stimuli_presentation

```
stimuliOcurrence <- 10
originFiles <- list.files("~/Documents/experiment1/secuences/",full.names = F)
extention="balancedSequence.csv"
steps <- length(originFiles)/2
xfiles <- str_remove_all(originFiles,"nEvents.csv")
xfiles <- str_remove_all(xfiles,"BestList.csv")
xfiles <- unique(xfiles)
#xfiles2 <- str_remove_all(xfiles,"secuences")
#############--- Loop
for (i in 1:steps)
  {
file_lists <- read.csv2(paste(xfiles[i],"BestList.csv",sep="") , header = F, sep = ",")
file_n <- read.csv2(paste(xfiles[i],"nEvents.csv",sep=""), header = F, sep = ",")
names(file_n) <- as.factor(c(1:length(file_n)))
over <- file_n>10
under <- file_n<10
n_over <- (sum(file_n[,over])%%stimuliOcurrence)
over_indexes <- (as.numeric(names(file_n)))[over]#logical of
# n elements that met condition >stimuliOcurrence
over_indexes <- sample(which(ifelse(file_lists[,1] %in% over_indexes,T,F)),as.numeric(n_over))# indenti
## DISCLAIMER-> this only works because We have an overload of ##      Os, if not, it will fail. Esto d

#extracting negative difference
x <- data.frame(matrix(ncol=2,nrow=sum(under)))
x[,1] <- names(file_n)[under]
x[,2] <- (file_n-10)[under]*-1
replace_elements <- as.numeric(rep(x[,1],times=x[,2]))#making list of elements to change
file_lists[over_indexes,] <- replace_elements#replacing elements that lack n representations in file_li
######################
if (!dir.exists("output")){
  dir.create("output")
}
names(file_lists) <- "elementType"
write.csv2(file_lists, paste("output/",xfiles[i],extention,sep = ""),row.names = F)
}
```