stagec   R Documentation

Stage C Prostate Cancer

Description

A set of 146 patients with stage C prostate cancer, from a study exploring the prognostic value of flow cytometry.

Usage

```
data(stagec)
```

Format

A data frame with 146 observations on the following 8 variables.

pgtime

> Time to progression or last follow-up (years)

pgstat

> 1 = progression observed, 0 = censored

age

> age in years

eet

> early endocrine therapy, 1 = no, 2 = yes

g2

> percent of cells in G2 phase, as found by flow cytometry

grade

> grade of the tumor, Farrow system

gleason

> grade of the tumor, Gleason system

ploidy

> the ploidy status of the tumor, from flow cytometry. Values are diploid, tetraploid, and aneuploid

Details

A tumor is called diploid (normal complement of dividing cells) if the fraction of cells in G2 phase was determined to be 13% or less. Aneuploid cells have a measurable fraction with a chromosome count that is neither 24 nor 48, for these the G2 percent is difficult or impossible to measure.

Examples

```
require(survival)
rpart(Surv(pgtime, pgstat) ~ ., stagec)
```