Package 'mod.building'

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Type Package	
Title Multivariable	Model-building for Cox Regression Model
Version 0.1.0	
Author Hyunsoo H	Iwang
Maintainer Hyuns	oo Hwang <ilsanjoa@gmail.com></ilsanjoa@gmail.com>
Description The function performs a multivariable model-building for Cox regression based on likelihood-ratio test (LRT) p-value	
License GPL-3	
Encoding UTF-8	
LazyData true	
Imports survival	
RoxygenNote 7.1.	
R topics docu	imented:
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lr.surv.pval	P values calculation in The multivariable Cox model Using LRT
Description	
The function cr	eates a p-value table for multivariable Cox Proportional Hazard regression model.
Usage	
lr.surv.pval	(time, event, covariate, data)
Arguments	
time	A variable for time to event
event	A variable for event indicator (1 indicates event, 0 is censored)
covariate	A vector of variables included in the multivariable analysis
data	A data set

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Value

A matrix with variables and p values in the multivariable Cox model

Examples

surv.pval

A backward elimination model building in Cox regression

Description

The function builds or finalizes a multivariable Cox regression model based on a LRT p-value.

Usage

```
surv.pval(time, event, covariate, sig = 0.05, data)
```

Arguments

time A variable for time to event

event A variable for event indicator (1 indicates event, 0 is censored) covariate A vector of variables included in the multivariable analysis

sig A significance level that allows the variable in the finalized model

data A data set

Value

A matrix with variables and p values in the multivariable Cox model

Examples

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