# Titanic - mode|line

#### Leo~Xu

27 January 2018

## Setup parameters

```
data.dir <- 'C:/Users/leoxu/Google Drive/01 Projects/02 Titanic/Input data'
project.name <- 'Titanic'
project.version <- '1.0'
project.date <- '2018-01-27'

df <- read.csv(paste(data.dir, 'train.csv', sep = '/'), header = TRUE)

df.pkey <- 'PassengerId'</pre>
```

## Loading libraries and run code|line package

```
devtools::install_github("LeeeOh/modeline")
library(modeline)
```

## Run mode|line

```
df.modeline <- dataSumm(df)</pre>
```

# Data summary

| Label              | Value        |
|--------------------|--------------|
| Project name:      | Titanic v1.0 |
| Date:              | 2018-01-27   |
| Number of factors: | 12           |
| Number of rows:    | 891          |
| Unique identifier: | PassengerId  |

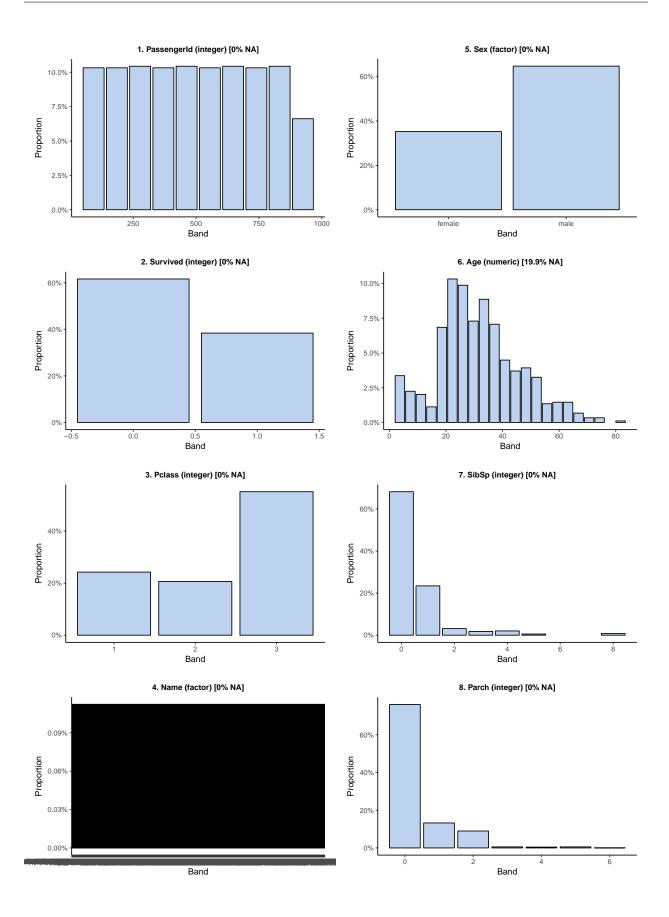
## Factor summary

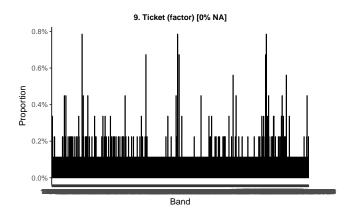
| Factor ID | Name                   | Data type | Unique values | NA values | % NA values |
|-----------|------------------------|-----------|---------------|-----------|-------------|
| 1         | PassengerId            | integer   | 891           | 0         | 0%          |
| 2         | Survived               | integer   | 2             | 0         | 0%          |
| 3         | Pclass                 | integer   | 3             | 0         | 0%          |
| 4         | Name                   | factor    | 891           | 0         | 0%          |
| 5         | Sex                    | factor    | 2             | 0         | 0%          |
| 6         | Age                    | numeric   | 89            | 177       | 19.9%       |
| 7         | $\operatorname{SibSp}$ | integer   | 7             | 0         | 0%          |
| 8         | Parch                  | integer   | 7             | 0         | 0%          |
| 9         | Ticket                 | factor    | 681           | 0         | 0%          |
| 10        | Fare                   | numeric   | 248           | 0         | 0%          |
| 11        | Cabin                  | factor    | 148           | 0         | 0%          |
| 12        | Embarked               | factor    | 4             | 0         | 0%          |

# Factor plots

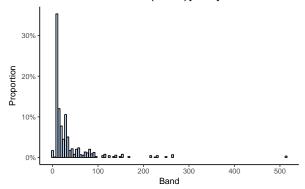
## \$plots

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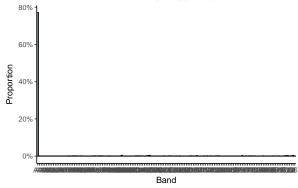




#### 10. Fare (numeric) [0% NA]







#### 12. Embarked (factor) [0% NA]

