# Package 'skyline'

September 30, 2023

**Title** Analysis Of Automated Chamber Measurements Of GHG Fluxes

**Version** 0.0.0.9000

**Description**
This package contains code for the analysis of automated chamber measurements of GHG fluxes.

**Depends** R (>= 3.1.2)

**License** MIT + file LICENSE

**LazyData** true

**Suggests** testthat,
knitr,
covr,
roxygen2,
rmarkdown,
pkgload

**VignetteBuilder** knitr

**Imports** rlang (>= 0.4.11),
data.table,
here,
ggplot2,
fs

**RoxygenNote** 7.2.3

**Encoding** UTF-8

## R topics documented:

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| read_cs_data | *read_cs_data* |
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### Description

Read CSI TOA5 data from a file.

Reads CSI TOA5 data from a file and returns a data table.

## Usage

```
read_cs_data(filename, return_option = "data")
```

## Arguments

filename          The path to the file containing the CSI TOA5 data.

return_option     A string indicating what to return. Can be either "data" or "info". If "data", the
                  function will return a data table containing the CSI TOA5 data. If "info", the
                  function will return a list containing the first four lines of the file, which contain
                  metadata about the data.

## Value

A data table containing the CSI TOA5 data, or a list containing the first four lines of the file,
depending on the value of the 'return_option' argument.

## Examples

```
read_cs_data("csi_toa5_data.csv")
# A data table containing the CSI TOA5 data

read_cs_data("csi_toa5_data.csv", return_option = "info")
# A list containing the first four lines of the file, which contain metadata about the data
```

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