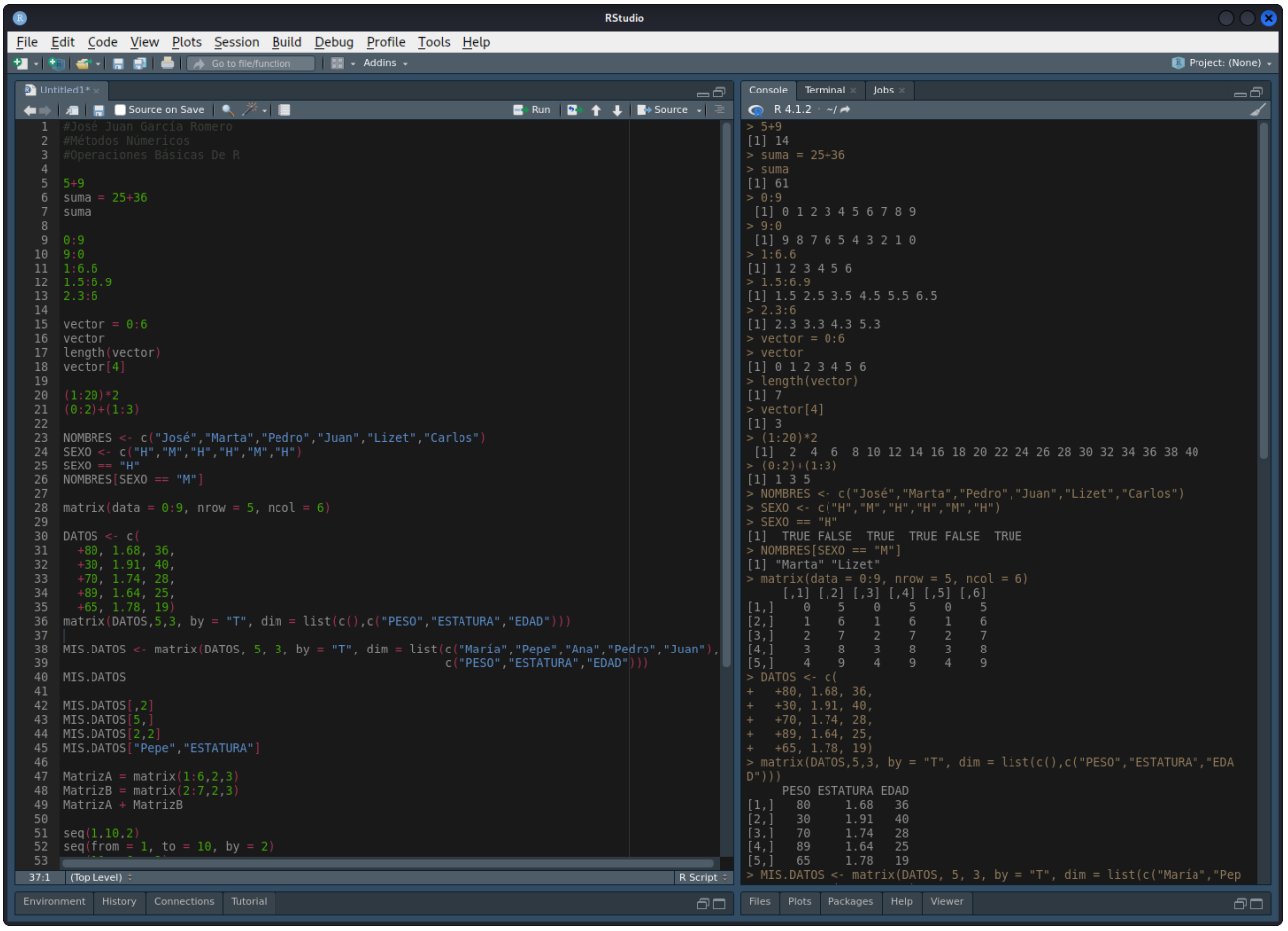
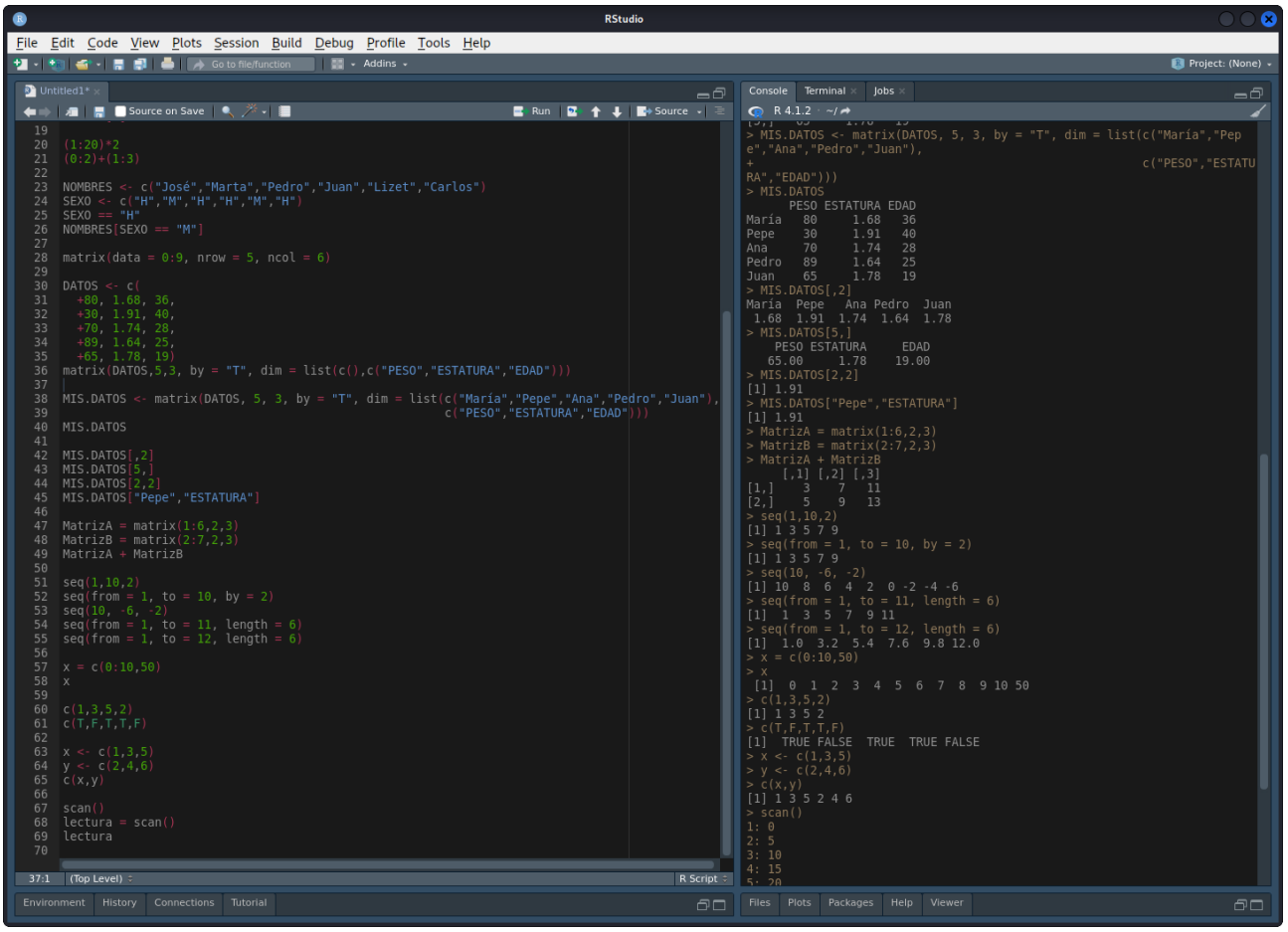
García Romero José Juan | Métodos Estadísticos | 21/02/2022

Operaciones Básicas




RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
Source on Save
Run
Source
(1:20)*2
(0:2)+(1:3)
NOMBRES <- c("José","Marta","Pedro","Juan","Lizet","Carlos")
SEXO <- c("H","M","H","H","M","H")
SEXO == "H"
NOMBRES[SEXO == "M"]
matrix(data = 0:9, nrow = 5, ncol = 6)
DATOS <- c(
+80, 1.68, 36,
+30, 1.91, 40,
+70, 1.74, 28,
+89, 1.64, 25,
+65, 1.78, 19)
matrix(DATOS,5,3, by = "T", dim = list(c(),c("PESO","ESTATURA","EDAD")))
MIS.DATOS <- matrix(DATOS, 5, 3, by = "T", dim = list(c("María","Pepe","Ana","Pedro","Juan"),
c("PESO","ESTATURA","EDAD")))
MIS.DATOS
MIS.DATOS[,2]
MIS.DATOS[5,]
MIS.DATOS[2,2]
MIS.DATOS["Pepe","ESTATURA"]
MatrizA = matrix(1:6,2,3)
MatrizB = matrix(2:7,2,3)
MatrizA + MatrizB
seq(1,10,2)
seq(from = 1, to = 10, by = 2)
seq(10, -6, -2)
seq(from = 1, to = 11, length = 6)
