

Editorial

by Mark P.J. van der Loo

On behalf of the editorial board, I am pleased to present Volume 16 Issue 1 of the R Journal.

In this issue

News from CRAN, the R Foundation, the R Core team, and Bioconductor are included in this issue.

This issue features 10 contributed research articles the majority of which relate to R packages on a diverse range of topics. All packages are available on CRAN. Supplementary material with fully reproducible code is available for download from the Journal website. Topics covered in this issue are the following.

Reviews

- Current State and Prospects of R-Packages for the Design of Experiments

Modeling and Inference

- BCClong: An R Package for Bayesian Consensus Clustering for Multiple Longitudinal Features
- pencil: an R Package for the Dynamic Prediction of Survival with Many Longitudinal Predictors
- Rfssa: An R Package for Functional Singular Spectrum Analysis

Computational Methods

- clarify: Simulation-Based Inference for Regression Models
- FuzzySimRes: Epistemic Bootstrap –an Efficient Tool for Statistical Inference Based on Imprecise Data
- Pomdp: A Computational Infrastructure for Partially Observable Markov Decision Processes

Applications

- Fast and Flexible Search for Homologous Biological Sequences with DECIPHER v3
- reslr: An R Package for Relative Sea Level Modelling
- mcmsupply: An R Package for Estimating Contraceptive Method Market Supply Shares
- LUCIDus: An R Package For Implementing Latent Unknown Clustering By Integrating Multi-omics Data (LUCID) With Phenotypic Traits

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