# Interaction limited_edition and Log price

```{r}

preliminar.model2 <- glm(online_only ~ limited_edition + exclusive + log_price +
log_value_price + log_love + limited_edition:log_price, family = binomial, data
= sephora)


summary(preliminar.model2)

```

```
Call:
glm(formula = online_only ~ limited_edition + exclusive + log_price +
    log_value_price + log_love + limited_edition:log_price, family = binomial,
    data = sephora)

Coefficients:
                          Estimate Std. Error z value Pr(>|z|)
(Intercept)                3.37860    0.23851  14.166  < 2e-16 ***
limited_edition1          -1.63412    0.49022  -3.333 0.000858 ***
exclusive1                -0.31730    0.06716  -4.725 2.31e-06 ***
log_price                 -0.91806    0.24213  -3.792 0.000150 ***
log_value_price            0.90290    0.23794   3.795 0.000148 ***
log_love                  -0.54912    0.01980 -27.737  < 2e-16 ***
limited_edition1:log_price 0.54567    0.12704   4.295 1.74e-05 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

    Null deviance: 9791.0  on 8986  degrees of freedom
Residual deviance: 8629.8  on 8980  degrees of freedom
AIC: 8643.8

Number of Fisher Scoring iterations: 4
```