Package: funplots (via r-universe)

May 17, 2026

Title Exploratory plots of Alaskan survey and fisheries data in support of stock assessment

Version 0.0.0.9000

Description Pulls in survey, observer and catch data from the Eastern Bering Sea, Northern Bering Sea, Aleutian Islands, and Gulf of Alaska and automates creation of plots for each groundfish species to understand time-varying, seasonal, and spatial aspects of these fish populations and fisheries. This package was created in support of Alaska stock assessment science to inform model specification and interpretation.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports dplyr, ggplot2, magrittr, odbc, stringr, viridis, viridisLite

Remotes github::afsc-assessments/afscdata

Suggests keyring

Config/pak/sysreqs make libicu-dev unixodbc-dev

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

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RemoteUrl https://github.com/afsc-assessments/funplots

RemoteRef HEAD

RemoteSha d8cf22abd04438692a197c6330c3d5692f3f4122

Contents

`plot_total_catch` *Plot catches for each species by gear*

Description

Plot catches for each species by gear

Usage

```
plot_total_catch(thedata, year, species, area)
```

Arguments

`thedata`	catch data frame
`year`	latest year to include
`species`	species group code, e.g. "DUSK" found where
`area`	sample area "GOA", "AI" or "BS" (or combos)

Examples

```
plot_total_catch(year = 2022,species = "DUSK",area = "GOA",db = akfin)
```

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