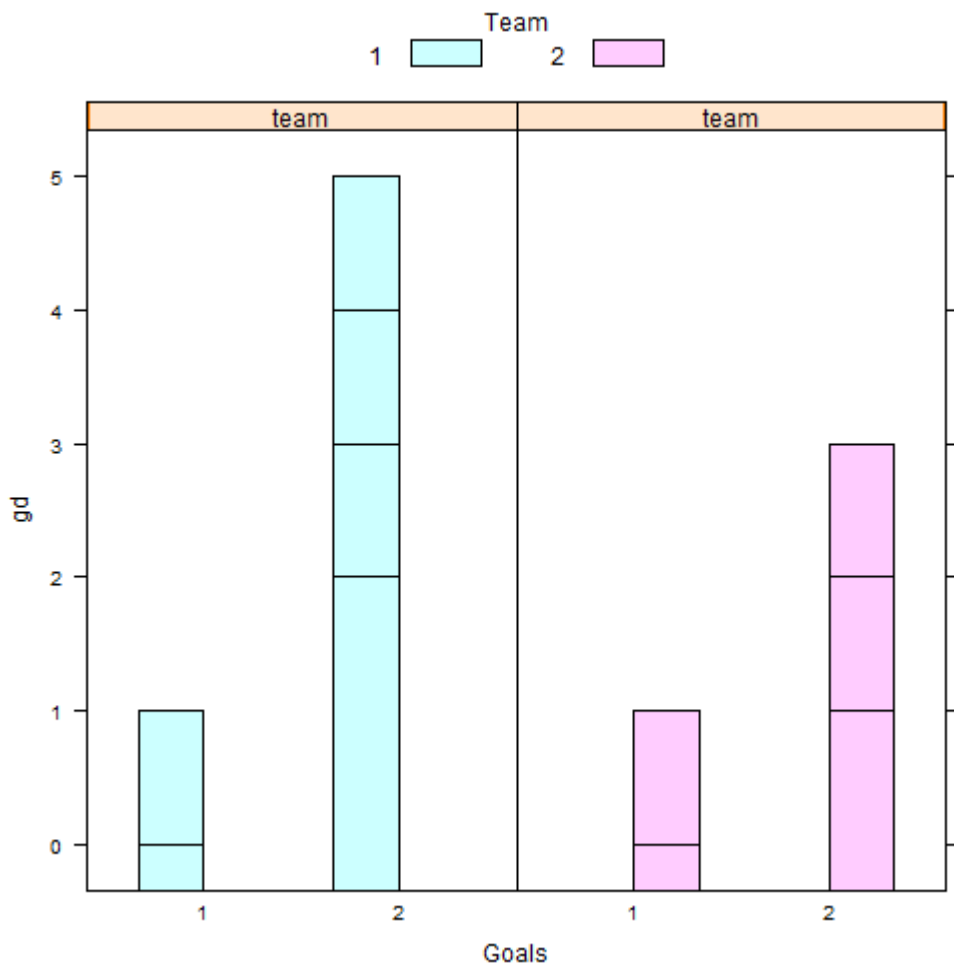


Lattice part 1 solutions

Below are the solutions to [these](#) exercises on lattice.

