

# Create DEMO table as csv file

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## Create turtle version of example files

This script creates the result and codelist for a simple DEMO table.

```
library(rrdfancillary)
library(rrdfcdisc)
library(rrdfqb)
library(rrdfqbcrnd0)
devtools::load_all(pkg="../..")
```

```
## Loading rrdfqbcrndex
```

All files are stored in the directory

```
targetDir<- system.file("extdata/sample-rdf", package="rrdfqbcrndex")
(targetDir)
```

```
## [1] "/home/ma/projects/rrdfqbcrnd0/rrdfqbcrndex/inst/extdata/sample-rdf"
```

## RDF data cubes specified in workbook

First, get the workbook.

```
RDFCubeWorkbook<- system.file("extdata/sample-cfg", "RDFCubeWorkbook.xlsx", package="rrdfqbcrndex")
(RDFCubeWorkbook)
```

```
## [1] "/home/ma/projects/rrdfqbcrnd0/rrdfqbcrndex/inst/extdata/sample-cfg/RDFCubeWorkbook.xlsx"
```

Create the DM sample cube.

```
dm.cube.fn<- BuildCubeFromWorkbook(RDFCubeWorkbook, "DM" )
```

```

## [1] "prefix code: <http://www.example.org/dc/code/>\nprefix cts: <http://rdf.cdisc.org/ct/schema#>\n"
##      DataStructureDefinition      dimension
## 1      ds:dsd-DM      crnd-dimension:factor
## 2      ds:dsd-DM      crnd-dimension:factor
## 3      ds:dsd-DM      crnd-dimension:factor
## 4      ds:dsd-DM      crnd-dimension:factor
## 5      ds:dsd-DM      crnd-dimension:factor
## 6      ds:dsd-DM      crnd-dimension:factor
## 7      ds:dsd-DM      crnd-dimension:procedure
## 8      ds:dsd-DM      crnd-dimension:procedure
## 9      ds:dsd-DM      crnd-dimension:procedure
## 10     ds:dsd-DM      crnd-dimension:procedure
## 11     ds:dsd-DM      crnd-dimension:procedure
## 12     ds:dsd-DM      crnd-dimension:procedure
## 13     ds:dsd-DM      crnd-dimension:procedure
## 14     ds:dsd-DM      crnd-dimension:race
## 15     ds:dsd-DM      crnd-dimension:race
## 16     ds:dsd-DM      crnd-dimension:race
## 17     ds:dsd-DM      crnd-dimension:race
## 18     ds:dsd-DM      crnd-dimension:race
## 19     ds:dsd-DM      crnd-dimension:race
## 20     ds:dsd-DM      crnd-dimension:race
## 21     ds:dsd-DM      crnd-dimension:saffl
## 22     ds:dsd-DM      crnd-dimension:saffl
## 23     ds:dsd-DM      crnd-dimension:saffl
## 24     ds:dsd-DM      crnd-dimension:sex
## 25     ds:dsd-DM      crnd-dimension:sex
## 26     ds:dsd-DM      crnd-dimension:sex
## 27     ds:dsd-DM      crnd-dimension:sex
## 28     ds:dsd-DM      crnd-dimension:sex
## 29     ds:dsd-DM      crnd-dimension:sex
## 30     ds:dsd-DM      crnd-dimension:trt01a
## 31     ds:dsd-DM      crnd-dimension:trt01a
## 32     ds:dsd-DM      crnd-dimension:trt01a
## 33     ds:dsd-DM      crnd-dimension:trt01a
## 34     ds:dsd-DM      crnd-dimension:trt01a
##      cprefLabel
## 1      Codelist scheme: factor
## 2      Codelist scheme: factor
## 3      Codelist scheme: factor
## 4      Codelist scheme: factor
## 5      Codelist scheme: factor
## 6      Codelist scheme: factor
## 7      Codelist scheme: procedure
## 8      Codelist scheme: procedure
## 9      Codelist scheme: procedure
## 10     Codelist scheme: procedure
## 11     Codelist scheme: procedure
## 12     Codelist scheme: procedure
## 13     Codelist scheme: procedure
## 14     Codelist scheme: race
## 15     Codelist scheme: race
## 16     Codelist scheme: race
## 17     Codelist scheme: race

```

```

## 18      Codelist scheme: race
## 19      Codelist scheme: race
## 20      Codelist scheme: race
## 21      Codelist scheme: saffl
## 22      Codelist scheme: saffl
## 23      Codelist scheme: saffl
## 24      Codelist scheme: sex
## 25      Codelist scheme: sex
## 26      Codelist scheme: sex
## 27      Codelist scheme: sex
## 28      Codelist scheme: sex
## 29      Codelist scheme: sex
## 30      Codelist scheme: trt01a
## 31      Codelist scheme: trt01a
## 32      Codelist scheme: trt01a
## 33      Codelist scheme: trt01a
## 34      Codelist scheme: trt01a
##
##                                     cl
## 1                                     code:factor-AGE
## 2                                     code:factor-WEIGHTBL
## 3                                     code:factor-_ALL_
## 4                                     code:factor-_NONMISS_
## 5                                     code:factor-proportion
## 6                                     code:factor-quantity
## 7                                     code:procedure-count
## 8                                     code:procedure-max
## 9                                     code:procedure-mean
## 10                                    code:procedure-median
## 11                                    code:procedure-min
## 12                                    code:procedure-percent
## 13                                    code:procedure-stdev
## 14      code:race-AMERICAN_INDIAN_OR_ALASKA_NATIVE
## 15                                    code:race-ASIAN
## 16      code:race-BLACK_OR_AFRICAN_AMERICAN
## 17 code:race-NATIVE_HAWAIIAN_OR_OTHER_PACIFIC_ISLANDER
## 18                                    code:race-WHITE
## 19                                    code:race-_ALL_
## 20                                    code:race-_NONMISS_
## 21                                    code:saffl-Y
## 22                                    code:saffl-_ALL_
## 23      code:saffl-_NONMISS_
## 24                                    code:sex-F
## 25                                    code:sex-M
## 26                                    code:sex-U
## 27                                    code:sex-UN
## 28                                    code:sex-_ALL_
## 29                                    code:sex-_NONMISS_
## 30      code:trt01a-Placebo
## 31      code:trt01a-Xanomeline_High_Dose
## 32      code:trt01a-Xanomeline_Low_Dose
## 33      code:trt01a-_ALL_
## 34      code:trt01a-_NONMISS_
##      clprefLabel      vn      vct
## 1      AGE      factor DATA

```

```

## 2          WEIGHTBL      factor DATA
## 3          _ALL_        factor DATA
## 4          _NONMISS_    factor DATA
## 5          proportion    factor DATA
## 6          quantity     factor DATA
## 7          count        procedure DATA
## 8          max          procedure DATA
## 9          mean         procedure DATA
## 10         median       procedure DATA
## 11         min          procedure DATA
## 12         percent      procedure DATA
## 13         stdev        procedure DATA
## 14         AMERICAN INDIAN OR ALASKA NATIVE      race SDTM
## 15         ASIAN          race SDTM
## 16         BLACK OR AFRICAN AMERICAN            race SDTM
## 17 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER    race SDTM
## 18         WHITE          race SDTM
## 19         _ALL_          race SDTM
## 20         _NONMISS_      race SDTM
## 21         Y              saffl DATA
## 22         _ALL_          saffl DATA
## 23         _NONMISS_      saffl DATA
## 24         F              sex SDTM
## 25         M              sex SDTM
## 26         U              sex SDTM
## 27         UN             sex SDTM
## 28         _ALL_          sex SDTM
## 29         _NONMISS_      sex SDTM
## 30         Placebo        trt01a DATA
## 31         Xanomeline High Dose      trt01a DATA
## 32         Xanomeline Low Dose       trt01a DATA
## 33         _ALL_          trt01a DATA
## 34         _NONMISS_      trt01a DATA
##          vnop                                vnval
## 1          ==                                AGE
## 2          ==                                WEIGHTBL
## 3          <NA>                                <NA>
## 4          <NA>                                <NA>
## 5          ==                                proportion
## 6          ==                                quantity
## 7          ==                                count
## 8          ==                                max
## 9          ==                                mean
## 10         ==                                median
## 11         ==                                min
## 12         ==                                percent
## 13         ==                                stdev
## 14 rrdfqbcrnd0:ADSL_RACE      AMERICAN INDIAN OR ALASKA NATIVE
## 15 rrdfqbcrnd0:ADSL_RACE      ASIAN
## 16 rrdfqbcrnd0:ADSL_RACE      BLACK OR AFRICAN AMERICAN
## 17 rrdfqbcrnd0:ADSL_RACE NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
## 18 rrdfqbcrnd0:ADSL_RACE      WHITE
## 19 rrdfqbcrnd0:ADSL_RACE      <NA>
## 20 rrdfqbcrnd0:ADSL_RACE      <NA>

```

```
## 21 rrdfqbcrnd0:ADSL_SAFFL Y
## 22 rrdfqbcrnd0:ADSL_SAFFL <NA>
## 23 rrdfqbcrnd0:ADSL_SAFFL <NA>
## 24 rrdfqbcrnd0:ADSL_SEX F
## 25 rrdfqbcrnd0:ADSL_SEX M
## 26 rrdfqbcrnd0:ADSL_SEX U
## 27 rrdfqbcrnd0:ADSL_SEX UN
## 28 rrdfqbcrnd0:ADSL_SEX <NA>
## 29 rrdfqbcrnd0:ADSL_SEX <NA>
## 30 rrdfqbcrnd0:ADSL_TRT01A Placebo
## 31 rrdfqbcrnd0:ADSL_TRT01A Xanomeline High Dose
## 32 rrdfqbcrnd0:ADSL_TRT01A Xanomeline Low Dose
## 33 rrdfqbcrnd0:ADSL_TRT01A <NA>
## 34 rrdfqbcrnd0:ADSL_TRT01A <NA>
## crnd-dimension:factor crnd-dimension:factor crnd-dimension:factor crnd-dimension:factor crnd-dimension:factor
```

```
cat("DM cube stored as ", dm.cube.fn, "\n")
```

```
## DM cube stored as /tmp/RtmpTRtZfa/DC-DM-R-V-0-5-2.ttl
```

```
targetFile<- file.path(targetDir,"DC-DM-sample.ttl")

if (file.copy( dm.cube.fn, targetFile, overwrite=TRUE)) {
  cat("DM cube copied to ", normalizePath(targetFile), "\n")
}
```

```
## DM cube copied to /home/ma/projects/rrdfqbcrnd0/rrdfqbcrndex/inst/extdata/sample-rdf/DC-DM-sample.ttl
```

