

TESTS_DEV - S3 Représentation du nombre d'individus dans les pixels

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Jeu de données 1

```
## Loading required package: grid
```

```
## Loading required package: chron
```

```
## Loading required package: Matrix
```

```
## Loading required package: colorspace
```

```
## Loading required package: stringr
```

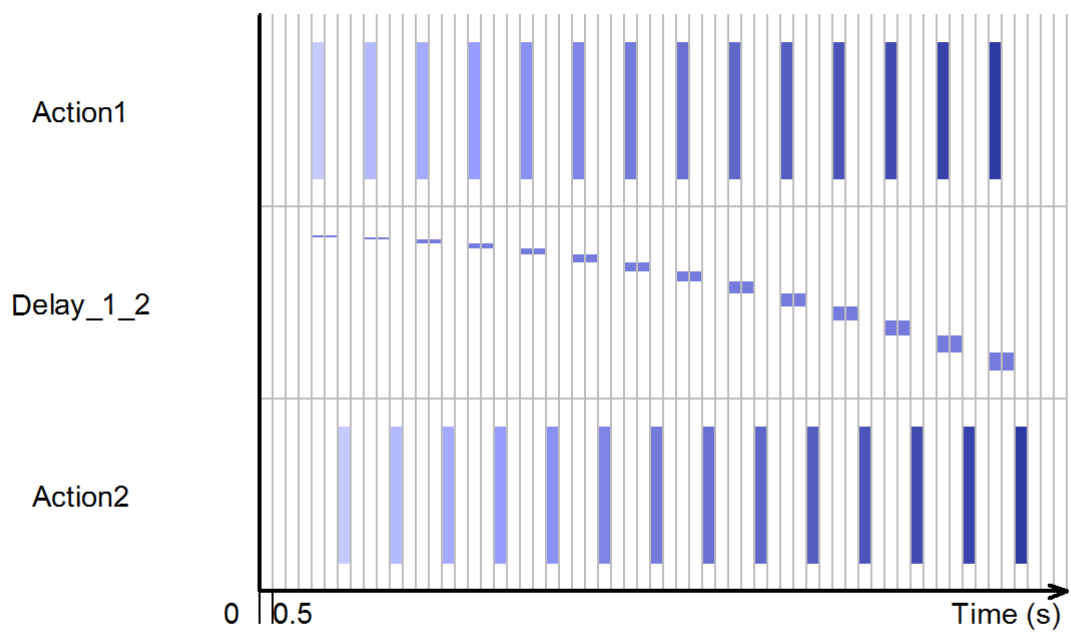
quantity = "N"

```
table(data[,2])
```

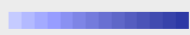
```
##  
##  2  4  6  8 10 12 14 16 18 20 22 24 26 28  
##  1  2  3  4  5  6  7  8  9 10 11 12 13 14
```

```
vi <- visielse( X=data, book=book, pixel= 0.5, informer=NULL)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions  
##
```