```
#####  
#           #  
# Exercise 1 #  
#           #  
#####
```

```
library(lattice)  
dataset <-  
read.csv("http://www.r-exercises.com/wp-content/uploads/2016/04/dataset.csv", sep=";")  
attach(dataset)  
barchart(gd ~ win  
|team, groups=team, xlab="Goals", box.ratio=2, horizontal=F, auto.key=list(space="top", columns=2,  
title="Team", cex.title=1))
```



```
#####
```

```
# #
```

```
# Exercise 2 #
```

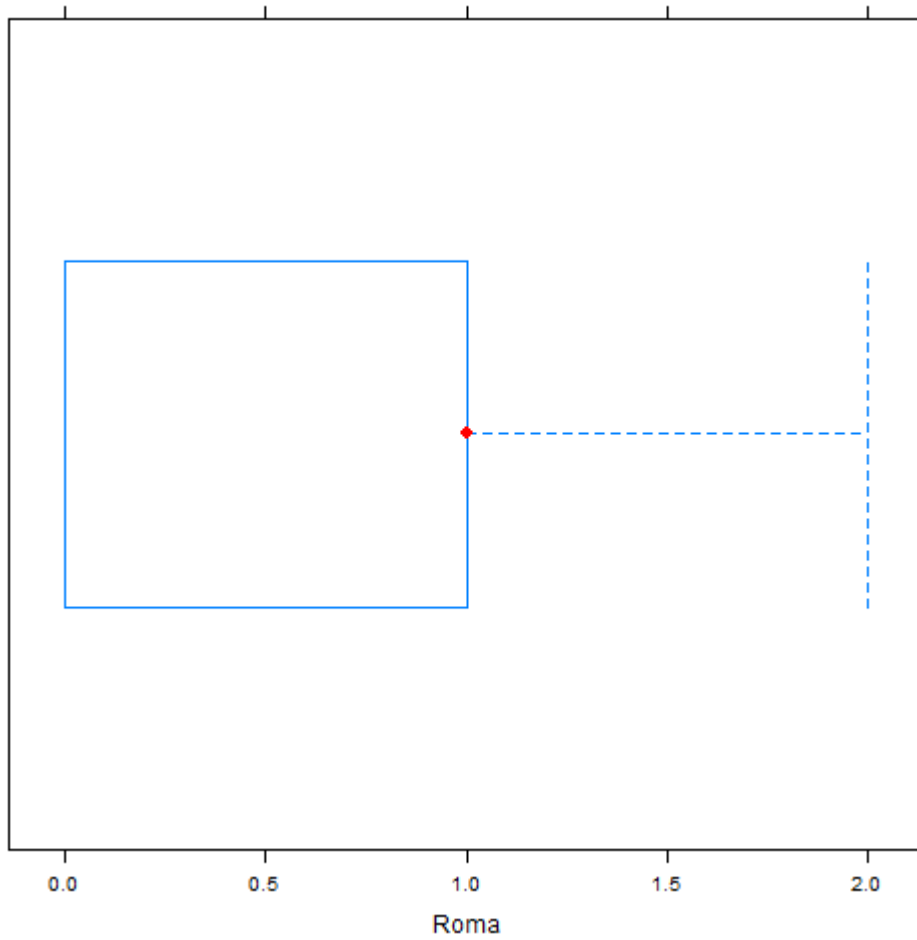
```
# #
```

```
#####
```

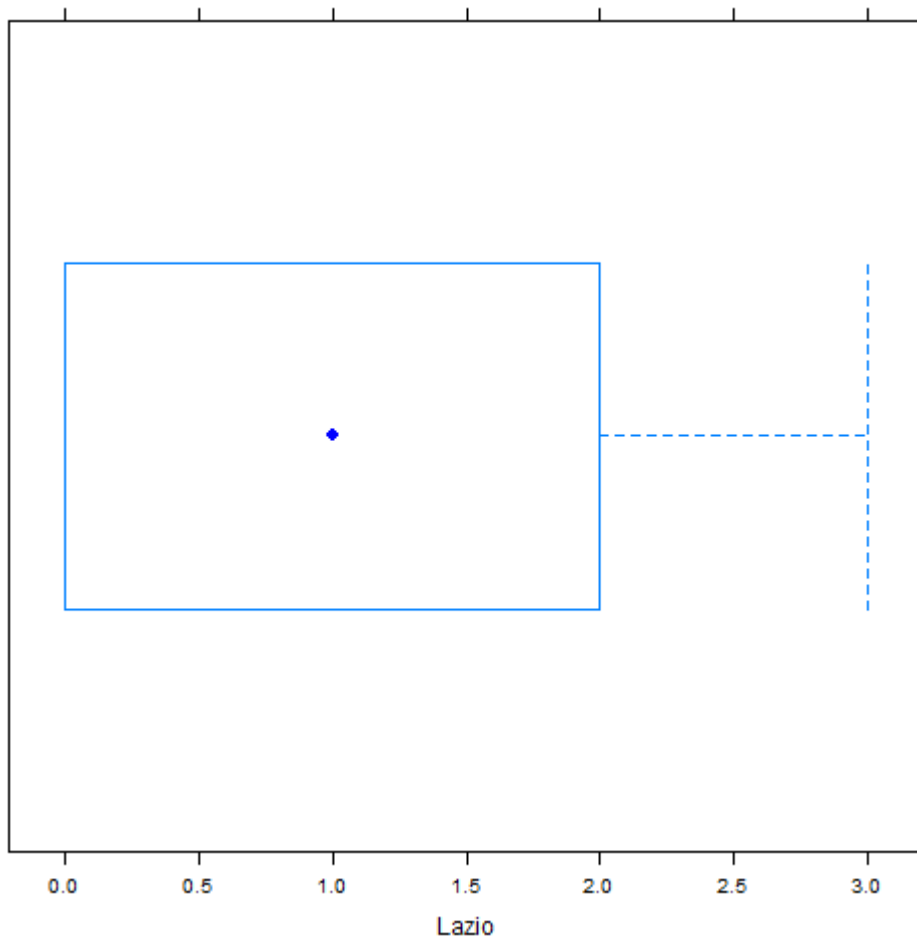
```
Team1<-subset(dataset,team==1)
```

```
