N = nrow(ct)

N1 = nrow(test.p[test.p$species2=="Cx tarsalis",])

N2 = nrow(test.a)

Y = matrix(NA, nrow(ct), 2)

Y[(1:N1),1] = ct$positive[(1:N1)]

Y[((N1+1):N),2] = ct$culex\_tarsalis\_females[((N1+1):N)]

offs = numeric(N)

offs[(1:N1)] = ct$num\_count

offs[((N1+1):N)] = ct$total\_trap\_nights

model0 = inla(formula0,

 family=c("binomial","nbinomial"),

 data=as.list(ct, Y, offs),

 offs=offs,

 control.predictor=list(compute=T, link=c(rep(1, times=N1), rep(2, times=N2))),

 control.compute=list(dic=T, cpo=T, waic=T),

 control.family=list(list(link="cloglog"),list(link="log")), verbose=T)

x[.,.] <- val : x being coerced from Tsparse\* to CsparseMatrix

 Read ntt 4 1 with max.threads 8

 Found num.threads = 4:1 max\_threads = 4

 1f6a39183ef43d8ef33f10ff3f04fd13f8432758 - Mon Feb 22 21:27:50 2021 +0300

Report bugs to <help@r-inla.org>

Set reordering to id=[0] and name=[default]

Process file[C:\Users\Pascale\AppData\Local\Temp\RtmpQzIciF\file2410659852a/Model.ini] threads[4] max.threads[8] blas\_threads[1] nested[4:1]

inla\_build...

 number of sections=[15]

 parse section=[0] name=[INLA.libR] type=[LIBR]

 inla\_parse\_libR...

 section[INLA.libR]

 R\_HOME=[C:/PROGRA~1/R/R-40~1.5]

 parse section=[13] name=[INLA.Expert] type=[EXPERT]

 inla\_parse\_expert...

 section[INLA.Expert]

 disable.gaussian.check=[0]

 cpo.manual=[0]

 jp.file=[(null)]

 jp.model=[(null)]

 parse section=[1] name=[INLA.Model] type=[PROBLEM]

 inla\_parse\_problem...

 name=[INLA.Model]

 R-INLA version=[21.02.23]

 R-INLA build date=[Mon Feb 22 11:58:09 PM +03 2021]

 Build tag=[Version\_21.02.23]

 openmp.strategy=[default]

 pardiso-library installed and working? = [no]

 smtp = [taucs]

 strategy = [default]

 store results in directory=[C:\Users\Pascale\AppData\Local\Temp\RtmpQzIciF\file2410659852a/results.files]

 output:

 cpo=[1]

 po=[1]

 dic=[1]

 kld=[1]

 mlik=[1]

 q=[0]

 graph=[0]

 gdensity=[0]

 hyperparameters=[1]

 summary=[1]

 return.marginals=[1]

 nquantiles=[3] [ 0.025 0.5 0.975 ]

 ncdf=[0] [ ]

 parse section=[4] name=[Predictor] type=[PREDICTOR]

 inla\_parse\_predictor ...

 section=[Predictor]

 dir=[predictor]

 PRIOR->name=[loggamma]

 hyperid=[53001|Predictor]

 PRIOR->from\_theta=[function (x) <<NEWLINE>>exp(x)]

 PRIOR->to\_theta = [function (x) <<NEWLINE>>log(x)]

 PRIOR->PARAMETERS=[1, 1e-005]

 initialise log\_precision[12]

 fixed=[1]

 user.scale=[1]

 vb.correct=[0]

 n=[15637]

 m=[0]

 ndata=[15637]

 compute=[1]

 read offsets from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599]

 read n=[31274] entries from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599]

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 0/15637 (idx,y) = (0, 9)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 1/15637 (idx,y) = (1, 1)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 2/15637 (idx,y) = (2, 32)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 3/15637 (idx,y) = (3, 3)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 4/15637 (idx,y) = (4, 7)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 5/15637 (idx,y) = (5, 50)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 6/15637 (idx,y) = (6, 13)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 7/15637 (idx,y) = (7, 1)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 8/15637 (idx,y) = (8, 20)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24102bfb3599] 9/15637 (idx,y) = (9, 50)

 read link.fitted.values from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66]

 read n=[31274] entries from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66]

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 0/15637 (idx,y) = (0, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 1/15637 (idx,y) = (1, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 2/15637 (idx,y) = (2, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 3/15637 (idx,y) = (3, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 4/15637 (idx,y) = (4, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 5/15637 (idx,y) = (5, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 6/15637 (idx,y) = (6, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 7/15637 (idx,y) = (7, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 8/15637 (idx,y) = (8, 0)

 file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24106c274c66] 9/15637 (idx,y) = (9, 0)

