

Package ‘youthvars’

April 8, 2021

Title Youth Mental Health Variables Modelling Toolkit

Version 0.0.0.9017

Description Classes that describe the structural properties of variables commonly present in youth mental health datasets and some (where freely available) related scoring algorithms. The main motivation for this package is to enable data integrity tools that ensure that methods are applied to the appropriate data structures. This development version of the youthvars package has been made available as part of the process of testing and documenting the package. The tools contained in this development release automate a number of tasks which MODIFY THE DIRECTORY STRUCTURE OF YOUR LOCAL MACHINE. Therefore you should only trial this software if you feel confident that you understand what it does and have created a sandpit area in which you can safely undertake testing. If you have any questions, please contact the authors (matthew.hamilton@orygen.org.au). The documentation for this package has been automatically generated by the ready4fun package and is therefore quite rudimentary. Human authored documentation will follow in 2021.

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URL <https://ready4-dev.github.io/youthvars/>,
<https://github.com/ready4-dev/youthvars>,
<https://ready4-dev.github.io/ready4/>

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.1

Imports dplyr,
Hmisc,
hutils,
knitr,
knitrBootstrap,
lifecycle,
magrittr,
methods,
mice,
purrr,

ready4show (\geq 0.0.0.9018),
 ready4use (\geq 0.0.0.9121),
 rlang,
 simstudy,
 stats,
 stringr,
 testthat,
 tibble,
 tidyselct,
 utils

VignetteBuilder knitr

Depends R (\geq 2.10)

Remotes ready4-dev/ready4show,
 ready4-dev/ready4use

R topics documented:

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youthvars-package

youthvars: Youth Mental Health Variables Modelling Toolkit

Description

Classes that describe the structural properties of variables commonly present in youth mental health datasets and some (where freely available) related scoring algorithms. The main motivation for this package is to enable data integrity tools that ensure that methods are applied to the appropriate data structures. This development version of the youthvars package has been made available as part of the process of testing and documenting the package. The tools contained in this development release automate a number of tasks which MODIFY THE DIRECTORY STRUCTURE OF YOUR LOCAL MACHINE. Therefore you should only trial this software if you feel confident that you understand what it does and have created a sandpit area in which you can safely undertake testing. If you have any questions, please contact the authors (matthew.hamilton@orygen.org.au). The documentation for this package has been automatically generated by the ready4fun package and is therefore quite rudimentary. Human authored documentation will follow in 2021.

Details

To learn more about youthvars, start with the vignettes: `browseVignettes(package = "youthvars")`

Author(s)

Maintainer: Matthew Hamilton <matthew.hamilton@orygen.org.au> ([ORCID](#))

Authors:

- Caroline Gao <caroline.gao@orygen.org.au> ([ORCID](#))

Other contributors:

- Orygen [copyright holder, funder]
- Headspace [funder]
- National Health and Medical Research Council [funder]

See Also

Useful links:

- <https://ready4-dev.github.io/youthvars/>
- <https://github.com/ready4-dev/youthvars>
- <https://ready4-dev.github.io/ready4/>

abbreviations_lup	<i>Common abbreviations lookup table</i>
-------------------	--

Description

A lookup table for abbreviations commonly used in object names in the youthvarspackage.

Usage

```
abbreviations_lup
```

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 394 rows and 3 columns.

Details

A tibble

short_name_chr Short name (a character vector)

long_name_chr Long name (a character vector)

plural_lgl Plural (a logical vector)

Source

<https://doi.org/10.7910/DVN/2Y9VF9>

add_ado16d_scores	<i>Add Assessment of Quality of Life Six Dimension (Adolescent version) scores</i>
-------------------	--

Description

`add_ado16d_scores()` is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add assessment of quality of life six dimension (adolescent version) scores. Function argument `unscored_aqol_tb` specifies the object to be updated. The function returns Transformed Assessment of Quality of Life (a tibble).

Usage

```
add_ado16d_scores(
  unscored_aqol_tb,
  prefix_1L_chr = "aqol6d_q",
  id_var_nm_1L_chr = "fkClientID",
  wtd_aqol_var_nm_1L_chr = "aqol6d_total_w"
)
```

Arguments

unscored_aqol_tb
 Unscored Assessment of Quality of Life (a tibble)
 prefix_1L_chr Prefix (a character vector of length one), Default: 'aqol6d_q'
 id_var_nm_1L_chr
 Identity variable name (a character vector of length one), Default: 'fkClientID'
 wtd_aqol_var_nm_1L_chr
 Weighted Assessment of Quality of Life variable name (a character vector of length one), Default: 'aqol6d_total_w'

Value

Transformed Assessment of Quality of Life (a tibble)

add_aqol6dU_to_aqol6d_items_tb

Add Assessment of Quality of Life Six Dimension Health Utility to Assessment of Quality of Life Six Dimension items

Description

add_aqol6dU_to_aqol6d_items_tb() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add assessment of quality of life six dimension health utility to assessment of quality of life six dimension items tibble. Function argument aqol6d_items_tb specifies the object to be updated. The function returns Assessment of Quality of Life Six Dimension items (a tibble).