Team2<-subset(dataset,team==2)
```

```
bwplot(Team1$gs,col=2)
```

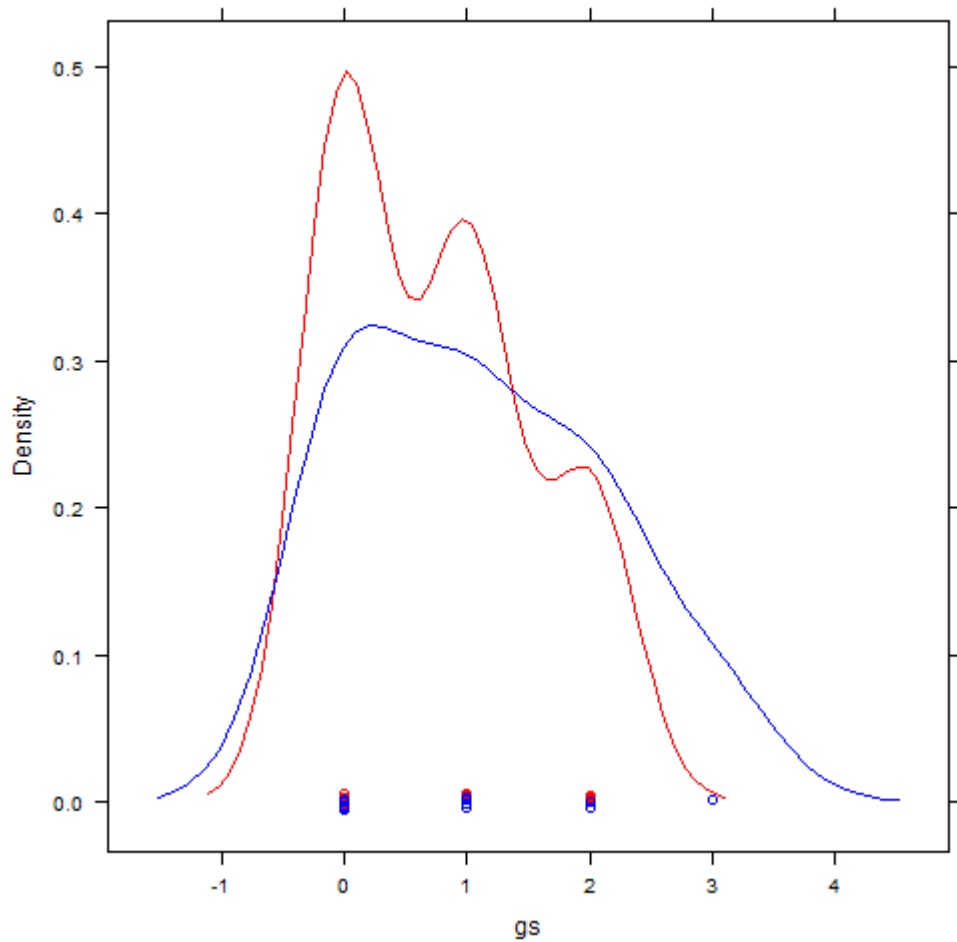


```
bwplot(Team2$gs, col=4)
```



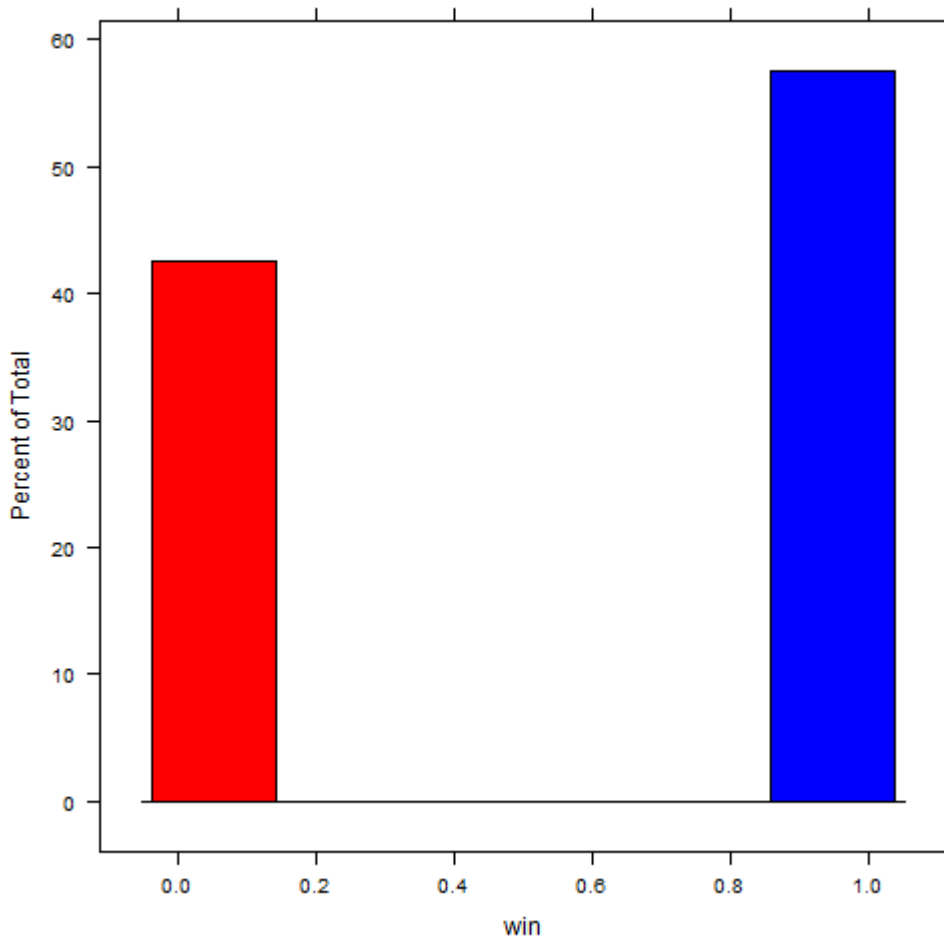
```
#####  
#           #  
# Exercise 3 #  
#           #  
#####
```

```
densityplot(gs,group=team,col=c(2,4))
```



