**library(INLA)**

**setwd("C://R files")**

**D <- read.table("LONDONDIST\_TB.txt",header=T)**

**G="C:/R files/LONDONDIST\_ADJ.txt"**

**f1 = y~x1+x2+f(id.sp.x1,x1,model="besag",graph =G)+f(id.sp.x2,x2,model="besag",graph =G)**

**m1 = inla(f1,family="poisson",E=P,data=D, control.compute=list(graph=T, dic=T))**

**summary(m1)**

**FV1 <- m1$summary.fitted.values**

**R1 <- m1$summary.random$id.sp.x1**

**R2 <- m1$summary.random$id.sp.x2**

**formula2 = y~x1+x2**

**m2 = inla(formula2,family="poisson",E=P,data=D, control.compute=list(graph=T, dic=T))**

**summary(m2)**