Editorial

by Michael J. Kane

On behalf of the editorial board, I am pleased to present Volume 11, Issue 2 of the R Journal and my first issue as the Editor in Chief. This year, both Colin Gillespie and Catherine Healey join the Editorial Board, and Norm Matloff will rotate out. The R Journal continues to see increases in impact and popularity and this year we plan on making advances to better serve the community and streamline the publishing process to meet the increase in submissions we have seen over the last few years.

In this issue

Along with news and notes are provided from the ConectaR 2019 conference, the R Foundation, CRAN, and Bioconductor, this issue features 26 articles. I have categorized them below.

Papers focusing on performance and novel, domain-specific applications:

- "Comparing **namedCapture** with other R packages for regular expressions
- "**cvcrand**: a Package for Covariate-constrained Randomization and the Clustered Permutation Test for Cluster Randomization Trials
- "Indoor Positioning and Fingerprinting: The R package **ipft**

Data preprocessing, imputation, validation, and exploration:

- "**jomo**: a Flexible Package for Two-level Joint Modelling Multiple Imputation"
- "**auditor**: an R Package for Model-Agnostic Visual Validation and Diagnostics"
- "Fitting tails by the empirical residual coefficient of variation: The **ercv** package"
- "The Landscape of R Packages for Automated Exploratory Data Analysis"
- "The R Package **trafo** for Transforming Linear Regression Models"
- "**orthoDr**: semiparametric dimension reduction via orthogonality constrained optimization"

Spatial statistics:

- "**spGARCH**: An R Package for Spatial and Spatiotemporal ARCH models"
- "The **IDSpatialStats** R package: Quantifying spatial dependence of infectious disease spread"
- "Using Web Services to Work with Geodata in R"

Time-series analysis and finance:

- "**lpirfs**: An R-package to estimate impulse response functions by local projections"
- "Time Series Forecasting with KNN in R: the **tsfknn** Package"
- "**rollmatch**: An R Package for Rolling Entry Matching"
- "**BondValuation**: An R Package for Fixed Coupon Bond Analysis"

- "Modeling regimes with extremes: the **bayesdfa** package for identifying and forecasting common trends and anomalies in multivariate time-series data"

Clustering:

- "**roahd** Package: Robust Analysis of High Dimensional Data"
- "**PPCI**: an R Package for Cluster Identification using Projection Pursuit"
- "**ConvergenceClubs**: A Package for Performing the Phillips and Sul's Club Convergence Clustering Procedure"
- "**biclustermd**: An R Package for Biclustering with Missing Values"

And supervised modeling:

- "**dr4pl**: A stable convergence algorithm for the 4 Parameter Logistic model"
- "**coxed**: An R Package for Computing Duration Based Quantities from the Cox Proportional Hazards Model"
- "Analysis of Multivariate Data and Repeated Measures Designs with the R Package **MANOVA.RM**"
- "Associative Classification in R: **arc**, **arulesCBA**, and **rCBA**"
- "**HCmodelSets**: An R Package for Specifying Sets of Well-fitting Models in High Dimensions"

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