

Deber Actividad Revisión – Evaluación

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Fecha: 9/11/2022

MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura

```
Usuario@DESKTOP-TPNNH6H MINGW64 /d/Usuario/Desktop
$ cd

Usuario@DESKTOP-TPNNH6H MINGW64 ~
$ cd oneDrive

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ mkdir tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ mv AgGCN1.0_properties.csv tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ cd tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ head -n 2 AgGCN1.0_properties.csv
id,Gene name,strength,eigenvector,close,betweenness,community,
core4854,core6920,core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
```

MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura

```
core4854,core6920,core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
```

```
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsv

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ head EigenBetw.tsv
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0
AGAP000011,0.028812269,7.34E-05
AGAP000012,0.000156442,4.72E-05
AGAP000013,0.002796483,0.000830249

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ nano tc2_RodriguezLaura.sh

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ nano tc2_RodriguezLaura.sh

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ |
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
GNU nano 6.4 tc2_RodriguezLaura.sh Modified
echo "Comandos para ver las primeras 7 filas y las 5 últimas de EigenBetw.tsv"
echo -e "\n"
echo "Primeras 7 filas"
echo -e "\n"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "Últimas 5 filas"
echo -e "\n"
tail -n 5 EigenBetw.tsv

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ bash tc2_RodriguezLaura.sh
Comandos para ver las primeras 7 filas y las 5 últimas de EigenBetw.tsv

Primeras 7 filas

id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0

Últimas 5 filas

AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
GNU nano 6.4 tc2_RodriguezLaura2.sh
echo "Registro de los id que terminan en 5"
echo -e "\n"
grep ^[AGAP][0-9]*[5]$ | sort -n -t 3 EigenBetw.tsv >> EigenBetw5.csv
```

```
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ nano tc2_RodriguezLaura2.sh
```

```
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
```

```
$ bash EigenBetw5.csv
```

```
EigenBetw5.csv: line 1: AGAP000002,0.008787135,2.91E-05: command not found
EigenBetw5.csv: line 2: AGAP000005,0.013750498,0.000171241: command not found
EigenBetw5.csv: line 3: AGAP000007,7.90E-06,0: command not found
EigenBetw5.csv: line 4: AGAP000008,0.000383447,1.22E-06: command not found
EigenBetw5.csv: line 5: AGAP000009,0.013802427,0.000654142: command not found
EigenBetw5.csv: line 6: AGAP000010,0.000101576,0: command not found
EigenBetw5.csv: line 7: AGAP000011,0.028812269,7.34E-05: command not found
EigenBetw5.csv: line 8: AGAP000012,0.000156442,4.72E-05: command not found
EigenBetw5.csv: line 9: AGAP000013,0.002796483,0.000830249: command not found
EigenBetw5.csv: line 10: AGAP000014,9.20E-05,1.04E-05: command not found
EigenBetw5.csv: line 11: AGAP000015,0.000112631,4.18E-05: command not found
EigenBetw5.csv: line 12: AGAP000016,1.88E-05,0.000198007: command not found
EigenBetw5.csv: line 13: AGAP000017,0.005300176,0.000134618: command not found
EigenBetw5.csv: line 14: AGAP000018,2.35E-06,2.88E-06: command not found
EigenBetw5.csv: line 15: AGAP000019,0.000924483,9.16E-05: command not found
EigenBetw5.csv: line 16: AGAP000021,5.62E-05,1.15E-07: command not found
EigenBetw5.csv: line 17: AGAP000022,0.00158626,1.47E-05: command not found
EigenBetw5.csv: line 18: AGAP000023,0.000198338,5.75E-08: command not found
EigenBetw5.csv: line 19: AGAP000025,0.004387554,0.000258465: command not found
EigenBetw5.csv: line 20: AGAP000028,0.000432169,3.62E-06: command not found
EigenBetw5.csv: line 21: AGAP000029,0.000343421,9.01E-06: command not found
EigenBetw5.csv: line 22: AGAP000032,1.55E-05,0: command not found
EigenBetw5.csv: line 23: AGAP000033,0.000281423,1.65E-05: command not found
```