

Cannabis consumption dynamics of INCANT Study

Thomas Gargot

18 avril 2016

```
TLFB <- read.csv("/Users/Ofix/Documents/Fac/internat/Recherche/projets/synchro/synchroData/INCANT/Data/
```

With the graphs below, I chose : F1002+++, F1073+++, F1069++ and F1101++

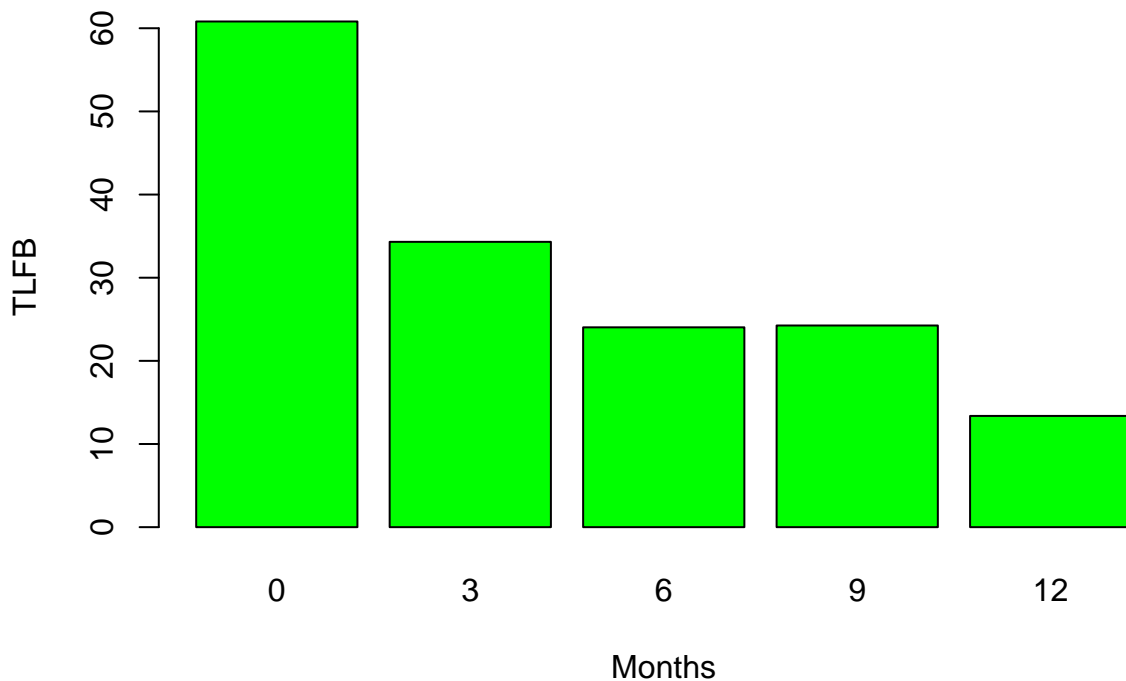
I excluded F2010, F2013 since the configuration was too poor (overlapping subjects).

```
str(TLFB)
```

```
## 'data.frame': 32 obs. of 7 variables:
## $ X : int 1 2 3 4 5 6 7 8 9 10 ...
## $ data.Case : Factor w/ 32 levels "F1002","F1007",...: 1 2 3 4 5 6 7 8 9 10 ...
## $ data.Q18_3_0 : int 90 40 45 90 45 78 20 82 42 88 ...
## $ data.Q18_3_3 : int 59 39 47 43 86 88 38 40 38 88 ...
## $ data.Q18_3_6 : int 59 90 -99 48 80 90 16 73 9 82 ...
## $ data.Q18_3_9 : int 54 60 3 90 90 90 43 75 21 74 ...
## $ data.Q18_3_12: int 30 5 -99 90 62 90 14 85 20 81 ...
```

```
barplot(c(mean(TLFB$data.Q18_3_0), mean(TLFB$data.Q18_3_3), mean(TLFB$data.Q18_3_6), mean(TLFB$data.Q18_3_9),
of the 32 subjects of the INCANT Study", col="green", xlab="Months", ylab="TLFB")
```

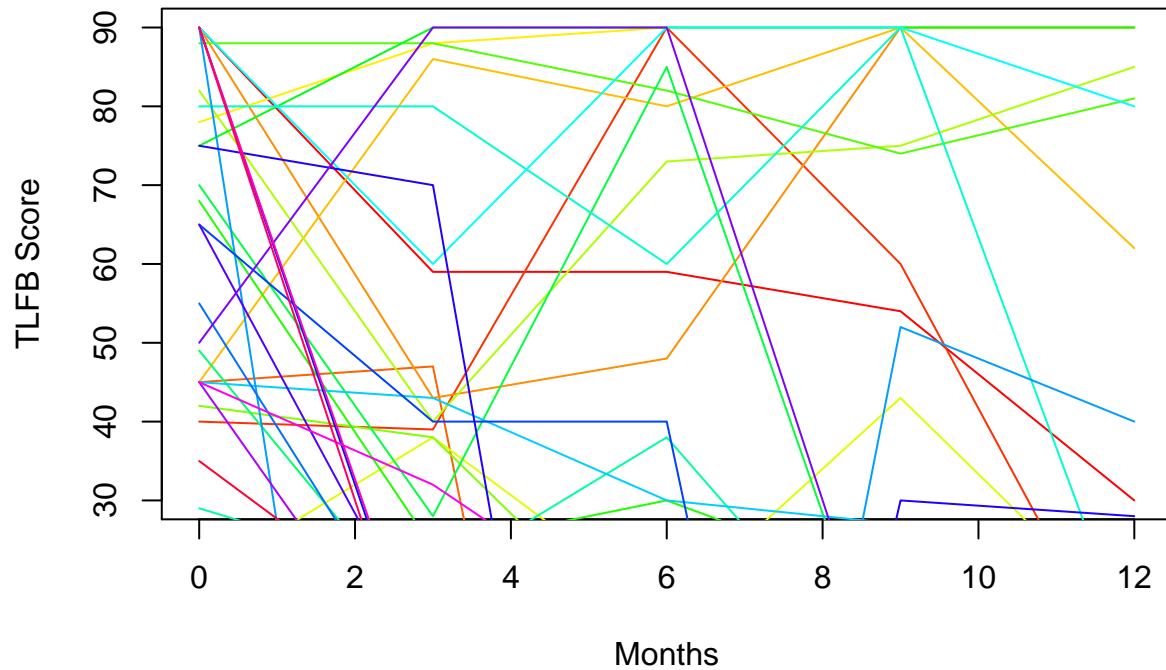
**Mean evolution of cannabis consumption
of the 32 subjects of the INCANT Study**



```
v <- as.numeric(as.vector(TLFB[1,c(3:7)]))
plot(c(0,3,6,9,12), v, type="l", col=rainbow(nrow(TLFB))[1], main="Evolution of cannabis consumption
of the 32 subjects of the INCANT Study", xlab="Months", ylab="TLFB Score")
for (i in 2:nrow(TLFB)){
```

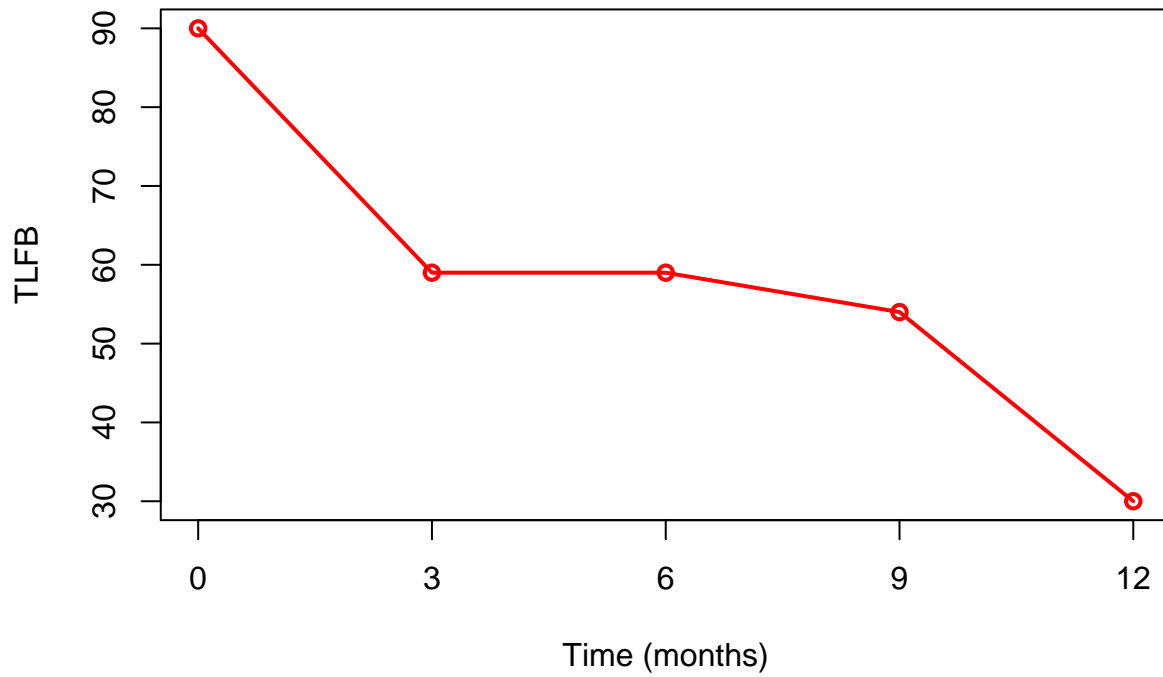
```
# print(i)
v <- as.numeric(as.vector(TLFB[i,c(3:7)]))
# print(v)
lines(c(0,3,6,9,12), v, type="l", col=rainbow(nrow(TLFB))[i])}
```

