

```

    calculateKL <- function(dataframe,col1,col2) output<-matrix(0,nrow=length(col1),ncol
= length(col1)) for (i in 1:length(col1)) for(j in 1:length(col1)) print(i) k1<-
freqs(dataframe[,i]) k2<-freqs(dataframe[,j]) kl<-KL.empirical(k1,k2,unit = "log2")
output[i,j]<-kl
    print(output) delkl<-delstar[,2:10] col<-1:9 calculateKL(delkl,col,col)

```