seq(from = 1, to = 12, length = 6)
x = c(0:10,50)
x
c(1,3,5,2)
c(T,F,T,T,F)
x <- c(1,3,5)
y <- c(2,4,6)
c(x,y)
scan()
lectura = scan()
lectura
37:1 (Top Level) R Script
Console Terminal Jobs
R 4.1.2 · ~/
> MIS.DATOS <- matrix(DATOS, 5, 3, by = "T", dim = list(c("María","Pepe","Ana","Pedro","Juan"),
+ c("PESO","ESTATURA","EDAD")))
> MIS.DATOS
PESO ESTATURA EDAD
María 80 1.68 36
Pepe 30 1.91 40
Ana 70 1.74 28
Pedro 89 1.64 25
Juan 65 1.78 19
> MIS.DATOS[,2]
María Pepe Ana Pedro Juan
1.68 1.91 1.74 1.64 1.78
> MIS.DATOS[5,]
PESO ESTATURA EDAD
65.00 1.78 19.00
> MIS.DATOS[2,2]
[1] 1.91
> MIS.DATOS["Pepe","ESTATURA"]
[1] 1.91
> MatrizA = matrix(1:6,2,3)
> MatrizB = matrix(2:7,2,3)
> MatrizA + MatrizB
[,1] [,2] [,3]
[1,] 3 7 11
[2,] 5 9 13
> seq(1,10,2)
[1] 1 3 5 7 9
> seq(from = 1, to = 10, by = 2)
[1] 1 3 5 7 9
> seq(10, -6, -2)
[1] 10 8 6 4 2 0 -2 -4 -6
> seq(from = 1, to = 11, length = 6)
[1] 1 3 5 7 9 11
> seq(from = 1, to = 12, length = 6)
[1] 1.0 3.2 5.4 7.6 9.8 12.0
