Experimento_Tamara.R

Lore

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```
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#Experimento de Tamara

Internet <- read.csv("Internet.csv", header = T)
Internet$Tiempo <- as.factor(Internet$Tiempo)

boxplot(Internet$Velocidad ~ Internet$Tiempo)
```

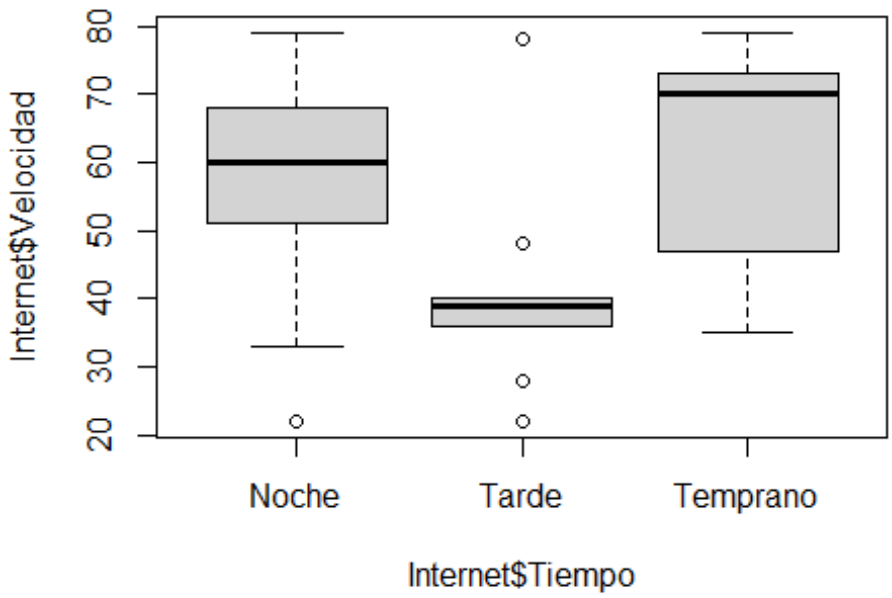


```
tapply(Internet$Velocidad, Internet$Tiempo, mean)

##    Noche    Tarde Temprano
## 56.22222 40.77778 59.55556

tapply(Internet$Velocidad, Internet$Tiempo, var)

##    Noche    Tarde Temprano
## 349.4444 249.6944 337.2778
```

```r
shapiro.test(Internet$Velocidad)
```

```
##
##  Shapiro-Wilk normality test
##
## data:  Internet$Velocidad
## W = 0.91976, p-value = 0.03895
```

```r
bartlett.test(Internet$Velocidad ~ Internet$Tiempo)
```

```
##
##  Bartlett test of homogeneity of variances
##
## data:  Internet$Velocidad by Internet$Tiempo
## Bartlett's K-squared = 0.24901, df = 2, p-value = 0.8829
```

```r
Internet$vel.sqrt <- sqrt(Internet$Velocidad)
shapiro.test(Internet$vel.sqrt)
```

```
##
##  Shapiro-Wilk normality test
##
## data:  Internet$vel.sqrt
## W = 0.92758, p-value = 0.06031
```

```r
in.aov <- aov(Internet$vel.sqrt ~ Internet$Tiempo)
summary(in.aov)
```

```
##                 Df Sum Sq Mean Sq F value Pr(>F)
## Internet$Tiempo  2   9.11   4.554   2.889 0.0751 .
## Residuals       24  37.83   1.576
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```