Package ‘drhur’

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Type Package
Title Learning R with Dr. Hu
Version 1.0.0
Maintainer Yue Hu <yuehu@tsinghua.edu.cn>
Description Tutorials of R learning easily and happily.
License MIT + file LICENSE
VignetteBuilder knitr
Encoding UTF-8

BugReports https://github.com/sammo3182/drhur/issues
LazyData true
Depends R(>= 3.6.0), learnr(>= 0.10.1)
RoxygenNote 7.2.1
Suggests rmarkdown, scales, modelsummary, likert, knitr, tidyverse, kableExtra
NeedsCompilation no
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Repository CRAN
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R topics documented:

  drhur .................................................................  2
  wvs7 .................................................................  2

Index 4
Calling for an Exercise in Dr Hu’s R Workshop

Description

The function calls a run_tutorial function to open a learnr project. The project list is continually updated along with the R workshop with Dr. Hu.

Usage

```
drhur(workshop, language = "cn")
```

Arguments

- **workshop**: A character vector indicating the name of the workshop to open. See details for the workshop list.
- **language**: A character vector indicating the display language. The current version includes workshops in English (en) and simple Chinese (cn). The default is Chinese.

Details

The list of workshop available for the current version:

- **calculate**: Basic syntax of R (Chinese).
- **play**: Basic data structure in R; inputting, outputting, and creating data.
- **wrangle**: Generalizing (such as sorting and summarizing) and extracting (selecting or adjusting certain columns or rows) data frames (English and Chinese).
- **describe**: Skills to describe variable and data.

A Random Sample of World Value Survey (Wave 7).

Description

A dataset randomly sampled from the 7th wave of World Value Survey released in 2022.

Usage

```
wvs7
```
Format

A data frame with 1330 rows and 24 variables:

country  The country the interview was made.
female  Respondent’s sex is female.
age  Respondent’s age.
education  The highest education that the respondent had attained.
religious  Independently of whether the respondent attend religious services or not, did the respondent identify him/herself as a religious person, not a religious person, or an atheist?
marital  Marital status of the respondent.
incomeLevel  The income group the respondent believes his/her household belonged.
equalIncentive  Respondent’s view between "Incomes should be made more equal" and "There should be greater incentives for individual effort".
equalFreedom  Most people consider both freedom and equality to be important, but if one had to choose between them, which one would the respondent consider more important?
corruption_state  How many state authorities did the respondent believe were involved in corruption.
corruption_local  How many local authorities did the respondent believe were involved in corruption.
corruption_civil  How many civil service providers did the respondent believe were involved in corruption.
trust_family  Respondent’s trust of his/her family.
trust_neighbor  Respondent’s trust of his/her neighborhood.
trust_stranger  Respondent’s trust of people s/he meet for the first time.
trust_foreigner  Respondent’s trust of people of another nationality.
confidence_armedForce  Respondent’s confidence in the armed forces.
confidence_policy  Respondent’s confidence in the armed forces.
confidence_court  Respondent’s confidence in the courts.
confidence_gov  Respondent’s confidence in the government.
confidence_parliament  Respondent’s confidence in the parliament.
confidence_civil  Respondent’s confidence in the civil service.
confidence_parties  Respondent’s confidence in the political parties.
confidence_tv  Respondent’s confidence in the television.

Source

https://www.worldvaluessurvey.org/WVSDocumentationWV7.jsp

References

Index

* datasets
  wvs7, 2

drhur, 2

run_tutorial, 2

wvs7, 2