Create the AE sample cube.

```
ae.cube.fn<- BuildCubeFromWorkbook(RDFCubeWorkbook, "AE" )
```

```
## [1] "prefix code: <http://www.example.org/dc/code/>\nprefix cts: <http://rdf.cdisc.org/ct/schema#>\n"
##      DataStructureDefinition      dimension
## 1      ds:dsd-AE      crnd-dimension:aeDecod
## 2      ds:dsd-AE      crnd-dimension:aeDecod
## 3      ds:dsd-AE      crnd-dimension:aeDecod
## 4      ds:dsd-AE      crnd-dimension:aeDecod
## 5      ds:dsd-AE      crnd-dimension:aeDecod
## 6      ds:dsd-AE      crnd-dimension:aeDecod
## 7      ds:dsd-AE      crnd-dimension:aeDecod
## 8      ds:dsd-AE      crnd-dimension:aeDecod
## 9      ds:dsd-AE      crnd-dimension:aeDecod
## 10     ds:dsd-AE      crnd-dimension:aeDecod
## 11     ds:dsd-AE      crnd-dimension:aeDecod
## 12     ds:dsd-AE      crnd-dimension:aeDecod
## 13     ds:dsd-AE      crnd-dimension:aeDecod
## 14     ds:dsd-AE      crnd-dimension:aeDecod
## 15     ds:dsd-AE      crnd-dimension:aeDecod
## 16     ds:dsd-AE      crnd-dimension:aeDecod
## 17     ds:dsd-AE      crnd-dimension:aeDecod
## 18     ds:dsd-AE      crnd-dimension:aeDecod
```

[illegible]

[illegible]

[illegible]



[illegible]

```

## 235      ds:dsd-AE      crnd-dimension:aedecod
## 236      ds:dsd-AE      crnd-dimension:aedecod
## 237      ds:dsd-AE      crnd-dimension:aedecod
## 238      ds:dsd-AE      crnd-dimension:aedecod
## 239      ds:dsd-AE      crnd-dimension:aedecod
## 240      ds:dsd-AE      crnd-dimension:aedecod
## 241      ds:dsd-AE      crnd-dimension:aedecod
## 242      ds:dsd-AE      crnd-dimension:aedecod
## 243      ds:dsd-AE      crnd-dimension:aedecod
## 244      ds:dsd-AE      crnd-dimension:aedecod
## 245      ds:dsd-AE      crnd-dimension:aesoc
## 246      ds:dsd-AE      crnd-dimension:aesoc
## 247      ds:dsd-AE      crnd-dimension:aesoc
## 248      ds:dsd-AE      crnd-dimension:aesoc
## 249      ds:dsd-AE      crnd-dimension:aesoc
## 250      ds:dsd-AE      crnd-dimension:aesoc
## 251      ds:dsd-AE      crnd-dimension:aesoc
## 252      ds:dsd-AE      crnd-dimension:aesoc
## 253      ds:dsd-AE      crnd-dimension:aesoc
## 254      ds:dsd-AE      crnd-dimension:aesoc
## 255      ds:dsd-AE      crnd-dimension:aesoc
## 256      ds:dsd-AE      crnd-dimension:aesoc
## 257      ds:dsd-AE      crnd-dimension:aesoc
## 258      ds:dsd-AE      crnd-dimension:aesoc
## 259      ds:dsd-AE      crnd-dimension:aesoc
## 260      ds:dsd-AE      crnd-dimension:aesoc
## 261      ds:dsd-AE      crnd-dimension:aesoc
## 262      ds:dsd-AE      crnd-dimension:aesoc
## 263      ds:dsd-AE      crnd-dimension:aesoc
## 264      ds:dsd-AE      crnd-dimension:aesoc
## 265      ds:dsd-AE      crnd-dimension:aesoc
## 266      ds:dsd-AE      crnd-dimension:aesoc
## 267      ds:dsd-AE      crnd-dimension:aesoc
## 268      ds:dsd-AE      crnd-dimension:aesoc
## 269      ds:dsd-AE      crnd-dimension:aesoc
## 270      ds:dsd-AE      crnd-dimension:factor
## 271      ds:dsd-AE      crnd-dimension:factor
## 272      ds:dsd-AE      crnd-dimension:factor
## 273      ds:dsd-AE      crnd-dimension:factor
## 274      ds:dsd-AE      crnd-dimension:procedure
## 275      ds:dsd-AE      crnd-dimension:procedure
## 276      ds:dsd-AE      crnd-dimension:saffl
## 277      ds:dsd-AE      crnd-dimension:saffl
## 278      ds:dsd-AE      crnd-dimension:saffl
## 279      ds:dsd-AE      crnd-dimension:trta
## 280      ds:dsd-AE      crnd-dimension:trta
## 281      ds:dsd-AE      crnd-dimension:trta
## 282      ds:dsd-AE      crnd-dimension:trta
## 283      ds:dsd-AE      crnd-dimension:trta
##          cprefLabel
## 1      Codelist scheme: aedecod
## 2      Codelist scheme: aedecod
## 3      Codelist scheme: aedecod
## 4      Codelist scheme: aedecod

```

```
## 5      Codelist scheme: aeecod
## 6      Codelist scheme: aeecod
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## 112   Codelist scheme: aeecod
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## 117 Codelist scheme: aeecod
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## 153 Codelist scheme: aeecod
## 154 Codelist scheme: aeecod
## 155 Codelist scheme: aeecod
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## 160 Codelist scheme: aeecod
## 161 Codelist scheme: aeecod
## 162 Codelist scheme: aeecod
## 163 Codelist scheme: aeecod
## 164 Codelist scheme: aeecod
## 165 Codelist scheme: aeecod
## 166 Codelist scheme: aeecod
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## 167 Codelist scheme: aeecod  
## 168 Codelist scheme: aeecod  
## 169 Codelist scheme: aeecod  
## 170 Codelist scheme: aeecod  
## 171 Codelist scheme: aeecod  
## 172 Codelist scheme: aeecod  
## 173 Codelist scheme: aeecod  
## 174 Codelist scheme: aeecod  
## 175 Codelist scheme: aeecod  
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## 177 Codelist scheme: aeecod  
## 178 Codelist scheme: aeecod  
## 179 Codelist scheme: aeecod  
## 180 Codelist scheme: aeecod  
## 181 Codelist scheme: aeecod  
## 182 Codelist scheme: aeecod  
## 183 Codelist scheme: aeecod  
## 184 Codelist scheme: aeecod  
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## 186 Codelist scheme: aeecod  
## 187 Codelist scheme: aeecod  
## 188 Codelist scheme: aeecod  
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## 190 Codelist scheme: aeecod  
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## 192 Codelist scheme: aeecod  
## 193 Codelist scheme: aeecod  
## 194 Codelist scheme: aeecod  
## 195 Codelist scheme: aeecod  
## 196 Codelist scheme: aeecod  
## 197 Codelist scheme: aeecod  
## 198 Codelist scheme: aeecod  
## 199 Codelist scheme: aeecod  
## 200 Codelist scheme: aeecod  
## 201 Codelist scheme: aeecod  
## 202 Codelist scheme: aeecod  
## 203 Codelist scheme: aeecod  
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## 205 Codelist scheme: aeecod  
## 206 Codelist scheme: aeecod  
## 207 Codelist scheme: aeecod  
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## 210 Codelist scheme: aeecod  
## 211 Codelist scheme: aeecod  
## 212 Codelist scheme: aeecod  
## 213 Codelist scheme: aeecod  
## 214 Codelist scheme: aeecod  
## 215 Codelist scheme: aeecod  
## 216 Codelist scheme: aeecod  
## 217 Codelist scheme: aeecod  
## 218 Codelist scheme: aeecod  
## 219 Codelist scheme: aeecod  
## 220 Codelist scheme: aeecod

