

Package: hestia (via r-universe)

October 21, 2026

Title Bayesian Compartmental Infection Models from Individual Outcomes

Version 0.1.0

Description Fit Bayesian compartmental infection models (such as susceptible-infected-recovered and multi-compartment hidden Markov variants) from individual-level outcome data. Models are composed from infection-process and observation-process components and fit using Stan via 'rstan'.

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Encoding UTF-8

Language en-US

Roxygen list(markdown = TRUE, roclets = c("`collate", "`namespace",
`rd", "`roxygenals::global_roclet"))

RoxygenNote 7.3.3

Biarch true

Depends R (>= 4.1.0)

Imports checkmate, dplyr, flexstanr (>= 0.2.0), methods, posterior,
Rcpp (>= 0.12.0), RcppParallel (>= 5.0.1), rstan (>= 2.18.1),
rstantools (>= 2.5.0), stats, tidyr

LinkingTo BH (>= 1.66.0), Rcpp (>= 0.12.0), RcppEigen (>= 0.3.3.3.0),
RcppParallel (>= 5.0.1), rstan (>= 2.18.1), StanHeaders (>= 2.18.0)

SystemRequirements GNU make

Suggests bayesplot, ggplot2, knitr, lintr, patchwork, pkgload,
rmarkdown, roxygen2, roxygenals, spelling, testthat (>= 3.0.0), withr

VignetteBuilder knitr

Config/testthat/edition 3

URL <https://accidda.github.io/hestia/>,
<https://github.com/ACCIDDA/hestia>

BugReports <https://github.com/ACCIDDA/hestia/issues>

LazyData true
LazyDataCompression xz
Config/roxyglobals/filename globals.R
Config/roxyglobals/unique FALSE
Config/pak/sysreqs cmake make libicu-dev
Repository <https://accidda.r-universe.dev>
Date/Publication 2026-10-08 14:08:07 UTC
RemoteUrl <https://github.com/accidda/hestia>
RemoteRef HEAD
RemoteSha f7592871ba6879a91e03e2f7954c7e504e9ce58a