Examen_parcial.R

Usuario

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```
#Primer examen parcial
#Métodos Estadísticos
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# 24/09/2024

diametro <-
read.csv("https://raw.githubusercontent.com/mgtagle/Met_Est_2024/refs/hea
ds/main/Datos_Examen/parcelas.csv", header = T)

#boxplot
boxplot(diametro$Diámetro, col = "lavender", xlab = "Diámetro", ylab =
"Parcelas")
```

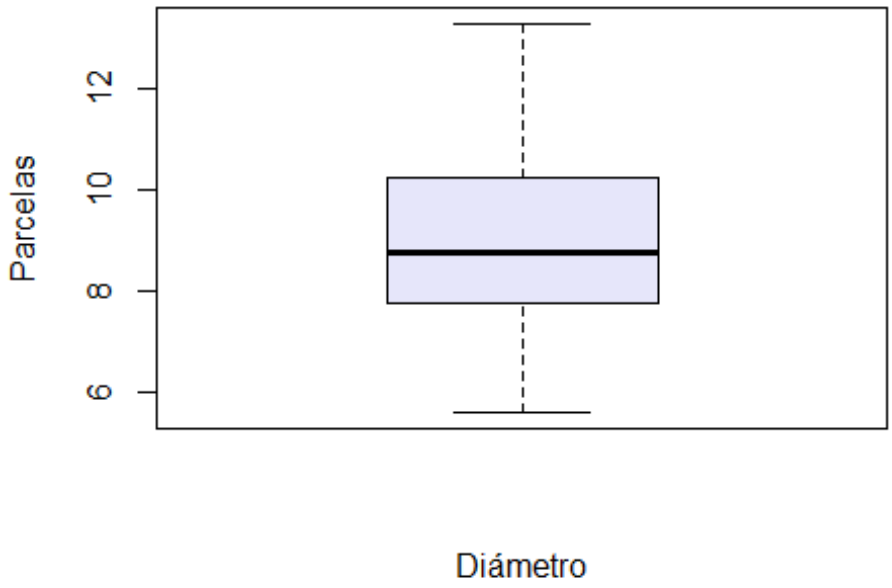


```
#Shapiro test
shapiro.test(diametro$Diámetro)

##
##  Shapiro-Wilk normality test
```

```
##
## data:  diametro$Diámetro
## W = 0.98098, p-value = 0.1583
```

```
#Prueba de t
t.test(diametro$Diámetro~ diametro$Parcelas)
```

```
##
##  Welch Two Sample t-test
##
## data:  diametro$Diámetro by diametro$Parcelas
## t = -2.5321, df = 95.755, p-value = 0.01297
## alternative hypothesis: true difference in means between group Parcela
A and group Parcela B is not equal to 0
## 95 percent confidence interval:
##  -1.5663119 -0.1896881
## sample estimates:
## mean in group Parcela A mean in group Parcela B
##                   8.440                   9.318
```