 Aext=[(null)]

 AextPrecision=[1e+008]

 output:

 summary=[1]

 return.marginals=[1]

 nquantiles=[3] [ 0.025 0.5 0.975 ]

 ncdf=[0] [ ]

 parse section=[2] name=[INLA.Data1] type=[DATA]

 inla\_parse\_data [section 1]...

 tag=[INLA.Data1]

 family=[BINOMIAL]

 likelihood=[BINOMIAL]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24107ba37640]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241056d11dd7]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241066fa6911]

 read n=[17016] entries from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file24107ba37640]

 mdata.nattributes = 0

 0/5672 (idx,a,y,d) = (0, 1, 0, 1)

 1/5672 (idx,a,y,d) = (1, 1, 0, 1)

 2/5672 (idx,a,y,d) = (2, 1, 0, 1)

 3/5672 (idx,a,y,d) = (3, 1, 0, 1)

 4/5672 (idx,a,y,d) = (4, 1, 0, 1)

 5/5672 (idx,a,y,d) = (5, 1, 0, 1)

 6/5672 (idx,a,y,d) = (6, 1, 0, 1)

 7/5672 (idx,a,y,d) = (7, 1, 0, 1)

 8/5672 (idx,a,y,d) = (8, 1, 0, 1)

 9/5672 (idx,a,y,d) = (9, 1, 0, 1)

 likelihood.variant=[0]

 Link model [CLOGLOG]

 Link order [-1]

 Link variant [-1]

 Link a [1]

 Link ntheta [0]

 mix.use[0]

 parse section=[3] name=[INLA.Data2] type=[DATA]

 inla\_parse\_data [section 2]...

 tag=[INLA.Data2]

 family=[NBINOMIAL]

 likelihood=[NBINOMIAL]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241054ce4ab5]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241039306d96]

 file->name=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241014682300]

 read n=[29895] entries from file=[C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241054ce4ab5]

 mdata.nattributes = 0

 0/9965 (idx,a,y,d) = (5672, 1, 0, 1)

 1/9965 (idx,a,y,d) = (5673, 1, 10, 1)

 2/9965 (idx,a,y,d) = (5674, 1, 1, 1)

 3/9965 (idx,a,y,d) = (5675, 1, 0, 1)

 4/9965 (idx,a,y,d) = (5676, 1, 9, 1)

 5/9965 (idx,a,y,d) = (5677, 1, 0, 1)

 6/9965 (idx,a,y,d) = (5678, 1, 3, 1)

 7/9965 (idx,a,y,d) = (5679, 1, 0, 1)

 8/9965 (idx,a,y,d) = (5680, 1, 31, 1)

 9/9965 (idx,a,y,d) = (5681, 1, 0, 1)

 likelihood.variant=[0]

 initialise log\_size[2.30259]

 fixed=[0]

 use parameterization variant=[0]; see doc for details

 PRIOR->name=[pcmgamma]

 hyperid=[63001|INLA.Data2]

 PRIOR->from\_theta=[function (x) <<NEWLINE>>exp(x)]

 PRIOR->to\_theta = [function (x) <<NEWLINE>>log(x)]

 PRIOR->PARAMETERS[0]=[7]

 Link model [LOG]

 Link order [-1]

 Link variant [-1]

 Link a [1]

 Link ntheta [0]

 mix.use[0]

 parse section=[10] name=[id.num] type=[FFIELD]

 inla\_parse\_ffield...

 section=[id.num]

 dir=[random.effect00000001]

 model=[bym2]

 PRIOR0->name=[pcprec]

 hyperid=[11001|id.num]

 PRIOR0->from\_theta=[function (x) <<NEWLINE>>exp(x)]

 PRIOR0->to\_theta = [function (x) <<NEWLINE>>log(x)]

 PRIOR0->PARAMETERS0=[1 0.01]

 PRIOR1->name=[table: C]

 hyperid=[11002|id.num]

 PRIOR1->from\_theta=[function (x) <<NEWLINE>>exp(x)/(1 + exp(x))]

 PRIOR1->to\_theta = [function (x) <<NEWLINE>>log(x/(1 - x))]

 PRIOR1->table=[table: C:/Users/Pascale/AppData/Local/Temp/RtmpQzIciF/file2410659852a/data.files/file241047db4df]

 vb.corError in inla.inlaprogram.has.crashed() :

 The inla-program exited with an error. Unless you interupted it yourself, please rerun with verbose=TRUE and check the output carefully.

 If this does not help, please contact the developers at <help@r-inla.org>.