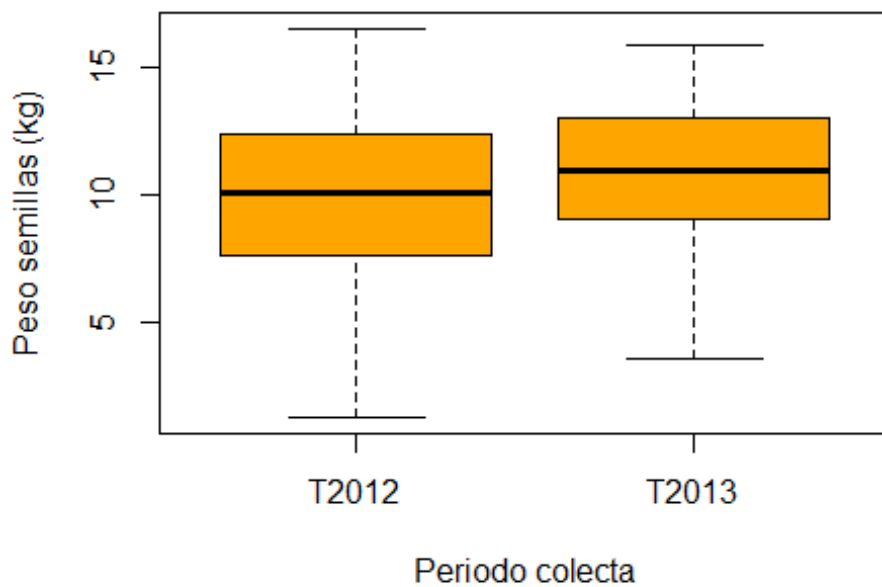


## Sscript5\_prueba\_de\_T\_dependiente.R

Usuario

2025-04-09

```
# Tamara Martinez Martinez  
# 2067694  
# 09/04/2025  
  
# Prueba de t dependiente  
  
semillas <- read.csv("Prod.csv", header = T)  
semillas$Tiempo <- as.factor(semillas$Tiempo)  
  
boxplot(semillas$Kgsem ~ semillas$Tiempo,  
        xlab = "Periodo colecta",  
        ylab = "Peso semillas (kg)",  
        col = "orange")
```



```
tapply(semillas$Kgsem, semillas$Tiempo, mean)  
  
## T2012 T2013  
## 10.1066 10.8954
```

10.1066-10.8954

```
## [1] -0.7888
```

```
t.test(semillas$Kgsem ~ semillas$Tiempo, paired = T)
```

```
##
```

```
## Paired t-test
```

```
##
```

```
## data: semillas$Kgsem by semillas$Tiempo
```

```
## t = -1.2538, df = 49, p-value = 0.2159
```

```
## alternative hypothesis: true mean difference is not equal to 0
```

```
## 95 percent confidence interval:
```

```
## -2.0530953 0.4754953
```

```
## sample estimates:
```

```
## mean difference
```

```
## -0.7888
```