Package 'DrugsInPeds'

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Title Exploration of Drug Utilization in Children

Version 0.3.1

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Description
This study aims to measure the prevalence of drug use in children in several countries in Asia.

Depends R (>= 3.1),
DatabaseConnector (>= 1.2.1)

Imports SqlRender,
DBI,
OhdsiSharing,
ggplot2

Suggests testthat

License Apache License 2.0

LazyData true

RoxygenNote 5.0.1

R topics documented:

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createFiguresAndTables

Create figures and tables for the paper

Usage

```
createFiguresAndTables(connectionDetails, cdmDatabaseSchema,
  oracleTempSchema = cdmDatabaseSchema, cdmVersion, folder)
```

Arguments

connectionDetails
: An object of type connectionDetails as created using the [createConnectionDetails](#) function in the DatabaseConnector package.

cdmDatabaseSchema
: Schema name where your patient-level data in OMOP CDM format resides. Note that for SQL Server, this should include both the database and schema name, for example 'cdm_data.dbo'.

oracleTempSchema
: Should be used in Oracle to specify a schema where the user has write priviliges for storing temporary tables.

cdmVersion
: Version of the CDM. Can be "4" or "5"

folder
: (Optional) Name of local file to place results; make sure to use forward slashes (/)

Details

This function creates the figures and tables specified in the protocol, based on the data files generated using the [execute](#) function.

Note that this function requires access to a CDM database to query the vocabulary.

Value

Creates CSV and PNG files in the specified folder.

DrugsInPeds   *DrugsInPeds*

Description

DrugsInPeds

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execute   *Execute OHDSI Drug Utilization in Children*

Usage

```
execute(connectionDetails, cdmDatabaseSchema,
  oracleTempSchema = cdmDatabaseSchema, cdmVersion = 4,
  folder = "DrugsInPeds", file = "StudyResults.zip.enc")
```

Arguments

connectionDetails
> An object of type connectionDetails as created using the createConnectionDetails function in the DatabaseConnector package.

cdmDatabaseSchema
> Schema name where your patient-level data in OMOP CDM format resides. Note that for SQL Server, this should include both the database and schema name, for example 'cdm_data.dbo'.

oracleTempSchema
> Should be used in Oracle to specify a schema where the user has write priviliges for storing temporary tables.

cdmVersion
> Version of the CDM. Can be "4" or "5"

folder
> (Optional) Name of local file to place results; make sure to use forward slashes (/)

file
> Name of the file containing all study results.

Details

This function executes the OHDSI Drug Utilization in Children Study.

Value

Study results are placed in CSV format files in specified local folder. The CSV files are then compressed and encrypted into a single file called StudyResults.zip.enc.

Examples

```
## Not run:
connectionDetails <- createConnectionDetails(dbms = "postgresql",
                                             user = "joe",
                                             password = "secret",
                                             server = "myserver")

execute(connectionDetails,
        cdmDatabaseSchema = "cdm_data",
        cdmVersion = "4")


## End(Not run)
```

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