Punctual Action
N : 1 -> 14

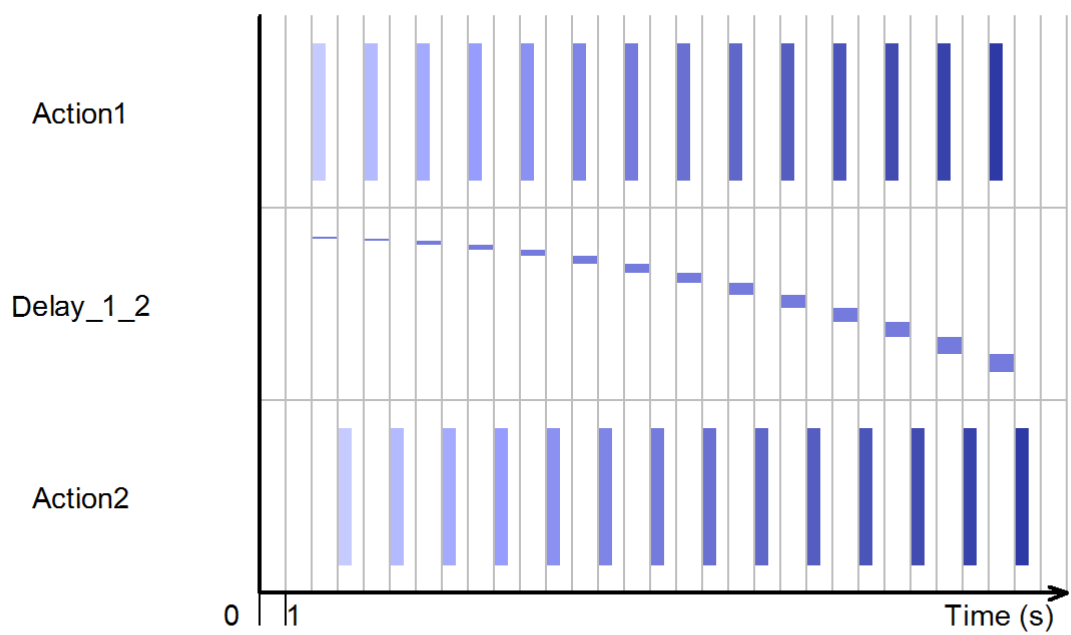


Long Action

Done



```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
N : 1 -> 14



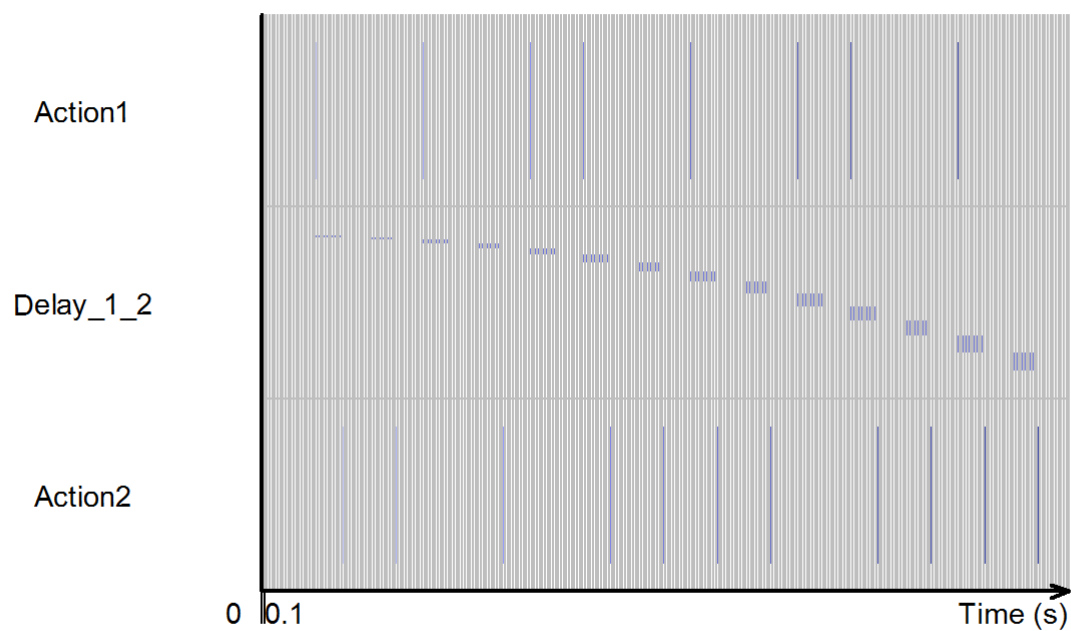
Long Action

Done



```
vi <- visielse( X=data, book=book, pixel= 0.1, informer=NULL)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions  
##
```



Punctual Action
N : 1 -> 14

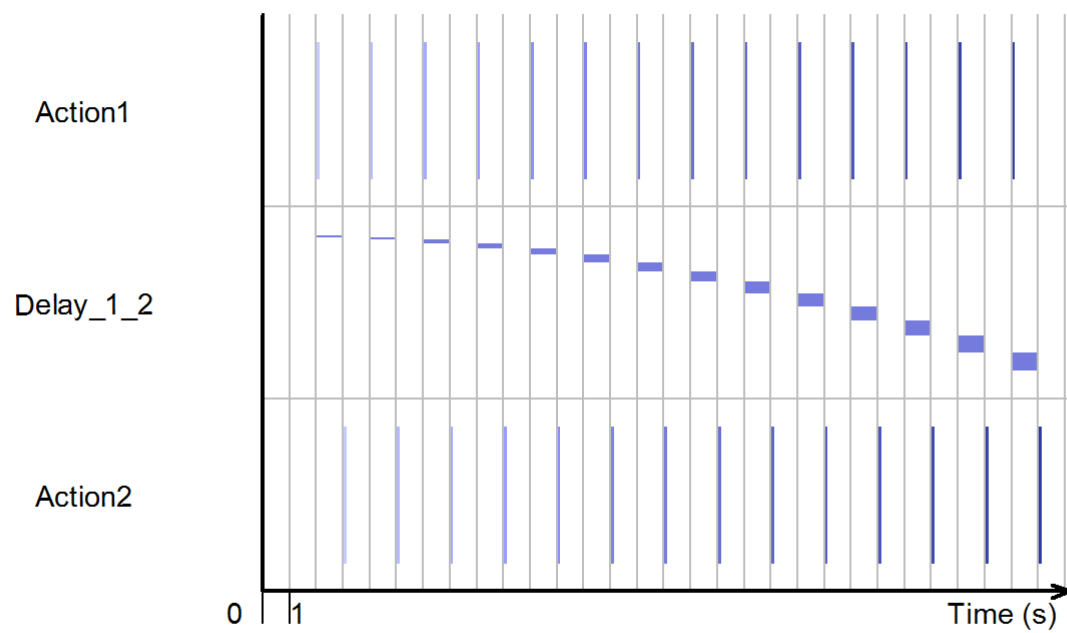


Long Action

Done