```
## 221 Codelist scheme: aedecod
## 222 Codelist scheme: aedecod
## 223 Codelist scheme: aedecod
## 224 Codelist scheme: aedecod
## 225 Codelist scheme: aedecod
## 226 Codelist scheme: aedecod
## 227 Codelist scheme: aedecod
## 228 Codelist scheme: aedecod
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## 230 Codelist scheme: aedecod
## 231 Codelist scheme: aedecod
## 232 Codelist scheme: aedecod
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## 236 Codelist scheme: aedecod
## 237 Codelist scheme: aedecod
## 238 Codelist scheme: aedecod
## 239 Codelist scheme: aedecod
## 240 Codelist scheme: aedecod
## 241 Codelist scheme: aedecod
## 242 Codelist scheme: aedecod
## 243 Codelist scheme: aedecod
## 244 Codelist scheme: aedecod
## 245 Codelist scheme: aesoc
## 246 Codelist scheme: aesoc
## 247 Codelist scheme: aesoc
## 248 Codelist scheme: aesoc
## 249 Codelist scheme: aesoc
## 250 Codelist scheme: aesoc
## 251 Codelist scheme: aesoc
## 252 Codelist scheme: aesoc
## 253 Codelist scheme: aesoc
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## 255 Codelist scheme: aesoc
## 256 Codelist scheme: aesoc
## 257 Codelist scheme: aesoc
## 258 Codelist scheme: aesoc
## 259 Codelist scheme: aesoc
## 260 Codelist scheme: aesoc
## 261 Codelist scheme: aesoc
## 262 Codelist scheme: aesoc
## 263 Codelist scheme: aesoc
## 264 Codelist scheme: aesoc
## 265 Codelist scheme: aesoc
## 266 Codelist scheme: aesoc
## 267 Codelist scheme: aesoc
## 268 Codelist scheme: aesoc
## 269 Codelist scheme: aesoc
## 270 Codelist scheme: factor
## 271 Codelist scheme: factor
## 272 Codelist scheme: factor
## 273 Codelist scheme: factor
## 274 Codelist scheme: procedure
```

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## 275 Codelist scheme: procedure
## 276     Codelist scheme: saffl
## 277     Codelist scheme: saffl
## 278     Codelist scheme: saffl
## 279     Codelist scheme: trta
## 280     Codelist scheme: trta
## 281     Codelist scheme: trta
## 282     Codelist scheme: trta
## 283     Codelist scheme: trta
##
##                                     c1
## 1                                code:aedecod-ABDOMINAL_DISCOMFORT
## 2                                code:aedecod-ABDOMINAL_PAIN
## 3                                code:aedecod-ACROCHORDON_EXCISION
## 4                                code:aedecod-ACTINIC_KERATOSIS
## 5                                code:aedecod-AGITATION
## 6                                code:aedecod-ALCOHOL_USE
## 7                                code:aedecod-ALLERGIC_GRANULOMATOUS_ANGIITIS
## 8                                code:aedecod-ALOPECIA
## 9                                code:aedecod-AMNESIA
## 10                               code:aedecod-ANXIETY
## 11                               code:aedecod-APPLICATION_SITE_BLEEDING
## 12                               code:aedecod-APPLICATION_SITE_DERMATITIS
## 13                               code:aedecod-APPLICATION_SITE_DESQUMATION
## 14                               code:aedecod-APPLICATION_SITE_DISCHARGE
## 15                               code:aedecod-APPLICATION_SITE_DISCOLOURATION
## 16                               code:aedecod-APPLICATION_SITE_ERYTHEMA
## 17                               code:aedecod-APPLICATION_SITE_INDURATION
## 18                               code:aedecod-APPLICATION_SITE_IRRITATION
## 19                               code:aedecod-APPLICATION_SITE_PAIN
## 20                               code:aedecod-APPLICATION_SITE_PERSPIRATION
## 21                               code:aedecod-APPLICATION_SITE_PRURITUS
## 22                               code:aedecod-APPLICATION_SITE_REACTION
## 23                               code:aedecod-APPLICATION_SITE_SWELLING
## 24                               code:aedecod-APPLICATION_SITE_URTICARIA
## 25                               code:aedecod-APPLICATION_SITE_VESICLES
## 26                               code:aedecod-APPLICATION_SITE_WARMTH
## 27                               code:aedecod-ARTHRALGIA
## 28                               code:aedecod-ARTHRITIS
## 29                               code:aedecod-ASTHENIA
## 30                               code:aedecod-ATRIAL_FIBRILLATION
## 31                               code:aedecod-ATRIAL_FLUTTER
## 32                               code:aedecod-ATRIAL_HYPERTROPHY
## 33                               code:aedecod-ATRIOVENTRICULAR_BLOCK_FIRST_DEGREE
## 34                               code:aedecod-ATRIOVENTRICULAR_BLOCK_SECOND_DEGREE
## 35                               code:aedecod-BACK_PAIN
## 36                               code:aedecod-BALANCE_DISORDER
## 37                               code:aedecod-BENIGN_PROSTATIC_HYPERPLASIA
## 38                               code:aedecod-BIOPSY
## 39                               code:aedecod-BIOPSY_PROSTATE
## 40                               code:aedecod-BLISTER
## 41                               code:aedecod-BLOOD_ALKALINE_PHOSPHATASE_INCREASED
## 42                               code:aedecod-BLOOD_CHOLESTEROL_INCREASED
## 43                               code:aedecod-BLOOD_CREATINE_PHOSPHOKINASE_INCREASED
## 44                               code:aedecod-BLOOD_GLUCOSE_INCREASED

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## 45                                code:aedecod-BLOOD_URINE_PRESENT
## 46                                code:aedecod-BODY_TEMPERATURE_INCREASED
## 47                                code:aedecod-BRADYCARDIA
## 48                                code:aedecod-BRONCHITIS
## 49                                code:aedecod-BUNDLE_BRANCH_BLOCK_LEFT
## 50                                code:aedecod-BUNDLE_BRANCH_BLOCK_RIGHT
## 51                                code:aedecod-BURNING_SENSATION
## 52                                code:aedecod-CALCULUS_URETHRAL
## 53                                code:aedecod-CARDIAC_DISORDER
## 54                                code:aedecod-CARDIAC_FAILURE_CONGESTIVE
## 55                                code:aedecod-CATARACT_OPERATION
## 56                                code:aedecod-CELLULITIS
## 57                                code:aedecod-CERUMEN_IMPACTION
## 58                                code:aedecod-CERVICITIS
## 59                                code:aedecod-CHEST_DISCOMFORT
## 60                                code:aedecod-CHEST_PAIN
## 61                                code:aedecod-CHILLS
## 62                                code:aedecod-COGNITIVE_DISORDER
## 63                                code:aedecod-COLD_SWEAT
## 64                                code:aedecod-COLON_CANCER
## 65                                code:aedecod-COMPLETED_SUICIDE
## 66                                code:aedecod-COMPLEX_PARTIAL_SEIZURES
## 67                                code:aedecod-CONFUSIONAL_STATE
## 68                                code:aedecod-CONJUNCTIVAL_HAEMORRHAGE
## 69                                code:aedecod-CONJUNCTIVITIS
## 70                                code:aedecod-CONSTIPATION
## 71                                code:aedecod-CONTUSION
## 72                                code:aedecod-COORDINATION_ABNORMAL
## 73                                code:aedecod-COUGH
## 74                                code:aedecod-CYST
## 75                                code:aedecod-CYSTITIS
## 76                                code:aedecod-CYSTOSCOPY
## 77                                code:aedecod-DECREASED_APPETITE
## 78                                code:aedecod-DEHYDRATION
## 79                                code:aedecod-DELIRIUM
## 80                                code:aedecod-DELUSION
## 81                                code:aedecod-DEPRESSED_MOOD
## 82                                code:aedecod-DERMATITIS_ATOPIC
## 83                                code:aedecod-DERMATITIS_CONTACT
## 84                                code:aedecod-DIABETES_MELLITUS
## 85                                code:aedecod-DIARRHOEA
## 86                                code:aedecod-DISORIENTATION
## 87                                code:aedecod-DIZZINESS
## 88                                code:aedecod-DRUG_ERUPTION
## 89                                code:aedecod-DYSPEPSIA
## 90                                code:aedecod-DYSPHAGIA
## 91                                code:aedecod-DYSPHONIA
## 92                                code:aedecod-DYSPNOEA
## 93                                code:aedecod-DYSURIA
## 94                                code:aedecod-EAR_INFECTION
## 95                                code:aedecod-EAR_PAIN
## 96                                code:aedecod-ELECTROCARDIOGRAM_ST_SEGMENT_DEPRESSION
## 97                                code:aedecod-ELECTROCARDIOGRAM_T_WAVE_AMPLITUDE_DECREASED
## 98                                code:aedecod-ELECTROCARDIOGRAM_T_WAVE_INVERSION

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## 99 code: aedecod-EMPHYSEMA
