

# The blended Generalised Extreme Value distribution

Parametrisation

Link-function

Hyperparameters

Specification

Hyperparameter specification and default values

**doc** The blended Generalized Extreme Value likelihood

**hyper**

**theta1**

**hyperid** 57201  
**name** spread  
**short.name** sd  
**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  
**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  
**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
    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
    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
    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
    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
    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
    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
    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
    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
    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

**pdf** bgev

**Example**

**Notes**