Evolution of cannabis consumption of the 32 subjects of the INCANT Study

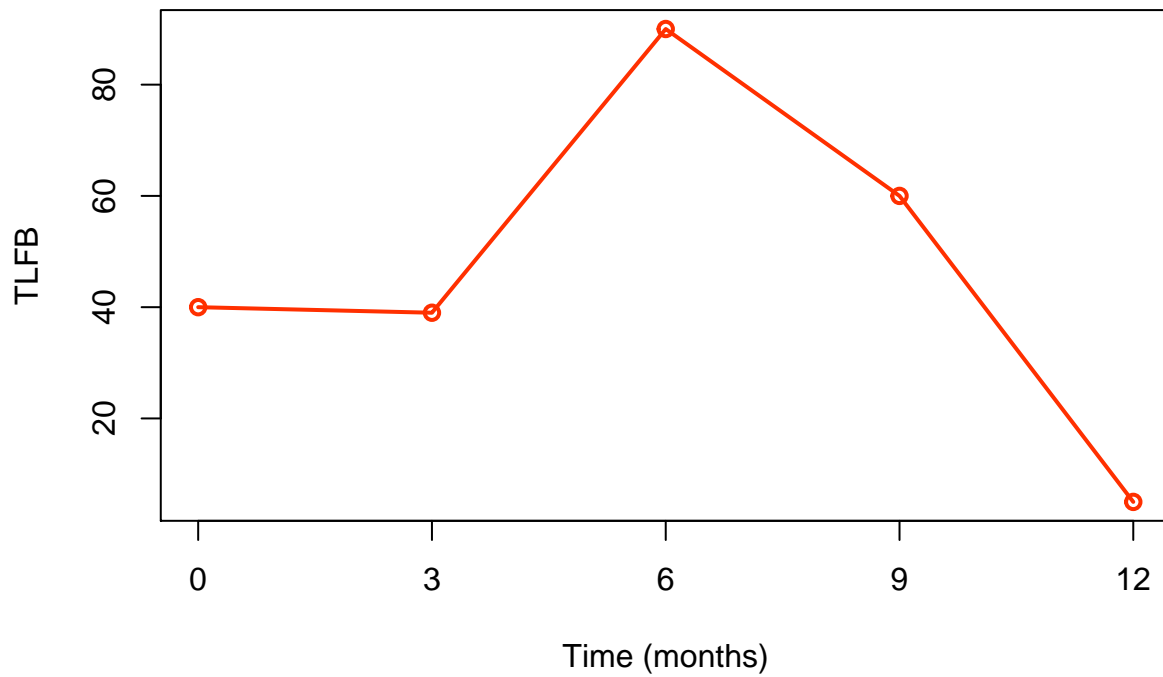


```
for (i in 1:nrow(TLFB)){
  v <- as.numeric(as.vector(TLFB[i,c(3:7)]))
  plot(c(0,3,6,9,12), v, type="o", col=rainbow(nrow(TLFB))[i], xlab="Time (months)", ylab="TLFB", xaxt="n", yaxt="n")
  axis(1, at=c(0,3,6,9,12))}
```

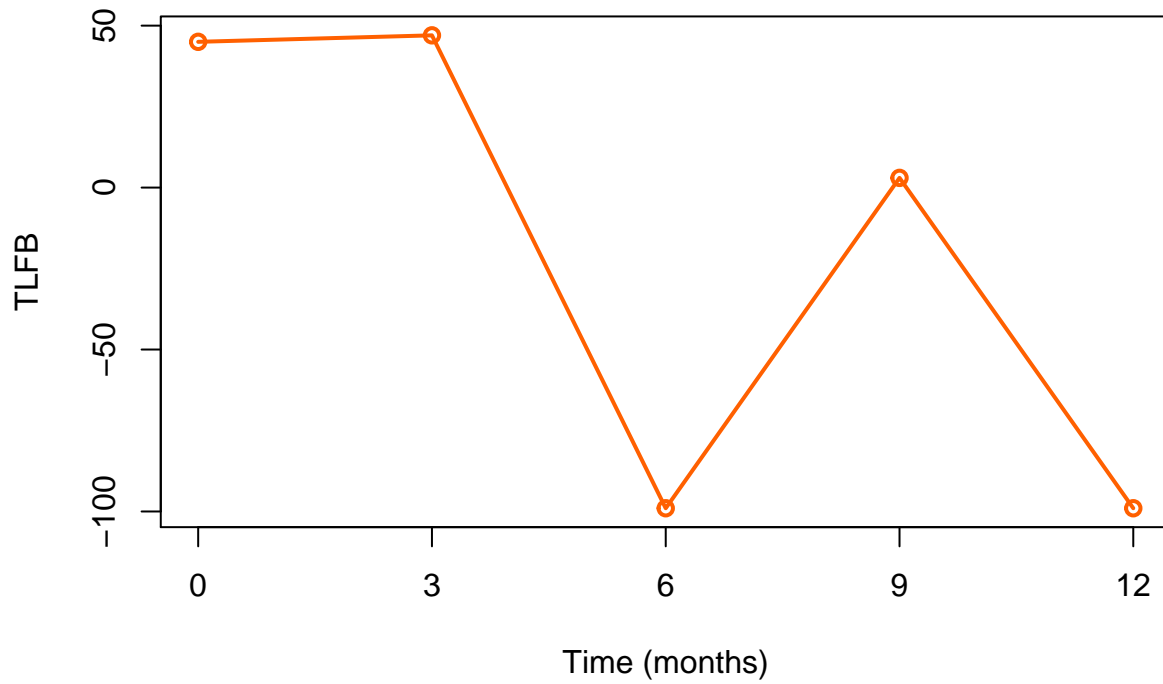
Evolution of cannabis consumption for F1002 subject



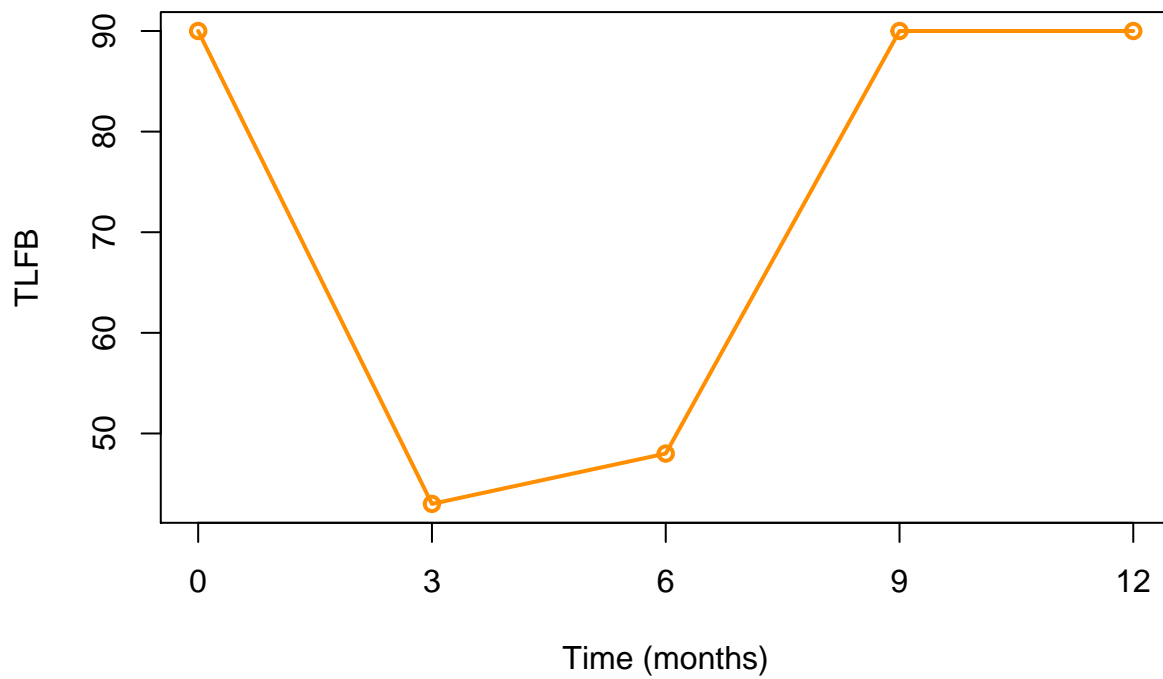
Evolution of cannabis consumption for F1007 subject



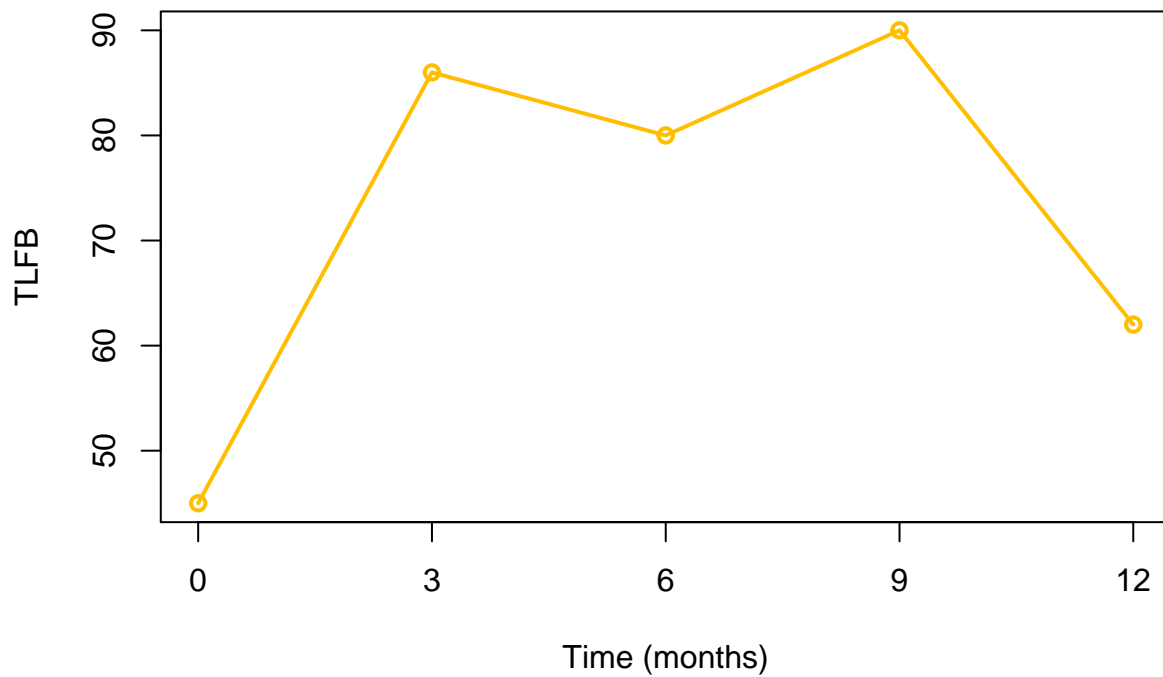
Evolution of cannabis consumption for F1009 subject



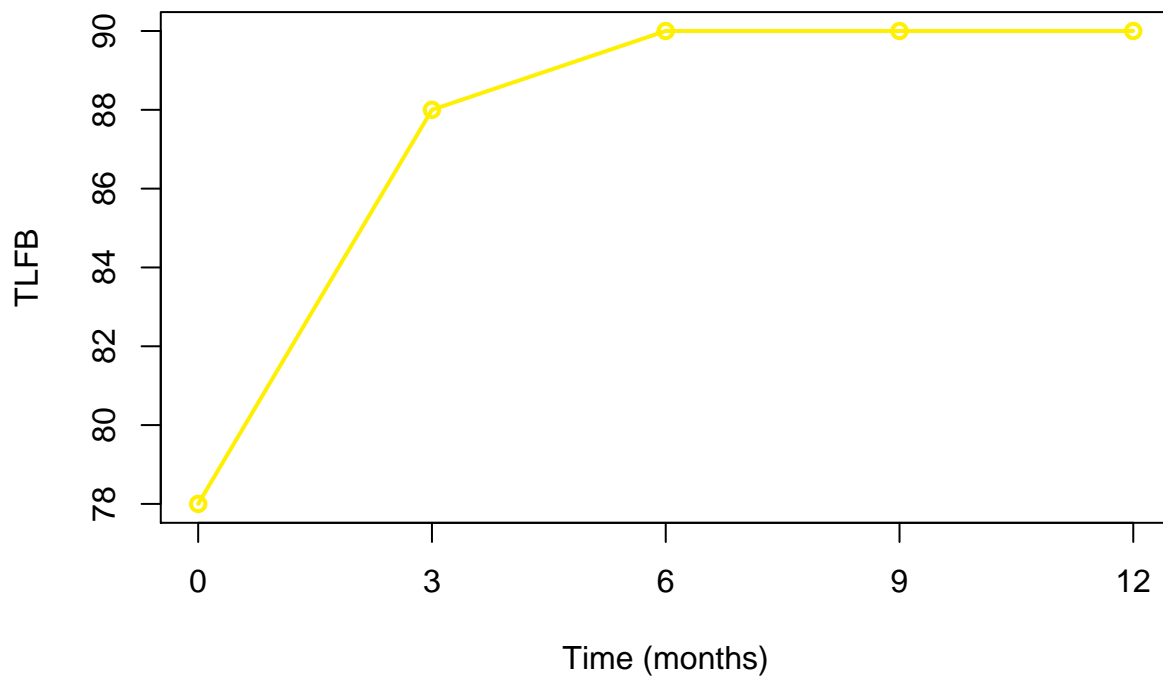
Evolution of cannabis consumption for F1014 subject



