

R

glmmTMB

Template Model Builder

<https://cran.r-project.org/web/packages/glmmTMB/index.html>

事前に読んでおく基本文献

Bolker et al. (2009)

Bolker (2015)

Zuur et al. (2009)

Millar (2011)

Zuur et al. (2013)

引用

Brooks ME, Kristensen K, van Benthem KJ, Magnusson A, Berg

CW, Nielsen A, Skaug HJ, Maechler M, Bolker BM (2017). “glmmTMB

Balances Speed and Flexibility Among Packages for Zero-inflated

Generalized Linear Mixed Modeling.” The R Journal, 9(2), 378–400.

doi:10.32614/RJ-2017-066.

パッケージ

```
library("glmmTMB")
```

```
library("bbmle")
```

```
library("ggplot2")
```

References

<https://cran.r-project.org/web/packages/glmmTMB/vignettes/glmmTMB.pdf>

<https://cran.r-project.org/web/packages/glmmTMB/index.html>

<https://github.com/glmmTMB/glmmTMB>

<https://sites.google.com/view/naokikatayama/r-codes/glmms>