

Analisis-1-32

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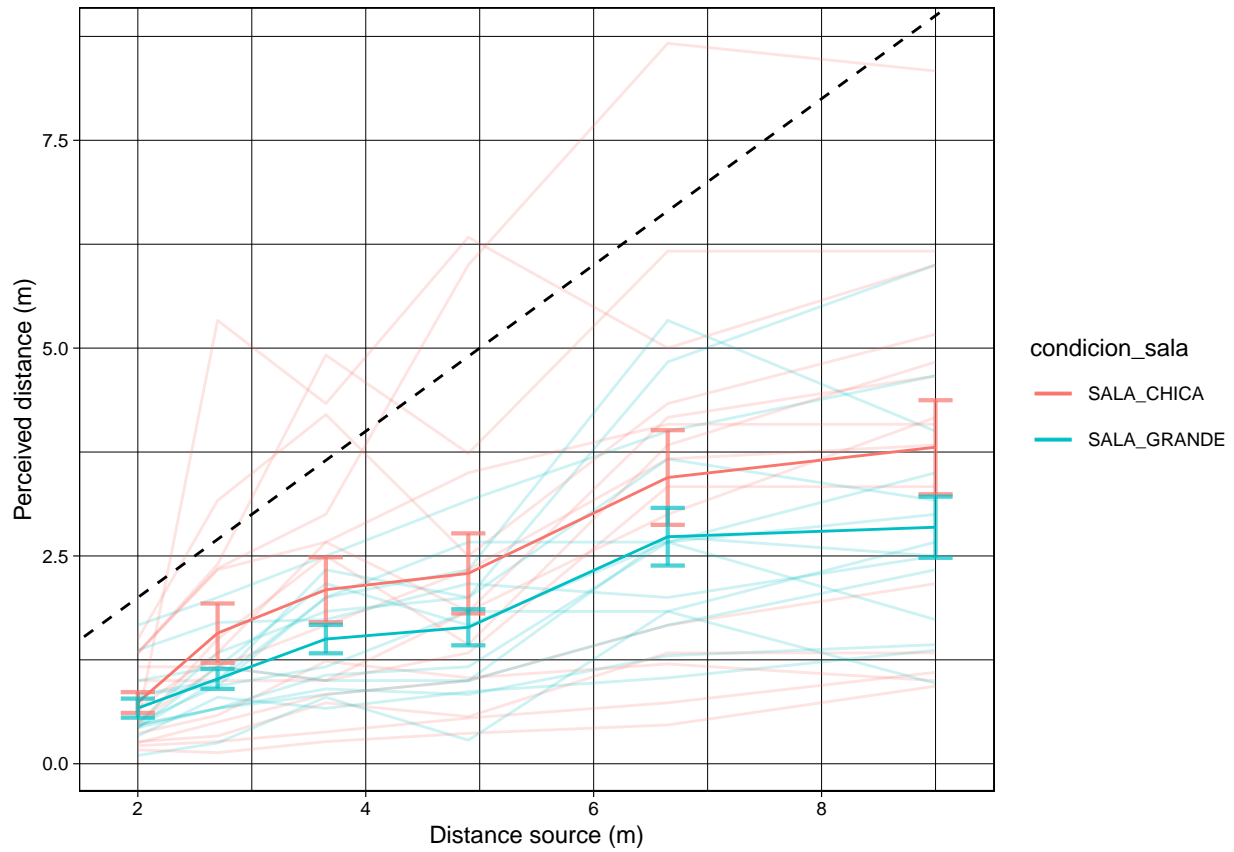
2023-08-10

