Package ‘RcmdrPlugin.sampling’

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Title Tools for sampling in Official Statistical Surveys

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Depends lpSolve, sampling, MASS

Imports Rcmdr

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Description This package includes tools for calculating sample sizes and selecting samples using various sampling designs. This package is an extension of RcmdrPlugin.EHESsampling which was developed as part of the EHES pilot project. The EHES Pilot project has received funding from the European Commission and DG Sanco. The views expressed here are those of the authors and they do not represent Commission's official position.

License GPL (>= 2)

LazyLoad yes

NeedsCompilation no

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RcmdrPlugin.sampling-package

Help with sampling

Description

This package provides a range of tools to assist with the sampling process for official statistical surveys. Tools include programs to calculate sample sizes, selecting a 2-stage sample, importing a SAS dataset. The package is based on the work completed as part of EHES under the package: RcmdrPlugin.EHESsampling. The EHES Pilot project has received funding from the European Commission and DG Sanco. The views expressed here are those of the authors and they do not represent Commission’s official position.

Details

Package: Rcmdrplugin.sampling
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Date: 2012-10-23
License: GPL
LazyLoad: yes

Author(s)

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NorwayExample

Secondary Sampling Unit Data Set

Description

An example data set from Norway containing individuals within postal codes in 1 municipality (Fylke)

Usage

NorwayExample

Format

A data set containing 1000 individuals in Oslo, Norway. Each person has a gender/age indicator and are allocated to a postal code region.
NorwayExample_PSU

Source
www.ssb.no

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NorwayExample_PSU  Primary Sampling Unit Data Set

Description
An example data set from Norway containing population sizes in postal codes

Usage
NorwayExample_PSU

Format
A data set containing 944 postal code units for Norway. Each unit is allocated to a municipality (Fylke) and has a population size indicator with gender/age demographic break-down.

Source
www.ssb.no

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NorwayExample_Strata  Stratification Data Set

Description
An example data set from Norway containing municipality (Fylke) information including population size, cost of surveying, age variance, and examples of sampling allocation.

Usage
PSU.df

Format
A data set containing 19 municipalities for Norway and 11 variables.

Source
www.ssb.no
RcmdrPlugin.sampling | Extra functions to assist with sampling for official Surveys

**Description**

This provides tools to assist with official statistical Surveys, including calculating sample sizes and sampling with a 2-stage design.

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**References**

see the EHES manual published on the EHES website: http://www.ehes.info
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