Usage

```
add_aqol6dU_to_aqol6d_items_tb(
  aqol6d_items_tb,
  coefs_lup_tb = aqol6d_from_8d_coefs_lup_tb
)
```

Arguments

aqol6d_items_tb
 Assessment of Quality of Life Six Dimension items (a tibble)
 coefs_lup_tb Coefficients lookup table (a tibble), Default: aqol6d_from_8d_coefs_lup_tb

Value

Assessment of Quality of Life Six Dimension items (a tibble)

`add_aqol6dU_to_aqol6d_tbs_ls`

Add Assessment of Quality of Life Six Dimension Health Utility to Assessment of Quality of Life Six Dimension tibbles

Description

`add_aqol6dU_to_aqol6d_tbs_ls()` is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add assessment of quality of life six dimension health utility to assessment of quality of life six dimension tibbles list. Function argument `aqol6d_tbs_ls` specifies the object to be updated. The function returns Assessment of Quality of Life Six Dimension tibbles (a list).

Usage

```
add_aqol6dU_to_aqol6d_tbs_ls(  
  aqol6d_tbs_ls,  
  prefix_1L_chr = "aqol6d_q",  
  id_var_nm_1L_chr  
)
```

Arguments

`aqol6d_tbs_ls` Assessment of Quality of Life Six Dimension tibbles (a list)
`prefix_1L_chr` Prefix (a character vector of length one), Default: 'aqol6d_q'
`id_var_nm_1L_chr` Identity variable name (a character vector of length one)

Value

Assessment of Quality of Life Six Dimension tibbles (a list)

`add_aqol6d_adol_dim_scrgeqs`

Add Assessment of Quality of Life Six Dimension adolescent dimension scoring equations

Description

`add_aqol6d_adol_dim_scrgeqs()` is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add assessment of quality of life six dimension adolescent dimension scoring equations. Function argument `unscored_aqol_tb` specifies the object to be updated. The function returns Unscored Assessment of Quality of Life (a tibble).

Usage

```
add_aqol6d_adol_dim_scrgeqs(unscored_aqol_tb)
```

Arguments

unscored_aqol_tb
 Unscored Assessment of Quality of Life (a tibble)

Value

Unscored Assessment of Quality of Life (a tibble)

add_aqol6d_items_to_aqol6d_tbs_ls

Add Assessment of Quality of Life Six Dimension items to Assessment of Quality of Life Six Dimension tibbles

Description

add_aqol6d_items_to_aqol6d_tbs_ls() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add assessment of quality of life six dimension items to assessment of quality of life six dimension tibbles list. Function argument aqol6d_tbs_ls specifies the object to be updated. The function returns Updated Assessment of Quality of Life Six Dimension tibbles (a list).

Usage

```
add_aqol6d_items_to_aqol6d_tbs_ls(
  aqol6d_tbs_ls,
  aqol_items_props_tbs_ls,
  prefix_chr,
  aqol_tots_var_nms_chr,
  id_var_nm_1L_chr = "fkClientID",
  scaling_cnst_dbl = 5
)
```

Arguments

aqol6d_tbs_ls Assessment of Quality of Life Six Dimension tibbles (a list)
 aqol_items_props_tbs_ls
 Assessment of Quality of Life items props tibbles (a list)
 prefix_chr Prefix (a character vector)
 aqol_tots_var_nms_chr
 Assessment of Quality of Life totals variable names (a character vector)
 id_var_nm_1L_chr
 Identity variable name (a character vector of length one), Default: 'fkClientID'
 scaling_cnst_dbl
 Scaling cnst (a double vector), Default: 5

Value

Updated Assessment of Quality of Life Six Dimension tibbles (a list)

 add_dim_disv_to_aqol6d_items_tb

Add dimension disvalue to Assessment of Quality of Life Six Dimension items

Description

add_dim_disv_to_aqol6d_items_tb() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add dimension disvalue to assessment of quality of life six dimension items tibble. Function argument aqol6d_items_tb specifies the object to be updated. The function returns Assessment of Quality of Life Six Dimension items (a tibble).

Usage

```
add_dim_disv_to_aqol6d_items_tb(
  aqol6d_items_tb,
  domain_items_ls,
  domains_chr,
  dim_sclg_con_lup_tb = aqol6d_dim_sclg_con_lup_tb,
  itm_wrst_wghts_lup_tb = aqol6d_adult_itm_wrst_wghts_lup_tb
)
```

Arguments

aqol6d_items_tb	Assessment of Quality of Life Six Dimension items (a tibble)
domain_items_ls	Domain items (a list)
domains_chr	Domains (a character vector)
dim_sclg_con_lup_tb	Dimension sclg constant lookup table (a tibble), Default: aqol6d_dim_sclg_con_lup_tb
itm_wrst_wghts_lup_tb	Itm wrst wghts lookup table (a tibble), Default: aqol6d_adult_itm_wrst_wghts_lup_tb

Value

Assessment of Quality of Life Six Dimension items (a tibble)

add_dim_scores_to_aqol6d_items_tb

Add dimension scores to Assessment of Quality of Life Six Dimension items

Description

add_dim_scores_to_aqol6d_items_tb() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add dimension scores to assessment of quality of life six dimension items tibble. Function argument aqol6d_items_tb specifies the object to be updated. The function returns Assessment of Quality of Life Six Dimension items (a tibble).

Usage

```
add_dim_scores_to_aqol6d_items_tb(aqol6d_items_tb, domain_items_ls)
```

Arguments

```
aqol6d_items_tb
  Assessment of Quality of Life Six Dimension items (a tibble)
domain_items_ls
  Domain items (a list)
```

Value

Assessment of Quality of Life Six Dimension items (a tibble)

```
add_itm_disv_to_aqol6d_itms_tb
```

Add itm disvalue to Assessment of Quality of Life Six Dimension itms

Description

add_itm_disv_to_aqol6d_itms_tb() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add itm disvalue to assessment of quality of life six dimension itms tibble. Function argument aqol6d_items_tb specifies the object to be updated. The function returns Assessment of Quality of Life Six Dimension items (a tibble).