Analisis de primeros sujeto 1 a 32

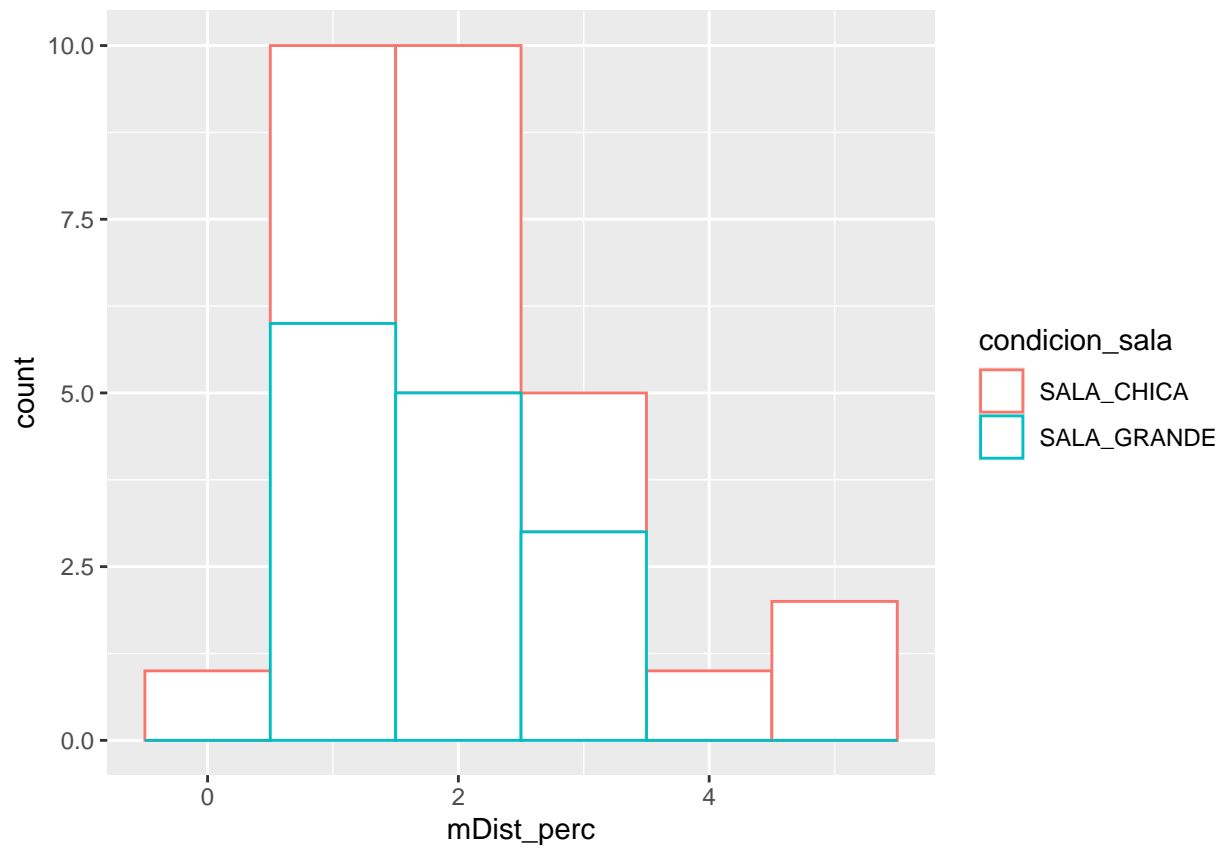
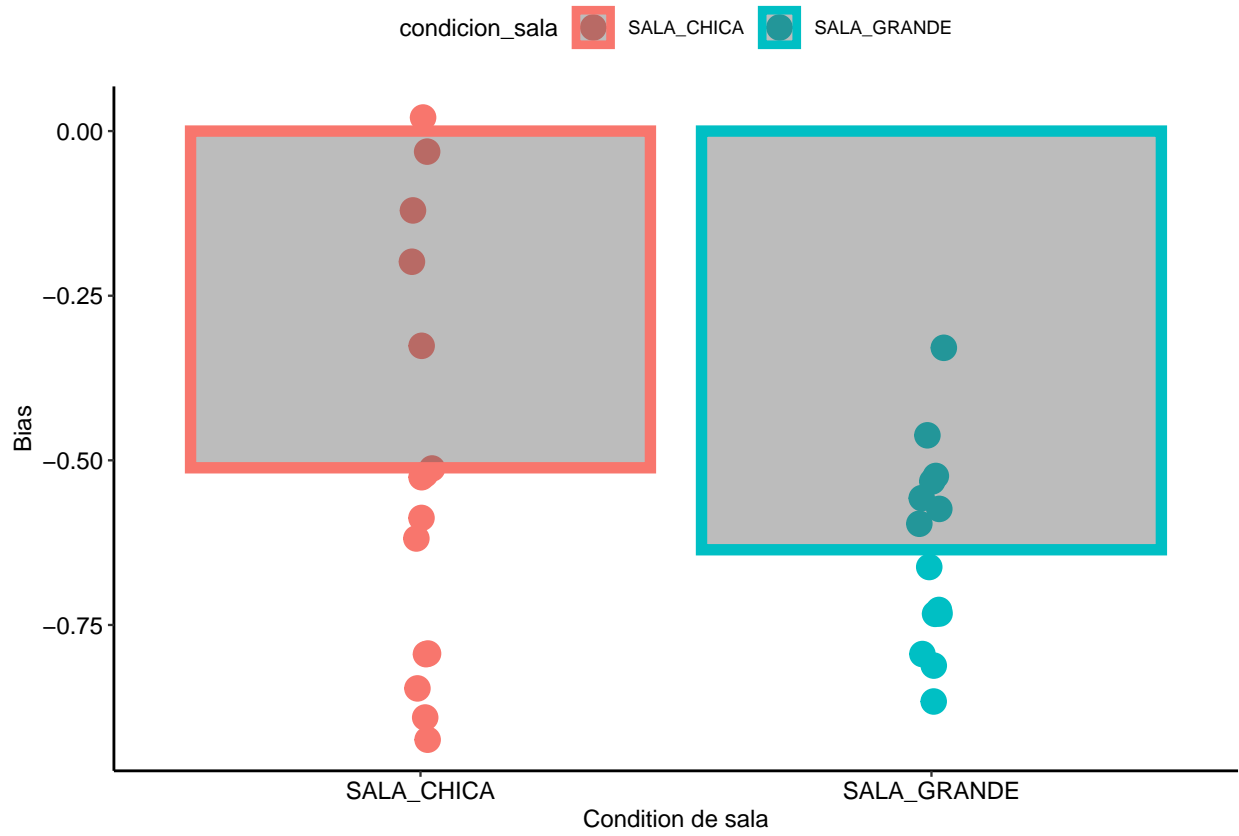
En este documento se va hacer un análisis de los sujetos. El análisis es parcial.

