Package: RDBESvisualise (via r-universe)

November 23, 2026

Type Package

Title Visualisation and Summarisation Tools for RDBES Data

Version 0.1.1

Description Provides utility functions to summarise and visualise data from Regional Database and Estimation System (RDBES).

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.3.3

Roxygen list(markdown = TRUE)

Suggests knitr, rmarkdown, testthat

Depends R (>= 4.1)

Imports data.table, ggplot2, magrittr, RDBEScore

VignetteBuilder knitr

Repository https://ices-tools-dev.r-universe.dev

Date/Publication 2026-11-20 09:42:15 UTC

RemoteUrl https://github.com/ices-tools-dev/RDBESvisualise

RemoteRef HEAD

RemoteSha 2ea30772483e5fd0a58225c42f361d0d5a9b8017

Contents

amountByGroup 2

Index **4**

amountByGroup *Summarise numeric and categorical variables by grouping variables*

Description

amountByGroup() summarises one or more variables (numeric and/or categorical) by one or more grouping variables. Numeric variables are aggregated using sums, while categorical variables are summarised as frequency counts. The function supports flexible filtering, percentage conversion, grouped summaries, and optional plotting. Designed for RDBES datasets or similar.

Usage

```
amountByGroup(
  data,
  var,
  valBy,
  filters = NULL,
  output_type = c("table", "plot"),
  asPct = FALSE,
  assign_to_global = FALSE,
  verbose = TRUE
)
```

Arguments

data	A data.frame or data.table.
var	Character vector of column names to summarise.
valBy	Character vector of grouping variables.
filters	Optional named list of filters applied before aggregation.
output_type	One of "table" or "plot".
asPct	Logical; if TRUE, numeric summaries are converted to percentages.
assign_to_global	Logical; if TRUE, assigns result to .GlobalEnv.
verbose	Logical; print progress messages.

Details

Main features:

- Numeric variables are summed (optionally converted to percentages).
- Categorical variables are counted as frequencies.
- Multiple variables can be summarised simultaneously.
- Optional filtering prior to aggregation.
- Optional plotting using ggplot2.

When both numeric and categorical variables are supplied, the result is returned as a list with components $numeric and $categorical.

Value

Invisibly returns a `data.table` or a list of tables.

Examples

```
## Not run:

Summarise one numeric variable by year and flag
tbl1 <- amountByGroup(
  data = landings,
  var = "LiveWeight",
  valBy = c("Year", "FlagCountry"),
  filters = list(SpeciesGroup = "COD"),
  asPct = FALSE,
  output_type = "table"
)

Summarise a categorical variable (species name)
tbl2 <- amountByGroup(
  data = landings,
  var = "SpeciesName",
  valBy = "Harbour",
  output_type = "plot"
)

Summarise multiple numeric + categorical variables together
tbl3 <- amountByGroup(
  data = landings,
  var = c("Weight", "NumSamp", "SpeciesName"),
  valBy = c("Year", "FlagCountry"),
  output_type = "table"
)

## End(Not run)
```

Index

amountByGroup, 2