

Examen_parcialnov.R

Usuario

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#EXAMEN PARCIAL

#EJERCICIOS 15 Y 16

set.seed(42)
n <- 30
altura <- rnorm(n, mean = 170, sd = 10)
peso <- 0.5 * altura + rnorm(n, mean = 0, sd = 5)

t.test(altura*peso)

##
## One Sample t-test
##
## data: altura * peso
## t = 37.364, df = 29, p-value < 2.2e-16
## alternative hypothesis: true mean is not equal to 0
## 95 percent confidence interval:
## 13730.81 15321.04
## sample estimates:
## mean of x
## 14525.93

shapiro.test(altura*peso)

##
## Shapiro-Wilk normality test
##
## data: altura * peso
## W = 0.97704, p-value = 0.7425
```