

# Package ‘changeLOS’

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**Version** 2.1

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**Title** Change in LOS

**Author** Matthias Wangler <mw@imbi.uni-freiburg.de>, Jan Beyersmann  
<jan@fdm.uni-freiburg.de>

**Maintainer** Arthur Allignol <arthur.allignol@fdm.uni-freiburg.de>

**Depends** R (>= 1.8.1), survival

**Description** The package is DEPRECATED. All the functionalities offered  
by changeLOS can now be found in the etm package.

**License** GPL (>= 2)

**Repository** CRAN

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los.data	<i>Length of hospital stay</i>
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**Description**

The los.data data frame has 756 rows, one row for each patient, and 7 columns.

**Usage**

```
data(los.data)
```

**Format**

A data frame with the following columns:

- adm.id** admission id of the patient
- j.01** observed time for jump from 0 (initial state) to 1 (intermediate state)
- j.02** observed time for jump from 0 to 2 (discharge)
- j.03** observed time for jump from 0 to 3 (death)
- j.12** observed time for jump from 1 to 2
- j.13** observed time for jump from 1 to 3
- cens** censoring time (either in initial or intermediate state)

**Examples**

```
data(los.data)
```

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prepare.los.data	<i>Prepare the data for clos</i>
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**Description**

Prepare data to be passed to clos() in package etm.

**Usage**

```
prepare.los.data(x)
```

### Arguments

x data.frame of the form data.frame(id, j.01, j.02, j.03, j.12, j.13, cens):  
**id:** id (patient id, admission id)  
**j.01:** observed time for jump from 0 to 1  
**j.02:** observed time for jump from 0 to 2  
**j.03:** observed time for jump from 0 to 3  
**j.12:** observed time for jump from 1 to 2  
**j.13:** observed time for jump from 1 to 3  
**cens:** censoring time (either in initial or intermediate state)

### Value

a data.frame of the form data.frame(id, from, to, time, oid):

id: id (patient id, admission id)  
from: the state from where a transition occurs  
to: the state to which a transition occurs  
time: time of the transition  
oid: the observation id

### Author(s)

Matthias Wangler <mw@imbi.uni-freiburg.de>

### See Also

[clos](#)

### Examples

```
data(los.data)  
my.observe <- prepare.los.data(x=los.data)
```

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