

Package ‘SelfControlledCaseSeries’

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Type Package

Title What the package does (short line)

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Description More about what it does (maybe more than one line)

Depends R (>= 3.1.0),
DatabaseConnector

Imports RJDBC,
bit,
Cyclops (>= 1.0.0),
SqlRender (>= 1.0.0),
ff,
ffbase,
Rcpp (>= 0.11.2)

License Apache License

Suggests testthat,
OhdsiRTools

LinkingTo Rcpp

NeedsCompilation yes

R topics documented:

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getDbScCsData

*Todo: add title***Description**

Todo: add description

Usage

```
getDbScCsData(connectionDetails, cdmDatabaseSchema,
  oracleTempSchema = cdmDatabaseSchema,
  outcomeDatabaseSchema = cdmDatabaseSchema,
  outcomeTable = "condition_occurrence", outcomeConceptIds,
  outcomeConditionTypeConceptIds = c(),
  exposureDatabaseSchema = cdmDatabaseSchema, exposureTable = "drug_era",
  exposureConceptIds = c(), excludeConceptIds = c(),
  drugEraCovariates = FALSE, conditionEraCovariates = FALSE,
  procedureCovariates = FALSE, visitCovariates = FALSE,
  observationCovariates = FALSE, deleteCovariatesSmallCount = 100)
```

Arguments

connectionDetails

An R object of type ConnectionDetails created using the function createConnectionDetails in the DatabaseConnector package.

cdmDatabaseSchema

outcomeDatabaseSchema

outcomeTable
outcomeConceptIds

outcomeConditionTypeConceptIds

exposureDatabaseSchema

exposureTable
exposureConceptIds

excludeConceptIds

drugEraCovariates

conditionEraCovariates

procedureCovariates

visitCovariates

observationCovariates

resultsDatabaseSchema

Details

Todo: add details

| | |
|--------------|---|
| loadSccsData | <i>Load the SCCS data from a folder</i> |
|--------------|---|

Description

loadSccsData loads an object of type sccsData from a folder in the file system.

Usage

```
loadSccsData(folder, readOnly = FALSE)
```

Arguments

| | |
|----------|---|
| readOnly | If true, the data is opened read only. |
| file | The name of the folder containing the data. |

Details

The data will be written to a set of files in the folder specified by the user.

Value

An object of class cohortData.

Examples

```
#todo
```

| | |
|-----------------|---|
| loadSccsEraData | <i>Load the SCCS era data from a folder</i> |
|-----------------|---|

Description

loadSccsEraData loads an object of type sccsEraData from a folder in the file system.

Usage

```
loadSccsEraData(folder, readOnly = FALSE)
```

Arguments

| | |
|----------|---|
| readOnly | If true, the data is opened read only. |
| file | The name of the folder containing the data. |

Details

The data will be written to a set of files in the folder specified by the user.

Value

An object of class cohortEraData.

Examples

```
#todo
```

| | |
|--------------|-------------------------------------|
| saveSccsData | <i>Save the SCCS data to folder</i> |
|--------------|-------------------------------------|

Description

sccsData saves an object of type sccsData to folder.

Usage

```
saveSccsData(sccsData, folder)
```

Arguments

| | |
|------------|---|
| folder | The name of the folder where the data will be written. The folder should not yet exist. |
| cohortData | An object of type sccsData as generated using getDbSccsData . |

Details

The data will be written to a set of files in the specified folder.

Examples

```
#todo
```

| | |
|-----------------|---|
| saveSccsEraData | <i>Save the SCCS era data to folder</i> |
|-----------------|---|

Description

saveSccsEraData saves an object of type sccsEraData to folder.

Usage

```
saveSccsEraData(sccsEraData, folder)
```

Arguments

| | |
|-------------|---|
| sccsEraData | An object of type sccsEraData as generated using createsccsEraData . |
| folder | The name of the folder where the data will be written. The folder should not yet exist. |

Details

The data will be written to a set of files in the specified folder.

Examples

#todo

`SelfControlledCaseSeries`

SelfControlledCaseSeries

Description

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