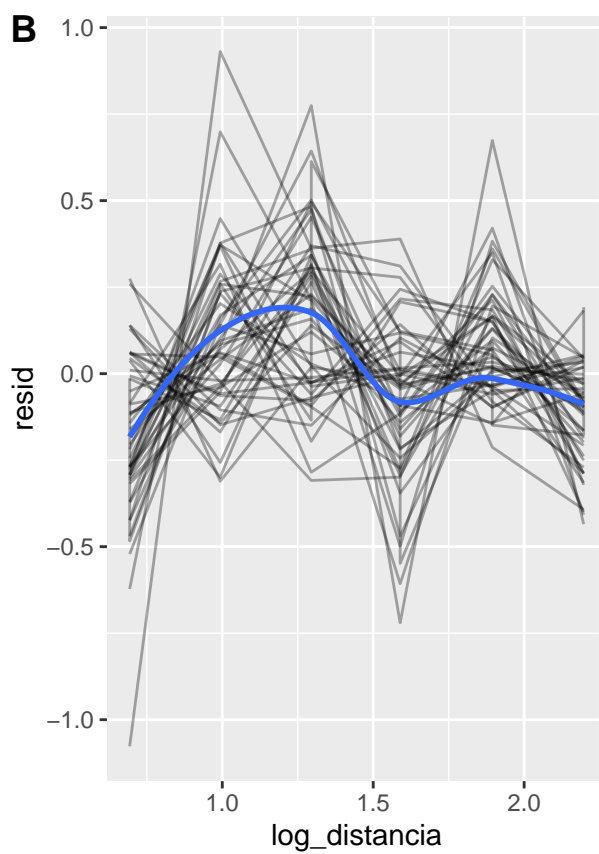
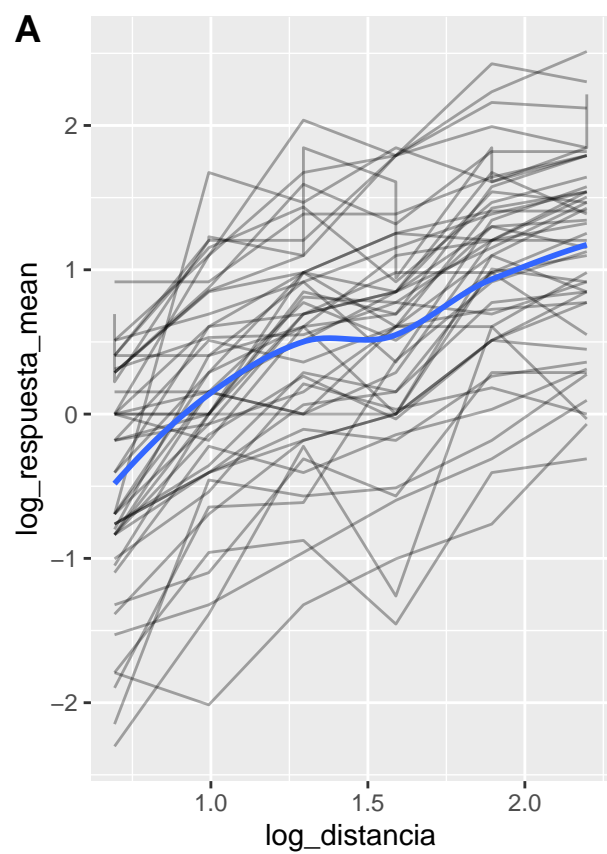
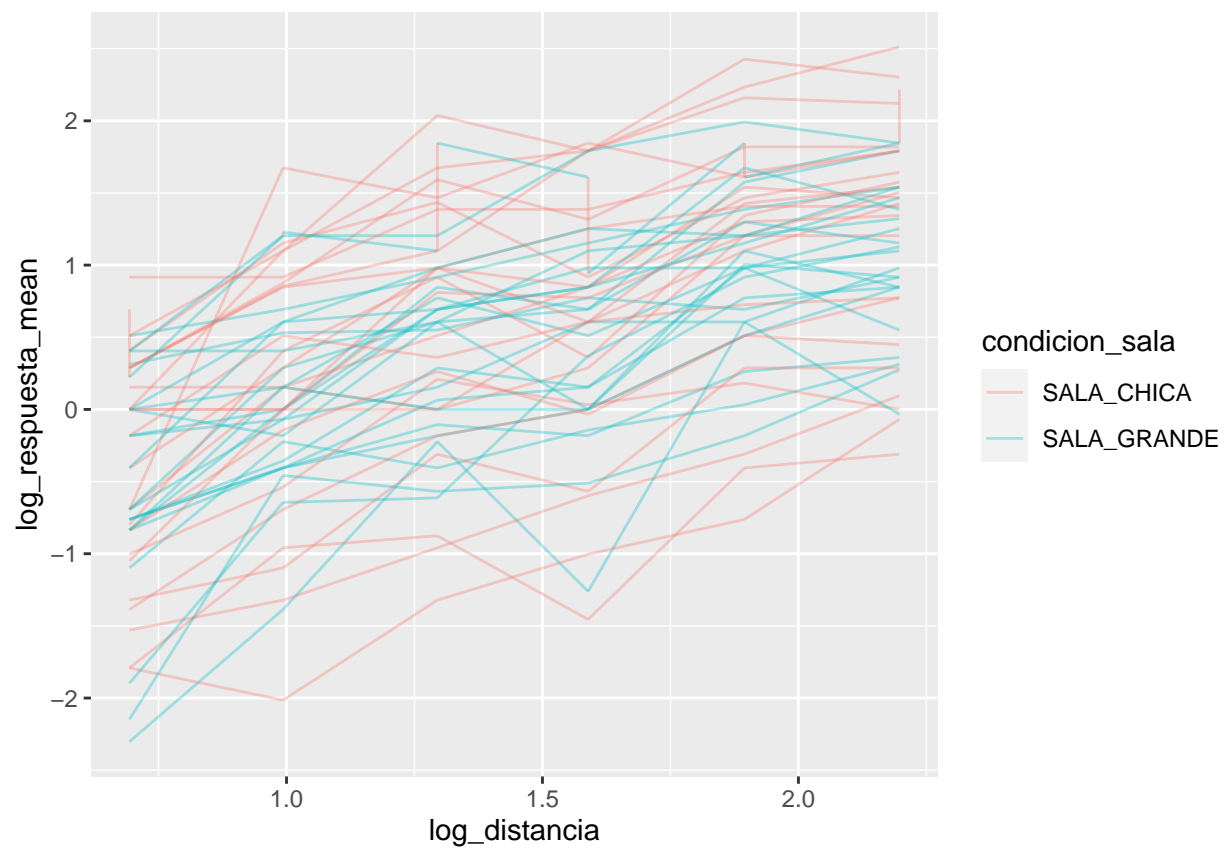
```
## Linear mixed model fit by REML. t-tests use Satterthwaite's method [  
## lmerModLmerTest]  
## Formula: log(respuesta[, "mean"]) ~ condicion_sala * log(distancia) +  
## (1 | nsub)  
## Data: tabla.ind  
##  
## REML criterion at convergence: 340  
##  
## Scaled residuals:  
##      Min       1Q   Median       3Q      