```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
N : 1 -> 14



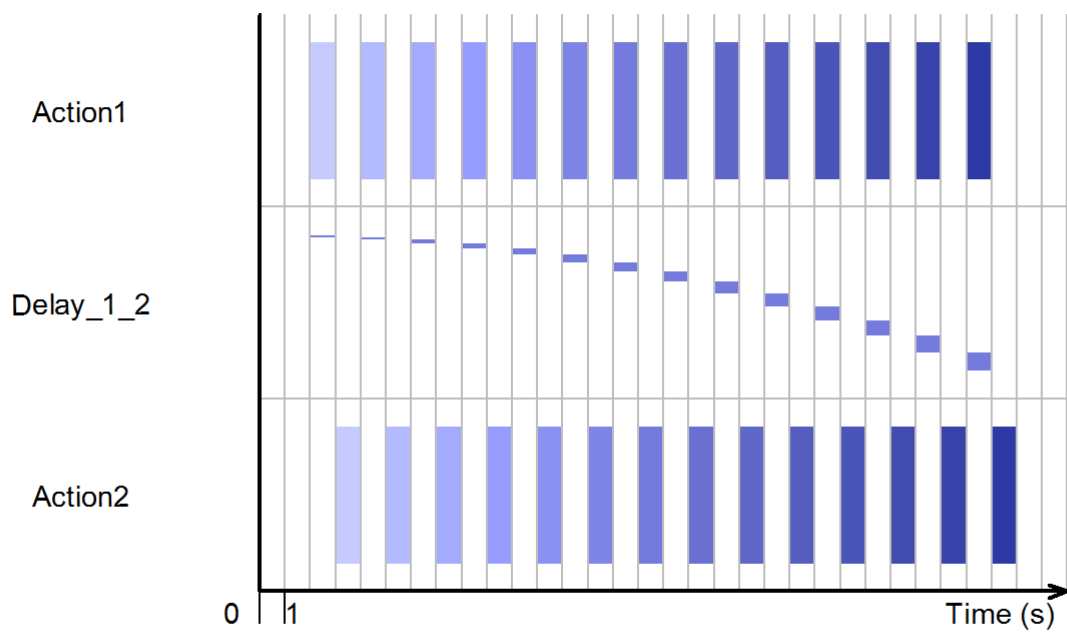
Long Action

Done



```
vi <- visielse( X=data, book=book, pixel= 1, informer=NULL, ncolvect = 14)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```



Punctual Action
N : 1 -> 14

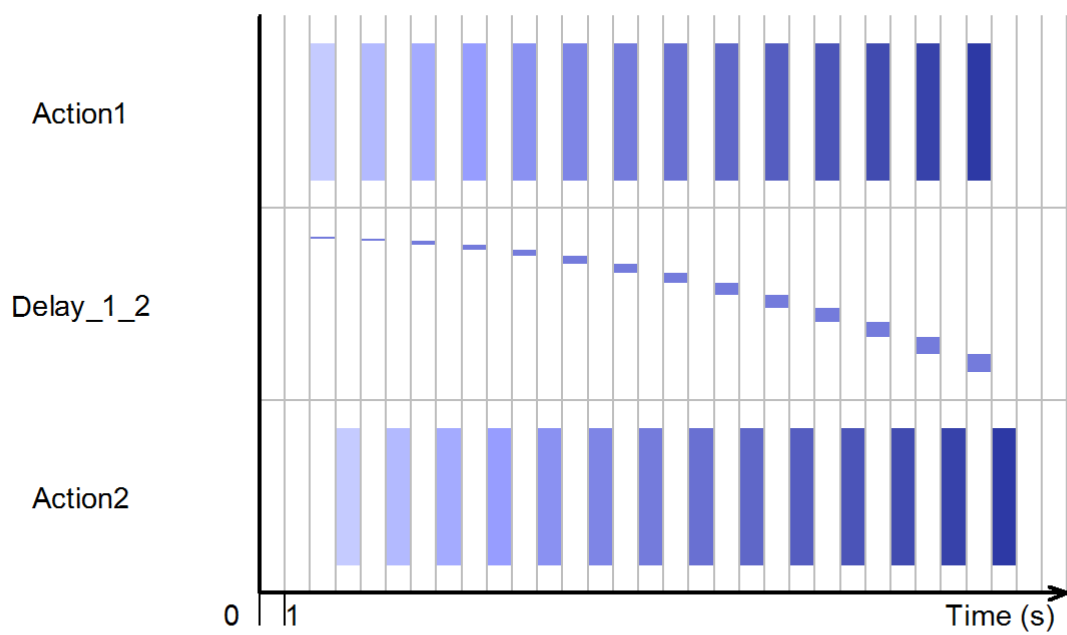


Long Action

Done