> x = c(0:10,50)
> x
[1] 0 1 2 3 4 5 6 7 8 9 10 50
> c(1,3,5,2)
[1] 1 3 5 2
> c(T,F,T,T,F)
[1] TRUE FALSE TRUE TRUE FALSE
> x <- c(1,3,5)
> y <- c(2,4,6)
> c(x,y)
[1] 1 3 5 2 4 6
> scan()
1: 0
2: 5
3: 10
4: 15
5: 20
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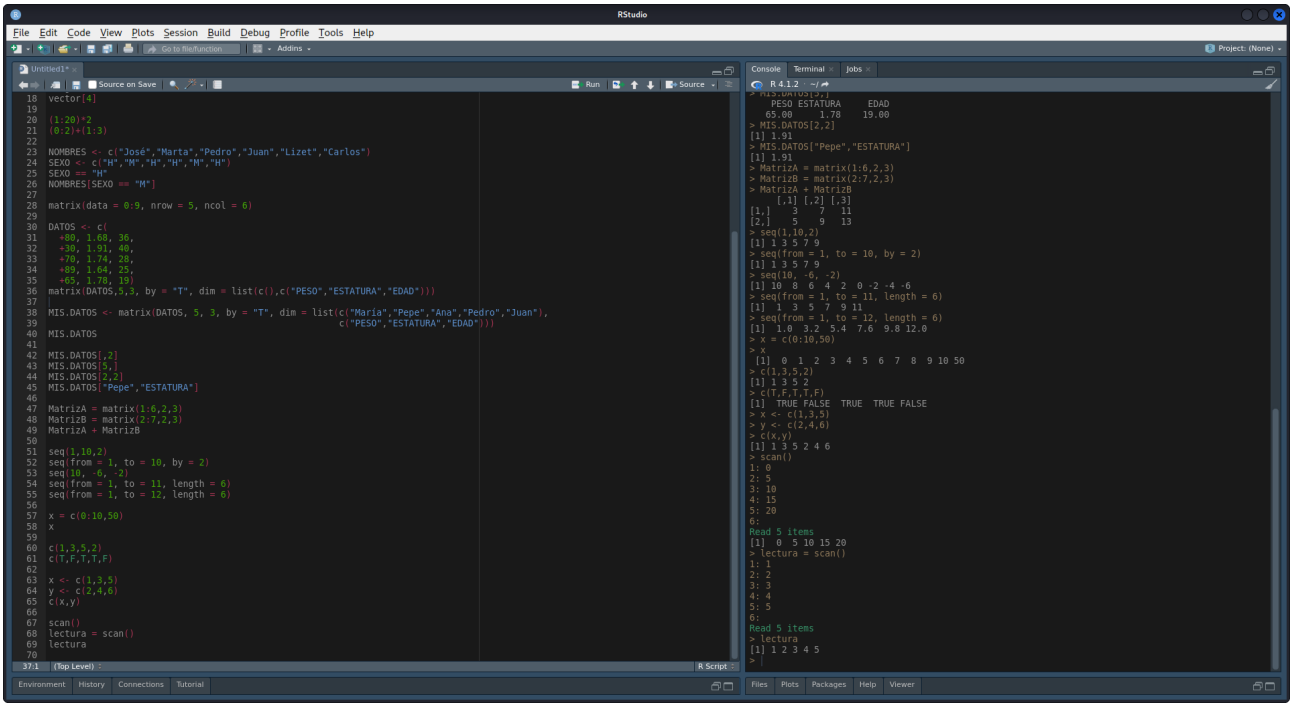
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1*
vector[4]
(1:20)*2
(0:2)+(1:3)
NOMBRES <- c("José","Marta","Pedro","Juan","Lizet","Carlos")
SEXO <- c("H","M","H","H","M","H")
SEXO == "H"
NOMBRES[SEXO == "M"]
matrix(data = 0:9, nrow = 5, ncol = 6)
DATOS <- c(
+80, 1.68, 36,
+30, 1.91, 40,
+70, 1.74, 28,
+89, 1.64, 25,
+65, 1.78, 19)
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MIS.DATOS[5,]
MIS.DATOS[2,2]
MIS.DATOS["Pepe","ESTATURA"]
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seq(from = 1, to = 10, by = 2)
seq(10, -6, -2)
seq(from = 1, to = 11, length = 6)
seq(from = 1, to = 12, length = 6)
x = c(0:10,50)
x
c(1,3,5,2)
c(T,F,T,T,F)