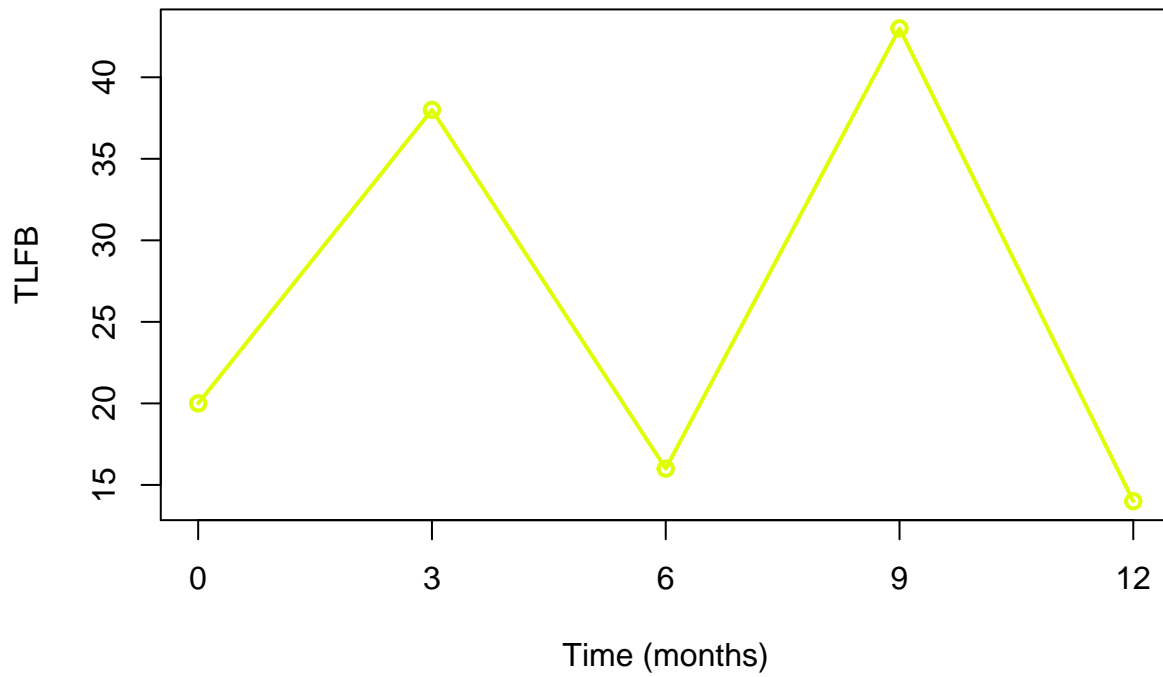
Evolution of cannabis consumption for F1019 subject



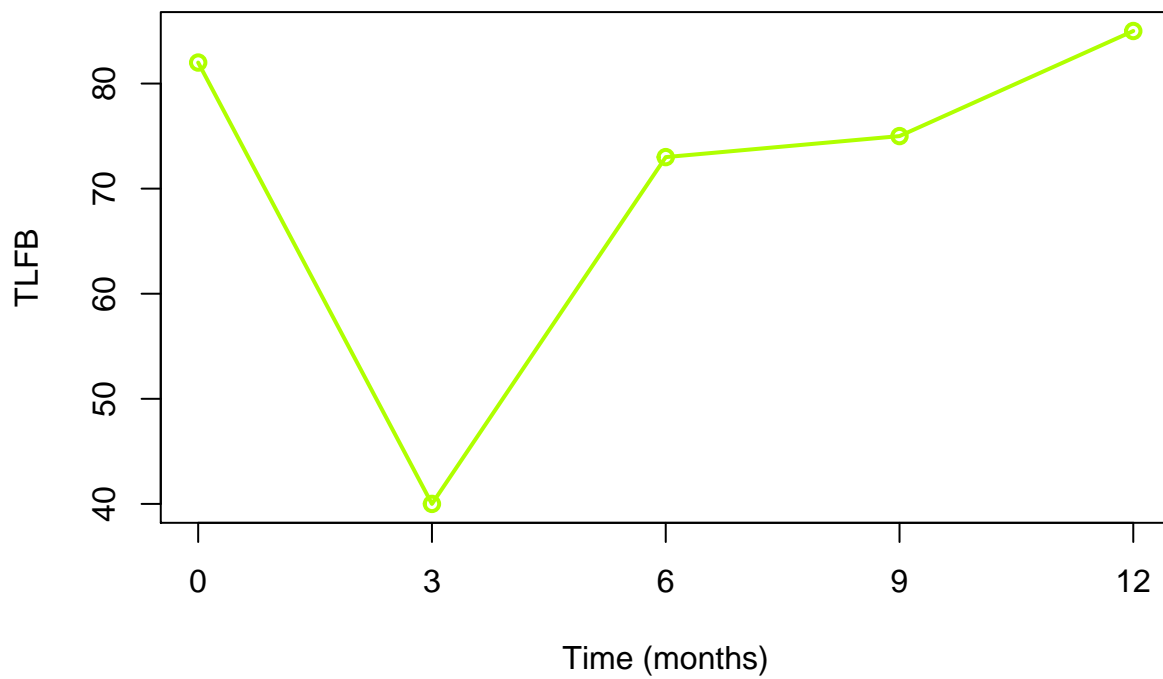
Evolution of cannabis consumption for F1023 subject



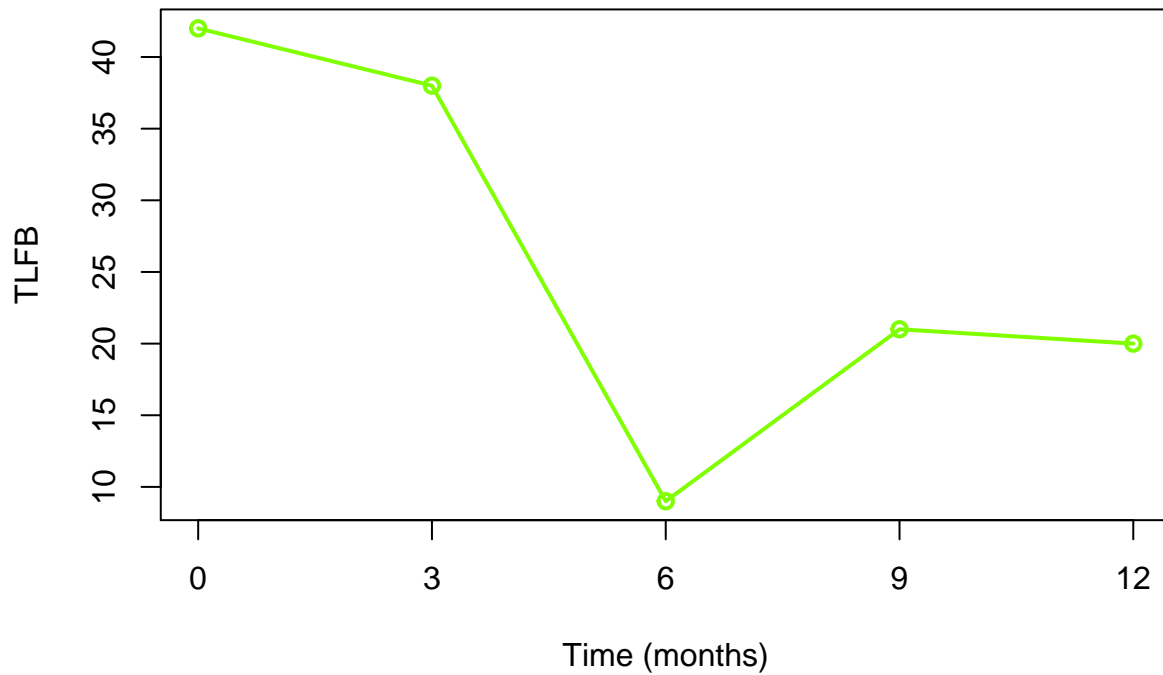
Evolution of cannabis consumption for F1027 subject



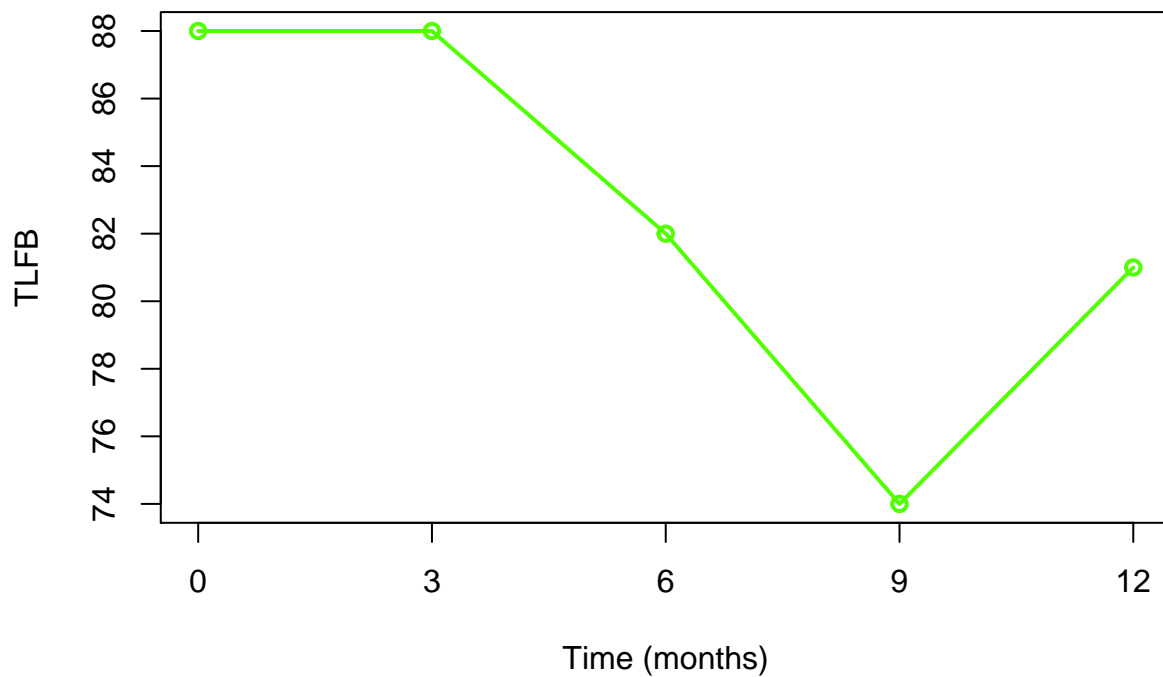
Evolution of cannabis consumption for F1044 subject



