

```
1 %load_ext rpy2.ipython
```

The rpy2.ipynb extension is already loaded. To reload it, use:

```
%reload_ext rpy2.ipynb
```

```
1 %R
2 install.packages("ggplot2")
3 install.packages("dplyr")
4 install.packages("readxl")
5 install.packages("ape")
6 library(ggplot2)
7 library(dplyr)
8 library(readxl)
9 library(ape)
10
```

[illegible]

[illegible]

```
1 %%R
2 datos <- read_excel('/content/drive/MyDrive/2022-1S/Computación estadística/cosechaVARIEDADxy.xlsx')
3 mod1=aov(cosecha ~ variedad, data=datos)
```

```
1 %%R
2 dist_matrix <- as.matrix(dist(cbind(datos$x,datos$y)))
3
4 dist_matrix_inv <- 1 / dist_matrix
5 diag(dist_matrix_inv) <- 0
6
7 Moran.I(mod1$residuals, dist_matrix_inv)
```

```
$observed
[1] -0.006222189
```

```
$expected
[1] -0.01886792
```

```
$sd
[1] 0.01712343
```

```
$p.value
[1] 0.4602078
```

Hay autocorrelacion espacial entre las variables, sin embargo, es minima y puede ser despreciable

✓ 0 s se ejecutó 14:50

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