Package: greencrab.toolkit (via r-universe)

October 29, 2026

Title Run 'Stan' Models to Interpret Green Crab Monitoring Assessments

Version 0.2

Maintainer Abigail G. Keller <agkeller@berkeley.edu>

Description These Bayesian models written in the 'Stan' probabilistic language can be used to interpret green crab trapping and environmental DNA monitoring data, either independently or jointly. Detailed model information is found in Keller (2022) <doi:10.1002/eap.2561>.

License GPL-3

Encoding UTF-8

RoxygenNote 7.2.3

Biarch true

Depends R (>= 3.4.0)

Imports Rcpp (>= 0.12.0), RcppParallel (>= 5.0.1), rstan (>= 2.26.23), rstantools (>= 2.2.0), methods

LinkingTo BH (>= 1.66.0), Rcpp (>= 0.12.0), RcppEigen (>= 0.3.3.3.0), RcppParallel (>= 5.0.1), rstan (>= 2.26.23), StanHeaders (>= 2.26.22)

SystemRequirements GNU make

NeedsCompilation yes

Author Abigail G. Keller [aut, cre]

Config/pak/sysreqs make

Repository https://cran.r-universe.dev

Date/Publication 2023-09-12 23:30:49 UTC

RemoteUrl https://github.com/cran/greencrab.toolkit

RemoteRef HEAD

RemoteSha 842520b9cd107ffaeafb6ed9718f8dee102fb1b4

Contents

greencrab.toolkit-package 2

Index **3**

`greencrab.toolkit-package`
The 'greencrab.toolkit' package.

Description

These Bayesian models written in the 'Stan' probabilistic language can be used to interpret green crab trapping and environmental DNA monitoring data, either independently or jointly. Detailed model information is found in Keller (2022) <doi:10.1002/eap.2561>.

References

Stan Development Team (2023). RStan: the R interface to Stan. R package version 2.21.8. https://mc-stan.org

Index

greencrab.toolkit
        *(*greencrab.toolkit-package*)*, 2
greencrab.toolkit-package, 2