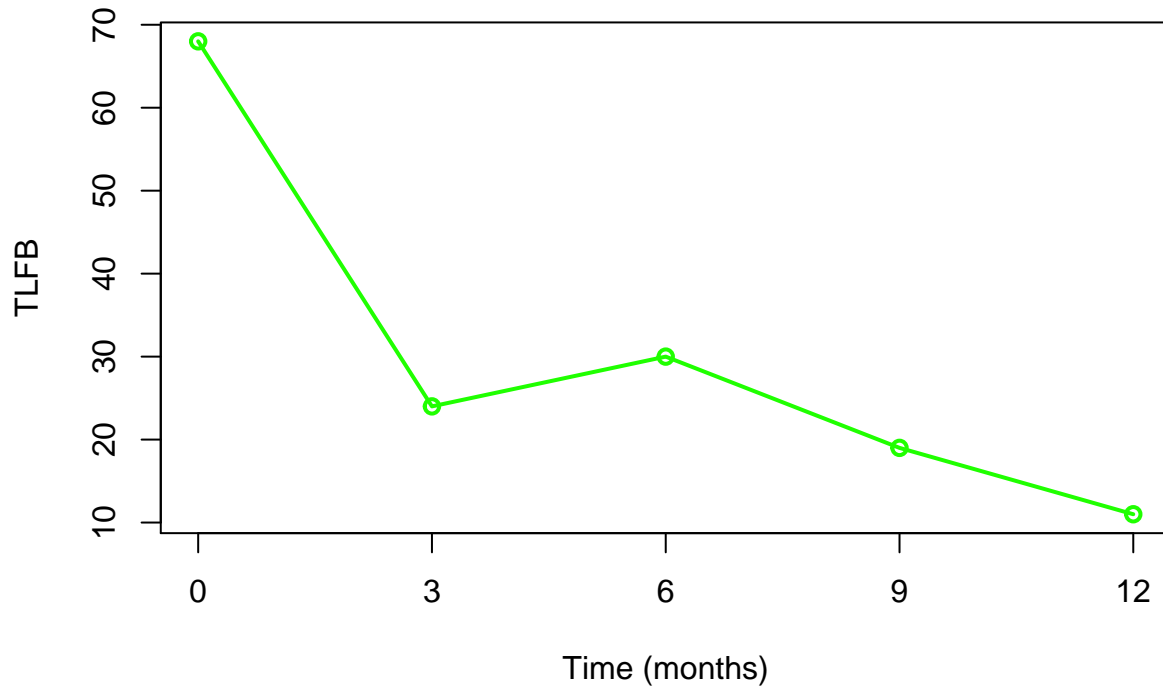
Evolution of cannabis consumption for F1069 subject



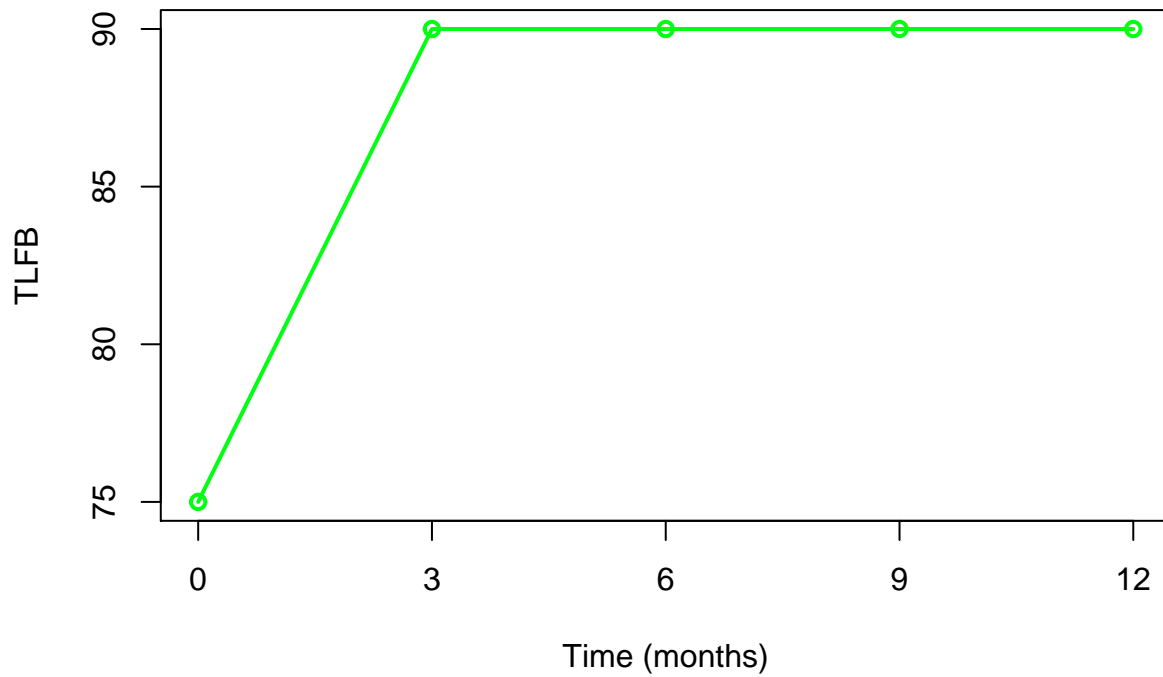
Evolution of cannabis consumption for F1070 subject



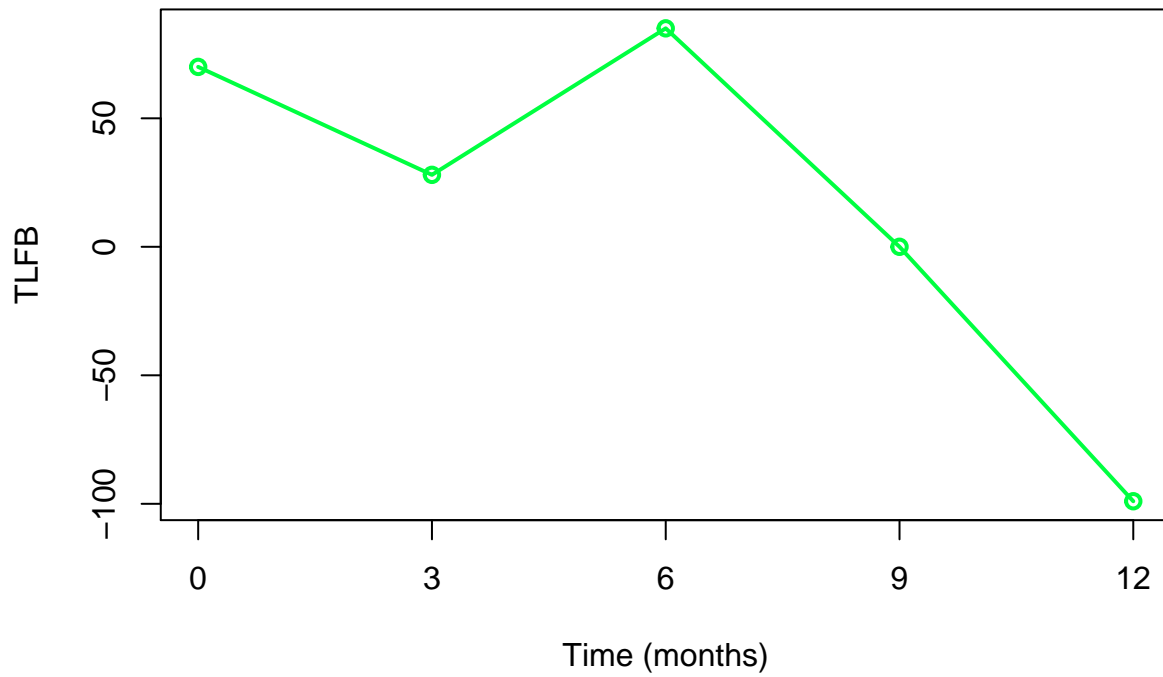
Evolution of cannabis consumption for F1073 subject



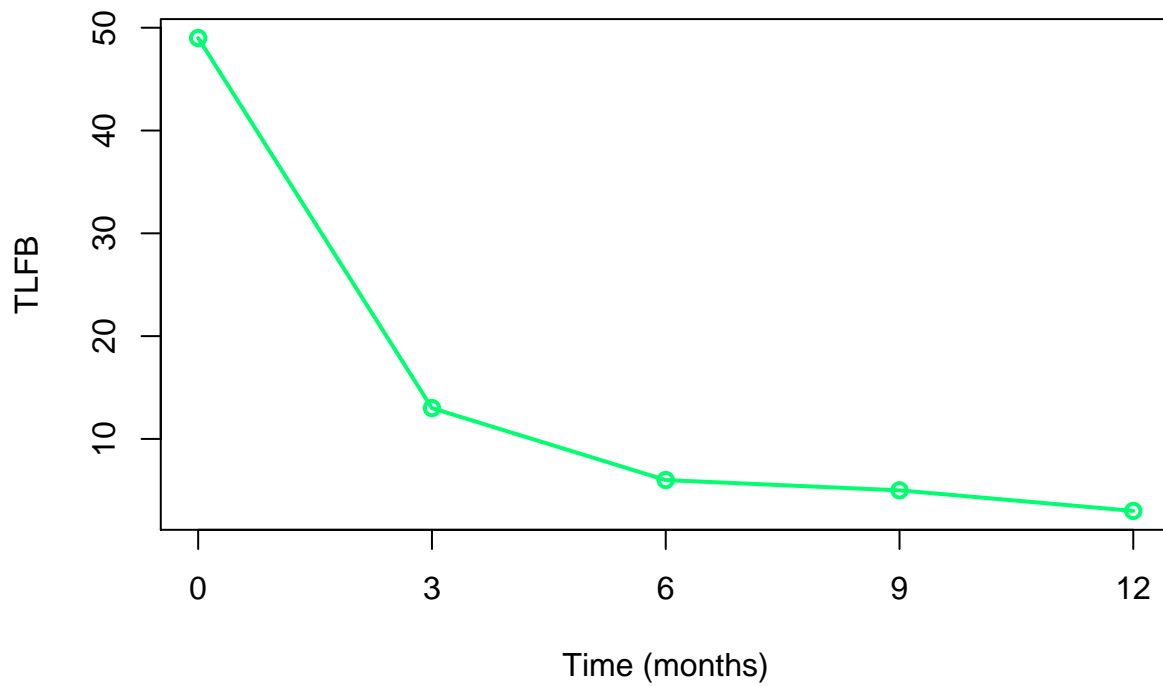
Evolution of cannabis consumption for F1085 subject