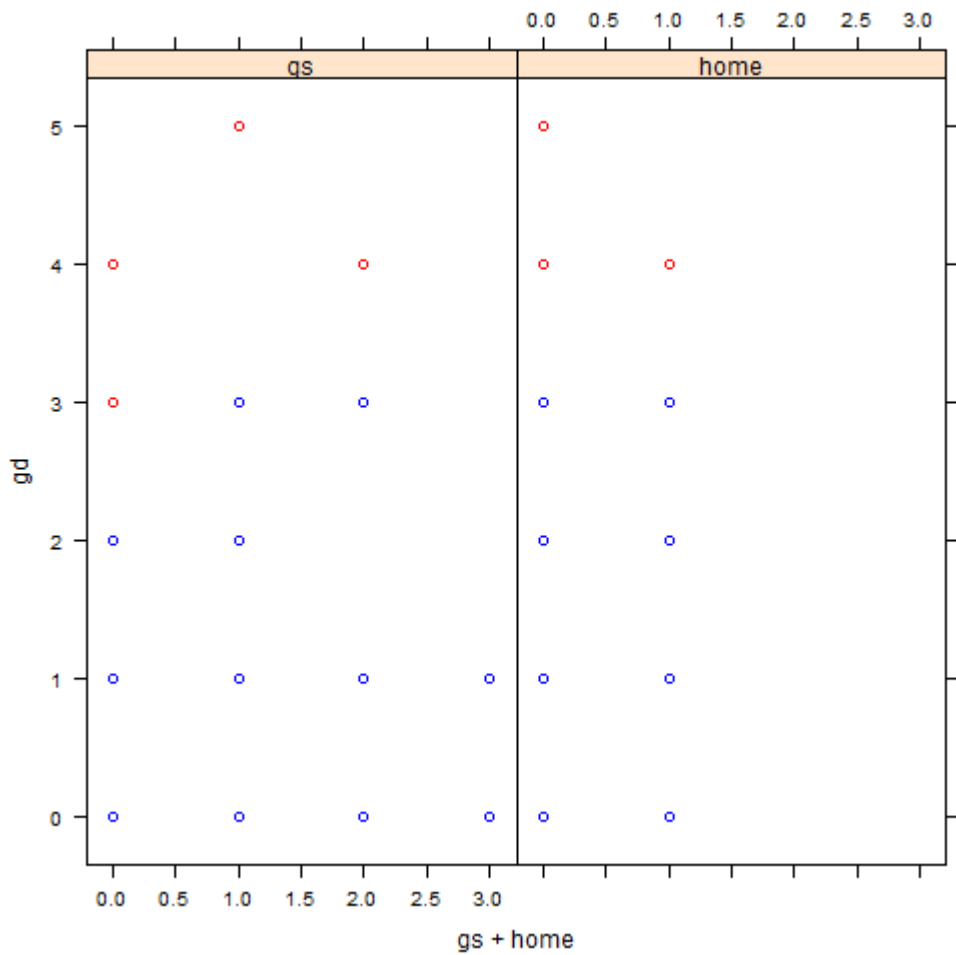
```
#####
#           #
# Exercise 4 #
#           #
#####
```

```
histogram(win,group=team,col=c(2,4))
```



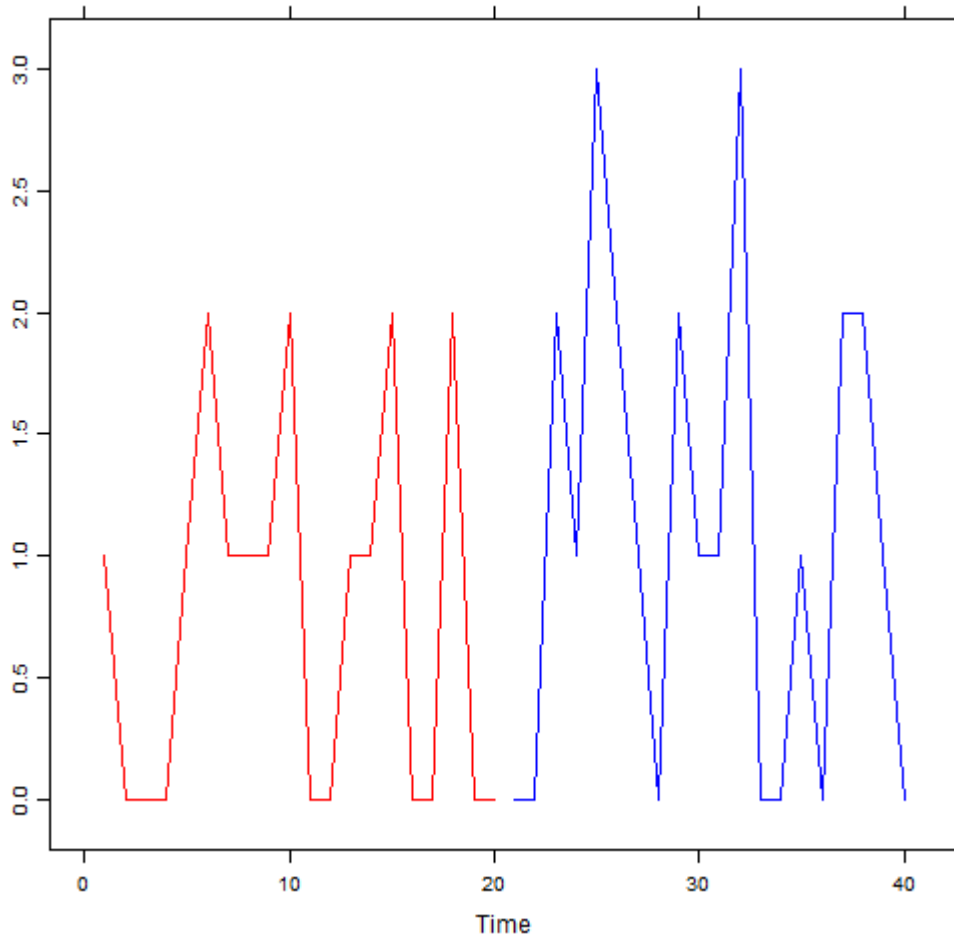
```
#####
#           #
# Exercise 5 #
#           #
#####
```

```
xyplot(gd ~ gs+home,group=team,col=c(2,4),data=dataset)