```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
N : 1 -> 14



Long Action

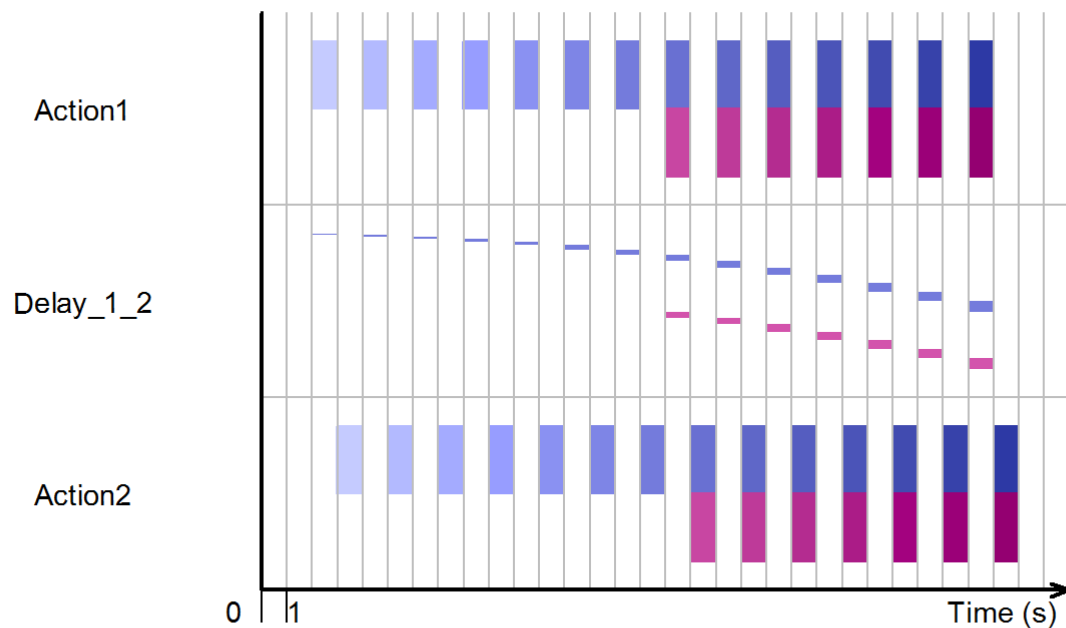
Done



Group ≤ 15 et >15

```
group<- as.numeric(data[,3] <=15)
vi <- visielse( X = data, book = book, group = group, method = "within" , pixel=1 ,tests=FALSE, informer=NULL)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```



Punctual Action

N : 1 -> 14

Group All

Group 0



Long Action

Group All

Group 0

Done

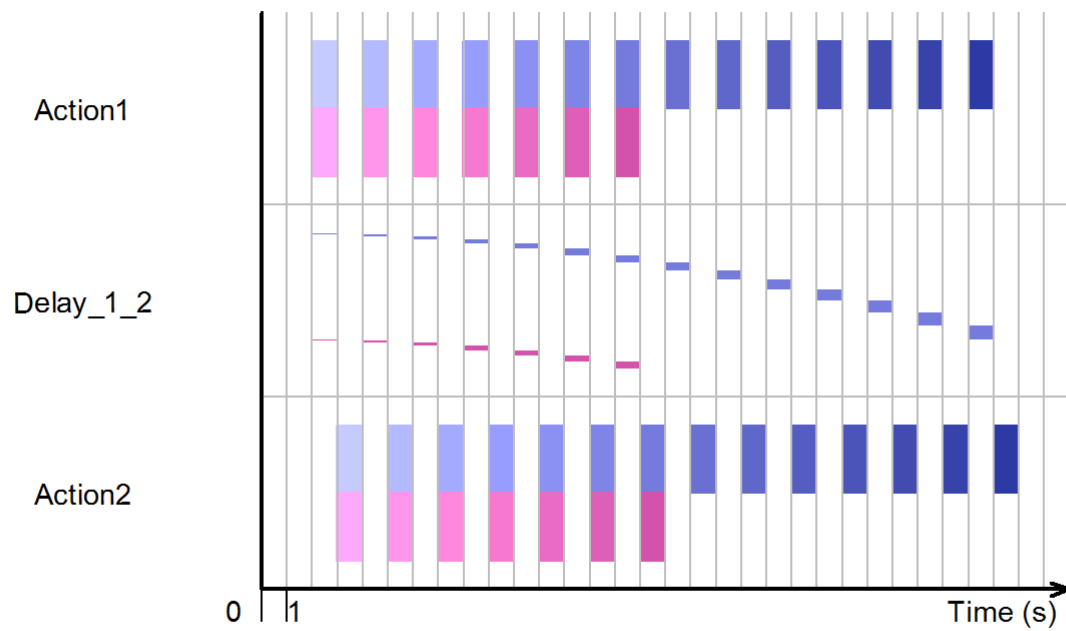


Done



```
vi <- visielse( X = data, book = book, group = group, method = "within" ,grwithin = 1,
pixel=1 ,tests=FALSE, informer=NULL)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```



Punctual Action

N : 1 -> 14

Group All

Group 1



Long Action

Group All

Group 1

Done



Done

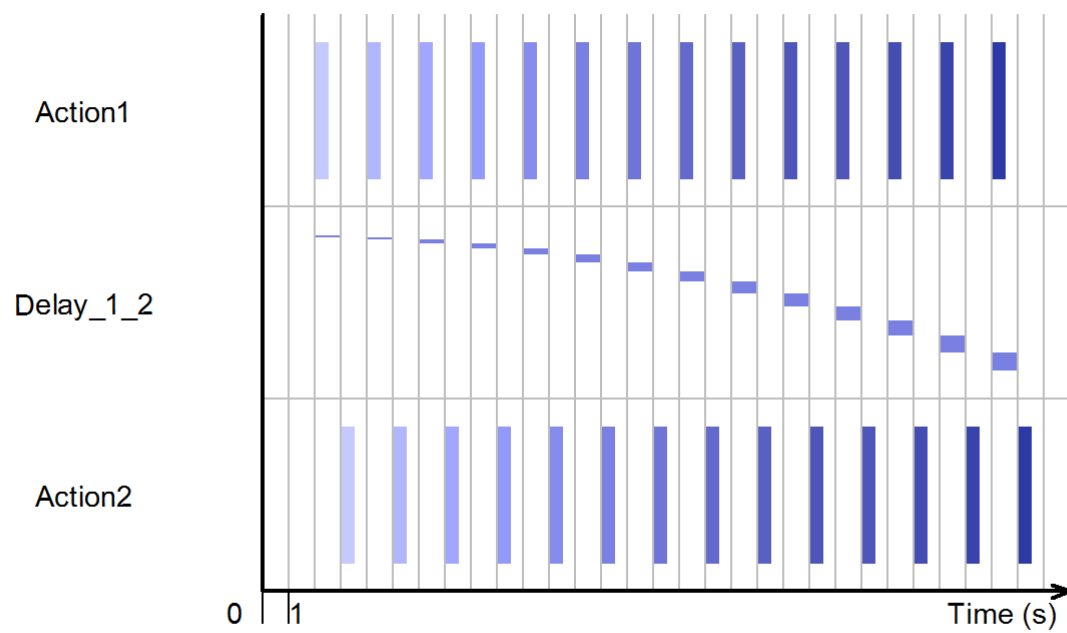


quantity = "dens"