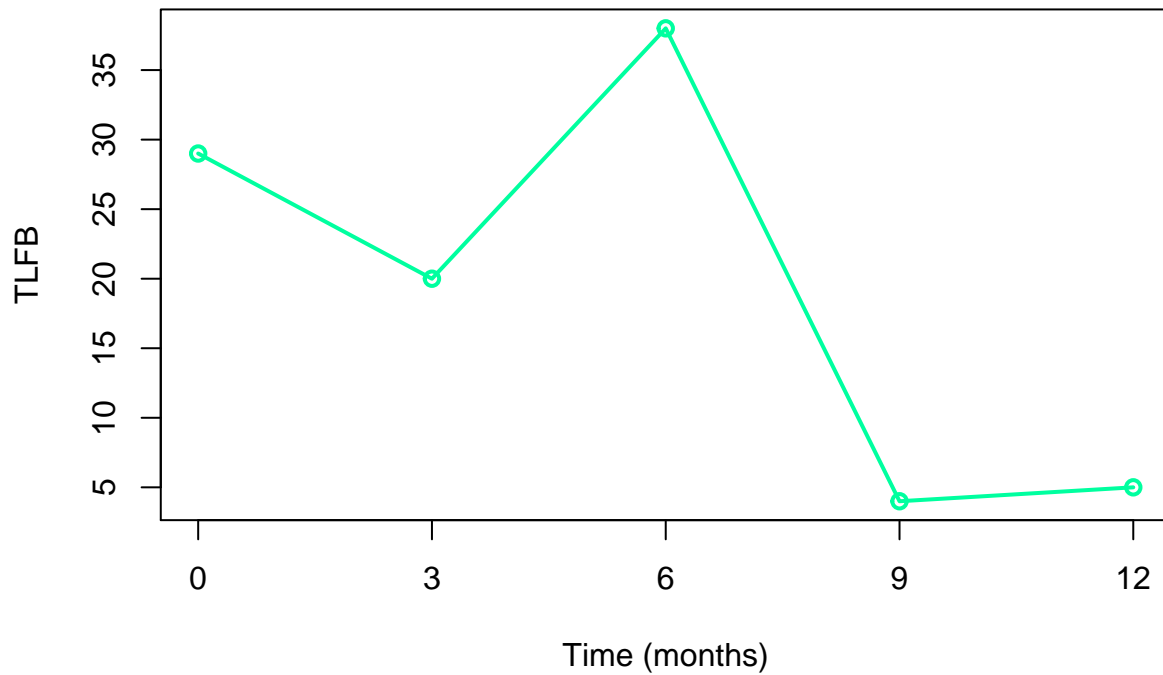
Evolution of cannabis consumption for F1098 subject



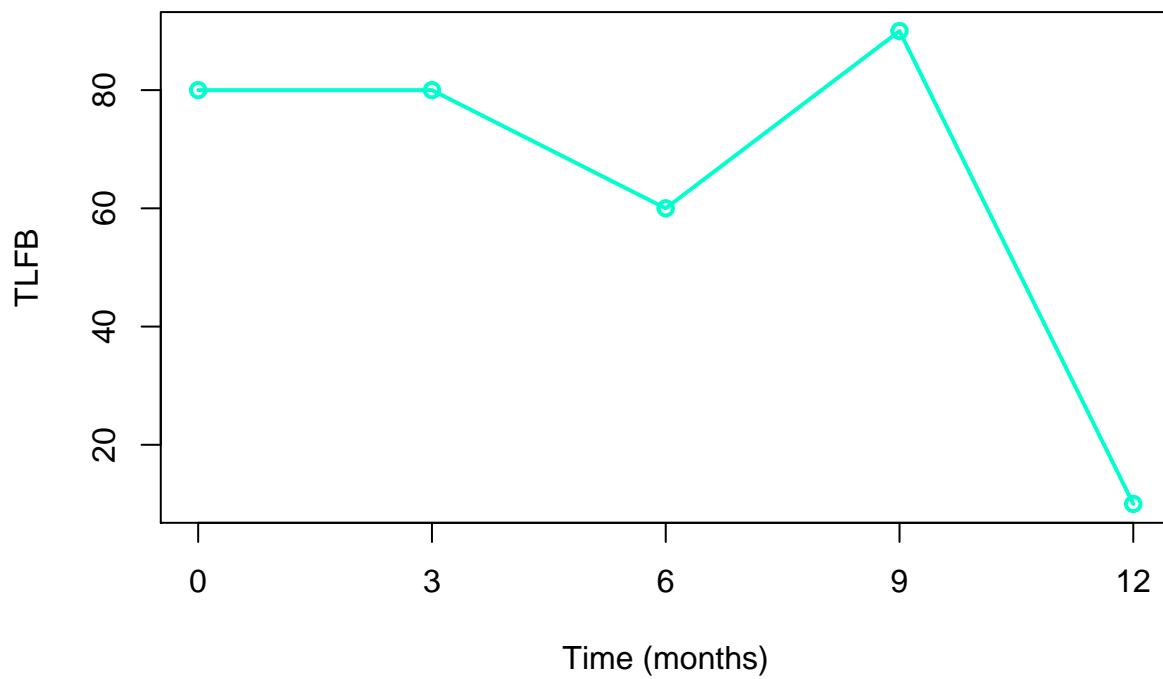
Evolution of cannabis consumption for F1101 subject



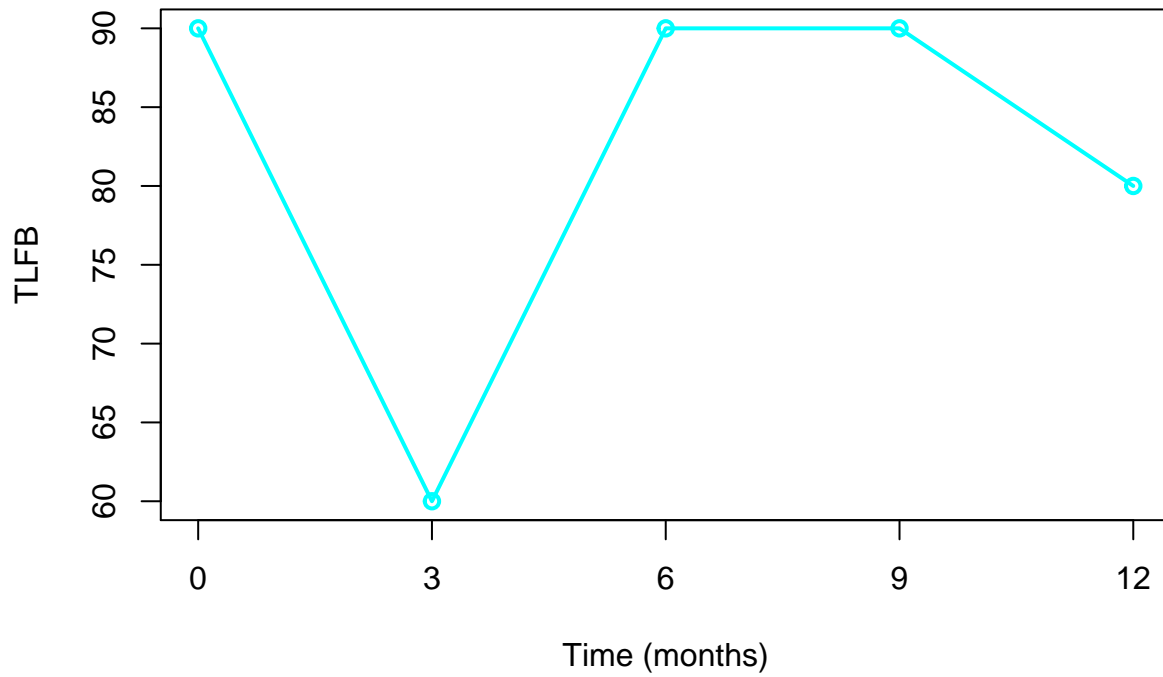
Evolution of cannabis consumption for F1104 subject



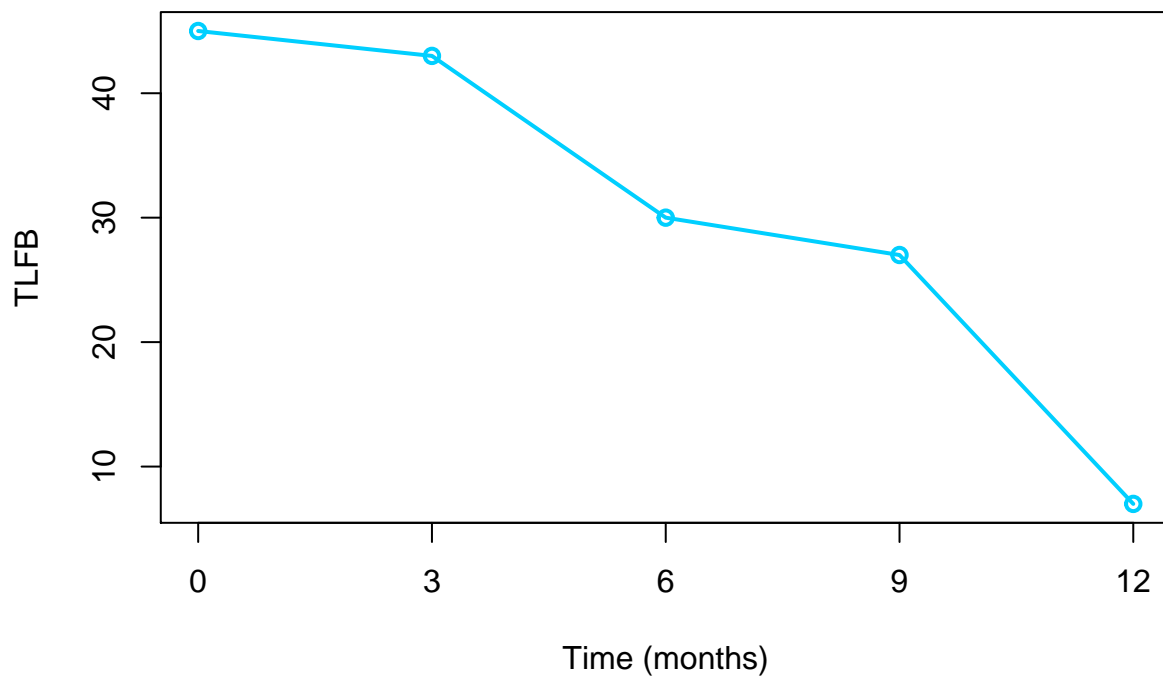
Evolution of cannabis consumption for F1112 subject



