

Package: trama.experiments (via r-universe)

October 10, 2026

Title Experimental Design Collection for trama

Version 0.2.8

Description Nodes for planning experiments in a trama graph: a declarative design node that builds and randomizes completely randomized, randomized block, Latin square, factorial (with or without confounding in blocks), fractional factorial 2^{k-p} , central composite, split-plot, strip-plot, balanced incomplete block, repeated measures, crossover (Williams) and multi-site designs, with every factor's role, unit of assignment and randomization scope made explicit. The plan carries its metadata and becomes a plain table for the analysis nodes of trama.models. Builds on trama.data for tables, trama.view for plots and trama.models for the fitted models that the analysis nodes read.

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Encoding UTF-8

Depends R (≥ 4.1)

Imports trama ($\geq 0.5.16$), trama.data ($\geq 0.4.4$), trama.view, trama.models ($\geq 0.6.6$), emmeans, ggplot2 ($\geq 4.0.0$), rlang, tibble, stats, utils

Suggests testthat ($\geq 3.0.0$), MASS, boot, car, agricolae, FrF2, DoE.base, rsm, crossdes, coin, jsonlite

Config/testthat/edition 3

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

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

Config/pak/sysreqs

cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev make libharfbuzz-dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libuv1-dev libwebp-dev libssl-dev libx11-dev zlib1g-dev

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

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

RemoteRef HEAD

RemoteSha 1bdeb4f693df836f77e762f2642cc18a3956f8b1

RemoteSubdir collections/trama.experiments