Figuras

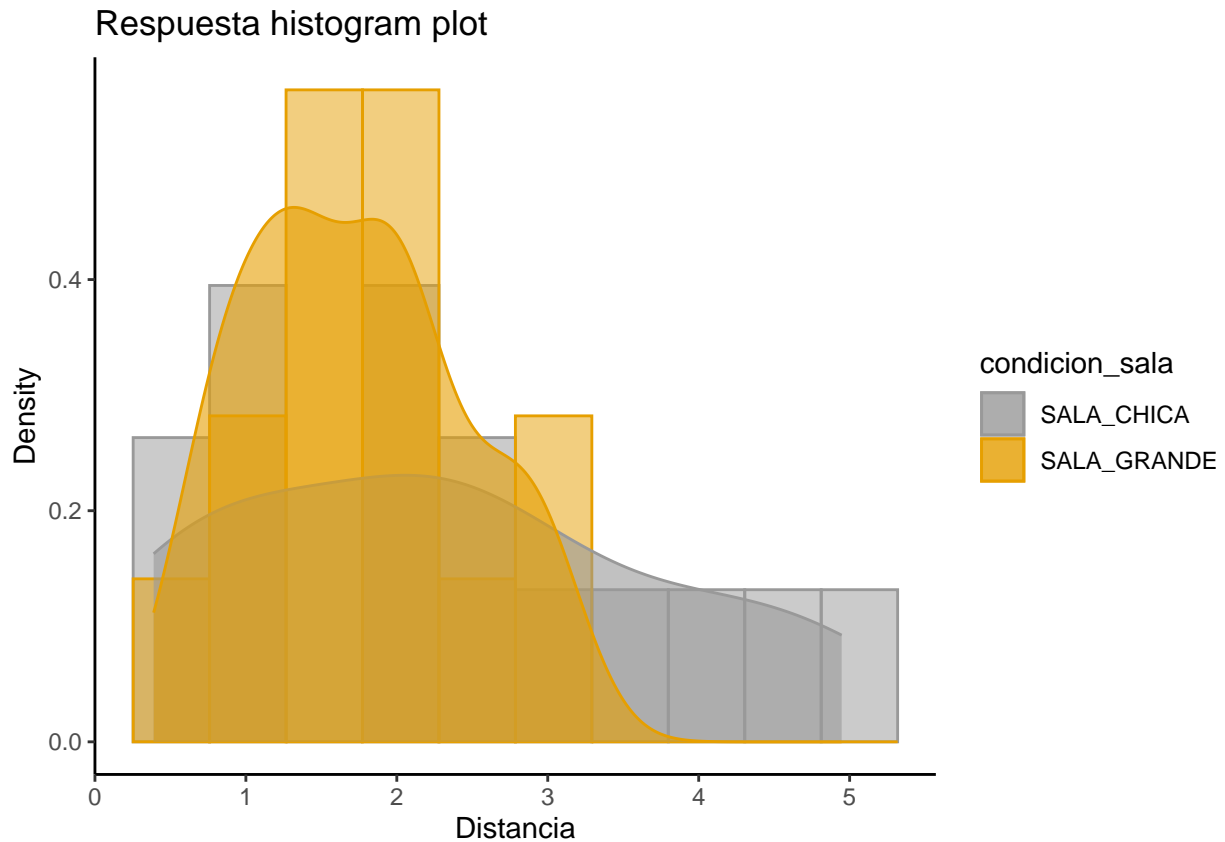
Individual con brutos



Sesgo



Histograma



Estadística

Modelo de efectos mixtos y anova.

