Package: allinone (via r-universe)

September 30, 2024

Encoding UTF-8

Type Package

Title All-in-on Model Based Custom Predictions for Alberta

Version 0.0-1

Date 2020-11-03

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Description Decision support tool that provides an interface to enable custom predictions based on estimates created by the Alberta Biodiversity Monitoring Institute (ABMI) in collaboration with the Boreal Avian Modelling (BAM) Project.

URL https://github.com/ABbiodiversity/allinone

BugReports https://github.com/ABbiodiversity/allinone/issues

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LazyLoad yes

LazyData true

Depends R (>= 3.5.0), Matrix

Imports methods

Suggests knitr, rmarkdown, mefa4

VignetteBuilder knitr

RoxygenNote 7.1.1

Repository https://psolymos.r-universe.dev

RemoteUrl https://github.com/ABbiodiversity/allinone

RemoteRef HEAD

RemoteSha 6c0fa11ccb5c2e2ec5b78a12ad2ffa97d2f97799

Contents

`coefs` *Coefficients*

Description

Download, load, unload coefficients.

Usage

```
ai_dowload_coefs(dir = NULL, ...)

ai_load_coefs(dir = NULL)

ai_unload_coefs()
```

Arguments

`dir`	Directory path.
`...`	Arguments parameters passed to [utils::download.file()].

Value

'ai_dowload_coefs' dowloads a file as a side effect.

'ai_load_coefs' loads the coefficients into the current session.

'ai_unload_coefs' unloads the coefficients from the current session.

See Also

[utils::download.file()].

helper — *Helpers Helper functions to list species and vegetation/soil/footprint classes.*

Description

Helpers Helper functions to list species and vegetation/soil/footprint classes.

Usage

```
ai_species()

ai_classes()
```

preds — *Predict*

Description

Predict based on input data.

Usage

```
ai_predict(spp, spclim, veghf = NULL, soilhf = NULL, i = 1)
```

Arguments

spp	Stecies ID.
spclim	Space climate data as a data frame.
veghf, soilhf	Vegetation/Soil and footprint info as (1) a vector of land cover classes or as a (2) composition matrix with land cover classes as columns.
i	Bootstrap ID (1-100).

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