## 100 code: aedecod-ENURESIS
## 101 code: aedecod-EPISTAXIS
## 102 code: aedecod-ERYTHEMA
## 103 code: aedecod-EXCORIATION
## 104 code: aedecod-EYE_ALLERGY
## 105 code: aedecod-EYE_LASER_SURGERY
## 106 code: aedecod-EYE_PRURITUS
## 107 code: aedecod-EYE_SWELLING
## 108 code: aedecod-FACIAL_BONES_FRACTURE
## 109 code: aedecod-FALL
## 110 code: aedecod-FATIGUE
## 111 code: aedecod-FEELING_ABNORMAL
## 112 code: aedecod-FEELING_COLD
## 113 code: aedecod-FLANK_PAIN
## 114 code: aedecod-FLATULENCE
## 115 code: aedecod-FOOD_CRAVING
## 116 code: aedecod-GASTROENTERITIS_VIRAL
## 117 code: aedecod-GASTROINTESTINAL_HAEMORRHAGE
## 118 code: aedecod-GASTROOESOPHAGEAL_REFLUX_DISEASE
## 119 code: aedecod-GLAUCOMA
## 120 code: aedecod-GLOSSITIS
## 121 code: aedecod-HAEMOPTYSIS
## 122 code: aedecod-HALLUCINATION
## 123 code: aedecod-HALLUCINATION_VISUAL
## 124 code: aedecod-HEADACHE
## 125 code: aedecod-HEART_RATE_INCREASED
## 126 code: aedecod-HEART_RATE_IRREGULAR
## 127 code: aedecod-HEMIANOPIA_HOMONYMOUS
## 128 code: aedecod-HIATUS_HERNIA
## 129 code: aedecod-HIP_FRACTURE
## 130 code: aedecod-HORDEOLUM
## 131 code: aedecod-HOT_FLUSH
## 132 code: aedecod-HYPERBILIRUBINAEMIA
## 133 code: aedecod-HYPERCHOLESTEROLAEMIA
## 134 code: aedecod-HYPERHIDROSIS
## 135 code: aedecod-HYPERSENSITIVITY
## 136 code: aedecod-HYPERSOMNIA
## 137 code: aedecod-HYPERTENSION
## 138 code: aedecod-HYPONATRAEMIA
## 139 code: aedecod-HYPOTENSION
## 140 code: aedecod-INCONTINENCE
## 141 code: aedecod-INCREASED_APPETITE
## 142 code: aedecod-INFLAMMATION
## 143 code: aedecod-INFLUENZA
## 144 code: aedecod-INSOMNIA
## 145 code: aedecod-IRRITABILITY
## 146 code: aedecod-JOINT_DISLOCATION
## 147 code: aedecod-LETHARGY
## 148 code: aedecod-LIBIDO_DECREASED
## 149 code: aedecod-LISTLESS
## 150 code: aedecod-LOCALISED_INFECTION
## 151 code: aedecod-LOWER_RESPIRATORY_TRACT_INFECTION
## 152 code: aedecod-MALAISE

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## 153 code:aedecod-MALIGNANT_FIBROUS_HISTIOCYTOMA
## 154 code:aedecod-MICTURITION_URGENCY
## 155 code:aedecod-MUSCLE_SPASMS
## 156 code:aedecod-MUSCULAR_WEAKNESS
## 157 code:aedecod-MYALGIA
## 158 code:aedecod-MYOCARDIAL_INFARCTION
## 159 code:aedecod-NASAL_CONGESTION
## 160 code:aedecod-NASAL_MUCOSA_BIOPSY
## 161 code:aedecod-NASOPHARYNGITIS
## 162 code:aedecod-NAUSEA
## 163 code:aedecod-NEPHROLITHIASIS
## 164 code:aedecod-NEUTROPHIL_COUNT_INCREASED
## 165 code:aedecod-NIGHTMARE
## 166 code:aedecod-OEDEMA
## 167 code:aedecod-OEDEMA_PERIPHERAL
## 168 code:aedecod-ONYCHOMYCOSIS
## 169 code:aedecod-ORTHOSTATIC_HYPOTENSION
## 170 code:aedecod-PAIN
## 171 code:aedecod-PAIN_IN_EXTREMITY
## 172 code:aedecod-PALPITATIONS
## 173 code:aedecod-PARAESTHESIA
## 174 code:aedecod-PARAESTHESIA_ORAL
## 175 code:aedecod-PARKINSON_S_DISEASE
## 176 code:aedecod-PAROSMIA
## 177 code:aedecod-PARTIAL_SEIZURES_WITH_SECONDARY_GENERALISATION
## 178 code:aedecod-PELVIC_PAIN
## 179 code:aedecod-PHARYNGEAL_ERYTHEMA
## 180 code:aedecod-PHARYNGOLARYNGEAL_PAIN
## 181 code:aedecod-PNEUMONIA
## 182 code:aedecod-POLLAKIURIA
## 183 code:aedecod-POSTNASAL_DRIP
## 184 code:aedecod-PRODUCTIVE_COUGH
## 185 code:aedecod-PROSTATE_CANCER
## 186 code:aedecod-PRURITUS
## 187 code:aedecod-PRURITUS_GENERALISED
## 188 code:aedecod-PSYCHOMOTOR_HYPERACTIVITY
## 189 code:aedecod-PYREXIA
## 190 code:aedecod-RALES
## 191 code:aedecod-RASH
## 192 code:aedecod-RASH_ERYTHEMATOUS
## 193 code:aedecod-RASH_MACULO-PAPULAR
## 194 code:aedecod-RASH_PAPULAR
## 195 code:aedecod-RASH_PRURITIC
## 196 code:aedecod-RECTAL_HAEMORRHAGE
## 197 code:aedecod-RESPIRATORY_TRACT_CONGESTION
## 198 code:aedecod-RESTLESSNESS
## 199 code:aedecod-RHINITIS
## 200 code:aedecod-RHINORRHOEA
## 201 code:aedecod-SALIVARY_HYPERSECRETION
## 202 code:aedecod-SEASONAL_ALLERGY
## 203 code:aedecod-SECRETION_DISCHARGE
## 204 code:aedecod-SHOULDER_PAIN
## 205 code:aedecod-SINUS_ARRHYTHMIA
## 206 code:aedecod-SINUS_BRADYCARDIA

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## 207 code:aedecod-SKIN_EXFOLIATION
## 208 code:aedecod-SKIN_IRRITATION
## 209 code:aedecod-SKIN_LACERATION
## 210 code:aedecod-SKIN_LESION_EXCISION
## 211 code:aedecod-SKIN_ODOUR_ABNORMAL
## 212 code:aedecod-SKIN_ULCER
## 213 code:aedecod-SOMNOLENCE
## 214 code:aedecod-STOMACH_DISCOMFORT
## 215 code:aedecod-STUPOR
## 216 code:aedecod-SUDDEN_DEATH
## 217 code:aedecod-SUPRAVENTRICULAR_EXTRASYSTOLES
## 218 code:aedecod-SUPRAVENTRICULAR_TACHYCARDIA
## 219 code:aedecod-SWELLING
## 220 code:aedecod-SYNCOPE
## 221 code:aedecod-SYNCOPE_VASOVAGAL
## 222 code:aedecod-TACHYCARDIA
## 223 code:aedecod-TINNITUS
## 224 code:aedecod-TRANSIENT_ISCHAEMIC_ATTACK
## 225 code:aedecod-ULCER
## 226 code:aedecod-UPPER_RESPIRATORY_TRACT_INFECTION
## 227 code:aedecod-URINARY_TRACT_INFECTION
## 228 code:aedecod-URINE_ANALYSIS_ABNORMAL
## 229 code:aedecod-URTICARIA
## 230 code:aedecod-VAGINAL_MYCOSIS
## 231 code:aedecod-VENTRICULAR_EXTRASYSTOLES
## 232 code:aedecod-VENTRICULAR_HYPERTROPHY
## 233 code:aedecod-VENTRICULAR_SEPTAL_DEFECT
## 234 code:aedecod-VERTIGO
## 235 code:aedecod-VIRAL_INFECTION
## 236 code:aedecod-VISION_BLURRED
## 237 code:aedecod-VOMITING
## 238 code:aedecod-WEIGHT_DECREASED
## 239 code:aedecod-WHITE_BLOOD_CELL_COUNT_INCREASED
## 240 code:aedecod-WOLFF-PARKINSON-WHITE_SYNDROME
## 241 code:aedecod-WOUND
## 242 code:aedecod-WOUND_HAEMORRHAGE
## 243 code:aedecod-_ALL_
## 244 code:aedecod-_NONMISS_
## 245 code:aesoc-CARDIAC_DISORDERS
## 246 code:aesoc-CONGENITAL_FAMILIAL_AND_GENETIC_DISORDERS
## 247 code:aesoc-EAR_AND_LABYRINTH_DISORDERS
## 248 code:aesoc-EYE_DISORDERS
## 249 code:aesoc-GASTROINTESTINAL_DISORDERS
## 250 code:aesoc-GENERAL_DISORDERS_AND_ADMINISTRATION_SITE_CONDITIONS
## 251 code:aesoc-HEPATOBIILIARY_DISORDERS
## 252 code:aesoc-IMMUNE_SYSTEM_DISORDERS
## 253 code:aesoc-INFECTIONS_AND_INFESTATIONS
## 254 code:aesoc-INJURY_POISONING_AND_PROCEDURAL_COMPLICATIONS
## 255 code:aesoc-INVESTIGATIONS
## 256 code:aesoc-METABOLISM_AND_NUTRITION_DISORDERS
## 257 code:aesoc-MUSCULOSKELETAL_AND_CONNECTIVE_TISSUE_DISORDERS
## 258 code:aesoc-NEOPLASMS_BENIGN_MALIGNANT_AND_UNSPECIFIED_INCL_CYSTS_AND_POLYPS_
## 259 code:aesoc-NERVOUS_SYSTEM_DISORDERS
## 260 code:aesoc-PSYCHIATRIC_DISORDERS

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## 261                                code:aesoc-RENAL_AND_URINARY_DISORDERS