Max   
## -3.4930 -0.4604 -0.0486  0.6652  2.6733   
##  
## Random effects:  
## Groups   Name                Variance Std.Dev.  
## nsub     (Intercept)  0.4663    0.6829  
## Residual                    0.1110    0.3332  
## Number of obs: 282, groups:  nsub, 46  
##  
## Fixed effects:  
##  
##              Estimate Std. Error    df  
## (Intercept) -0.998854   0.146278 115.903505
```

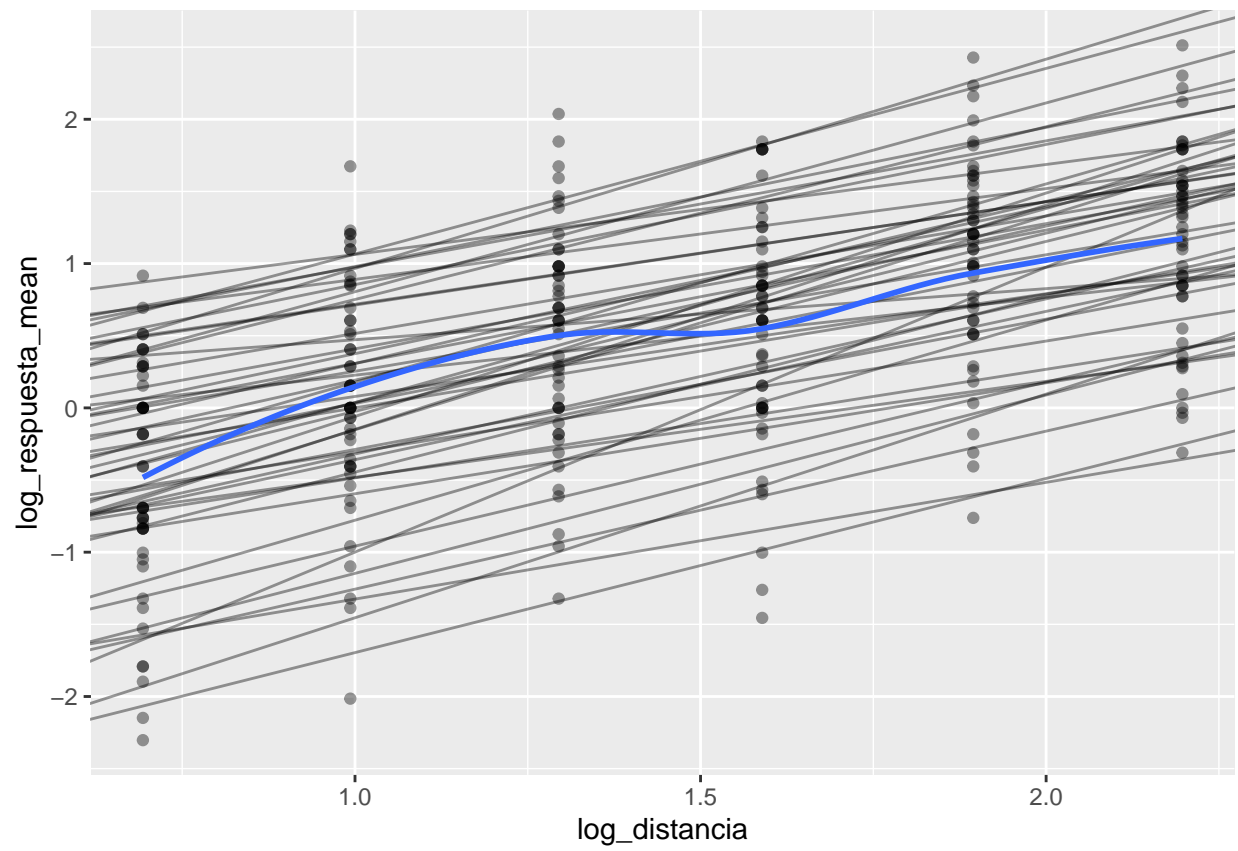
```