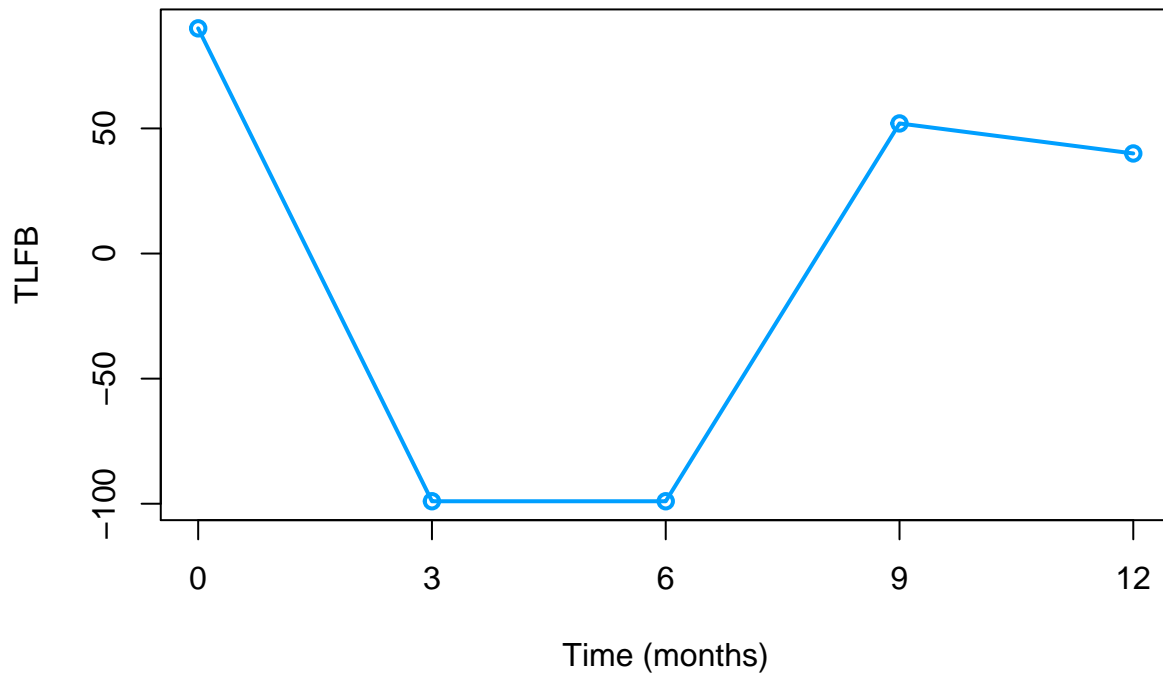
Evolution of cannabis consumption for F1113 subject



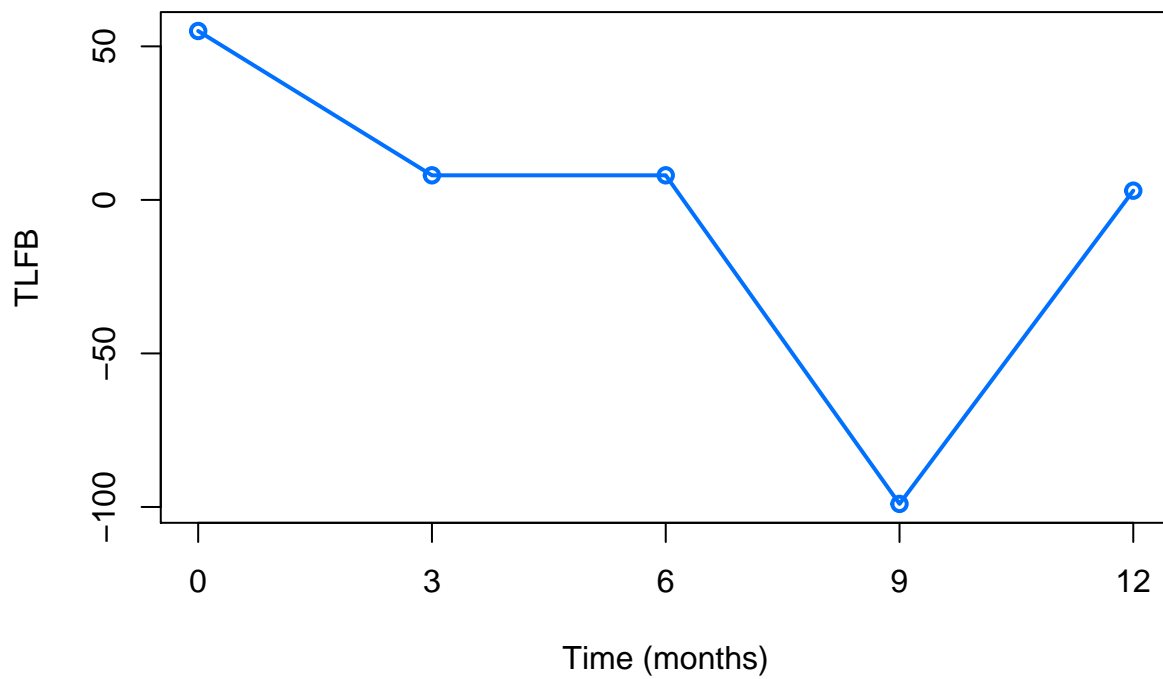
Evolution of cannabis consumption for F1117 subject



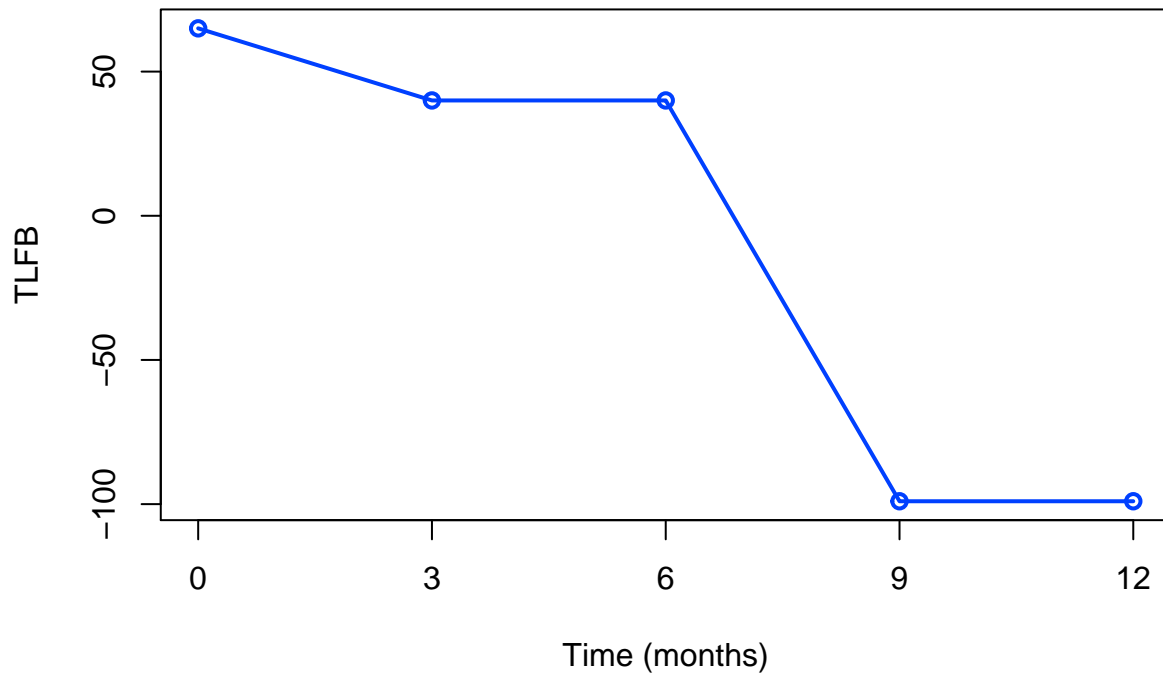
Evolution of cannabis consumption for F1120 subject



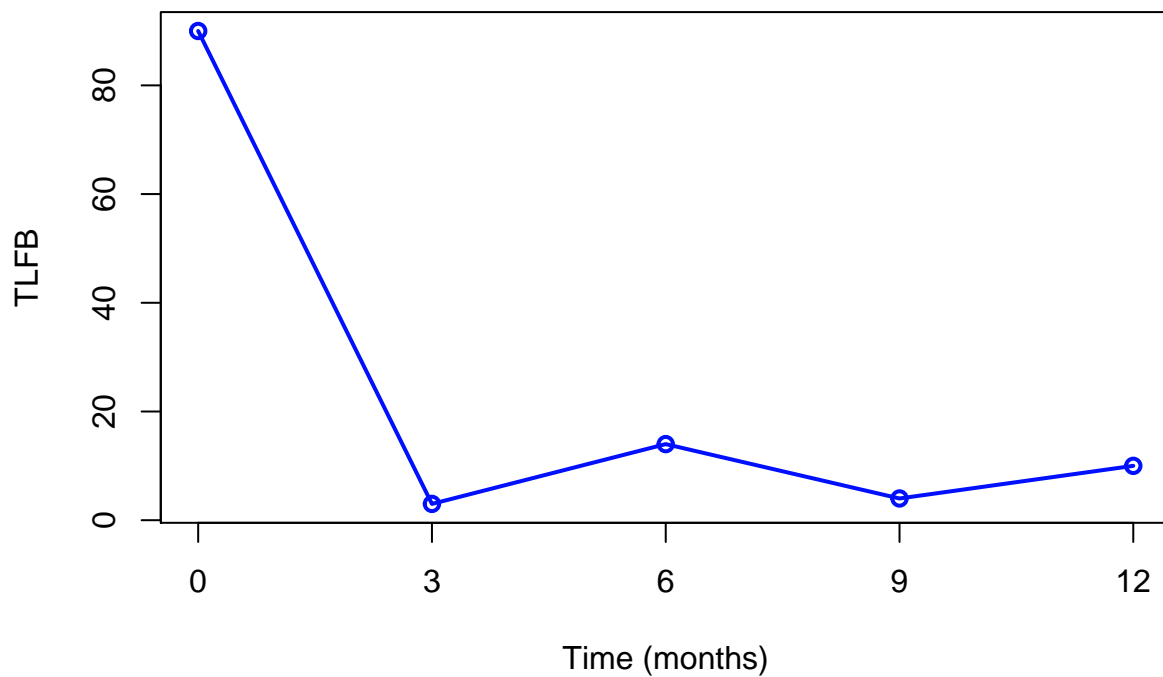
Evolution of cannabis consumption for F2003 subject



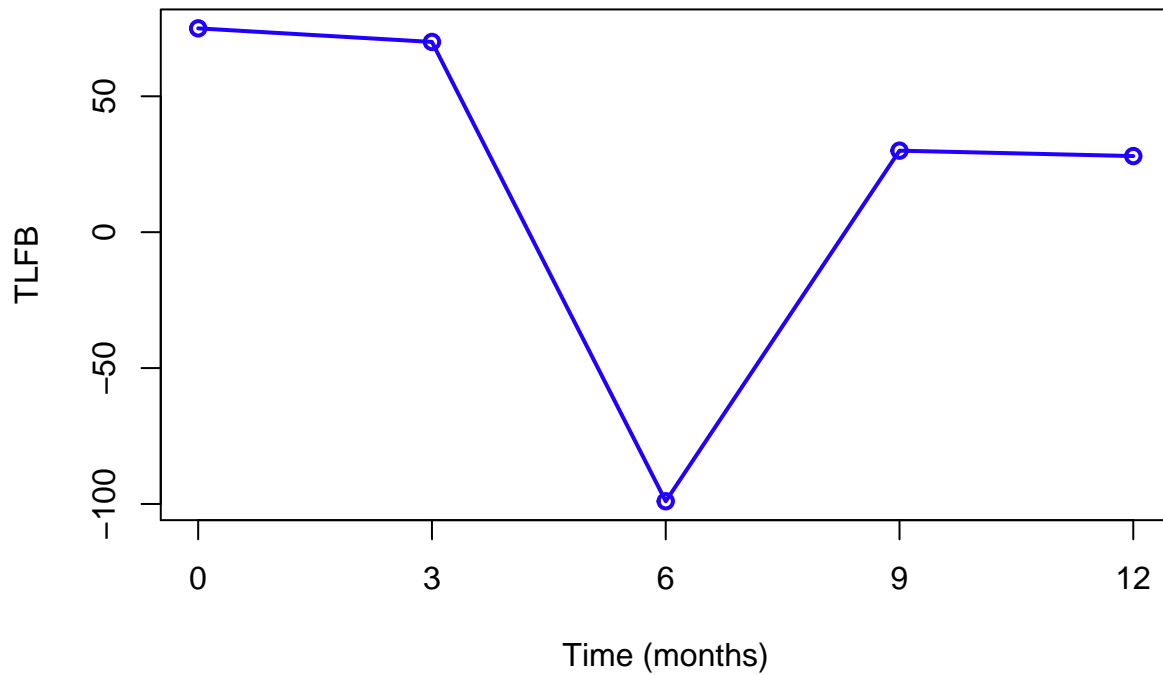
Evolution of cannabis consumption for F2005 subject