## 262                        code:aesoc-REPRODUCTIVE_SYSTEM_AND_BREAST_DISORDERS
## 263                code:aesoc-RESPIRATORY__THORACIC_AND_MEDIASTINAL_DISORDERS
## 264                        code:aesoc-SKIN_AND_SUBCUTANEOUS_TISSUE_DISORDERS
## 265                                code:aesoc-SOCIAL_CIRCUMSTANCES
## 266                        code:aesoc-SURGICAL_AND_MEDICAL_PROCEDURES
## 267                                code:aesoc-VASCULAR_DISORDERS
## 268                                code:aesoc-_ALL_
## 269                                code:aesoc-_NONMISS_
## 270                                code:factor-USUBJID
## 271                                code:factor-_ALL_
## 272                                code:factor-_NONMISS_
## 273                                code:factor-quantity
## 274                                code:procedure-count
## 275                                code:procedure-countdistinct
## 276                                code:saffl-Y
## 277                                code:saffl-_ALL_
## 278                                code:saffl-_NONMISS_
## 279                                code:trta-Placebo
## 280                                code:trta-Xanomeline_High_Dose
## 281                                code:trta-Xanomeline_Low_Dose
## 282                                code:trta-_ALL_
## 283                                code:trta-_NONMISS_
##                                clprefLabel
## 1                                ABDOMINAL DISCOMFORT
## 2                                ABDOMINAL PAIN
## 3                                ACROCHORDON EXCISION
## 4                                ACTINIC KERATOSIS
## 5                                AGITATION
## 6                                ALCOHOL USE
## 7                                ALLERGIC GRANULOMATOUS ANGIITIS
## 8                                ALOPECIA
## 9                                AMNESIA
## 10                               ANXIETY
## 11                               APPLICATION SITE BLEEDING
## 12                               APPLICATION SITE DERMATITIS
## 13                               APPLICATION SITE DESQUAMATION
## 14                               APPLICATION SITE DISCHARGE
## 15                               APPLICATION SITE DISCOLOURATION
## 16                               APPLICATION SITE ERYTHEMA
## 17                               APPLICATION SITE INDURATION
## 18                               APPLICATION SITE IRRITATION
## 19                               APPLICATION SITE PAIN
## 20                               APPLICATION SITE PERSPIRATION
## 21                               APPLICATION SITE PRURITUS
## 22                               APPLICATION SITE REACTION
## 23                               APPLICATION SITE SWELLING
## 24                               APPLICATION SITE URTICARIA
## 25                               APPLICATION SITE VESICLES
## 26                               APPLICATION SITE WARMTH
## 27                               ARTHRALGIA
## 28                               ARTHRITIS
## 29                               ASTHENIA
## 30                               ATRIAL FIBRILLATION

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## 31	ATRIAL FLUTTER
## 32	ATRIAL HYPERTROPHY
## 33	ATRIOVENTRICULAR BLOCK FIRST DEGREE
## 34	ATRIOVENTRICULAR BLOCK SECOND DEGREE
## 35	BACK PAIN
## 36	BALANCE DISORDER
## 37	BENIGN PROSTATIC HYPERPLASIA
## 38	BIOPSY
## 39	BIOPSY PROSTATE
## 40	BLISTER
## 41	BLOOD ALKALINE PHOSPHATASE INCREASED
## 42	BLOOD CHOLESTEROL INCREASED
## 43	BLOOD CREATINE PHOSPHOKINASE INCREASED
## 44	BLOOD GLUCOSE INCREASED
## 45	BLOOD URINE PRESENT
## 46	BODY TEMPERATURE INCREASED
## 47	BRADYCARDIA
## 48	BRONCHITIS
## 49	BUNDLE BRANCH BLOCK LEFT
## 50	BUNDLE BRANCH BLOCK RIGHT
## 51	BURNING SENSATION
## 52	CALCULUS URETHRAL
## 53	CARDIAC DISORDER
## 54	CARDIAC FAILURE CONGESTIVE
## 55	CATARACT OPERATION
## 56	CELLULITIS
## 57	CERUMEN IMPACTION
## 58	CERVICITIS
## 59	CHEST DISCOMFORT
## 60	CHEST PAIN
## 61	CHILLS
## 62	COGNITIVE DISORDER
## 63	COLD SWEAT
## 64	COLON CANCER
## 65	COMPLETED SUICIDE
## 66	COMPLEX PARTIAL SEIZURES
## 67	CONFUSIONAL STATE
## 68	CONJUNCTIVAL HAEMORRHAGE
## 69	CONJUNCTIVITIS
## 70	CONSTIPATION
## 71	CONTUSION
## 72	COORDINATION ABNORMAL
## 73	COUGH
## 74	CYST
## 75	CYSTITIS
## 76	CYSTOSCOPY
## 77	DECREASED APPETITE
## 78	DEHYDRATION
## 79	DELIRIUM
## 80	DELUSION
## 81	DEPRESSED MOOD
## 82	DERMATITIS ATOPIC
## 83	DERMATITIS CONTACT
## 84	DIABETES MELLITUS

## 85	DIARRHOEA
## 86	DISORIENTATION
## 87	DIZZINESS
## 88	DRUG ERUPTION
## 89	DYSPEPSIA
## 90	DYSPHAGIA
## 91	DYSPHONIA
## 92	DYSPNOEA
## 93	DYSURIA
## 94	EAR INFECTION
## 95	EAR PAIN
## 96	ELECTROCARDIOGRAM ST SEGMENT DEPRESSION
## 97	ELECTROCARDIOGRAM T WAVE AMPLITUDE DECREASED
## 98	ELECTROCARDIOGRAM T WAVE INVERSION
## 99	EMPHYSEMA
## 100	ENURESIS
## 101	EPISTAXIS
## 102	ERYTHEMA
## 103	EXCORIATION
## 104	EYE ALLERGY
## 105	EYE LASER SURGERY
## 106	EYE PRURITUS
## 107	EYE SWELLING
## 108	FACIAL BONES FRACTURE
## 109	FALL
## 110	FATIGUE
## 111	FEELING ABNORMAL
## 112	FEELING COLD
## 113	FLANK PAIN
## 114	FLATULENCE
## 115	FOOD CRAVING
## 116	GASTROENTERITIS VIRAL
## 117	GASTROINTESTINAL HAEMORRHAGE
## 118	GASTROOESOPHAGEAL REFLUX DISEASE
## 119	GLAUCOMA
## 120	GLOSSITIS
## 121	HAEMOPTYSIS
## 122	HALLUCINATION
## 123	HALLUCINATION, VISUAL
## 124	HEADACHE
## 125	HEART RATE INCREASED
## 126	HEART RATE IRREGULAR
## 127	HEMIANOPIA HOMONYMOUS
## 128	HIATUS HERNIA
## 129	HIP FRACTURE
## 130	HORDEOLUM
## 131	HOT FLUSH
## 132	HYPERBILIRUBINAEMIA
## 133	HYPERCHOLESTEROLAEMIA
## 134	HYPERHIDROSIS
## 135	HYPERSENSITIVITY
## 136	HYPERSOMNIA
## 137	HYPERTENSION
## 138	HYPONATRAEMIA

## 139	HYPOTENSION
## 140	INCONTINENCE
## 141	INCREASED APPETITE
## 142	INFLAMMATION
## 143	INFLUENZA
## 144	INSOMNIA
## 145	IRRITABILITY
## 146	JOINT DISLOCATION
## 147	LETHARGY
## 148	LIBIDO DECREASED
## 149	LISTLESS
## 150	LOCALISED INFECTION
## 151	LOWER RESPIRATORY TRACT INFECTION
## 152	MALaise
## 153	MALIGNANT FIBROUS HISTIOCYTOMA
## 154	MICTURITION URGENCY
## 155	MUSCLE SPASMS
## 156	MUSCULAR WEAKNESS
## 157	MYALGIA
## 158	MYOCARDIAL INFARCTION
## 159	NASAL CONGESTION
## 160	NASAL MUCOSA BIOPSY
## 161	NASOPHARYNGITIS
## 162	NAUSEA
## 163	NEPHROLITHIASIS
## 164	NEUTROPHIL COUNT INCREASED
## 165	NIGHTMARE
## 166	OEDEMA
## 167	OEDEMA PERIPHERAL
## 168	ONYCHOMYCOSIS
## 169	ORTHOSTATIC HYPOTENSION
## 170	PAIN
## 171	PAIN IN EXTREMITY
## 172	PALPITATIONS
## 173	PARAESTHESIA
## 174	PARAESTHESIA ORAL
## 175	PARKINSON'S DISEASE
## 176	PAROSMIA
## 177	PARTIAL SEIZURES WITH SECONDARY GENERALISATION
## 178	PELVIC PAIN
## 179	PHARYNGEAL ERYTHEMA
## 180	PHARYNGOLARYNGEAL PAIN
## 181	PNEUMONIA
## 182	POLLAKIURIA
## 183	POSTNASAL DRIP
## 184	PRODUCTIVE COUGH
## 185	PROSTATE CANCER
## 186	PRURITUS
## 187	PRURITUS GENERALISED
## 188	PSYCHOMOTOR HYPERACTIVITY
## 189	PYREXIA
## 190	RALES
## 191	RASH
## 192	RASH ERYTHEMATOUS



## 193	RASH MACULO-PAPULAR
## 194	RASH PAPULAR
## 195	RASH PRURITIC
## 196	RECTAL HAEMORRHAGE
## 197	RESPIRATORY TRACT CONGESTION
## 198	RESTLESSNESS
## 199	RHINITIS
## 200	RHINORRHOEA
## 201	SALIVARY HYPERSECRETION
## 202	SEASONAL ALLERGY
## 203	SECRETION DISCHARGE
## 204	SHOULDER PAIN
## 205	SINUS ARRHYTHMIA
## 206	SINUS BRADYCARDIA
## 207	SKIN EXFOLIATION
## 208	SKIN IRRITATION
## 209	SKIN LACERATION
## 210	SKIN LESION EXCISION
## 211	SKIN ODOUR ABNORMAL
## 212	SKIN ULCER
## 213	SOMNOLENCE
## 214	STOMACH DISCOMFORT
## 215	STUPOR
## 216	SUDDEN DEATH
## 217	SUPRAVENTRICULAR EXTRASYSTOLES
## 218	SUPRAVENTRICULAR TACHYCARDIA
## 219	SWELLING
## 220	SYNCOPE
## 221	SYNCOPE VASOVAGAL
## 222	TACHYCARDIA
## 223	TINNITUS
## 224	TRANSIENT ISCHAEMIC ATTACK
## 225	ULCER
## 226	UPPER RESPIRATORY TRACT INFECTION
## 227	URINARY TRACT INFECTION
## 228	URINE ANALYSIS ABNORMAL
## 229	URTICARIA
## 230	VAGINAL MYCOSIS
## 231	VENTRICULAR EXTRASYSTOLES
## 232	VENTRICULAR HYPERTROPHY
## 233	VENTRICULAR SEPTAL DEFECT
## 234	VERTIGO
## 235	VIRAL INFECTION
## 236	VISION BLURRED
## 237	VOMITING
## 238	WEIGHT DECREASED
## 239	WHITE BLOOD CELL COUNT INCREASED
## 240	WOLFF-PARKINSON-WHITE SYNDROME
## 241	WOUND
## 242	WOUND HAEMORRHAGE
## 243	_ALL_
## 244	_NONMISS_
## 245	CARDIAC DISORDERS
## 246	CONGENITAL, FAMILIAL AND GENETIC DISORDERS