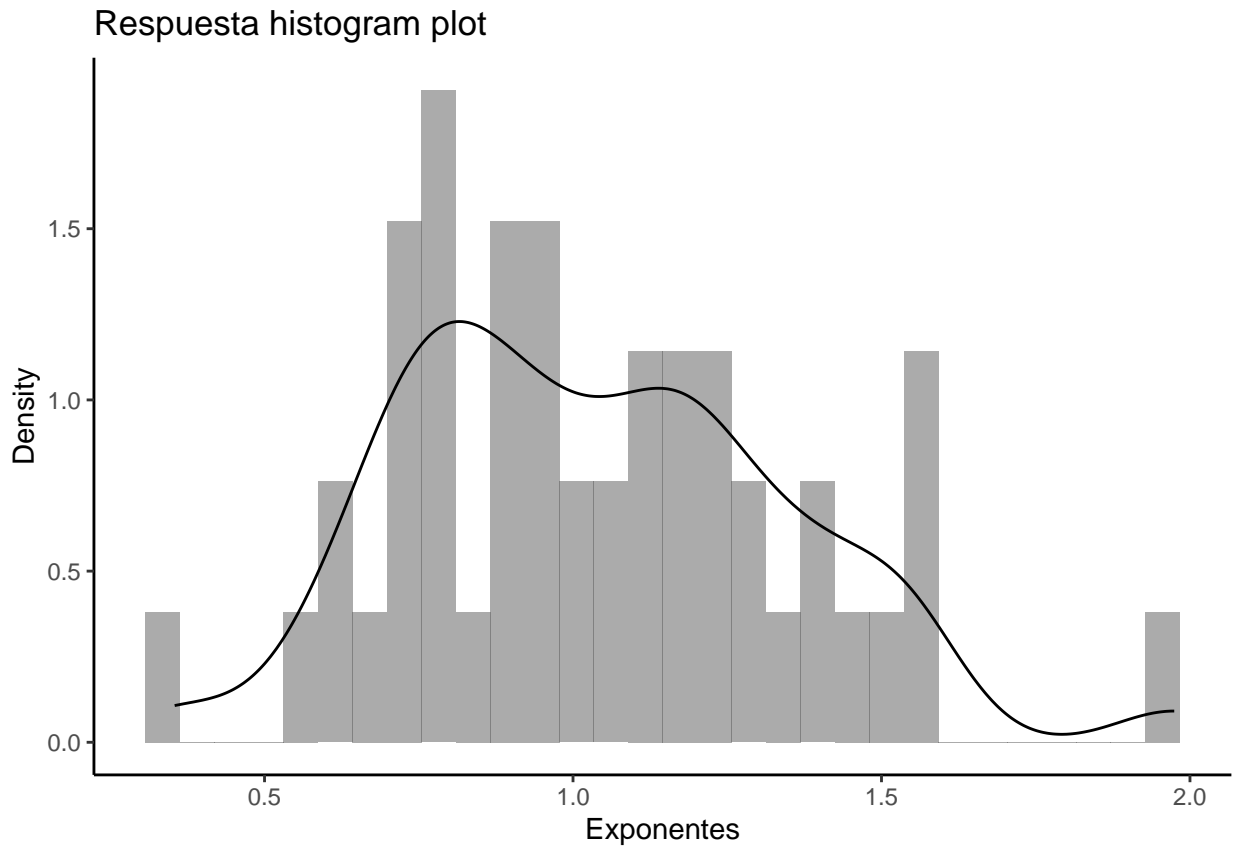
## condicion_salaSALA_GRANDE          -0.079715    0.179927 249.732965
## log(distancia)                      1.042075    0.054091 233.658196
## condicion_salaSALA_GRANDE:log(distancia) -0.008031    0.077323 233.658195
##                                     t value Pr(>|t|)
## (Intercept)                        -6.828 4.18e-10 ***
## condicion_salaSALA_GRANDE          -0.443    0.658
## log(distancia)                     