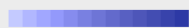
```
vi <- visielse( X=data, book=book, pixel= 0.5, informer=NULL,quantity = "dens",doplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
% : 1 -> 13



Long Action

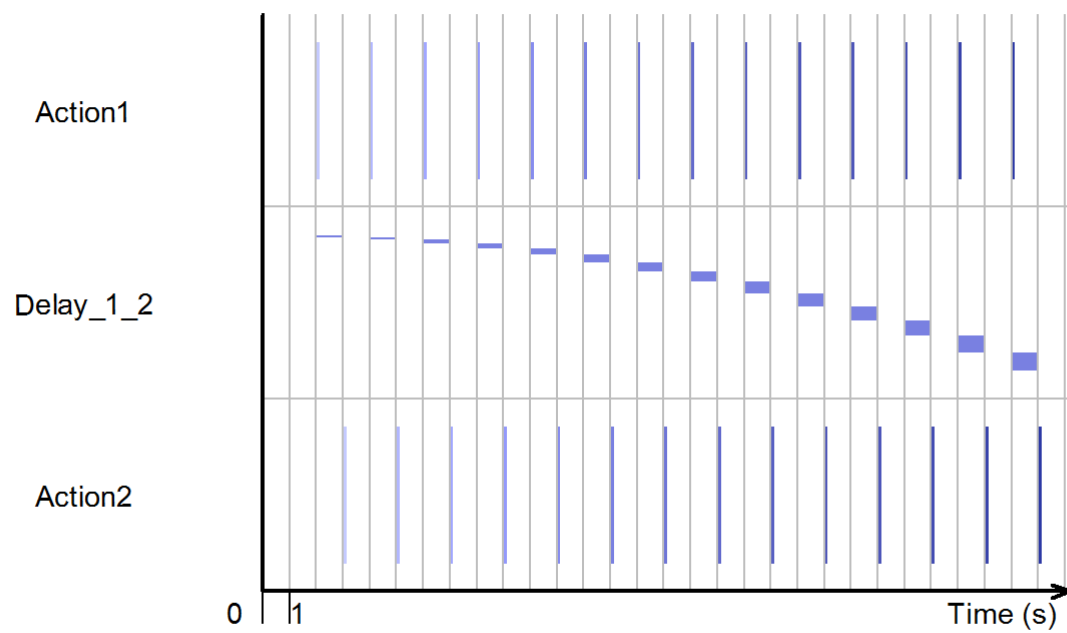
Done



```
vi <- visielse( X=data, book=book, pixel= 0.1, informer=NULL,quantity = "dens",doplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 1)
```

Punctual Action
% : 1 -> 13



Long Action

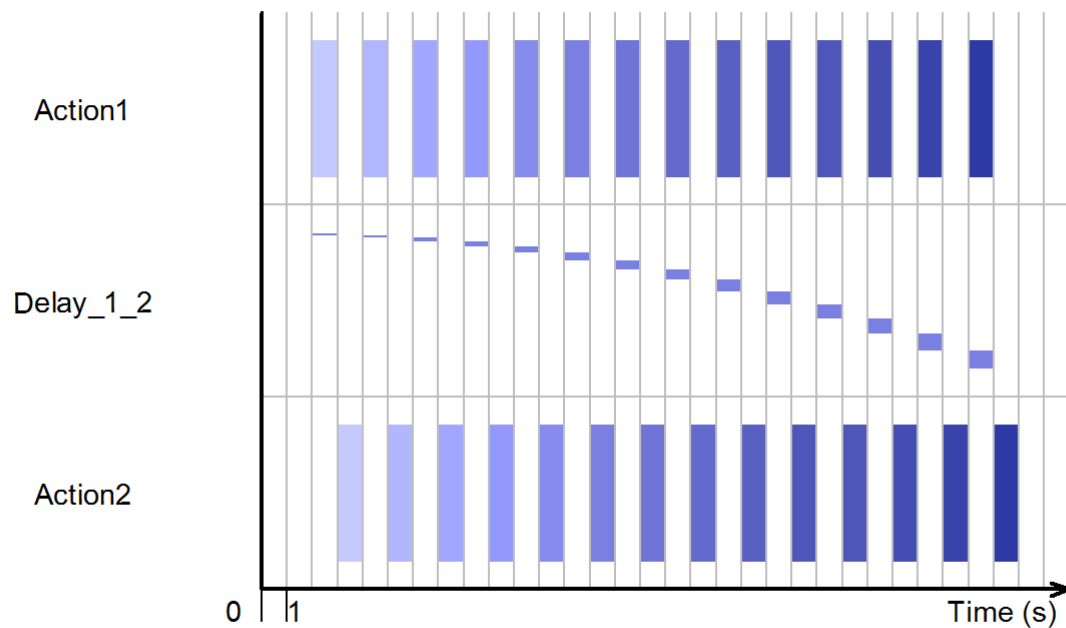
Done



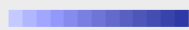
```
vi <- visielse( X=data, book=book, pixel= 1, informer=NULL, ncolvect = 14,quantity = "dens",d
oplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
% : 1 -> 13



Long Action

Done



Jeu de données 2

quantity = "N"

```
summary(data)
```

```
##          id          Action1          Action2
##  Min.   : 1.0    Min.   :1.016    Min.   : 1.227
## 1st Qu.:25.5    1st Qu.:1.930    1st Qu.: 5.580
## Median :50.0    Median :3.112    Median : 7.756
## Mean   :50.0    Mean   :3.279    Mean   : 7.965
## 3rd Qu.:74.5    3rd Qu.:4.437    3rd Qu.: 9.924
## Max.   :99.0    Max.   :6.418    Max.   :14.825
```