```

## 247                                EAR AND LABYRINTH DISORDERS
## 248                                EYE DISORDERS
## 249                                GASTROINTESTINAL DISORDERS
## 250                                GENERAL DISORDERS AND ADMINISTRATION SITE CONDITIONS
## 251                                HEPATOBILIARY DISORDERS
## 252                                IMMUNE SYSTEM DISORDERS
## 253                                INFECTIONS AND INFESTATIONS
## 254                                INJURY, POISONING AND PROCEDURAL COMPLICATIONS
## 255                                INVESTIGATIONS
## 256                                METABOLISM AND NUTRITION DISORDERS
## 257                                MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS
## 258 NEOPLASMS BENIGN, MALIGNANT AND UNSPECIFIED (INCL CYSTS AND POLYPS)
## 259                                NERVOUS SYSTEM DISORDERS
## 260                                PSYCHIATRIC DISORDERS
## 261                                RENAL AND URINARY DISORDERS
## 262                                REPRODUCTIVE SYSTEM AND BREAST DISORDERS
## 263                                RESPIRATORY, THORACIC AND MEDIASTINAL DISORDERS
## 264                                SKIN AND SUBCUTANEOUS TISSUE DISORDERS
## 265                                SOCIAL CIRCUMSTANCES
## 266                                SURGICAL AND MEDICAL PROCEDURES
## 267                                VASCULAR DISORDERS
## 268                                _ALL_
## 269                                _NONMISS_
## 270                                USUBJID
## 271                                _ALL_
## 272                                _NONMISS_
## 273                                quantity
## 274                                count
## 275                                countdistinct
## 276                                Y
## 277                                _ALL_
## 278                                _NONMISS_
## 279                                Placebo
## 280                                Xanomeline High Dose
## 281                                Xanomeline Low Dose
## 282                                _ALL_
## 283                                _NONMISS_
##                                vn    vct                                vnop
## 1      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 2      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 3      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 4      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 5      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 6      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 7      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 8      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 9      aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 10     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 11     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 12     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 13     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 14     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 15     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD
## 16     aedecod DATA rrdfqbcrrnd0:ADAE_AEDECOD

```

[illegible]

[illegible]

[illegible]

[illegible]

```

## 233   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 234   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 235   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 236   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 237   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 238   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 239   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 240   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 241   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 242   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 243   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 244   aedecod DATA rrdfqbc rnd0:ADAE_AEDECOD
## 245     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 246     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 247     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 248     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 249     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 250     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 251     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 252     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 253     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 254     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 255     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 256     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 257     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 258     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 259     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 260     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 261     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 262     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 263     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 264     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 265     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 266     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 267     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 268     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 269     aesoc DATA   rrdfqbc rnd0:ADAE_AESOC
## 270     factor DATA           ==
## 271     factor DATA           <NA>
## 272     factor DATA           <NA>
## 273     factor DATA           ==
## 274 procedure DATA           ==
## 275 procedure DATA           ==
## 276     saffl DATA   rrdfqbc rnd0:ADAE_SAFFL
## 277     saffl DATA   rrdfqbc rnd0:ADAE_SAFFL
## 278     saffl DATA   rrdfqbc rnd0:ADAE_SAFFL
## 279     trta DATA   rrdfqbc rnd0:ADAE_TRTA
## 280     trta DATA   rrdfqbc rnd0:ADAE_TRTA
## 281     trta DATA   rrdfqbc rnd0:ADAE_TRTA
## 282     trta DATA   rrdfqbc rnd0:ADAE_TRTA
## 283     trta DATA   rrdfqbc rnd0:ADAE_TRTA
##
##                                     vnval
## 1   ABDOMINAL DISCOMFORT
## 2   ABDOMINAL PAIN

```

## 3	ACROCHORDON EXCISION
## 4	ACTINIC KERATOSIS
## 5	AGITATION
## 6	ALCOHOL USE
## 7	ALLERGIC GRANULOMATOUS ANGIITIS
## 8	ALOPECIA
## 9	AMNESIA
## 10	ANXIETY
## 11	APPLICATION SITE BLEEDING
## 12	APPLICATION SITE DERMATITIS
## 13	APPLICATION SITE DESQUAMATION
## 14	APPLICATION SITE DISCHARGE
## 15	APPLICATION SITE DISCOLOURATION
## 16	APPLICATION SITE ERYTHEMA
## 17	APPLICATION SITE INDURATION
## 18	APPLICATION SITE IRRITATION
## 19	APPLICATION SITE PAIN
## 20	APPLICATION SITE PERSPIRATION
## 21	APPLICATION SITE PRURITUS
## 22	APPLICATION SITE REACTION
## 23	APPLICATION SITE SWELLING
## 24	APPLICATION SITE URTICARIA
## 25	APPLICATION SITE VESICLES
## 26	APPLICATION SITE WARMTH
## 27	ARTHRALGIA
## 28	ARTHRITIS
## 29	ASTHENIA
## 30	ATRIAL FIBRILLATION
## 31	ATRIAL FLUTTER
## 32	ATRIAL HYPERTROPHY
## 33	ATRIOVENTRICULAR BLOCK FIRST DEGREE
## 34	ATRIOVENTRICULAR BLOCK SECOND DEGREE
## 35	BACK PAIN
## 36	BALANCE DISORDER
## 37	BENIGN PROSTATIC HYPERPLASIA
## 38	BIOPSY
## 39	BIOPSY PROSTATE
## 40	BLISTER
## 41	BLOOD ALKALINE PHOSPHATASE INCREASED
## 42	BLOOD CHOLESTEROL INCREASED
## 43	BLOOD CREATINE PHOSPHOKINASE INCREASED
## 44	BLOOD GLUCOSE INCREASED
## 45	BLOOD URINE PRESENT
## 46	BODY TEMPERATURE INCREASED
## 47	BRADYCARDIA
## 48	BRONCHITIS
## 49	BUNDLE BRANCH BLOCK LEFT
## 50	BUNDLE BRANCH BLOCK RIGHT
## 51	BURNING SENSATION
## 52	CALCULUS URETHRAL
## 53	CARDIAC DISORDER
## 54	CARDIAC FAILURE CONGESTIVE
## 55	CATARACT OPERATION
## 56	CELLULITIS



## 57	CERUMEN IMPACTION
## 58	CERVICITIS
## 59	CHEST DISCOMFORT
## 60	CHEST PAIN
## 61	CHILLS
## 62	COGNITIVE DISORDER
## 63	COLD SWEAT
## 64	COLON CANCER
## 65	COMPLETED SUICIDE
## 66	COMPLEX PARTIAL SEIZURES
## 67	CONFUSIONAL STATE
## 68	CONJUNCTIVAL HAEMORRHAGE
## 69	CONJUNCTIVITIS
## 70	CONSTIPATION
## 71	CONTUSION
## 72	COORDINATION ABNORMAL
## 73	COUGH
## 74	CYST
## 75	CYSTITIS
## 76	CYSTOSCOPY
## 77	DECREASED APPETITE
## 78	DEHYDRATION
## 79	DELIRIUM
## 80	DELUSION
## 81	DEPRESSED MOOD
## 82	DERMATITIS ATOPIC
## 83	DERMATITIS CONTACT
## 84	DIABETES MELLITUS
## 85	DIARRHOEA
## 86	DISORIENTATION
## 87	DIZZINESS
## 88	DRUG ERUPTION
## 89	DYSPEPSIA
## 90	DYSPHAGIA
## 91	DYSPHONIA
## 92	DYSPNOEA
## 93	DYSURIA
## 94	EAR INFECTION
## 95	EAR PAIN
## 96	ELECTROCARDIOGRAM ST SEGMENT DEPRESSION
## 97	ELECTROCARDIOGRAM T WAVE AMPLITUDE DECREASED
## 98	ELECTROCARDIOGRAM T WAVE INVERSION
## 99	EMPHYSEMA
## 100	ENURESIS
## 101	EPISTAXIS
## 102	ERYTHEMA
## 103	EXCORIATION
## 104	EYE ALLERGY
## 105	EYE LASER SURGERY
## 106	EYE PRURITUS
## 107	EYE SWELLING
## 108	FACIAL BONES FRACTURE
## 109	FALL
## 110	FATIGUE

## 111	FEELING ABNORMAL
## 112	FEELING COLD
## 113	FLANK PAIN
## 114	FLATULENCE
## 115	FOOD CRAVING
## 116	GASTROENTERITIS VIRAL
## 117	GASTROINTESTINAL HAEMORRHAGE
## 118	GASTROOESOPHAGEAL REFLUX DISEASE
## 119	GLAUCOMA
## 120	GLOSSITIS
## 121	HAEMOPTYSIS
## 122	HALLUCINATION
## 123	HALLUCINATION, VISUAL
## 124	HEADACHE
## 125	HEART RATE INCREASED
## 126	HEART RATE IRREGULAR
## 127	HEMIANOPIA HOMONYMOUS
## 128	HIATUS HERNIA
## 129	HIP FRACTURE
## 130	HORDEOLUM
## 131	HOT FLUSH
## 132	HYPERBILIRUBINAEMIA
## 133	HYPERCHOLESTEROLAEMIA
## 134	HYPERHIDROSIS
## 135	HYPERSENSITIVITY
## 136	HYPERSONMIA
## 137	HYPERTENSION
## 138	HYPONATRAEMIA
## 139	HYPOTENSION
## 140	INCONTINENCE
## 141	INCREASED APPETITE
## 142	INFLAMMATION
## 143	INFLUENZA
## 144	INSOMNIA
## 145	IRRITABILITY
## 146	JOINT DISLOCATION
## 147	LETHARGY
## 148	LIBIDO DECREASED
## 149	LISTLESS
## 150	LOCALISED INFECTION
## 151	LOWER RESPIRATORY TRACT INFECTION
## 152	MALAISE
## 153	MALIGNANT FIBROUS HISTIOCYTOMA
## 154	MICTURITION URGENCY
## 155	MUSCLE SPASMS
## 156	MUSCULAR WEAKNESS
## 157	MYALGIA
## 158	MYOCARDIAL INFARCTION
## 159	NASAL CONGESTION
## 160	NASAL MUCOSA BIOPSY
## 161	NASOPHARYNGITIS
## 162	NAUSEA
## 163	NEPHROLITHIASIS
## 164	NEUTROPHIL COUNT INCREASED

## 165	NIGHTMARE
## 166	OEDEMA
## 167	OEDEMA PERIPHERAL
## 168	ONYCHOMYCOSIS
## 169	ORTHOSTATIC HYPOTENSION
## 170	PAIN
## 171	PAIN IN EXTREMITY
## 172	PALPITATIONS
## 173	PARAESTHESIA
## 174	PARAESTHESIA ORAL
## 175	PARKINSON'S DISEASE
## 176	PAROSMIA
## 177	PARTIAL SEIZURES WITH SECONDARY GENERALISATION
## 178	PELVIC PAIN
## 179	PHARYNGEAL ERYTHEMA
## 180	PHARYNGOLARYNGEAL PAIN
## 181	PNEUMONIA
## 182	POLLAKIURIA
## 183	POSTNASAL DRIP
## 184	PRODUCTIVE COUGH
## 185	PROSTATE CANCER
## 186	PRURITUS
## 187	PRURITUS GENERALISED
## 188	PSYCHOMOTOR HYPERACTIVITY
## 189	PYREXIA
## 190	RALES
## 191	RASH
## 192	RASH ERYTHEMATOUS
## 193	RASH MACULO-PAPULAR
## 194	RASH PAPULAR
## 195	RASH PRURITIC
## 196	RECTAL HAEMORRHAGE
## 197	RESPIRATORY TRACT CONGESTION
## 198	RESTLESSNESS
## 199	RHINITIS
## 200	RHINORRHOEA
## 201	SALIVARY HYPERSECRETION
## 202	SEASONAL ALLERGY
## 203	SECRETION DISCHARGE
## 204	SHOULDER PAIN
## 205	SINUS ARRHYTHMIA
## 206	SINUS BRADYCARDIA
## 207	SKIN EXFOLIATION
## 208	SKIN IRRITATION
## 209	SKIN LACERATION
## 210	SKIN LESION EXCISION
## 211	SKIN ODOUR ABNORMAL
## 212	SKIN ULCER
## 213	SOMNOLENCE
## 214	STOMACH DISCOMFORT
## 215	STUPOR
## 216	SUDDEN DEATH
## 217	SUPRAVENTRICULAR EXTRASYSTOLES
## 218	SUPRAVENTRICULAR TACHYCARDIA

##	219	SWELLING
##	220	SYNCOPE
##	221	SYNCOPE VASOVAGAL
##	222	TACHYCARDIA
##	223	TINNITUS
##	224	TRANSIENT ISCHAEMIC ATTACK
##	225	ULCER
##	226	UPPER RESPIRATORY TRACT INFECTION
##	227	URINARY TRACT INFECTION
##	228	URINE ANALYSIS ABNORMAL
##	229	URTICARIA
##	230	VAGINAL MYCOSIS
##	231	VENTRICULAR EXTRASYSTOLES
##	232	VENTRICULAR HYPERTROPHY
##	233	VENTRICULAR SEPTAL DEFECT
##	234	VERTIGO
##	235	VIRAL INFECTION
##	236	VISION BLURRED
##	237	VOMITING
##	238	WEIGHT DECREASED
##	239	WHITE BLOOD CELL COUNT INCREASED
##	240	WOLFF-PARKINSON-WHITE SYNDROME
##	241	WOUND
##	242	WOUND HAEMORRHAGE
##	243	<NA>
##	244	<NA>
##	245	CARDIAC DISORDERS
##	246	CONGENITAL, FAMILIAL AND GENETIC DISORDERS
##	247	EAR AND LABYRINTH DISORDERS
##	248	EYE DISORDERS
##	249	GASTROINTESTINAL DISORDERS
##	250	GENERAL DISORDERS AND ADMINISTRATION SITE CONDITIONS
##	251	HEPATOBIILIARY DISORDERS
##	252	IMMUNE SYSTEM DISORDERS
##	253	INFECTIONS AND INFESTATIONS
##	254	INJURY, POISONING AND PROCEDURAL COMPLICATIONS
##	255	INVESTIGATIONS
##	256	METABOLISM AND NUTRITION DISORDERS
##	257	MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS
##	258	NEOPLASMS BENIGN, MALIGNANT AND UNSPECIFIED (INCL CYSTS AND POLYPS)
##	259	NERVOUS SYSTEM DISORDERS
##	260	PSYCHIATRIC DISORDERS
##	261	RENAL AND URINARY DISORDERS
##	262	REPRODUCTIVE SYSTEM AND BREAST DISORDERS
##	263	RESPIRATORY, THORACIC AND MEDIASTINAL DISORDERS
##	264	SKIN AND SUBCUTANEOUS TISSUE DISORDERS
##	265	SOCIAL CIRCUMSTANCES
##	266	SURGICAL AND MEDICAL PROCEDURES
##	267	VASCULAR DISORDERS
##	268	<NA>
##	269	<NA>
##	270	USUBJID
##	271	<NA>
##	272	<NA>