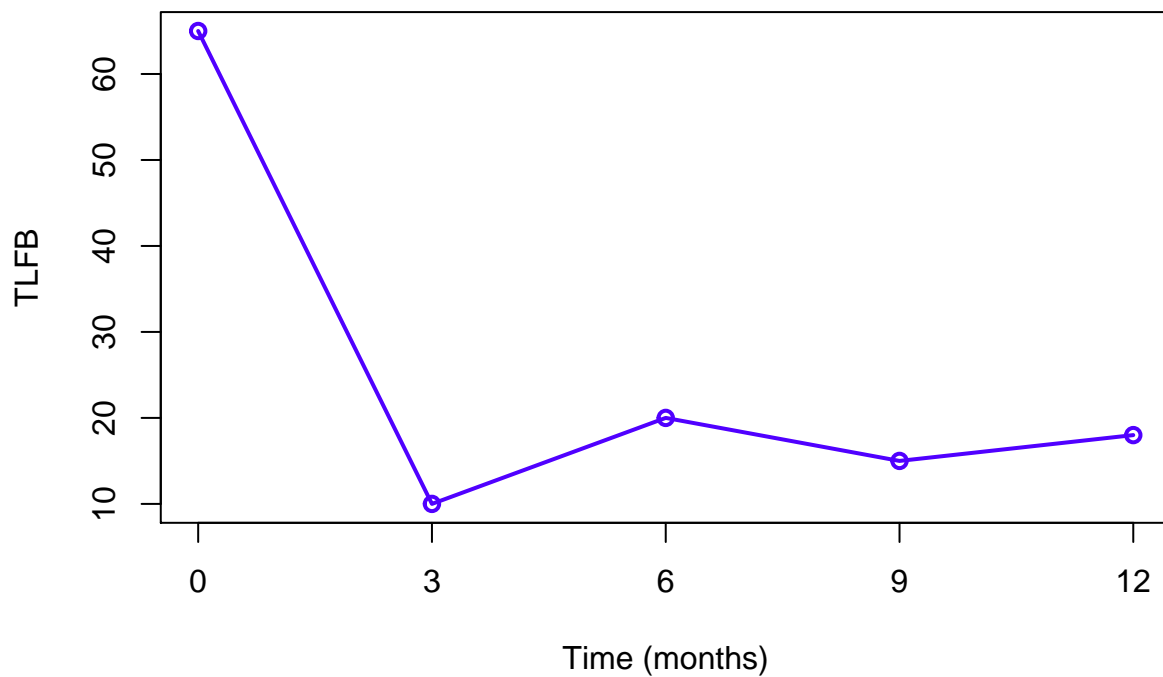
Evolution of cannabis consumption for F2010 subject



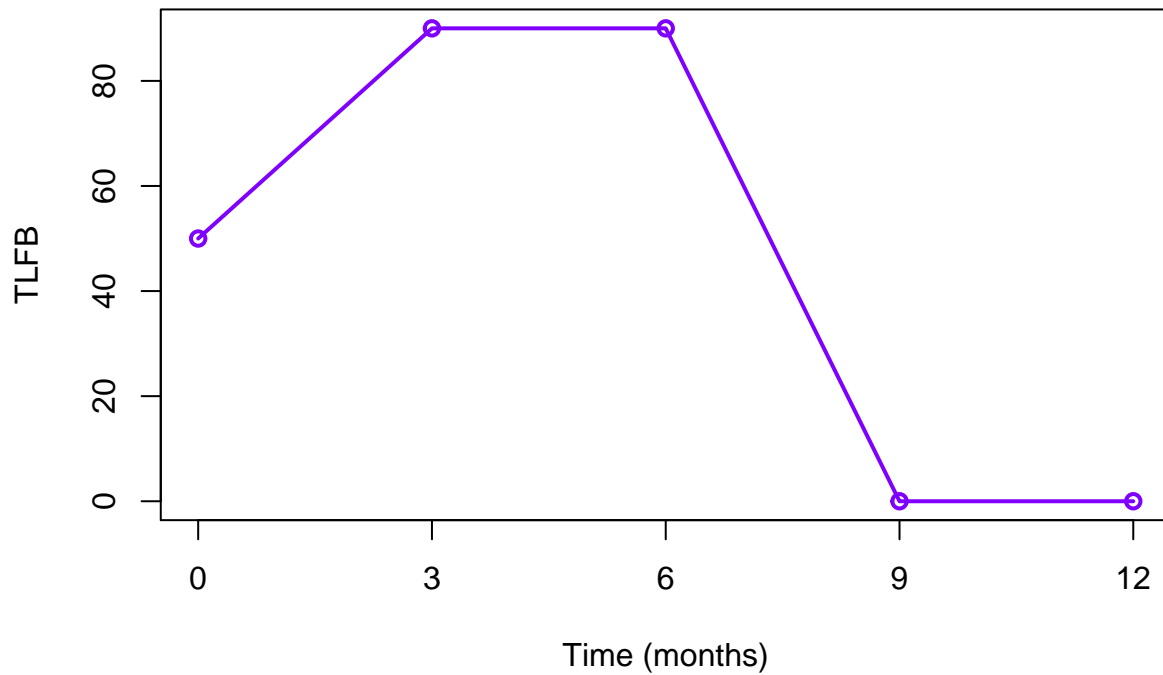
Evolution of cannabis consumption for F2011 subject



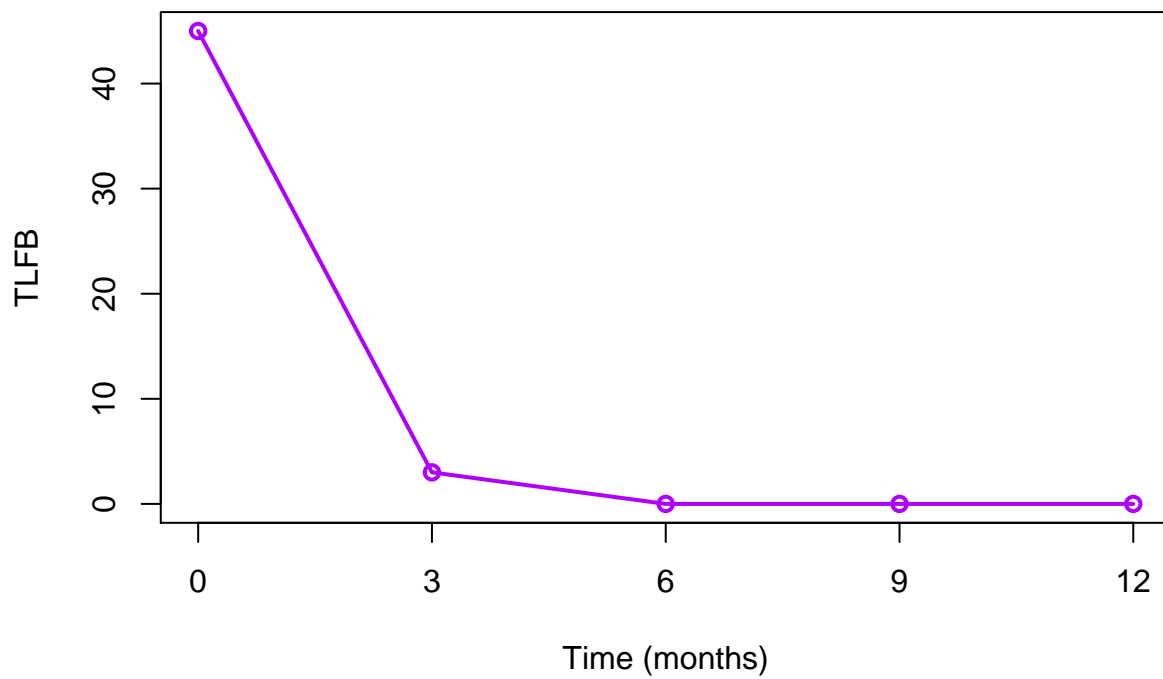
Evolution of cannabis consumption for F2013 subject



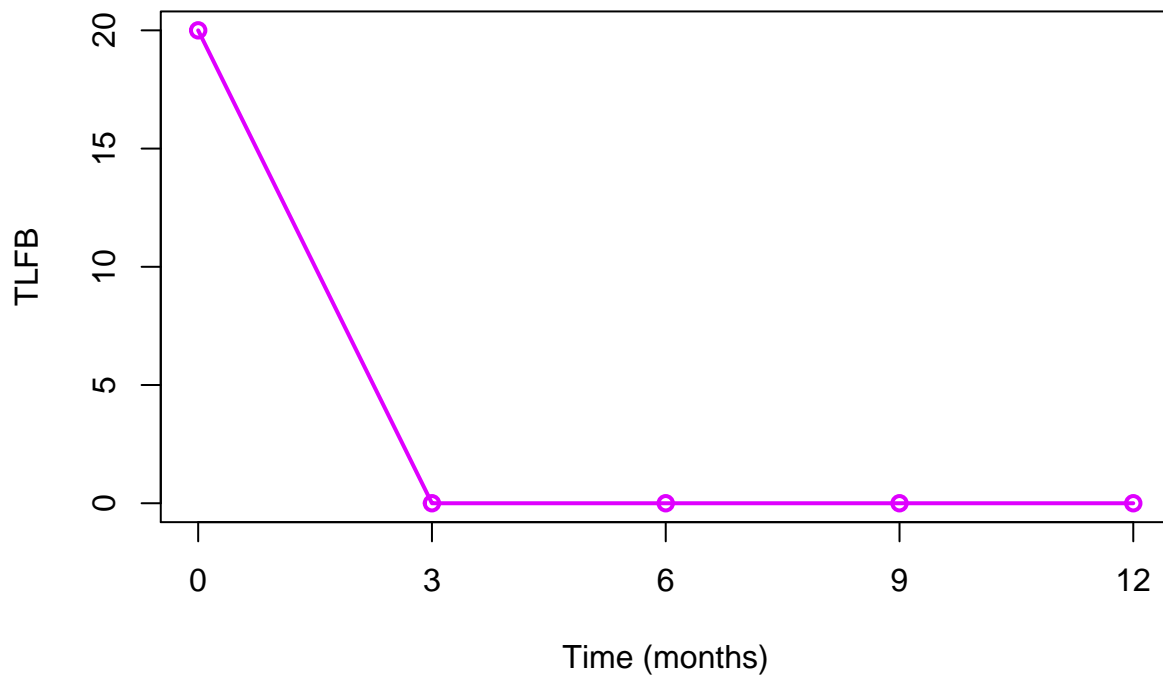
Evolution of cannabis consumption for F2017 subject



