Package 'greencrab.toolkit'

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

Version 0.2

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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

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R topics documented:

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greencrab.toolkit-package

The 'greencrab.toolkit' package.

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References

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

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