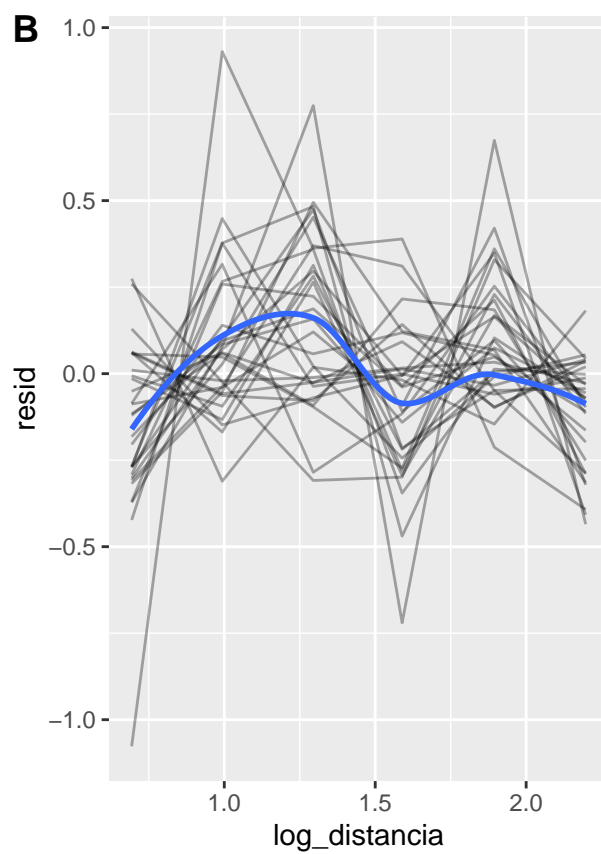
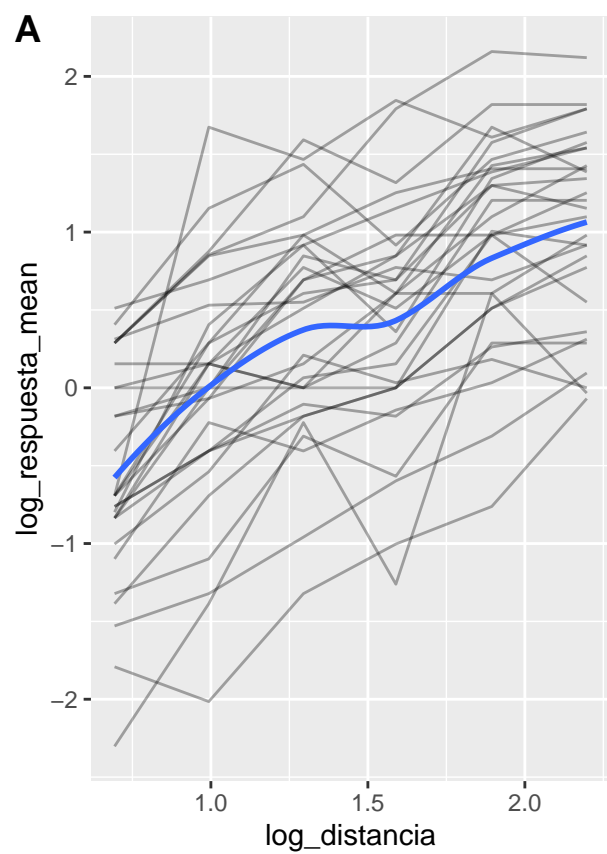
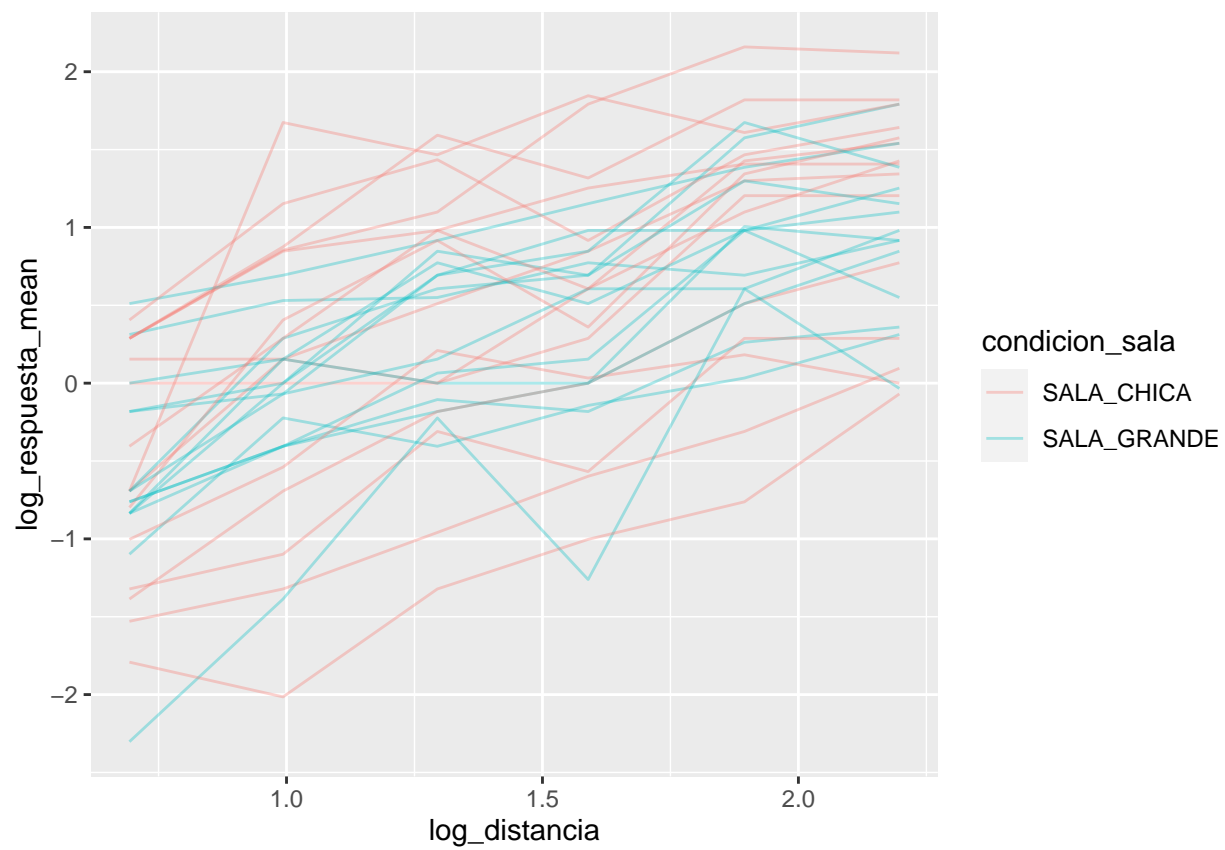
```
## Linear mixed model fit by REML. t-tests use Satterthwaite's method [  
## lmerModLmerTest]  
## Formula: log(respuesta[, "mean"]) ~ condicion_sala * log(distancia) +  
## (1 | nsub)  
## Data: tabla.ind  
##  
## REML criterion at convergence: 203.6  
##  
## Scaled residuals:  
##      Min       1Q   Median       3Q      Max   
## -3.4835 -0.4870 -0.1054  0.5567  2.7852   
##  
## Random effects:  
## Groups   Name                Variance Std.Dev.  
## nsub     (Intercept) 0.4234    0.6507  
## Residual                0.1065    0.3263  
## Number of obs: 174, groups:  nsub, 29  
##  
## Fixed effects:  
##  
##              Estimate Std. Error    df t value  
## (Intercept)   -1.12115    0.19690 46.03820  -5.694
```