Usage

```
add_itm_disv_to_aqol6d_itms_tb(
  aqol6d_items_tb,
  disvalues_lup_tb = NULL,
  pfx_1L_chr
)
```

Arguments

```
aqol6d_items_tb
  Assessment of Quality of Life Six Dimension items (a tibble)
disvalues_lup_tb
  Disvalues lookup table (a tibble), Default: NULL
pfx_1L_chr
  Prefix (a character vector of length one)
```

Value

Assessment of Quality of Life Six Dimension items (a tibble)

add_unwtd_dim_tots	<i>Add unwtd dimension totals</i>
--------------------	-----------------------------------

Description

add_unwtd_dim_tots() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add unwtd dimension totals. Function argument items_tb specifies the object to be updated. The function returns Items and domains (a tibble).

Usage

```
add_unwtd_dim_tots(items_tb, domain_items_ls, domain_pfx_1L_chr)
```

Arguments

items_tb	Items (a tibble)
domain_items_ls	Domain items (a list)
domain_pfx_1L_chr	Domain prefix (a character vector of length one)

Value

Items and domains (a tibble)

add_wtd_dim_tots	<i>Add weighted dimension totals</i>
------------------	--------------------------------------

Description

add_wtd_dim_tots() is an Add function that updates an object by adding data to that object. Specifically, this function implements an algorithm to add weighted dimension totals. Function argument unwtd_dim_tb specifies the object to be updated. The function returns Weighted and unwtd dimension (a tibble).

Usage

```
add_wtd_dim_tots(  
  unwtd_dim_tb,  
  domain_items_ls,  
  domain_unwtd_pfx_1L_chr,  
  domain_wtd_pfx_1L_chr  
)
```

Arguments

unwtd_dim_tb Unwtd dimension (a tibble)
 domain_items_ls Domain items (a list)
 domain_unwtd_pfx_1L_chr Domain unwtd prefix (a character vector of length one)
 domain_wtd_pfx_1L_chr Domain weighted prefix (a character vector of length one)

Value

Weighted and unwtd dimension (a tibble)

adol_dim_scalg_eqs_lup

AQoL6D (adolescent) item worst weightings equations lookup table

Description

Dimension scaling equations for adolescent version of AQoL6D scoring algorithm.

Usage

adol_dim_scalg_eqs_lup

Format

An object of class `data.frame` with 19 rows and 3 columns.

Details

A tibble

Dim_scal NO MATCH

Label NO MATCH

Equ NO MATCH

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_adult_disv_lup_tb

AQoL6D (adult version) item disvalues lookup table

Description

Disutility weights for individual AQoL6D (adult version) items.

Usage

aqol6d_adult_disv_lup_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 20 rows and 7 columns.

Details

A tibble

Question_chr Question (a character vector)

Answer_1_dbl Answer 1 (a double vector)

Answer_2_dbl Answer 2 (a double vector)

Answer_3_dbl Answer 3 (a double vector)

Answer_4_dbl Answer 4 (a double vector)

Answer_5_dbl Answer 5 (a double vector)

Answer_6_dbl Answer 6 (a double vector)

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_adult_itm_wrst_wghts_lup_tb

AQoL6D (adult) item worst weightings lookup table

Description

Worst weightings for individual items in AQoL6D (adult version).

Usage

aqol6d_adult_itm_wrst_wghts_lup_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 20 rows and 2 columns.

Details

A tibble

Question_chr Question (a character vector)

Worst_Weight_dbl Worst Weight (a double vector)

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_adult_vldn_pop_with_STATA_scores_tb

STATA comparison validation synthetic population

Description

Synthetic population following application of STATA adult scoring algorithm.

Usage

```
aqol6d_adult_vldn_pop_with_STATA_scores_tb
```

Format

An object of class `data.frame` with 1711 rows and 87 columns.

Details

A tibble

v1 NO MATCH

aqol1 NO MATCH

aqol2 NO MATCH

aqol3 NO MATCH

aqol4 NO MATCH

aqol5 NO MATCH

aqol6 NO MATCH

aqol7 NO MATCH

aqol8 NO MATCH

aqol9 NO MATCH

aqol10 NO MATCH

aqol11 NO MATCH

aqol12 NO MATCH

aqol13 NO MATCH

aqol14 NO MATCH

aqol15 NO MATCH

aqol16 NO MATCH
aqol17 NO MATCH
aqol18 NO MATCH
aqol19 NO MATCH
aqol20 NO MATCH
Q1 NO MATCH
Q2 NO MATCH
Q3 NO MATCH
Q4 NO MATCH
Q5 NO MATCH
Q6 NO MATCH
Q7 NO MATCH
Q8 NO MATCH
Q9 NO MATCH
Q10 NO MATCH
Q11 NO MATCH
Q12 NO MATCH
Q13 NO MATCH
Q14 NO MATCH
Q15 NO MATCH
Q16 NO MATCH
Q17 NO MATCH
Q18 NO MATCH
Q19 NO MATCH
Q20 NO MATCH
DILmiss NO MATCH
DILmissno NO MATCH
DRLmiss NO MATCH
DRLmissno NO MATCH
DMHmiss NO MATCH
DMHmissno NO MATCH
DCOPmiss NO MATCH
DCOPmissno NO MATCH
DPmiss NO MATCH
DPmissno NO MATCH
DSEnmiss NO MATCH
DSEnmissno NO MATCH
dvQ1 NO MATCH
dvQ2 NO MATCH
dvQ3 NO MATCH

