

Package: tmbr (via r-universe)

September 8, 2024

Title Analyses Using TMB

Version 0.0.1.9004

Description Facilitates analyses using 'Template Model Builder'.

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URL <https://github.com/poissonconsulting/tmbr>

BugReports <https://github.com/poissonconsulting/tmbr/issues>

Depends R (>= 4.0)

Imports beepR, chk, coda, dplyr, embr, foreach, lubridate, magrittr,
mcmcR, plyr, purrr, rlang, Rcpp, stats, stringr, term, tibble,
timer, TMB, universals

Suggests bauw, covr, extras, testthat

LinkingTo Rcpp, RcppEigen, TMB

Remotes poissonconsulting/bauw, poissonconsulting/embr,
poissonconsulting/mcmcdata, poissonconsulting/newdata,
poissonconsulting/timer

Encoding UTF-8

RoxygenNote 7.3.2

Repository <https://poissonconsulting.r-universe.dev>

RemoteUrl <https://github.com/poissonconsulting/tmbr>

RemoteRef HEAD

RemoteSha de6d75baaaa64a165e01a2230136bbffa4c8ebd9

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`confint.tmb_ml_analysis`*Confint*

Description

Confint

Usage

```
## S3 method for class 'tmb_ml_analysis'
confint(
  object,
  parm = terms(object),
  level = getOption("mb.conf_level", 0.95),
  parallel = getOption("mb.parallel", FALSE),
  beep = getOption("mb.beep", FALSE),
  ...
)
```

Arguments

<code>object</code>	The <code>tmb_ml_analysis</code> object.
<code>parm</code>	A character vector of the <i>terms</i> to get the confidence interval for.
<code>level</code>	A number specifying the confidence level. By default 0.95.
<code>parallel</code>	A flag indicating whether to using parallel backend provided by foreach.
<code>beep</code>	A flag indicating whether to beep on completion of the analysis.
<code>...</code>	Additional arguments passed to <code>TMB::tmbprofile</code>

`converged.tmb_ml_analysis`*Is Converged*

Description

Is Converged

Usage

```
## S3 method for class 'tmb_ml_analysis'
converged(x, ...)
```

Arguments

x The object to test convergence for.
... Unused.

is.tmb_analysis *Is a TMB Analysis*

Description

Tests whether x is an object of class 'tmb_analysis'

Usage

is.tmb_analysis(x)

Arguments

x The object to test.

Value

A flag indicating whether the test was positive.

is.tmb_code *Is a TMB Code*

Description

Tests whether x is an object of class 'tmb_code'

Usage

is.tmb_code(x)

Arguments

x The object to test.

Value

A flag indicating whether the test was positive.

`is.tmb_mcmc_analysis` *Is a TMB MCMC Analysis*

Description

Tests whether x is an object of class 'tmb_mcmc_analysis'

Usage

```
is.tmb_mcmc_analysis(x)
```

Arguments

x The object to test.

Value

A flag indicating whether the test was positive.

`is.tmb_ml_analysis` *Is a TMB ML Analysis*

Description

Tests whether x is an object of class 'tmb_ml_analysis'

Usage

```
is.tmb_ml_analysis(x)
```

Arguments

x The object to test.

Value

A flag indicating whether the test was positive.

`is.tmb_model` *Is a TMB Model*

Description

Tests whether x is an object of class 'tmb_model'

Usage

`is.tmb_model(x)`

Arguments

x The object to test.

Value

A flag indicating whether the test was positive.

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