```
## 273                                quantity
## 274                                count
## 275                                countdistinct
## 276                                Y
## 277                                <NA>
## 278                                <NA>
## 279                                Placebo
## 280                                Xanomeline High Dose
## 281                                Xanomeline Low Dose
## 282                                <NA>
## 283                                <NA>
## crnd-dimension:aedecod crnd-dimension:aedecod crnd-dimension:aedecod crnd-dimension:aedecod crnd-dimension:aedecod
```

```
cat("AE cube stored as ", ae.cube.fn, "\n")
```

```
## AE cube stored as /tmp/RtmpTRtZfa/DC-AE-R-V-0-5-2.ttl
```

```
targetFile<- file.path(targetDir,"DC-AE-sample.ttl")
if (file.copy( ae.cube.fn, targetFile, overwrite=TRUE)) {
  cat("AE cube copied to ", normalizePath(targetFile), "\n")
}
```

```
## AE cube copied to /home/ma/projects/rrdfqbcrrnd0/rrdfqbcrrndex/inst/extdata/sample-rdf/DC-AE-sample.ttl
```

## RDF data cube in csv files

```
demoObsDataCsvFn<- system.file("extdata/sample-cfg", "demo.AR.csv", package="rrdfqbcrrndex")
demoObsData <- read.csv(demoObsDataCsvFn,stringsAsFactors=FALSE)

##TODO add measurefmt; quick hack - affects vignettes/cube-from-workbook.Rmd and
##TODO inst/data-raw/create-qb-examples-as-ttl.Rmd
if (!( "measurefmt" %in% names(demoObsData))) {
  demoObsData$measurefmt<- "%6.1f"
  demoObsData$measurefmt[ demoObsData$procedure %in% c("n", "nmiss", "count") ]<- "%6.0f"
  ## sprintf( demoObsData$measurefmt, demoObsData$measure)
}

demoMetaDataCsvFn<- system.file("extdata/sample-cfg", "DEMO-Components.csv", package="rrdfqbcrrndex")
demoMetaData <- read.csv(demoMetaDataCsvFn,stringsAsFactors=FALSE)

demo.cube.fn<- BuildCubeFromDataFrames(demoMetaData, demoObsData )
```

```
## [1] "prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>\nprefix skos: <http://www.w3.org/2004/02/skos/core#"
##      DataStructureDefinition      dimension
## 1      ds:dsd-DEMO      crnd-dimension:agegr1
## 2      ds:dsd-DEMO      crnd-dimension:agegr1
## 3      ds:dsd-DEMO      crnd-dimension:agegr1
## 4      ds:dsd-DEMO      crnd-dimension:agegr1
## 5      ds:dsd-DEMO      crnd-dimension:agegr1
## 6      ds:dsd-DEMO      crnd-dimension:ethnic
```

```

## 7          ds:dsd-DEMO      crnd-dimension:ethnic
## 8          ds:dsd-DEMO      crnd-dimension:ethnic
## 9          ds:dsd-DEMO      crnd-dimension:ethnic
## 10         ds:dsd-DEMO      crnd-dimension:factor
## 11         ds:dsd-DEMO      crnd-dimension:factor
## 12         ds:dsd-DEMO      crnd-dimension:factor
## 13         ds:dsd-DEMO      crnd-dimension:factor
## 14         ds:dsd-DEMO      crnd-dimension:factor
## 15         ds:dsd-DEMO      crnd-dimension:factor
## 16         ds:dsd-DEMO      crnd-dimension:procedure
## 17         ds:dsd-DEMO      crnd-dimension:procedure
## 18         ds:dsd-DEMO      crnd-dimension:procedure
## 19         ds:dsd-DEMO      crnd-dimension:procedure
## 20         ds:dsd-DEMO      crnd-dimension:procedure
## 21         ds:dsd-DEMO      crnd-dimension:procedure
## 22         ds:dsd-DEMO      crnd-dimension:procedure
## 23         ds:dsd-DEMO      crnd-dimension:procedure
## 24         ds:dsd-DEMO      crnd-dimension:procedure
## 25         ds:dsd-DEMO      crnd-dimension:procedure
## 26         ds:dsd-DEMO      crnd-dimension:race
## 27         ds:dsd-DEMO      crnd-dimension:race
## 28         ds:dsd-DEMO      crnd-dimension:race
## 29         ds:dsd-DEMO      crnd-dimension:race
## 30         ds:dsd-DEMO      crnd-dimension:race
## 31         ds:dsd-DEMO      crnd-dimension:race
## 32         ds:dsd-DEMO      crnd-dimension:race
## 33         ds:dsd-DEMO      crnd-dimension:sex
## 34         ds:dsd-DEMO      crnd-dimension:sex
## 35         ds:dsd-DEMO      crnd-dimension:sex
## 36         ds:dsd-DEMO      crnd-dimension:sex
## 37         ds:dsd-DEMO      crnd-dimension:sex
## 38         ds:dsd-DEMO      crnd-dimension:sex
## 39         ds:dsd-DEMO      crnd-dimension:trt01a
## 40         ds:dsd-DEMO      crnd-dimension:trt01a
## 41         ds:dsd-DEMO      crnd-dimension:trt01a
## 42         ds:dsd-DEMO      crnd-dimension:trt01a
## 43         ds:dsd-DEMO      crnd-dimension:trt01a
##           cprefLabel
## 1   Codelist scheme: agegr1
## 2   Codelist scheme: agegr1
## 3   Codelist scheme: agegr1
## 4   Codelist scheme: agegr1
## 5   Codelist scheme: agegr1
## 6   Codelist scheme: ethnic
## 7   Codelist scheme: ethnic
## 8   Codelist scheme: ethnic
## 9   Codelist scheme: ethnic
## 10  Codelist scheme: factor
## 11  Codelist scheme: factor
## 12  Codelist scheme: factor
## 13  Codelist scheme: factor
## 14  Codelist scheme: factor
## 15  Codelist scheme: factor
## 16 Codelist scheme: procedure

```

