library(tictoc)

library(HomomorphicEncryption)

p <- parsHelp("FandV", lambda=256, L=16)

k <- keygen(p)

simpatdata1000 <- read.table('simpatdata1000.txt', header = TRUE, sep = ",")

tic ("encoding")

encodedMonth20<-enc(k$pk, simpatdata1000$m20)

toc()

tic("addition")

encodedResult <- sum(encodedMonth20)

toc()

tic("decrypting results")

plainResult<-dec(k$sk, encodedResult)

toc()