R documentation

of 'fastlogranktest/man/logrank_test.Rd'

April 2, 2020

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logrank_test   *Calculate the Log-Rank-Test very fast*

Description

Calculate the Log-Rank-Test very fast

Usage

```
logrank_test(groupa, groupb, groupacensored, groupbcensored)
```

Arguments

groupa   vector of group a's survival times

groupb   vector of group b's survival times

groupacensored vector of censored information of group a's survival times

groupbcensored vector of censored information of group b's survival times

Value

p-value

Examples

```
T1 <- c(6, 6, 6, 6, 7, 9, 10, 10, 11, 13, 16, 17, 19, 20, 22, 23, 25, 32, 32, 34, 35)
E1 <- c(1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0)
T2 <- c(1, 1, 2, 2, 3, 4, 4, 5, 5, 8, 8, 8, 8, 11, 11, 12, 12, 15, 17, 22, 23)
E2 <- c(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1)
logrank_test(T1, T2, E1, E2)
#1.679294e+01 4.168809e-05
```

Index