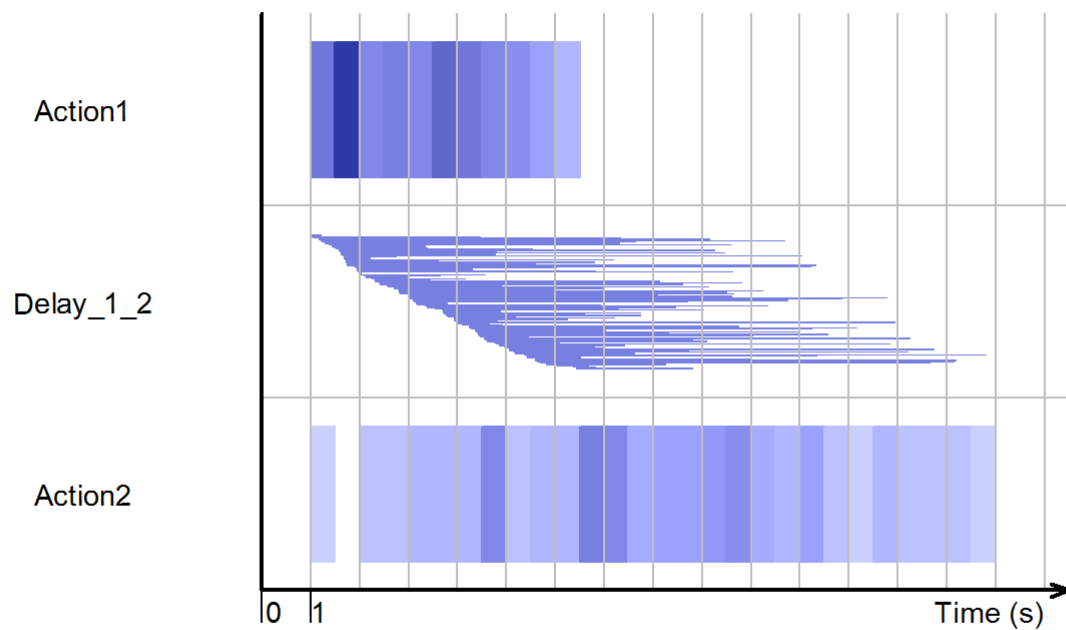
```
summary(data[,3]-data[,2])
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## 0.04806 2.34200 4.27900 4.68600 7.07900 9.77500
```

```
vi <- visielse( X=data, book=book, pixel= 0.5, informer=NULL, doplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
N : 1 -> 19



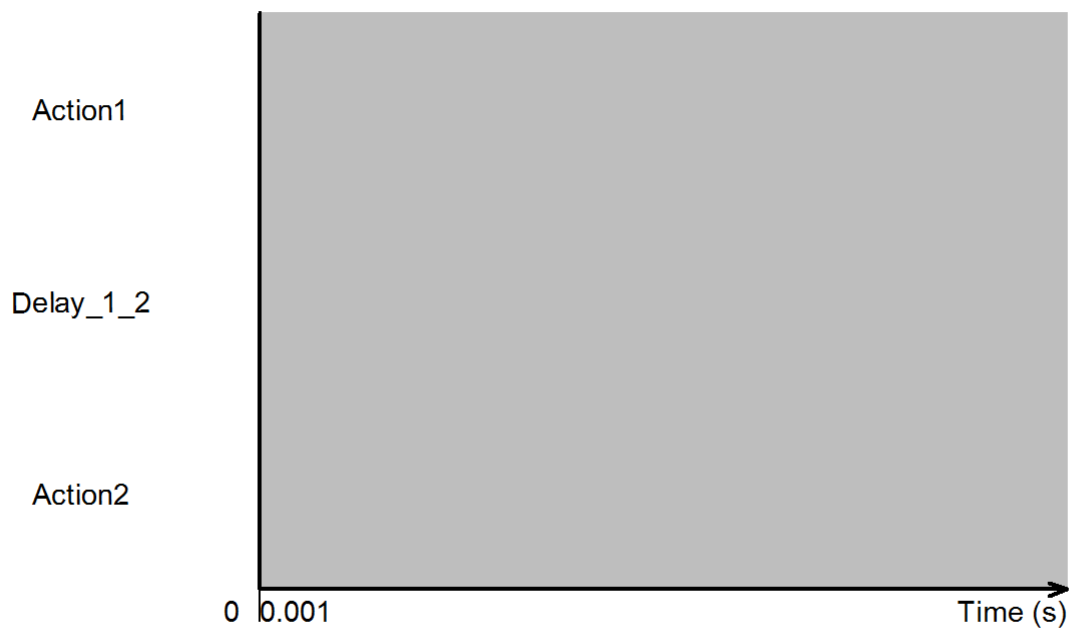
Long Action

Done