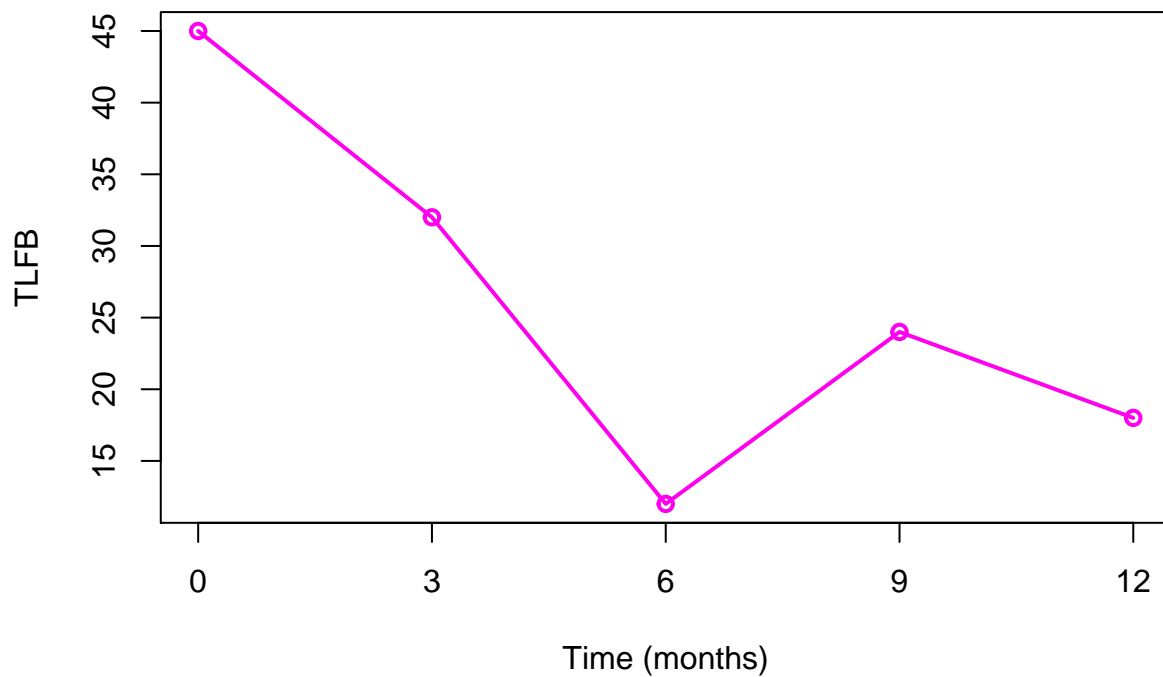
Evolution of cannabis consumption for F2018 subject



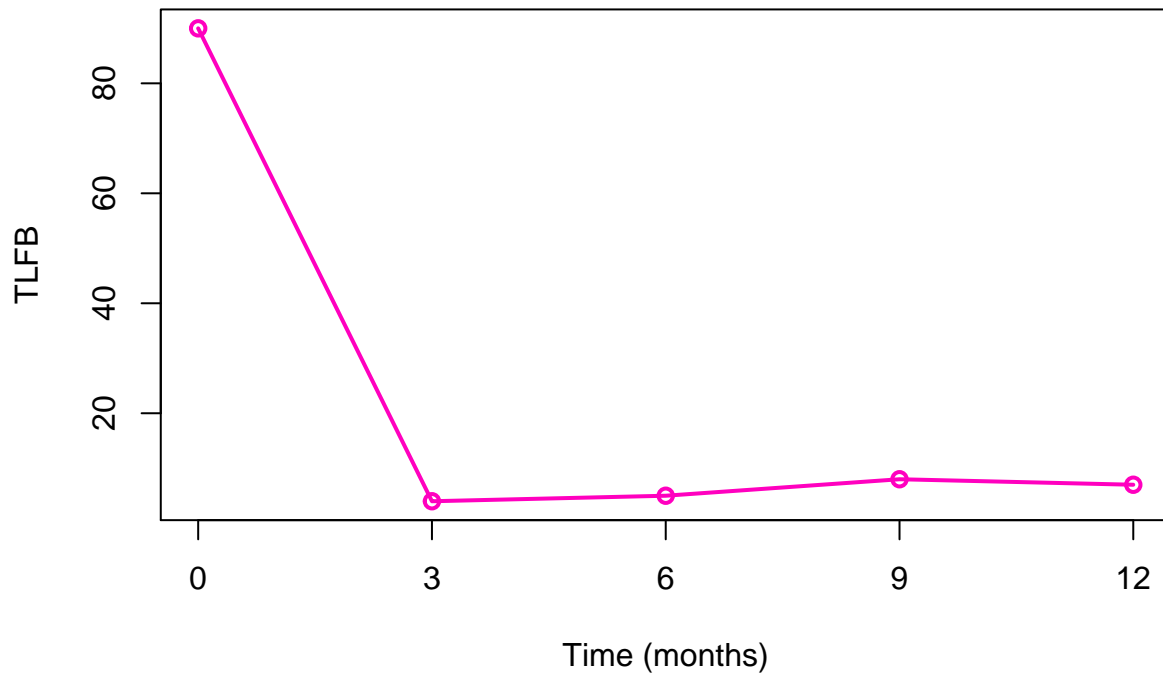
Evolution of cannabis consumption for F2026 subject



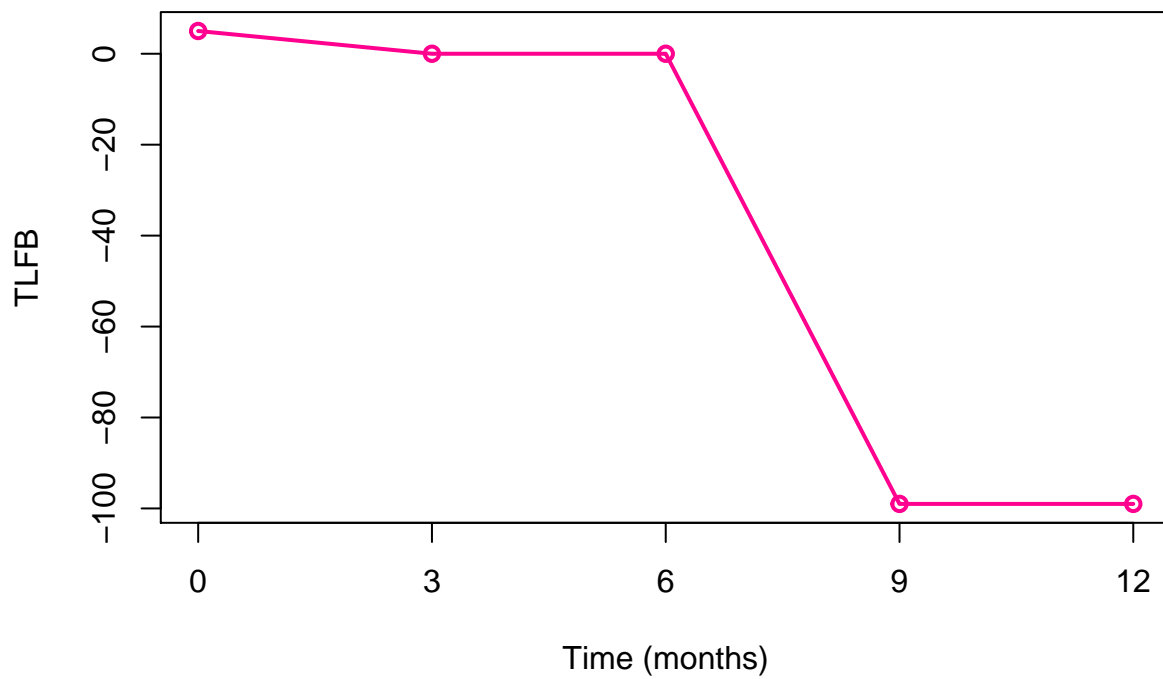
Evolution of cannabis consumption for F2027 subject



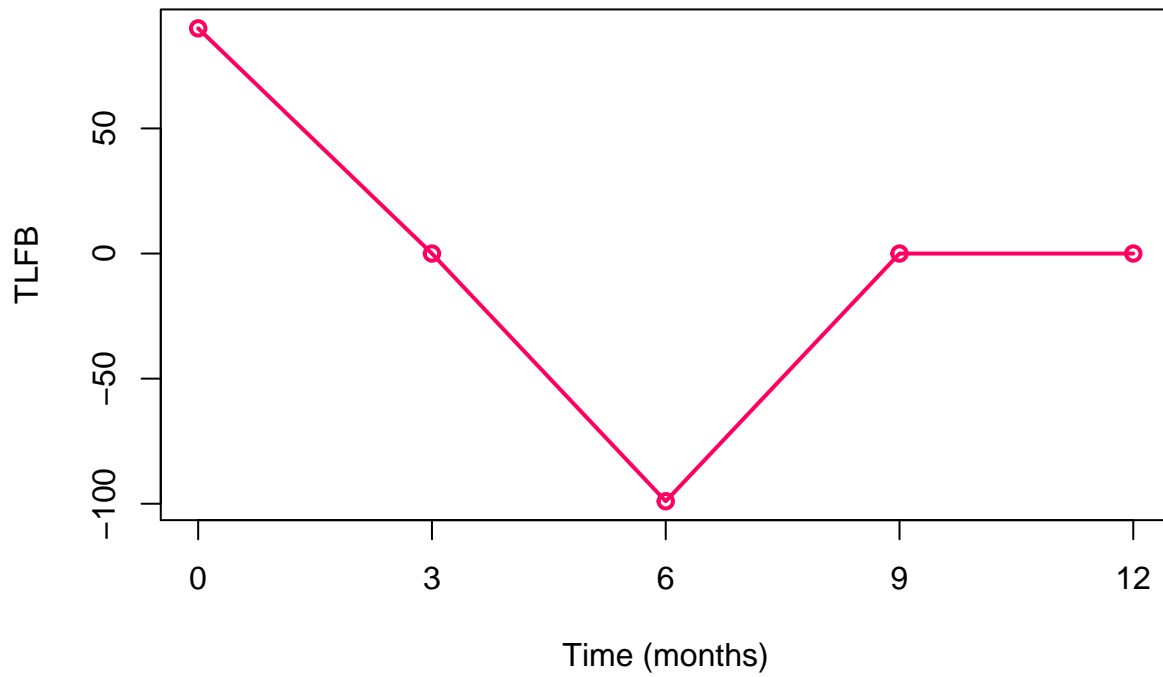
Evolution of cannabis consumption for F2031 subject



Evolution of cannabis consumption for F2032 subject



Evolution of cannabis consumption for F2035 subject



Evolution of cannabis consumption for F2039 subject