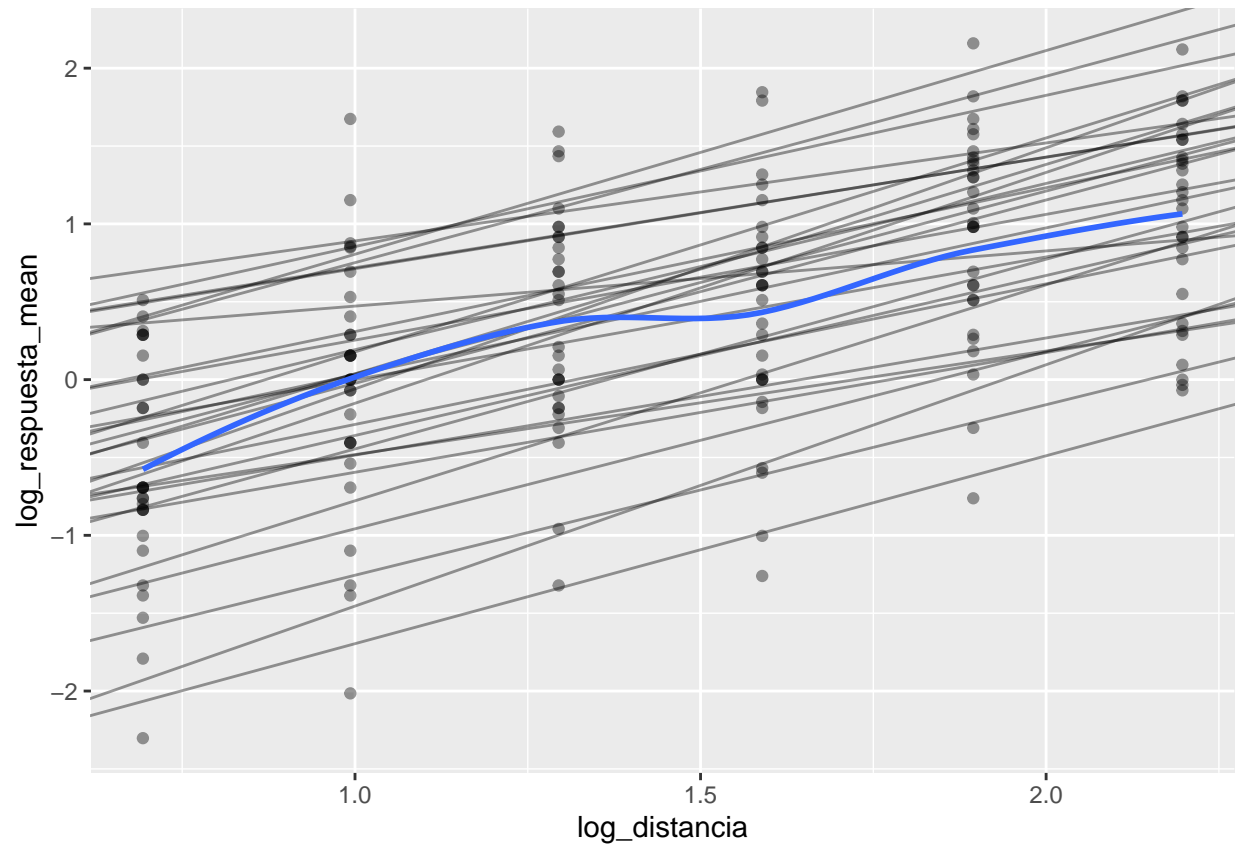
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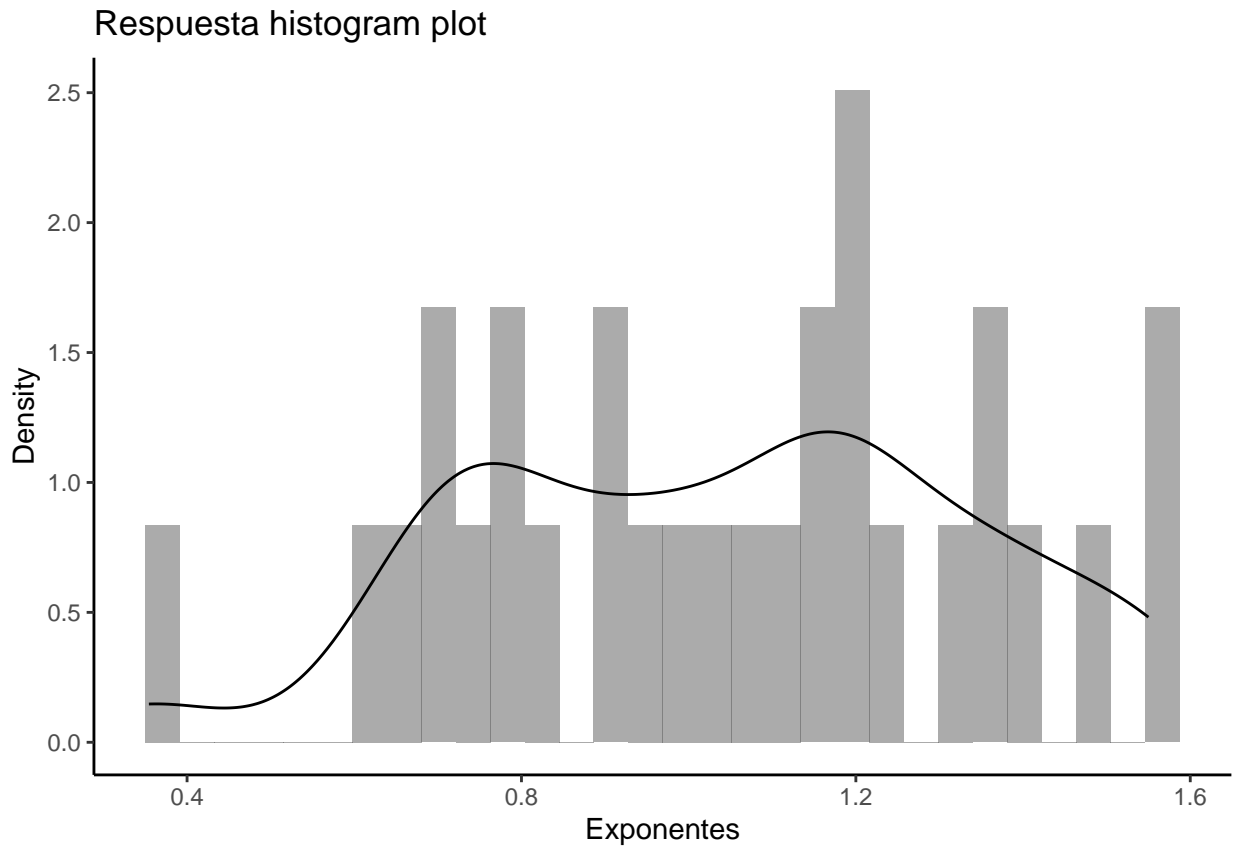
## condicion_salaSALA_GRANDE          -0.03619    0.28339  46.03820  -0.128
## log(distancia)                      1.07175    0.06701 143.00000  15.994
## condicion_salaSALA_GRANDE:log(distancia) -0.06092    0.09644 143.00000  -0.632
##                                     Pr(>|t|)
## (Intercept)                        8.28e-07 ***
## condicion_salaSALA_GRANDE          0.899
## log(distancia)                     < 2e-16 ***
## condicion_salaSALA_GRANDE:log(distancia) 0.529
## ---
## 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 -0.695
## log(distnc)    -0.491  0.341
## c_SALA_GRANDE: 0.341 -0.491          -0.695
##
## Type III Analysis of Variance Table with Satterthwaite's method
##
##               Sum Sq Mean Sq NumDF   DenDF  F value Pr(>F)
## condicion_sala      0.002   0.002     1  46.038   0.0163 0.8989
## log(distancia)    49.646  49.646     1 143.000 466.2828 <2e-16 ***
## condicion_sala:log(distancia) 0.042   0.042     1 143.000   0.3990 0.5286
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

Obteniendo coeficiente por sujeto







Análisis de correlación

Correlacion ambas salas (log log)

