|  |  |
| --- | --- |
| mifem | R Documentation |

**Mortality Outcomes for Females Suffering Myocardial Infarction**

**Description**

The mifem data frame has 1295 rows and 10 columns. This is the female subset of the 'monica' data frame

**Usage**

mifem

**Format**

This data frame contains the following columns:

outcome

mortality outcome, a factor with levels live, dead

age

age at onset

yronset

year of onset

premi

previous myocardial infarction event, a factor with levels y, n, nk not known

smstat

smoking status, a factor with levels c current, x ex-smoker, n non-smoker, nk not known

diabetes

a factor with levels y, n, nk not known

highbp

high blood pressure, a factor with levels y, n, nk not known

hichol

high cholesterol, a factor with levels y, n nk not known

angina

a factor with levels y, n, nk not known

stroke

a factor with levels y, n, nk not known

**Source**

Newcastle (Australia) centre of the Monica project; see the web site http://www.ktl.fi/monica

**Examples**

print("CART - Example 10.7")

summary(mifem)

pause()

require(rpart)

mifem.rpart <- rpart(outcome ~ ., data = mifem, cp = 0.0025)

plotcp(mifem.rpart)

printcp(mifem.rpart)

pause()

mifemb.rpart <- prune(mifem.rpart, cp=0.006)

print(mifemb.rpart)