

# Package ‘codeCollection’

January 11, 2023

**Type** Package

**Title** Collection of Codes with Labels

**Version** 0.1.3

**Description** Includes several classifications such as International Statistical Classification of Diseases and Related Health Problems 10th Revision (ICD10), Anatomical Therapeutic Chemical (ATC) Classification, The International Classification of Diseases for Oncology (ICD-O-3), and International Classification of Primary Care (ICPC). Includes function that adds descriptive label to code value. Depending on classification following languages are available: English, Finnish, Swedish, and Latin.

**Depends** R (>= 3.5)

**Imports** Epi

**License** GPL-2

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.2.1

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

ATCKoodit . . . . .	2
ATCKooditV2022 . . . . .	2
comb.levels . . . . .	3
ICD10Koodit . . . . .	3
ICDO3Koodit . . . . .	4
ICDO3Koodit1 . . . . .	4
ICPCKoodit . . . . .	5
mkcodelabel . . . . .	5

SPATKoodit . . . . .	6
TPKoodit . . . . .	6
tpksaKoodit . . . . .	7

<b>Index</b>	<b>8</b>
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ATCKoodit	<i>ATC codes</i>
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### Description

A data set containing ATC codes ”@note Only in English

### Usage

ATCKoodit

### Format

A data frame:

**Koodi** Code value  
**en** Label inEnglish  
**fi** Label in English

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ATCKooditV2022	<i>ATC codes, V2022</i>
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### Description

A data set containing ATC codes, updated 2022 ”@note Only in English

### Usage

ATCKooditV2022

### Format

A data frame:

**Koodi** Code value  
**en** Label inEnglish  
**fi** Label in English

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comb.levels	<i>Groups rare levels of factor</i>
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**Description**

Groups rare levels of factor

**Usage**

```
comb.levels(x, N.max = 10, lang = "fi")
```

**Arguments**

x	factor or other categorical variable
N.max	maximum number of levels
lang	language ("fi" or "en")

**Value**

factor containing code value and text

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ICD10Koodit	<i>Codebook for ICD10 codes</i>
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**Description**

A data set containing ICD10 codes (without dots) and labels (<https://koodistopalvelu.kanta.fi/codeserver/pages/classification-list-page.xhtml>).

**Usage**

```
ICD10Koodit
```

**Format**

A data frame:

<b>Koodi</b>	Code value
<b>fi</b>	Label in Finnish
<b>la</b>	Label in Latin
<b>en</b>	Name in English
<b>sv</b>	Name in Swedish

**Examples**

```
# ICD10 codes starting with I67
ICD10Koodit[grepl("^I67",ICD10Koodit$Koodi),]
```

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ICD03Koodit

*ICD-O-3 codes*

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**Description**

A data set containing ICD-O-3 codes and labels

**Usage**

ICD03Koodit

**Format**

A data frame:

**Koodi** Code value

**fi** Label in English

**en** Label in English

**se** Label in English

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ICD03Koodit1

*ICD-O-3 codes (no dot in codes)*

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**Description**

A data set containing ICD-O-3 codes (no dot in codes) and labels

**Usage**

ICD03Koodit1

**Format**

A data frame:

**Koodi** Code value

**fi** Label in English

**en** Label in English

**se** Label in English

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ICPCKoodit	<i>ICPC codes</i>
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**Description**

A data set containing International Classification of Primary Care (ICPC) codes. If English code is missing uses Finnish, and vice versa (<https://koodistopalvelu.kanta.fi/codeserver/pages/classification-list-page.xhtml>).

**Usage**

ICPCKoodit

**Format**

A data frame:

**Koodi** Code value  
**en** Label inEnglish  
**fi** Label in English

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mkcodeLabel	<i>Add label text to code</i>
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**Description**

Add label text to code

**Usage**

```
mkcodeLabel(x, codebook, lang = "fi", as.factor.B = TRUE)
```

**Arguments**

x	code value (character)
codebook	data frame containing codes and text
lang	language used, possible values "fi", "en", and "sv"
as.factor.B	should value be converted to factor

**Value**

character vector of factor containing code value and text

**Author(s)**

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**Examples**

```
mkcodeLabel("CJB10",TPKoodit,"en",FALSE)
mkcodeLabel("CJB10",TPKoodit)
mkcodeLabel("I351",ICD10Koodit,"en",FALSE)
```

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SPATKoodit	<i>SPAT procedure codes for primary care</i>
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**Description**

SPAT procedure codes for primary care (<https://koodistopalvelu.kanta.fi/codeserver/pages/classification-list-page.xhtml>). ”@note Only in Finnish and Swedish

**Usage**

SPATKoodit

**Format**

A data frame:

**Koodi** Code value  
**en** Label in Finnish  
**fi** Label in Finnish  
**se** Label in Swedish

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TPKoodit	<i>Codebook for NOMESCO procedure codes</i>
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**Description**

A data set containing NOMESCO (<http://nowbase.org/publications/ncsp-classification-surgical-procedures>) procedure codes and labels (<https://koodistopalvelu.kanta.fi/codeserver/pages/classification-list-page.xhtml>).

**Usage**

TPKoodit

**Format**

A data frame:

**Koodi** Code value  
**fi** Label in Finnish  
**en** Name in English  
**sv** Name in Swedish

**Examples**

```
# Procedure codes starting with CHD
TPKoodit[grepl("^CHD2",TPKoodit$Koodi),]
```

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tpksaKoodit

*Statistics Finland causes of death time series codes*

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**Description**

Statistics Finland causes of death time series codes ([https://stat.fi/en/luokitukset/kuolinsyyt/kuolinsyyt\\_1\\_202101/](https://stat.fi/en/luokitukset/kuolinsyyt/kuolinsyyt_1_202101/)) ”@note Only in English

**Usage**

```
tpksaKoodit
```

**Format**

A data frame:

**Koodi** Code value

**en** Label in English

**fi** Label in Finnish

# Index

## \* datasets

- ATCKoodit, [2](#)
- ATCKooditV2022, [2](#)
- ICD10Koodit, [3](#)
- ICD03Koodit, [4](#)
- ICD03Koodit1, [4](#)
- ICPCKoodit, [5](#)
- SPATKoodit, [6](#)
- TPKoodit, [6](#)
- tpksaKoodit, [7](#)

ATCKoodit, [2](#)  
ATCKooditV2022, [2](#)

comb.levels, [3](#)

ICD10Koodit, [3](#)  
ICD03Koodit, [4](#)  
ICD03Koodit1, [4](#)  
ICPCKoodit, [5](#)

mkcodelabel, [5](#)

SPATKoodit, [6](#)

TPKoodit, [6](#)  
tpksaKoodit, [7](#)