```
vi <- visielse( X=data, book=book, pixel= 0.001, informer=NULL)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions  
##
```



Punctual Action
N : 1 -> 2

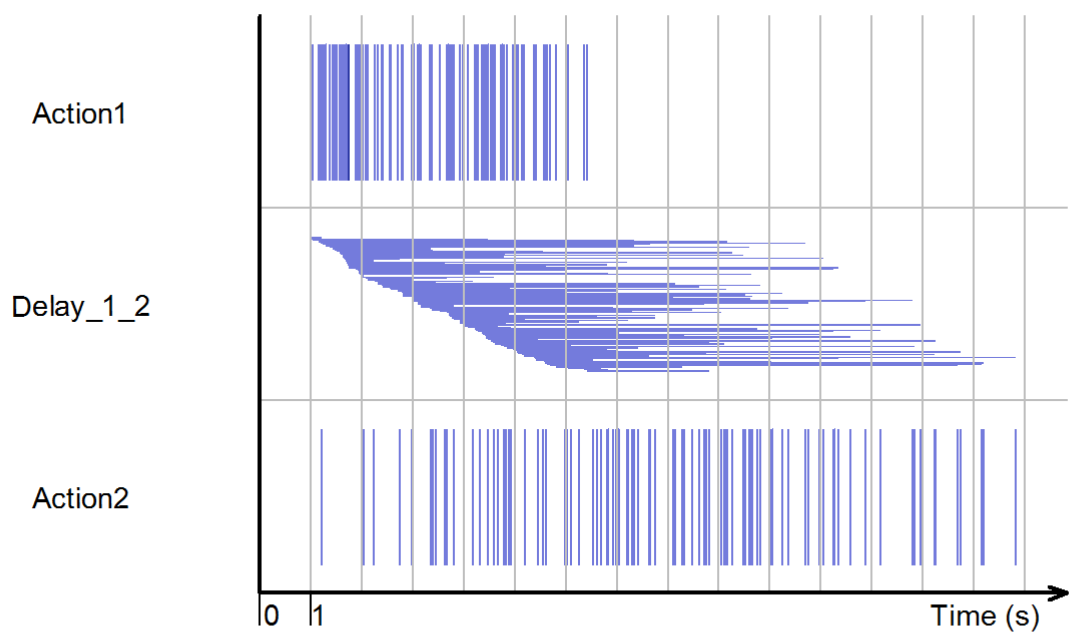


Long Action

Done



```
plot(vi, scal.unit.tps = 1)
```



Punctual Action
N : 1 -> 2



Long Action

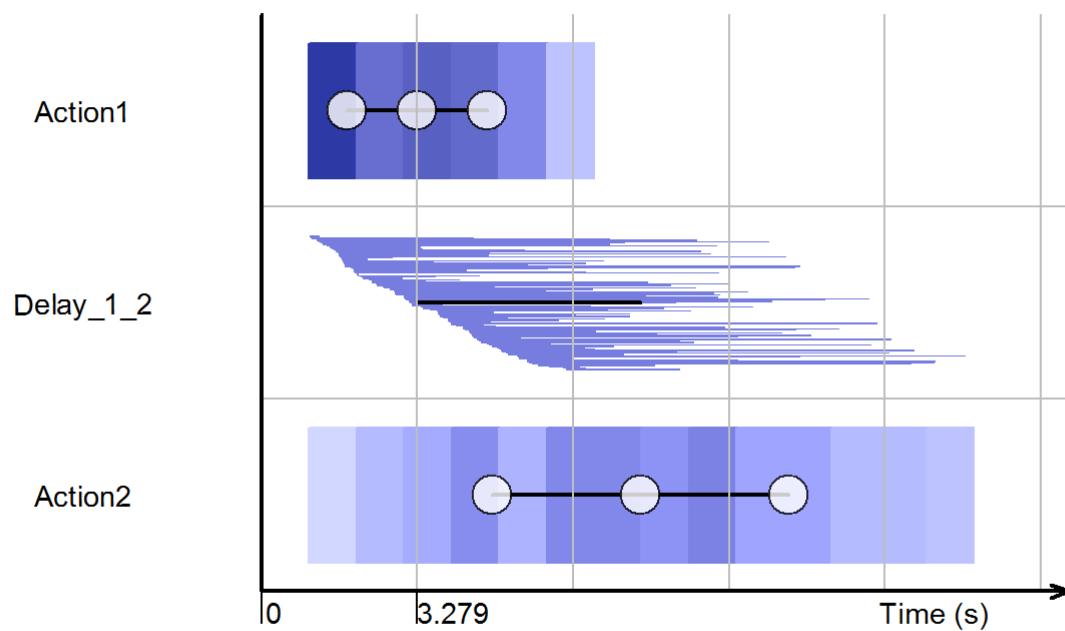
Done