```

## 17 Codelist scheme: procedure
## 18 Codelist scheme: procedure
## 19 Codelist scheme: procedure
## 20 Codelist scheme: procedure
## 21 Codelist scheme: procedure
## 22 Codelist scheme: procedure
## 23 Codelist scheme: procedure
## 24 Codelist scheme: procedure
## 25 Codelist scheme: procedure
## 26     Codelist scheme: race
## 27     Codelist scheme: race
## 28     Codelist scheme: race
## 29     Codelist scheme: race
## 30     Codelist scheme: race
## 31     Codelist scheme: race
## 32     Codelist scheme: race
## 33     Codelist scheme: sex
## 34     Codelist scheme: sex
## 35     Codelist scheme: sex
## 36     Codelist scheme: sex
## 37     Codelist scheme: sex
## 38     Codelist scheme: sex
## 39 Codelist scheme: trt01a
## 40 Codelist scheme: trt01a
## 41 Codelist scheme: trt01a
## 42 Codelist scheme: trt01a
## 43 Codelist scheme: trt01a
##                                     cl
## 1                                code:agegr1-65-80
## 2                                code:agegr1-_65
## 3                                code:agegr1-_80
## 4                                code:agegr1-_ALL_
## 5                                code:agegr1-_NONMISS_
## 6                                code:ethnic-HISPANIC_OR_LATINO
## 7                                code:ethnic-NOT_HISPANIC_OR_LATINO
## 8                                code:ethnic-_ALL_
## 9                                code:ethnic-_NONMISS_
## 10                               code:factor-_ALL_
## 11                               code:factor-_NONMISS_
## 12                               code:factor-age
## 13                               code:factor-proportion
## 14                               code:factor-quantity
## 15                               code:factor-weightbl
## 16                               code:procedure-count
## 17                               code:procedure-max
## 18                               code:procedure-mean
## 19                               code:procedure-median
## 20                               code:procedure-min
## 21                               code:procedure-n
## 22                               code:procedure-percent
## 23                               code:procedure-q1
## 24                               code:procedure-q3
## 25                               code:procedure-std
## 26                               code:race-AMERICAN_INDIAN_OR_ALASKA_NATIVE

```

```

## 27                                code:race-ASIAN
## 28                                code:race-BLACK_OR_AFRICAN_AMERICAN
## 29 code:race-NATIVE_HAWAIIAN_OR_OTHER_PACIFIC_ISLANDER
## 30                                code:race-WHITE
## 31                                code:race-_ALL_
## 32                                code:race-_NONMISS_
## 33                                code:sex-F
## 34                                code:sex-M
## 35                                code:sex-U
## 36                                code:sex-UN
## 37                                code:sex-_ALL_
## 38                                code:sex-_NONMISS_
## 39                                code:trt01a-Placebo
## 40                                code:trt01a-Xanomeline_High_Dose
## 41                                code:trt01a-Xanomeline_Low_Dose
## 42                                code:trt01a-_ALL_
## 43                                code:trt01a-_NONMISS_
##                                clprefLabel      vn  vct
## 1                                65-80    agegr1 DATA
## 2                                <65    agegr1 DATA
## 3                                >80    agegr1 DATA
## 4                                _ALL_    agegr1 DATA
## 5                                _NONMISS_    agegr1 DATA
## 6                                HISPANIC OR LATINO    ethnic DATA
## 7                                NOT HISPANIC OR LATINO    ethnic DATA
## 8                                _ALL_    ethnic DATA
## 9                                _NONMISS_    ethnic DATA
## 10                               _ALL_    factor DATA
## 11                               _NONMISS_    factor DATA
## 12                               age    factor DATA
## 13                               proportion    factor DATA
## 14                               quantity    factor DATA
## 15                               weightbl    factor DATA
## 16                               count    procedure DATA
## 17                               max    procedure DATA
## 18                               mean    procedure DATA
## 19                               median    procedure DATA
## 20                               min    procedure DATA
## 21                               n    procedure DATA
## 22                               percent    procedure DATA
## 23                               q1    procedure DATA
## 24                               q3    procedure DATA
## 25                               std    procedure DATA
## 26                                AMERICAN INDIAN OR ALASKA NATIVE    race SDTM
## 27                                ASIAN    race SDTM
## 28                                BLACK OR AFRICAN AMERICAN    race SDTM
## 29 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER    race SDTM
## 30                                WHITE    race SDTM
## 31                                _ALL_    race SDTM
## 32                                _NONMISS_    race SDTM
## 33                                F    sex SDTM
## 34                                M    sex SDTM
## 35                                U    sex SDTM
## 36                                UN    sex SDTM

```



```

## 37          _ALL_          sex SDTM
## 38          _NONMISS_       sex SDTM
## 39          Placebo        trt01a DATA
## 40          Xanomeline High Dose    trt01a DATA
## 41          Xanomeline Low Dose     trt01a DATA
## 42          _ALL_          trt01a DATA
## 43          _NONMISS_      trt01a DATA
##          vnop                                vnval
## 1  rrdfqbcrnd0:ADSL_AGEGR1                65-80
## 2  rrdfqbcrnd0:ADSL_AGEGR1                <65
## 3  rrdfqbcrnd0:ADSL_AGEGR1                >80
## 4  rrdfqbcrnd0:ADSL_AGEGR1                <NA>
## 5  rrdfqbcrnd0:ADSL_AGEGR1                <NA>
## 6  rrdfqbcrnd0:ADSL_ETHNIC                HISPANIC OR LATINO
## 7  rrdfqbcrnd0:ADSL_ETHNIC                NOT HISPANIC OR LATINO
## 8  rrdfqbcrnd0:ADSL_ETHNIC                <NA>
## 9  rrdfqbcrnd0:ADSL_ETHNIC                <NA>
## 10          <NA>                        <NA>
## 11          <NA>                        <NA>
## 12          ==                        age
## 13          ==                        proportion
## 14          ==                        quantity
## 15          ==                        weightbl
## 16          ==                        count
## 17          ==                        max
## 18          ==                        mean
## 19          ==                        median
## 20          ==                        min
## 21          ==                        n
## 22          ==                        percent
## 23          ==                        q1
## 24          ==                        q3
## 25          ==                        std
## 26  rrdfqbcrnd0:ADSL_RACE                AMERICAN INDIAN OR ALASKA NATIVE
## 27  rrdfqbcrnd0:ADSL_RACE                ASIAN
## 28  rrdfqbcrnd0:ADSL_RACE                BLACK OR AFRICAN AMERICAN
## 29  rrdfqbcrnd0:ADSL_RACE                NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
## 30  rrdfqbcrnd0:ADSL_RACE                WHITE
## 31  rrdfqbcrnd0:ADSL_RACE                <NA>
## 32  rrdfqbcrnd0:ADSL_RACE                <NA>
## 33  rrdfqbcrnd0:ADSL_SEX                F
## 34  rrdfqbcrnd0:ADSL_SEX                M
## 35  rrdfqbcrnd0:ADSL_SEX                U
## 36  rrdfqbcrnd0:ADSL_SEX                UN
## 37  rrdfqbcrnd0:ADSL_SEX                <NA>
## 38  rrdfqbcrnd0:ADSL_SEX                <NA>
## 39  rrdfqbcrnd0:ADSL_TRT01A                Placebo
## 40  rrdfqbcrnd0:ADSL_TRT01A                Xanomeline High Dose
## 41  rrdfqbcrnd0:ADSL_TRT01A                Xanomeline Low Dose
## 42  rrdfqbcrnd0:ADSL_TRT01A                <NA>
## 43  rrdfqbcrnd0:ADSL_TRT01A                <NA>
## crnd-dimension:agegr1 crnd-dimension:agegr1 crnd-dimension:agegr1 crnd-dimension:agegr1 crnd-dimension:agegr1

```

```
cat("DEMO cube stored as ", normalizePath(demo.cube.fn), "\n")
```

```
## DEMO cube stored as /tmp/RtmpTRtZfa/DC-DEMO-R-V-0-5-2.ttl
```

```
targetFile<- file.path(targetDir,"DC-DEMO-sample.ttl")
```

```
if (file.copy( demo.cube.fn, targetFile, overwrite=TRUE)) {  
  cat("DEMO cube copied to ", normalizePath(targetFile), "\n")  
}
```

```
## DEMO cube copied to /home/ma/projects/rrdfqbc rnd0/rrdfqbc rndex/inst/extdata/sample-rdf/DC-DEMO-samp
```