dvQ4 NO MATCH
dvQ5 NO MATCH
dvQ6 NO MATCH
dvQ7 NO MATCH
dvQ8 NO MATCH
dvQ9 NO MATCH
dvQ10 NO MATCH
dvQ11 NO MATCH
dvQ12 NO MATCH
dvQ13 NO MATCH
dvQ14 NO MATCH
dvQ15 NO MATCH
dvQ16 NO MATCH
dvQ17 NO MATCH
dvQ18 NO MATCH
dvQ19 NO MATCH
dvQ20 NO MATCH
dvD1 NO MATCH
dvD2 NO MATCH
dvD3 NO MATCH
dvD4 NO MATCH
dvD5 NO MATCH
dvD6 NO MATCH
vD1 NO MATCH
vD2 NO MATCH
vD3 NO MATCH
vD4 NO MATCH
vD5 NO MATCH
vD6 NO MATCH
uaqol6Dusing8D NO MATCH
uaqol6Dusing8Da NO MATCH

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_dim_sclg_con_lup_tb

AQoL6D dimension scaling constants lookup table

Description

Scaling constants for each dimension of AQoL6D.

Usage

aqol6d_dim_sclg_con_lup_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 6 rows and 2 columns.

Details

A tibble

Dimension_chr Dimension (a character vector)

Constant_dbl Constant (a double vector)

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_domain_qs_lup_tb

AQoL6D dimension questions lookup table

Description

Breakdown of which questions relate to which dimension of the AQoL6D.

Usage

aqol6d_domain_qs_lup_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 20 rows and 2 columns.

Details

A tibble

Question_dbl Question (a double vector)

Domain_chr Domain (a character vector)

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol6d_from_8d_coefs_lup_tb

Model 2A Coefficients To Weight AQoL6D

Description

Coefficients for model to predict AQoL-6D utility score from AQoL-8D. The optimal model is Model 2A (see Richardson et al (2011, 18-19)*/

Usage

aqol6d_from_8d_coefs_lup_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 7 rows and 2 columns.

Details

A tibble

var_name_chr Variable name (a character vector)

coef_dbl Coefficient (a double vector)

Source

<https://www.aqol.com.au/index.php/scoring-algorithms>

aqol_scrg_dict_r3

Data dictionary for AQoL scoring

Description

A data dictionary of the variables used in scoring AQoL 6D utility questionnaire responses.

Usage

aqol_scrg_dict_r3

Format

An object of class `ready4_dictionary` (inherits from `tbl_df`, `tbl`, `data.frame`) with 59 rows and 4 columns.

Details

A tibble

var_nm_chr Variable name (a character vector)

var_cat_chr Variable cat (a character vector)

var_desc_chr Variable description (a character vector)

var_type_chr Variable type (a character vector)

 calculate_adol_aqol6dU

Calculate adolescent Assessment of Quality of Life Six Dimension Health Utility

Description

calculate_adol_aqol6dU() is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate adolescent assessment of quality of life six dimension health utility. The function returns Adolescent Assessment of Quality of Life Six Dimension (a double vector).

Usage

```
calculate_adol_aqol6dU(
  unscored_aqol_tb,
  prefix_1L_chr = "aqol6d_q",
  id_var_nm_1L_chr = "fkClientID",
  wtd_aqol_var_nm_1L_chr = "aqol6d_total_w"
)
```

Arguments

unscored_aqol_tb
Unscored Assessment of Quality of Life (a tibble)

prefix_1L_chr Prefix (a character vector of length one), Default: 'aqol6d_q'

id_var_nm_1L_chr
Identity variable name (a character vector of length one), Default: 'fkClientID'

wtd_aqol_var_nm_1L_chr
Weighted Assessment of Quality of Life variable name (a character vector of length one), Default: 'aqol6d_total_w'

Value

Adolescent Assessment of Quality of Life Six Dimension (a double vector)

calculate_adult_aqol6dU

Calculate adult Assessment of Quality of Life Six Dimension Health Utility

Description

calculate_adult_aqol6dU() is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate adult assessment of quality of life six dimension health utility. The function returns Assessment of Quality of Life Six Dimension Health Utility (a double vector).

Usage

```
calculate_adult_aqol6dU(
  aqol6d_items_tb,
  prefix_1L_chr,
  coefs_lup_tb = NULL,
  dim_sclg_con_lup_tb = NULL,
  disvalues_lup_tb = NULL,
  itm_wrst_wghts_lup_tb = aqol6d_adult_itm_wrst_wghts_lup_tb
)
```

Arguments

aqol6d_items_tb Assessment of Quality of Life Six Dimension items (a tibble)

prefix_1L_chr Prefix (a character vector of length one)

coefs_lup_tb Coefficients lookup table (a tibble), Default: NULL

dim_sclg_con_lup_tb Dimension sclg constant lookup table (a tibble), Default: NULL

disvalues_lup_tb Disvalues lookup table (a tibble), Default: NULL

itm_wrst_wghts_lup_tb Itm wrst wghts lookup table (a tibble), Default: aqol6d_adult_itm_wrst_wghts_lup_tb

Value

Assessment of Quality of Life Six Dimension Health Utility (a double vector)

calculate_aqol6d_dim_1_disv

Calculate Assessment of Quality of Life Six Dimension dimension 1 disvalue

Description

calculate_aqol6d_dim_1_disv() is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 1 disvalue. The function returns DvD1 (a double vector).