```
vi <- visielse( X=data, book=book, pixel= 1, informer="mean",doplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 3.279)
```

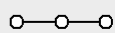


Punctual Action

N : 1 -> 29



Mean +/- sd



Long Action

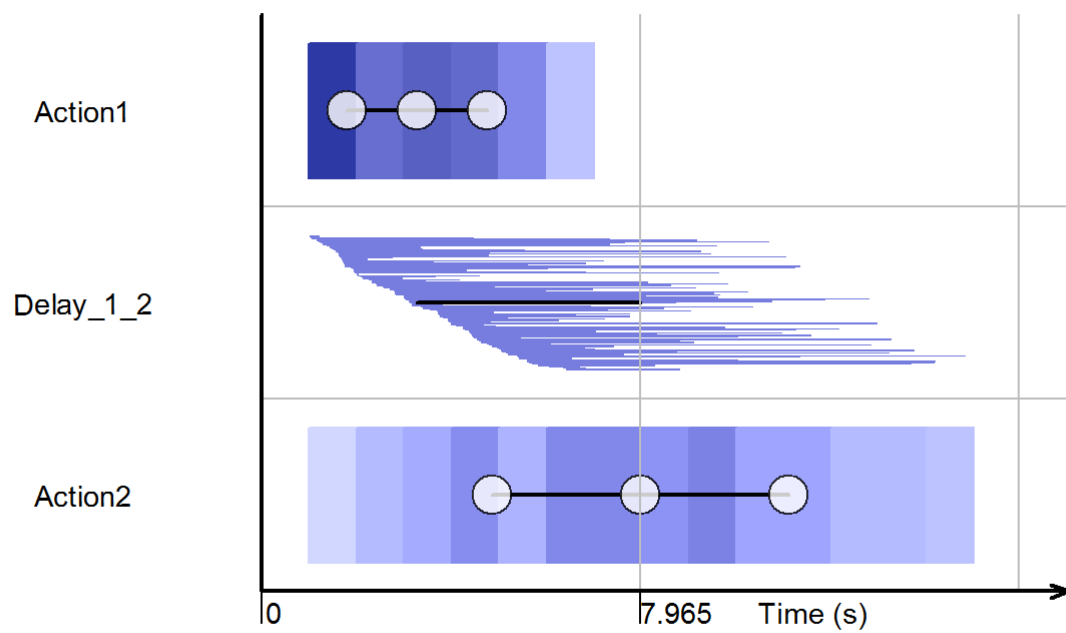
Done



Mean of the span



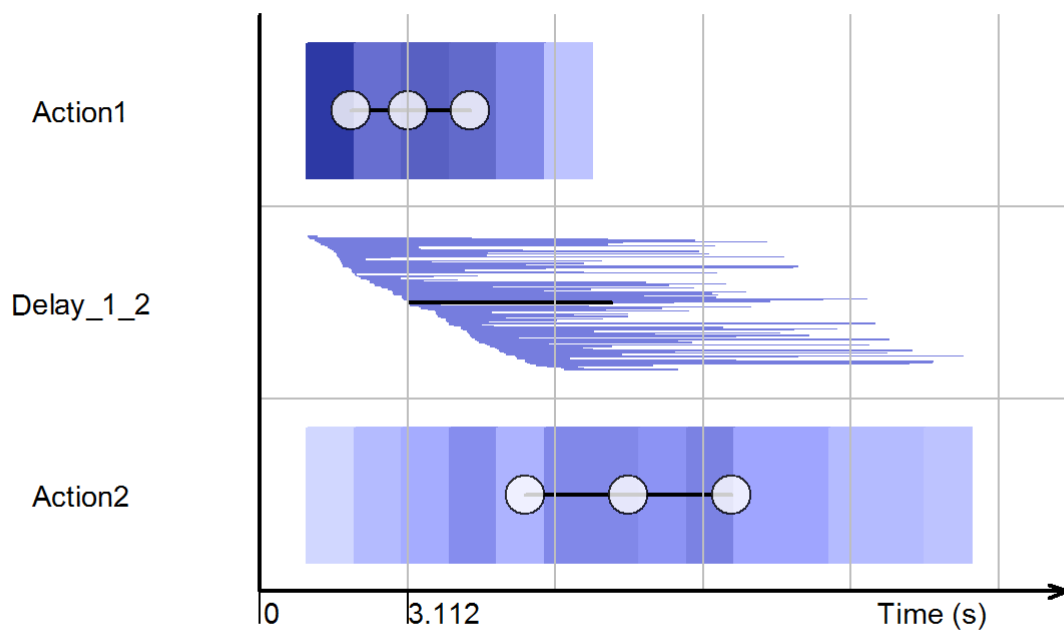
```
plot(vi, scal.unit.tps = 7.965 )
```



```
vi <- visielse( X=data, book=book, pixel= 1, informer="median",doplot=FALSE)
```

```
## Warning in .local(.Object, ...): No green zone defined for punctuals actions
##
```

```
plot(vi, scal.unit.tps = 3.112)
```

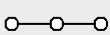


Punctual Action

N : 1 -> 29



Median Q1-Q3

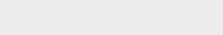


Long Action

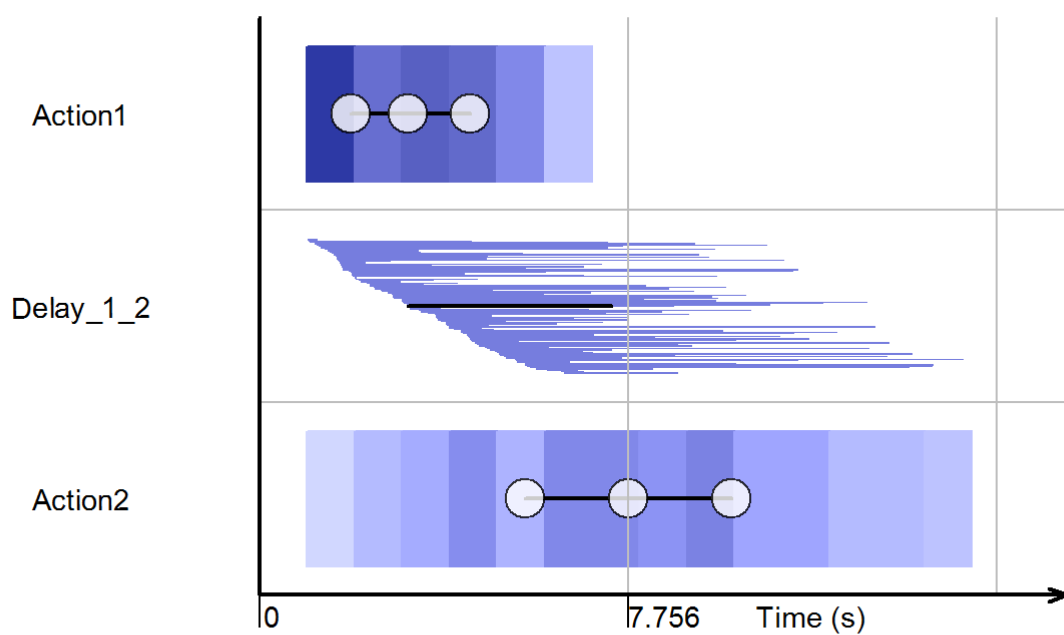
Done



Median of the span



```
plot(vi, scal.unit.tps = 7.756 )
```

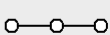


Punctual Action

N : 1 -> 29



Median Q1-Q3



Long Action

Done



Median of the span

