

Package: trama.spatial (via r-universe)

October 10, 2026

Title Geostatistics Collection for trama

Version 0.1.1

Description Nodes for geostatistics in a trama graph: declaring a regionalised variable with coordinates, projection and boundary; exploratory spatial display; classical and robust empirical variograms, omnidirectional or directional, with large-scale trend removed; fitting spherical, exponential, Gaussian and Matern models by ordinary and weighted least squares, reporting nugget, partial sill, range and practical range; and ordinary and simple kriging onto a boundary-clipped grid, carrying the kriging variance so the prediction map always has an uncertainty map beside it. The point object carries its coordinates, projection and boundary, so no later node asks for them again. Builds on trama.data for tables and trama.view for plots.

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Encoding UTF-8

Depends R (>= 4.1)

Imports trama (>= 0.5.9), trama.data (>= 0.4.4), trama.view, gstat, sf, ggplot2 (>= 4.0.0), rlang, tibble, stats, utils

Suggests testthat (>= 3.0.0), geoR

Config/testthat/edition 3

Config/trama/requires trama.data, trama.view

Remotes uaipetro/trama,
trama.data=github::uaipetro/trama/collections/trama.data,
trama.view=github::uaipetro/trama/collections/trama.view

LazyData true

Config/pak/sysreqs

libabsl-dev cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev libgdal-dev gdal-bin libgeos-dev make libharfbuzz-dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libuv1-dev libwebp-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev libx11-dev zlib1g-dev

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

Date/Publication 2026-10-09 16:23:25 UTC

RemoteUrl <https://github.com/uaipedro/trama>

RemoteRef HEAD

RemoteSha 1bdeb4f693df836f77e762f2642cc18a3956f8b1

RemoteSubdir collections/trama.spatial