19.265 < 2e-16 ***
## condicion_salaSALA_GRANDE:log(distancia) -0.104    0.917
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Correlation of Fixed Effects:
##              (Intr) cn_SALA_GRANDE lg(ds)
## cn_SALA_GRANDE -0.602
## log(distnc)    -0.534  0.434
## c_SALA_GRANDE: 0.373 -0.620          -0.700
##
## Type III Analysis of Variance Table with Satterthwaite's method
##              Sum Sq Mean Sq NumDF  DenDF  F value Pr(>F)
## condicion_sala      0.022   0.022     1 249.73   0.1963 0.6581
## log(distancia)     80.021  80.021     1 233.66 720.9127 <2e-16 ***
## condicion_sala:log(distancia) 0.001   0.001     1 233.66   0.0108 0.9174
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

Obteniendo coeficiente por sujeto

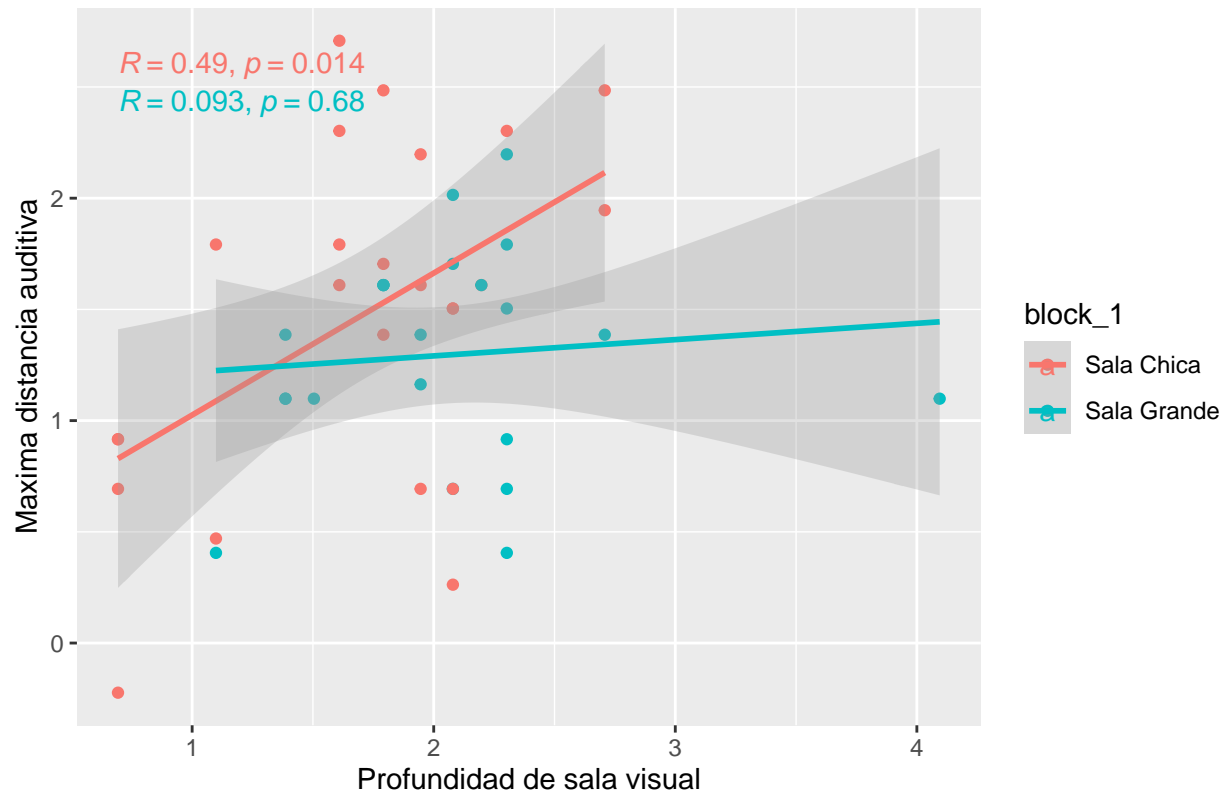






## Análisis de correlación

### Correlacion ambas salas (log log)





## Sala percibida

### 3D Subplots

