The blended Generalised Extreme Value distribution

The documentation for this likelihood model is a vignette, do
`vignette("bGEVtutorial1-2", package="INLA")`
to open it.

Parametrisation

Link-function

Hyperparameters

Specification

Hyperparameter spesification and default values

doc `The blended Generalized Extreme Value likelihood`

hyper

theta1

hyperid `57201`
name `spread`
short.name `sd`
output.name `spread for BGEV observations`
output.name.intern `log spread for BGEV observations`
initial `0`
fixed `FALSE`
prior `loggamma`
param `1 3`
to.theta `function(x) log(x)`
from.theta `function(x) exp(x)`

theta2

hyperid `57202`
name `tail`
short.name `xi`
output.name `tail for BGEV observations`
output.name.intern `intern tail for BGEV observations`
initial `-4`
fixed `FALSE`
prior `pc.gevtail`
param `7 0 0.5`
to.theta `function(x, interval = c(REPLACE.ME.low, REPLACE.ME.high)) log(-(interval[1]`
from.theta `function(x, interval = c(REPLACE.ME.low, REPLACE.ME.high)) interval[1] + (`

theta3

hyperid `57203`
name `beta1`
short.name `beta1`
output.name `MUST BE FIXED`

output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta4

hyperid 57204
name beta2
short.name beta2
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta5

hyperid 57205
name beta3
short.name beta3
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta6

hyperid 57206
name beta4
short.name beta4
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta7

hyperid 57207
name beta5
short.name beta5
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta8

hyperid 57208
name beta6
short.name beta6
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta9

hyperid 57209
name beta7
short.name beta7
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta10

hyperid 57210
name beta8
short.name beta8
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal

param 0 300
to.theta function(x) x
from.theta function(x) x

theta11

hyperid 57211
name beta9
short.name beta9
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta12

hyperid 57212
name beta10
short.name beta
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

status experimental

survival FALSE

discrete FALSE

link default identity log

pdf bgev

Example

Notes