

## Session Info of SDM with ModleR

Table 1. Session info (output of ModleR)	
R version	4.3.3
os	Windows 10 x64
system	x86_64, mingw32
ui	RStudio
language	(EN)
collate	Portuguese_Brazil.utf8
ctype	Portuguese_Brazil.utf8
tz	America/Sao_Paulo
date	02/08/2024
rstudio	2023.12.1+402 Ocean Storm (desktop)

## R packages versions

Table 2. R Packages and versions used	
package	version
<b>packages from ModleR</b>	
caret	6.0-94
class	7.3-22
classInt	0.4-10
cli	3.6.2
codetools	0.2-19
colorspace	2.1-0
data.table	1.15.4
DBI	1.2.2
digest	0.6.35
dismo	1.3-14
dplyr	1.1.4
e1071	1.7-14
evaluate	0.23
fansi	1.0.6
fastmap	1.1.1
foreach	1.5.2
future	1.33.2
future.apply	1.11.2
generics	0.1.3
ggplot2	3.5.0
globals	0.16.3
glue	1.7.0
gower	1.0.1

gtable	0.3.4
hardhat	1.3.1
hms	1.1.3
htmltools	0.5.8
ipred	0.9-14
iterators	1.0.14
KernSmooth	2.23-22
knitr	1.45
kuenm	1.1.10
lattice	0.22-5
lava	1.8.0
lifecycle	1.0.4
listenv	0.9.1
lubridate	1.9.3
magrittr	2.0.3
MASS	7.3-60.0.1
Matrix	1.6-5
maxnet	0.1.4
ModelMetrics	1.2.2.2
modleR	1.0.0
munsell	0.5.1
nlme	3.1-164
nnet	7.3-19
parallelly	1.37.1
pillar	1.9.0
pkgconfig	2.0.3
pkgload	1.3.4
plyr	1.8.9
pROC	1.18.5
prodlim	2023.08.28
proxy	0.4-27
purrr	1.0.2
R6	2.5.1
raster	3.6-26
rbibutils	2.2.16
Rcpp	1.0.12
Rdpack	2.6
readr	2.1.5
recipes	1.0.10
reshape2	1.4.4
rgdal	1.6-6
rgeos	0.6-4
D rJava	1.0-11

rlang	1.1.3
rmarkdown	2.26
rpart	4.1.23
rstudioapi	0.16.0
scales	1.3.0
sessioninfo	1.2.2
sf	1.0-16
sp	2.1-3
stringi	1.8.3
stringr	1.5.1
survival	3.5-8
terra	1.7-71
tibble	3.2.1
tidyselect	1.2.1
timechange	0.3.0
timeDate	4032.109
tzdb	0.4.0
units	0.8-5
utf8	1.2.4
vctrs	0.6.5
withr	3.0.0
xfun	0.43

#### **Others packages used**

tidyverse	2
tmap	3.3.4
geobr	1.8.1

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