Usage

```
calculate_aqol6d_dim_1_disv(dvQs_tb, kD_1L_dbl, w_dbl)
```

Arguments

dvQs_tb DvQs (a tibble)

kD_1L_dbl KD (a double vector of length one)

w_dbl W (a double vector)

Value

DvD1 (a double vector)

`calculate_aqol6d_dim_2_disv`*Calculate Assessment of Quality of Life Six Dimension dimension 2 disvalue*

Description

`calculate_aqol6d_dim_2_disv()` is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 2 disvalue. The function returns DvD2 (a double vector).

Usage

```
calculate_aqol6d_dim_2_disv(dvQs_tb, kD_1L_db1, w_db1)
```

Arguments

<code>dvQs_tb</code>	DvQs (a tibble)
<code>kD_1L_db1</code>	KD (a double vector of length one)
<code>w_db1</code>	W (a double vector)

Value

DvD2 (a double vector)

`calculate_aqol6d_dim_3_disv`*Calculate Assessment of Quality of Life Six Dimension dimension 3 disvalue*

Description

`calculate_aqol6d_dim_3_disv()` is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 3 disvalue. The function returns DvD3 (a double vector).

Usage

```
calculate_aqol6d_dim_3_disv(dvQs_tb, kD_1L_db1, w_db1)
```

Arguments

<code>dvQs_tb</code>	DvQs (a tibble)
<code>kD_1L_db1</code>	KD (a double vector of length one)
<code>w_db1</code>	W (a double vector)

Value

DvD3 (a double vector)

`calculate_aqol6d_dim_4_disv`*Calculate Assessment of Quality of Life Six Dimension dimension 4 disvalue*

Description

`calculate_aqol6d_dim_4_disv()` is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 4 disvalue. The function returns DvD4 (a double vector).

Usage

```
calculate_aqol6d_dim_4_disv(dvQs_tb, kD_1L_db1, w_db1)
```

Arguments

<code>dvQs_tb</code>	DvQs (a tibble)
<code>kD_1L_db1</code>	KD (a double vector of length one)
<code>w_db1</code>	W (a double vector)

Value

DvD4 (a double vector)

`calculate_aqol6d_dim_5_disv`*Calculate Assessment of Quality of Life Six Dimension dimension 5 disvalue*

Description

`calculate_aqol6d_dim_5_disv()` is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 5 disvalue. The function returns DvD5 (a double vector).

Usage

```
calculate_aqol6d_dim_5_disv(dvQs_tb, kD_1L_db1, w_db1)
```

Arguments

<code>dvQs_tb</code>	DvQs (a tibble)
<code>kD_1L_db1</code>	KD (a double vector of length one)
<code>w_db1</code>	W (a double vector)

Value

DvD5 (a double vector)

 calculate_aqol6d_dim_6_disv

Calculate Assessment of Quality of Life Six Dimension dimension 6 disvalue

Description

calculate_aqol6d_dim_6_disv() is a Calculate function that performs a numeric calculation. Specifically, this function implements an algorithm to calculate assessment of quality of life six dimension dimension 6 disvalue. The function returns DvD6 (a double vector).

Usage

```
calculate_aqol6d_dim_6_disv(dvQs_tb, kD_1L_dbl, w_dbl)
```

Arguments

dvQs_tb	DvQs (a tibble)
kD_1L_dbl	KD (a double vector of length one)
w_dbl	W (a double vector)

Value

DvD6 (a double vector)

 fns_dmt_tb

youthvars function documentation table

Description

Meta-data on each youthvars function used to create package documentation

Usage

```
fns_dmt_tb
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 23 rows and 10 columns.

Details

A tibble

fns_chr Functions (a character vector)

title_chr Title (a character vector)

desc_chr Description (a character vector)

details_chr Details (a character vector)

inc_for_main_user_lgl Include for main user (a logical vector)

output_chr Output (a character vector)

example_lgl Example (a logical vector)

args_ls Arguments (a list)

file_nm_chr File name (a character vector)

file_pfx_chr File prefix (a character vector)

Source

<https://ready4-dev.github.io/youthvars/>

fn_type_lup_tb	<i>Function type lookup table</i>
----------------	-----------------------------------

Description

A lookup table to find descriptions for different types of functions used within the youthvars package suite.

Usage

```
fn_type_lup_tb
```

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 44 rows and 6 columns.

Details

A tibble

fn_type_nm_chr Function type name (a character vector)

fn_type_desc_chr Function type description (a character vector)

first_arg_desc_chr First argument description (a character vector)

second_arg_desc_chr Second argument description (a character vector)

is_generic_lgl Is generic (a logical vector)

is_method_lgl Is method (a logical vector)

Source

<https://doi.org/10.7910/DVN/2Y9VF9>

`impute_adult_aqol6d_items_tb`*Impute adult Assessment of Quality of Life Six Dimension items*

Description

`impute_adult_aqol6d_items_tb()` is an Impute function that imputes data. Specifically, this function implements an algorithm to impute adult assessment of quality of life six dimension items tibble. The function returns Assessment of Quality of Life Six Dimension items (a tibble).

Usage

