

R version 4.4.3 (2025-02-28 ucrt) -- "Trophy Case"  
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Platform: x86\_64-w64-mingw32/x64

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Type 'license()' or 'licence()' for distribution details.

Natural language support but running in an English locale

R is a collaborative project with many contributors.  
Type 'contributors()' for more information and  
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or  
'help.start()' for an HTML browser interface to help.  
Type 'q()' to quit R.

[Previously saved workspace restored]

```
> load("C:\\Users\\anava\\OneDrive\\Documentos\\MBA\\IAA-03\\Script\\saidat2")
> source("C:\\Users\\anava\\OneDrive\\Documentos\\MBA\\IAA-03\\Script\\T2")
Error: unexpected symbol in "source("C"
> source("C:\\Users\\anava\\OneDrive\\Documentos\\MBA\\IAA-03\\Script\\T2")
Error in file(filename, "r", encoding = encoding) :
  cannot open the connection
In addition: Warning message:
In file(filename, "r", encoding = encoding) :
  cannot open file 'C:\\Users\\anava\\OneDrive\\Documentos\\MBA\\IAA-03\\Script\\T2': No such file or
directory
> source("C:\\Users\\anava\\OneDrive\\Documentos\\MBA\\IAA-03\\Script\\T2.r")
Installing package into 'C:/Users/anava/AppData/Local/R/win-library/4.4'
(as 'lib' is unspecified)
--- Please select a CRAN mirror for use in this session ---
trying URL 'https://cran-r.c3sl.ufpr.br/bin/windows/contrib/4.4/e1071_1.7-16.zip'
Content type 'application/zip' length 674211 bytes (658 KB)
downloaded 658 KB
```

package 'e1071' successfully unpacked and MD5 sums checked

The downloaded binary packages are in  
C:\Users\anava\AppData\Local\Temp\RtmpoN9FRv\downloaded\_packages  
Installing package into 'C:/Users/anava/AppData/Local/R/win-library/4.4'  
(as 'lib' is unspecified)  
trying URL 'https://cran-r.c3sl.ufpr.br/bin/windows/contrib/4.4/randomForest\_4.7-1.2.zip'  
Content type 'application/zip' length 226197 bytes (220 KB)  
downloaded 220 KB

package 'randomForest' successfully unpacked and MD5 sums checked

The downloaded binary packages are in  
C:\Users\anava\AppData\Local\Temp\RtmpoN9FRv\downloaded\_packages  
Installing package into 'C:/Users/anava/AppData/Local/R/win-library/4.4'  
(as 'lib' is unspecified)  
trying URL 'https://cran-r.c3sl.ufpr.br/bin/windows/contrib/4.4/neuralnet\_1.44.2.zip'  
Content type 'application/zip' length 124825 bytes (121 KB)  
downloaded 121 KB

package 'neuralnet' successfully unpacked and MD5 sums checked

The downloaded binary packages are in  
C:\Users\anava\AppData\Local\Temp\RtmpoN9FRv\downloaded\_packages  
Installing package into 'C:/Users/anava/AppData/Local/R/win-library/4.4'  
(as 'lib' is unspecified)  
trying URL 'https://cran-r.c3sl.ufpr.br/bin/windows/contrib/4.4/kernlab\_0.9-33.zip'  
Content type 'application/zip' length 2322323 bytes (2.2 MB)  
downloaded 2.2 MB

package 'kernlab' successfully unpacked and MD5 sums checked  
Warning: cannot remove prior installation of package 'kernlab'  
Warning: restored 'kernlab'

The downloaded binary packages are in

```

C:\Users\anava\AppData\Local\Temp\RtmpoN9FRv\downloaded_packages
Installing package into 'C:/Users/anava/AppData/Local/R/win-library/4.4'
(as 'lib' is unspecified)
trying URL 'https://cran-r.c3sl.ufpr.br/bin/windows/contrib/4.4/caret_7.0-1.zip'
Content type 'application/zip' length 3604364 bytes (3.4 MB)
downloaded 3.4 MB

```

```

package 'caret' successfully unpacked and MD5 sums checked
Warning: cannot remove prior installation of package 'caret'
Warning: restored 'caret'

```

```

The downloaded binary packages are in
C:\Users\anava\AppData\Local\Temp\RtmpoN9FRv\downloaded_packages
Loading required package: ggplot2
Loading required package: lattice

```

DAP	HT	HP	VOL
Min. :27.50	Min. :22.80	Min. :1.000	Min. :0.6982
1st Qu.:32.50	1st Qu.:25.50	1st Qu.:1.700	1st Qu.:1.0553
Median :35.25	Median :26.40	Median :2.225	Median :1.3006
Mean :35.86	Mean :26.24	Mean :2.135	Mean :1.3583
3rd Qu.:39.05	3rd Qu.:27.15	3rd Qu.:2.562	3rd Qu.:1.6191
Max. :49.00	Max. :28.40	Max. :3.400	Max. :2.5245

```

-----treinar modelo base random forest-----

```

```

note: only 2 unique complexity parameters in default grid. Truncating the grid to 2 .

```

```

-----treinar modelo base-svm -----
-----treinar modelo neuralnet -----
-----treinar modelo SPURR -----

```

```

-----r2 Metrica-----

```

```

-----r2 rf -----

```

```

[1] 0.8535647

```

```

-----r2 svm -----

```

```

[1] 0.8484652

```

```

-----r2 rn -----

```

```

[1] 0.882399

```

```

-----r2 alom -----

```

```

[1] 0.8356895

```

```

-----syx Metrica-----

```

```

-----syx rf -----

```

```

[1] 0.1445527

```

```

-----syx base-svm -----

```

```

[1] 0.1470481

```

```

-----syx rn -----

```

```

[1] 0.1295415

```

```

-----syx alom -----

```

```

[1] 0.1531214

```

```

-----syx perc Metrica-----

```

```

-----syx perc rf -----

```

[1]	67.99302	122.81068	58.59636	99.52874	53.65459	119.37169	137.28685
[8]	61.85466	84.22237	82.63716	79.99108	125.70055	77.26335	116.13644
[15]	97.73258	118.38257	97.78208	126.07391	98.83739	152.26326	

```

-----syx perc base-svm -----

```

[1]	67.12011	121.23401	57.84408	98.25096	52.96576	117.83917	135.52432
[8]	61.06055	83.14110	81.57624	78.96414	124.08678	76.27142	114.64545
[15]	96.47786	116.86275	96.52672	124.45534	97.56849	150.30846	

```

-----syx perc rn -----

```

[1]	67.97508	122.77827	58.58089	99.50247	53.64043	119.34019	137.25062
[8]	61.83834	84.20014	82.61535	79.96997	125.66738	77.24296	116.10579
[15]	97.70678	118.35133	97.75627	126.04064	98.81131	152.22307	

```

-----syx perc alom -----

```

[1]	67.64653	122.18485	58.29775	99.02154	53.38117	118.76338	136.58724
[8]	61.53945	83.79318	82.21604	79.58345	125.05999	76.86962	115.54462
[15]	97.23454	117.77930	97.28378	125.43144	98.33372	151.48733	

```

There were 50 or more warnings (use warnings() to see the first 50)

```

```

>

```