

Package ‘hildareadR’

July 22, 2025

Type Package
Title Extract Variables from HILDA
Version 0.2.0
Imports haven(>= 2.1.1), dplyr(>= 0.8.3)
Description Makes it easy to extract and combine variables from the HILDA (Household, Income and Labour Dynamics in Australia) survey maintained by the Melbourne Institute <<https://melbourneinstitute.unimelb.edu.au/hilda>>.
License GPL-2
Encoding UTF-8
LazyData true
RoxygenNote 7.1.1
NeedsCompilation no
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Repository CRAN
Date/Publication 2020-12-04 10:40:02 UTC

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| hildareadR | <i>hildareadR: A package to extract domain variables from the HILDA dataset</i> |
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Description

This package provides an easy way to extract and combine variables from multiple HILDA waves (a wave refers to each separate survey in a series of related surveys), using the `read_hilda` function.

Details

HILDA is collected and maintained by the Melbourne Institute and distributed via dataverse. To apply for access to the HILDA data, visit the Australian Data Archive (<https://dataverse.ada.edu.au/>). More information about the HILDA survey dataset can be found at (<https://melbourneinstitute.unimelb.edu.au/hilda>)

Author(s)

Sara Kalucza & Sebastian Kalucza

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| read_hilda | <i>Read and Combine HILDA waves</i> |
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Description

Extracts and combines variables from selected HILDA waves

Usage

```
read_hilda(domain, waves = NULL, dir = NULL, filenames = NULL, release = 18)
```

Arguments

| | |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| domain | The domain you want to extract. Domain refers to the variable prefixes (of any length), excluding any wave indicators. For several domains separate by c("x", "y"). |
| waves | The wave(s) you want the domain variables to come from. Can be left empty if using custom file names. |
| dir | Directory where the STATA files are located. Default is the current working directory. |
| filenames | Vector of .dta files to be read. Default is names used by the Australian Data Archive. |
| release | Release number of the wave to be read. Defaults to 18. (newest wave) |

Details

The `read_hilda` function reads, extracts and combines variables from individual waves (a wave refers to each separate survey in a series of related surveys) of the panel dataset 'The Household, Income and Labour Dynamics in Australia' (HILDA), into an R `data.frame`. If you are using many waves `read_hilda` can take a while to run, go grab a cup of coffee! Don't forget to save the resulting `data.frame` so you don't have to do it again.

The identifier `xwaveid` is included by default. An indicator wave is created, keeping track of from which wave a variable originates (denoted by wave prefixes `a:q` for waves 1:17). The function reads from the HILDA `.dta` (STATA) files.

Value

A `data.frame` with the chosen domain variables, `xwaveid` and wave indicator.

Author(s)

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Examples

```
path <- system.file("extdata", package = "hildareadR")
# Reads variable hibiff and hgage from waves 1 to 3 in directory fdir and from release 17
read_hilda(c("hibiff", "hgage"), waves = 1:3, dir = path, release = 17)
# Reads variable aiopeye from custom files in directory fdir and from release 17
read_hilda("aiopeye", dir = path, filenames = c("custom1.dta", "custom2.dta"), release = 17)
```

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