```
impute_adult_aqol6d_items_tb(aqol6d_items_tb, domain_items_ls)
```

Arguments`aqol6d_items_tb`

Assessment of Quality of Life Six Dimension items (a tibble)

`domain_items_ls`

Domain items (a list)

Value

Assessment of Quality of Life Six Dimension items (a tibble)

`impute_unscrd_adol_aqol6d_ds`*Impute unscored adolescent Assessment of Quality of Life Six Dimension dataset*

Description

`impute_unscrd_adol_aqol6d_ds()` is an Impute function that imputes data. Specifically, this function implements an algorithm to impute unscored adolescent assessment of quality of life six dimension dataset. The function returns Imputed unscored Assessment of Quality of Life dataset tibble (a tibble).

Usage

```
impute_unscrd_adol_aqol6d_ds(unscrd_aqol_ds_tb)
```

Arguments`unscrd_aqol_ds_tb`

Unscored Assessment of Quality of Life dataset (a tibble)

Value

Imputed unscored Assessment of Quality of Life dataset tibble (a tibble)

is_youthvars_aqol6d_adol

Is youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Description

Check whether an object is a valid instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Usage

is_youthvars_aqol6d_adol(x)

Arguments

x An object of any type

Details

youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

is_youthvars_bads

Is youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Description

Check whether an object is a valid instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Usage

is_youthvars_bads(x)

Arguments

x An object of any type

Details

youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADSD) scores

is_youthvars_gad7	<i>Is youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores</i>
-------------------	--

Description

Check whether an object is a valid instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Usage

is_youthvars_gad7(x)

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

is_youthvars_k6	<i>Is youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores</i>
-----------------	---

Description

Check whether an object is a valid instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Usage

is_youthvars_k6(x)

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

is_youthvars_oasis	<i>Is youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores</i>
--------------------	---

Description

Check whether an object is a valid instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Usage

```
is_youthvars_oasis(x)
```

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

is_youthvars_phq9	<i>Is youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores</i>
-------------------	--

Description

Check whether an object is a valid instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Usage

```
is_youthvars_phq9(x)
```

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

is_youthvars_scared	<i>Is youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores</i>
---------------------	---

Description

Check whether an object is a valid instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Usage

is_youthvars_scared(x)

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

is_youthvars_sofas	<i>Is youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)</i>
--------------------	---

Description

Check whether an object is a valid instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Usage

is_youthvars_sofas(x)

Arguments

x	An object of any type
---	-----------------------

Details

youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Value

A logical value, TRUE if a valid instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

make_adol_aqol6d_disv_lup

Make adolescent Assessment of Quality of Life Six Dimension disvalue

Description

make_adol_aqol6d_disv_lup() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make adolescent assessment of quality of life six dimension disvalue lookup table. The function returns Adolescent Assessment of Quality of Life Six Dimension disvalue (a lookup table).

Usage

make_adol_aqol6d_disv_lup()

Value

Adolescent Assessment of Quality of Life Six Dimension disvalue (a lookup table)

make_new_youthvars_aqol6d_adol

Make new youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Description

Create a new unvalidated instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Usage

make_new_youthvars_aqol6d_adol(x)

Arguments

x A prototype for the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Details

youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Value

An unvalidated instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

`make_new_youthvars_bads`

Make new youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Description

Create a new unvalidated instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Usage

```
make_new_youthvars_bads(x)
```

Arguments

x A prototype for the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Details

youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Value

An unvalidated instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

`make_new_youthvars_gad7`

Make new youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Description

Create a new unvalidated instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Usage

```
make_new_youthvars_gad7(x)
```

Arguments

x A prototype for the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Details

youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Value

An unvalidated instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

make_new_youthvars_k6 *Make new youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores*

Description

Create a new unvalidated instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Usage

make_new_youthvars_k6(x)

Arguments

x A prototype for the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Details

youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Value

An unvalidated instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

make_new_youthvars_oasis
Make new youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Description

Create a new unvalidated instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Usage

make_new_youthvars_oasis(x)

Arguments

x A prototype for the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Details

youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Value

An unvalidated instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

make_new_youthvars_phq9

Make new youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Description

Create a new unvalidated instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Usage

make_new_youthvars_phq9(x)

Arguments

x A prototype for the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Details

youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Value

An unvalidated instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

make_new_youthvars_scared

Make new youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Description

Create a new unvalidated instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Usage

make_new_youthvars_scared(x)

Arguments

- x A prototype for the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Details

youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Value

An unvalidated instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

make_new_youthvars_sofas

Make new youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Description

Create a new unvalidated instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Usage

make_new_youthvars_sofas(x)

Arguments

- x A prototype for the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Details

youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Value

An unvalidated instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

make_pt_youthvars_aqol6d_adol

Make prototype youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Description

Create a new prototype for the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Usage

make_pt_youthvars_aqol6d_adol()

Details

youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Value

A prototype for youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

make_pt_youthvars_bads

Make prototype youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Description

Create a new prototype for the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Usage

make_pt_youthvars_bads()

Details

youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Value

A prototype for youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

make_pt_youthvars_gad7

Make prototype youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Description

Create a new prototype for the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Usage

make_pt_youthvars_gad7()

Details

youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Value

A prototype for youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

make_pt_youthvars_k6

Make prototype youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Description

Create a new prototype for the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Usage

make_pt_youthvars_k6()

Details

youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Value

A prototype for youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

`make_pt_youthvars_oasis`

Make prototype youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Description

Create a new prototype for the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Usage

