

Which response data type?

Which explanatory data format?

Spatial.point.data.frame or
matrix/data.frame + XY

RasterStack

Presence Absences

Pseudo-Absences Selection

No Pseudo-Absences Selection

resp.var

Sp1
1
1
0
NA
NA
0
0
NA
1

expl.var

Var1	Var2	Var3

resp.xy

X	Y

PA background

Optional except if you want to :
- do a spatialised Pseudo-Absences selection ('disk')
- run a spatialised model (MAXENT)

Pseudo-Absences candidates are chosen in
NA cells of Response variable

Explanatory and Response variables must match in number of rows

Pseudo-Absences Selection

No Pseudo-Absences Selection

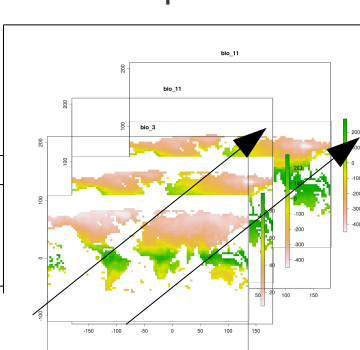
resp.xy

X	Y

resp.var

Sp1
1
1
0
NA
0
0
NA
1

expl.var



PA background

Optional except if you want to :
- do a spatialised Pseudo-Absences selection ('disk')
- run a spatialised model (MAXENT)

If some NAs are in Response variable then
Pseudo-Absences are chosen among this
Nas else Pseudo-Absences are extracted in
Explanatory RasterStack.

Presence only

Pseudo-Absences Selection

No Pseudo-Absences Selection

resp.var

Sp1
1
1
1
NA
NA
NA
1
NA
1

expl.var

Var1	Var2	Var3

resp.xy

X	Y

PA background

Optional except if you want to :
- do a spatialised Pseudo-Absences selection ('disk')
- run a spatialised model (MAXENT)

Pseudo-Absences candidates are chosen in
NA cells of Response variable

Explanatory and Response variables must match in number of rows

Pseudo-Absences Selection

No Pseudo-Absences Selection

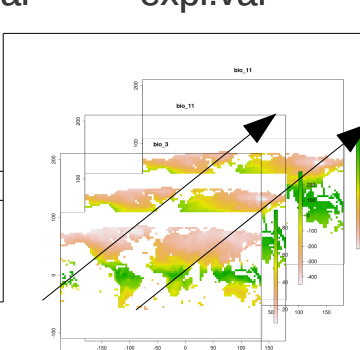
resp.xy

X	Y

resp.var

Sp1
1
1
1
NA
NA
NA
1
NA
1

expl.var



PA background

Optional except if you want to :
- do a spatialised Pseudo-Absences selection ('disk')
- run a spatialised model (MAXENT)

If some NAs are in Response variable then
Pseudo-Absences are chosen among this
Nas else Pseudo-Absences are chosen in
Explanatory RasterStack.
In case of a Response variable filled only with
presences, spatial.points input are allowed.