Package ‘mlt.docreg’

March 11, 2021

Title Most Likely Transformations: Documentation and Regression Tests
Version 1.1-0
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Description Additional documentation, a package vignette and regression tests for package mlt.
Depends mlt (>= 1.1-0),
Imports numDeriv, stats, eha, multcomp (>= 1.4-4), lattice, survival,
flexsurv, truncreg, np
Suggests variables, basefun, MASS, TH.data, knitr, prodlim, gridExtra,
nnet, HSAUR3, sandwich, grid, latticeExtra, colorspace, mgcv,
coxinterval, ICsurd, polspline, log spline, bshazard, gss,
MLICD, TransModel, dynsurv, timereg, survivalMPL, gamlss,
Matrix, muhaz, ICE, ordinal, VGAM, AER, coin, gamlss.data,
mlbench, tram (>= 0.6-0), rms
VignetteBuilder knitr
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1
checkGH

Check Gradient and Hessian

Description
Check analytic gradient and hessian against their numerical approximation

Usage
checkGH(object)

Arguments
object an object of class mlt as returned by mlt

Details
Computes the gradient and hessian analytically and numerically and compares the two. Warnings are suppressed for the numerical approximations as they are not aware of model constraints which might get violated.
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