```
make_pt_youthvars_oasis()
```

Details

youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Value

A prototype for youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

`make_pt_youthvars_phq9`

Make prototype youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Description

Create a new prototype for the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Usage

```
make_pt_youthvars_phq9()
```

Details

youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Value

A prototype for youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

make_pt_youthvars_scared

Make prototype youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Description

Create a new prototype for the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Usage

make_pt_youthvars_scared()

Details

youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Value

A prototype for youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

make_pt_youthvars_sofas

Make prototype youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Description

Create a new prototype for the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Usage

make_pt_youthvars_sofas()

Details

youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Value

A prototype for youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

 make_tfd_repln_ds_dict_r3

Make transformed replication dataset dictionary

Description

make_tfd_repln_ds_dict_r3() is a Make function that creates a new R object. Specifically, this function implements an algorithm to make transformed replication dataset dictionary ready4 s3. The function returns Transformed replication dataset dictionary (a ready4 S3).

Usage

```
make_tfd_repln_ds_dict_r3(repln_ds_dict_r3 = NULL)
```

Arguments

repln_ds_dict_r3

Replication dataset dictionary (a ready4 S3), Default: NULL

Value

Transformed replication dataset dictionary (a ready4 S3)

prototype_lup

Class prototype lookup table

Description

Metadata on classes used in readyforwhatsnext suite

Usage

```
prototype_lup
```

Format

An object of class ready4_class_pt_lup (inherits from ready4_class_pt_lup, tbl_df, tbl, data.frame) with 27 rows and 6 columns.

Details

A tibble

type_chr Type (a character vector)

val_chr Value (a character vector)

pt_ns_chr Prototype namespace (a character vector)

fn_to_call_chr Function to call (a character vector)

default_val_chr Default value (a character vector)

old_class_lgl Old class (a logical vector)

replication_popl_tb *Synthetic population replication dataset*

Description

A purely synthetic dataset, representative of the original study data, that can be used for replication runs of package algorithms.

Usage

replication_popl_tb

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1711 rows and 43 columns.

Details

A tibble

fkClientID Unique Client Identifier

round Round of Data Collection

d_interview_date Date of Data Collection

d_age Age

d_gender Gender

d_sex_birth_s Sex at Birth

d_sexual_ori_s Sexual Orientation

d_ATSI Aboriginal or Torres Strait Islander

d_country_bir_s Country Of Birth

d_english_home Speaks English At Home

d_english_native Native English Speaker

d_studying_working Education and Employment Status

d_relation_s Relationship Status

s_centre Service Centre Name

c_p_diag_s Primary Diagnosis

c_clinical_staging_s Clinical Stage

k6_total Kessler Psychological Distress Scale (6 Dimension)

phq9_total Patient Health Questionnaire

bads_total Behavioural Activation for Depression Scale

gad7_total Generalised Anxiety Disorder Scale

oasis_total Overall Anxiety Severity and Impairment Scale

scared_total Screen for Child Anxiety Related Disorders

c_sofas Social and Occupational Functioning Assessment Scale

aqol6d_q1 Assessment of Quality of Life (6 Dimension) Question 1

aqol6d_q2 Assessment of Quality of Life (6 Dimension) Question 2
aqol6d_q3 Assessment of Quality of Life (6 Dimension) Question 3
aqol6d_q4 Assessment of Quality of Life (6 Dimension) Question 4
aqol6d_q5 Assessment of Quality of Life (6 Dimension) Question 5
aqol6d_q6 Assessment of Quality of Life (6 Dimension) Question 6
aqol6d_q7 Assessment of Quality of Life (6 Dimension) Question 7
aqol6d_q8 Assessment of Quality of Life (6 Dimension) Question 8
aqol6d_q9 Assessment of Quality of Life (6 Dimension) Question 9
aqol6d_q10 Assessment of Quality of Life (6 Dimension) Question 10
aqol6d_q11 Assessment of Quality of Life (6 Dimension) Question 11
aqol6d_q12 Assessment of Quality of Life (6 Dimension) Question 12
aqol6d_q13 Assessment of Quality of Life (6 Dimension) Question 13
aqol6d_q14 Assessment of Quality of Life (6 Dimension) Question 14
aqol6d_q15 Assessment of Quality of Life (6 Dimension) Question 15
aqol6d_q16 Assessment of Quality of Life (6 Dimension) Question 16
aqol6d_q17 Assessment of Quality of Life (6 Dimension) Question 17
aqol6d_q18 Assessment of Quality of Life (6 Dimension) Question 18
aqol6d_q19 Assessment of Quality of Life (6 Dimension) Question 19
aqol6d_q20 Assessment of Quality of Life (6 Dimension) Question 20

 repln_ds_dict_r3

Data dictionary for study population dataset

Description

A data dictionary of the variables used in the source and replication (synthetic) datasets for the First Bounce transfer to utility study

Usage

repln_ds_dict_r3

Format

An object of class `ready4_dictionary` (inherits from `tbl_df`, `tbl`, `data.frame`) with 47 rows and 4 columns.

Details

A tibble

var_nm_chr Variable name (a character vector)

var_cat_chr Variable cat (a character vector)

var_desc_chr Variable description (a character vector)

var_type_chr Variable type (a character vector)

```
transform_raw_ds_for_analysis
```

Transform raw dataset for analysis

Description

transform_raw_ds_for_analysis() is a Transform function that edits an object in such a way that core object attributes - e.g. shape, dimensions, elements, type - are altered. Specifically, this function implements an algorithm to transform raw dataset for analysis. Function argument raw_ds_tb specifies the object to be updated. The function returns Transformed dataset (a tibble).

Usage