```

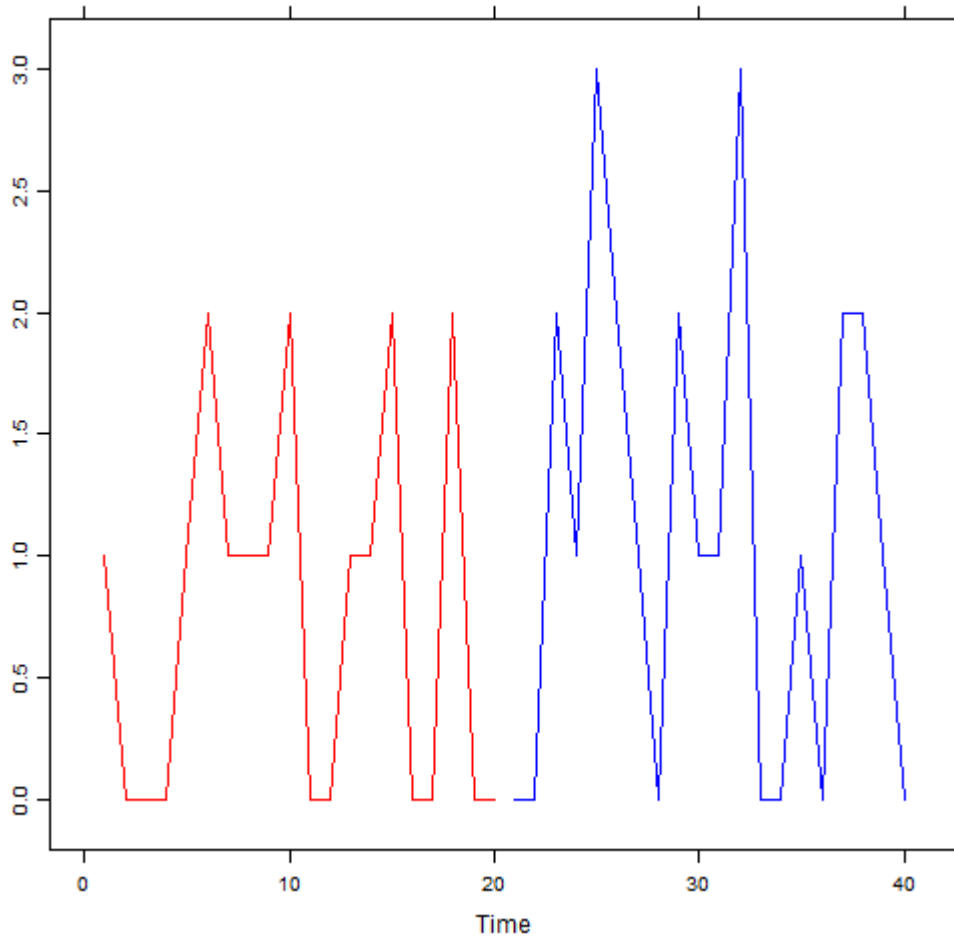


```
#####
#           #
# Exercise 6 #
#           #
#####
```

```
xyplot.ts(gs, screens=c(1,2), group=team, col=c(2,4))
```

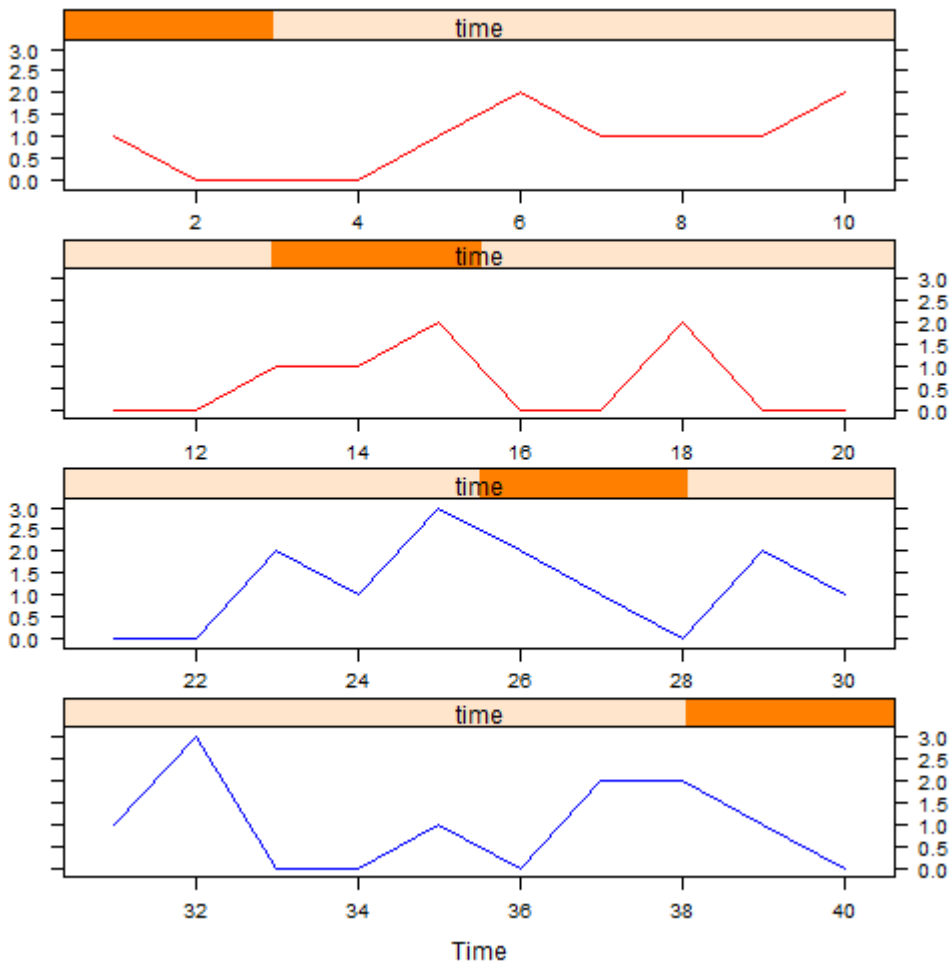


```
xyplot.ts(gs,screens=c(1,2),group=team,col=c(2,4))
```

```
#####
#           #
# Exercise 7 #
#           #
#####
```

```
xyplot.ts(gs,screens=c(2,4),group=team,col=c(2,4),cut      =
list(number = 4, overlap = 0.05))
```



```
#####
#           #
# Exercise 8 #
#           #
#####
```

```
qq(win ~ gs+inj,group=team,col=c(2,4),data=dataset)
```