x <- c(1,3,5)
y <- c(2,4,6)
c(x,y)
scan()
lectura = scan()
lectura
37:1 (Top Level) R Script
Console Terminal Jobs
R 4.1.2 · ~/
PESO ESTATURA EDAD
65.00 1.78 19.00
> MIS.DATOS[2,2]
[1] 1.91
> MIS.DATOS["Pepe","ESTATURA"]
[1] 1.91
> MatrizA = matrix(1:6,2,3)
> MatrizB = matrix(2:7,2,3)
> MatrizA + MatrizB
[,1] [,2] [,3]
[1,] 3 7 11
[2,] 5 9 13
> seq(1,10,2)
[1] 1 3 5 7 9
> seq(from = 1, to = 10, by = 2)
[1] 1 3 5 7 9
> seq(10, -6, -2)
[1] 10 8 6 4 2 0 -2 -4 -6
> seq(from = 1, to = 11, length = 6)
[1] 1 3 5 7 9 11
> seq(from = 1, to = 12, length = 6)
[1] 1.0 3.2 5.4 7.6 9.8 12.0
> x = c(0:10,50)
> x
[1] 0 1 2 3 4 5 6 7 8 9 10 50
> c(1,3,5,2)
[1] 1 3 5 2
> c(T,F,T,T,F)
[1] TRUE FALSE TRUE TRUE FALSE
> x <- c(1,3,5)
> y <- c(2,4,6)
> c(x,y)
[1] 1 3 5 2 4 6
> scan()
1: 0
2: 5
3: 10
4: 15
5: 20
6:
Read 5 items
[1] 0 5 10 15 20
> lectura = scan()
1: 1
2: 2
3: 3
4: 4
5: 5
6:
Read 5 items
> lectura
[1] 1 2 3 4 5
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