```
transform_raw_ds_for_analysis(raw_ds_tb)
```

Arguments

raw_ds_tb Raw dataset (a tibble)

Value

Transformed dataset (a tibble)

```
validate_youthvars_aqol6d_adol
```

Validate youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Description

Validate an instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Usage

```
validate_youthvars_aqol6d_adol(x)
```

Arguments

x An unvalidated instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Details

youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Value

A prototpe for youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

`validate_youthvars_bads`

Validate youthvars S3 class for Behavioural Activation for Depression Scale (BADS) scores

Description

Validate an instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADS) scores

Usage

```
validate_youthvars_bads(x)
```

Arguments

x An unvalidated instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADS) scores

Details

youthvars S3 class for Behavioural Activation for Depression Scale (BADS) scores

Value

A prototype for youthvars S3 class for Behavioural Activation for Depression Scale (BADS) scores

`validate_youthvars_gad7`

Validate youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Description

Validate an instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Usage

```
validate_youthvars_gad7(x)
```

Arguments

x An unvalidated instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Details

youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Value

A prototype for youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

validate_youthvars_k6 *Validate youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores*

Description

Validate an instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Usage

validate_youthvars_k6(x)

Arguments

x An unvalidated instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Details

youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Value

A prototype for youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

validate_youthvars_oasis *Validate youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores*

Description

Validate an instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Usage

validate_youthvars_oasis(x)

Arguments

x An unvalidated instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Details

youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Value

A prototype for youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

validate_youthvars_phq9

Validate youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Description

Validate an instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Usage

validate_youthvars_phq9(x)

Arguments

x An unvalidated instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Details

youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Value

A prototype for youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

validate_youthvars_scared

Validate youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Description

Validate an instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Usage

validate_youthvars_scared(x)

Arguments

- x An unvalidated instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Details

youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Value

A prototpe for youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

validate_youthvars_sofas

Validate youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Description

Validate an instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Usage

validate_youthvars_sofas(x)

Arguments

- x An unvalidated instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Details

youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Value

A prototpe for youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

youthvars_aqol6d_adol *youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)*

Description

Create a new valid instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Usage

```
youthvars_aqol6d_adol(x = make_pt_youthvars_aqol6d_adol())
```

Arguments

x A prototype for the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent), Default: make_pt_youthvars_aqol6d_adol()

Details

youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

Value

A validated instance of the youthvars S3 class for Assessment of Quality of Life Six Dimension Health Utility - Adolescent Version (AQoL6d Adolescent)

youthvars_bads *youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores*

Description

Create a new valid instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Usage

```
youthvars_bads(x = make_pt_youthvars_bads())
```

Arguments

x A prototype for the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores, Default: make_pt_youthvars_bads()

Details

youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

Value

A validated instance of the youthvars S3 class for Behavioural Activation for Depression Scale (BADs) scores

youthvars_gad7	<i>youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores</i>
----------------	---

Description

Create a new valid instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Usage

```
youthvars_gad7(x = make_pt_youthvars_gad7())
```

Arguments

x	A prototype for the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores, Default: make_pt_youthvars_gad7()
---	---

Details

youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

Value

A validated instance of the youthvars S3 class for Generalised Anxiety Disorder Scale (GAD-7) scores

youthvars_k6	<i>youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores</i>
--------------	--

Description

Create a new valid instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Usage

```
youthvars_k6(x = make_pt_youthvars_k6())
```

Arguments

x	A prototype for the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores, Default: make_pt_youthvars_k6()
---	--

Details

youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

Value

A validated instance of the youthvars S3 class for Kessler Psychological Distress Scale (K6) - US Scoring System scores

youthvars_oasis	<i>youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores</i>
-----------------	--

Description

Create a new valid instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Usage

```
youthvars_oasis(x = make_pt_youthvars_oasis())
```

Arguments

x A prototype for the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores, Default: `make_pt_youthvars_oasis()`

Details

youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

Value

A validated instance of the youthvars S3 class for Overall Anxiety Severity and Impairment Scale (OASIS) scores

youthvars_phq9	<i>youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores</i>
----------------	---

Description

Create a new valid instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Usage

```
youthvars_phq9(x = make_pt_youthvars_phq9())
```

Arguments

x A prototype for the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores, Default: `make_pt_youthvars_phq9()`

Details

youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

Value

A validated instance of the youthvars S3 class for Patient Health Questionnaire (PHQ-9) scores

youthvars_scared	<i>youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores</i>
------------------	--

Description

Create a new valid instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Usage

```
youthvars_scared(x = make_pt_youthvars_scared())
```

Arguments

x	A prototype for the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores, Default: <code>make_pt_youthvars_scared()</code>
---	---

Details

youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

Value

A validated instance of the youthvars S3 class for Screen for Child Anxiety Related Disorders (SCARED) scores

youthvars_sofas	<i>youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)</i>
-----------------	--

Description

Create a new valid instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Usage

```
youthvars_sofas(x = make_pt_youthvars_sofas())
```

Arguments

x	A prototype for the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS), Default: <code>make_pt_youthvars_sofas()</code>
---	--

Details

youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

Value

A validated instance of the youthvars S3 class for Social and Occupational Functioning Assessment Scale (SOFAS)

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