Editorial

by Deepayan Sarkar

On behalf of the editorial board, I am pleased to publish Volume 6, Issue 1 of the R Journal.

As usual, the bulk of the articles in this issue describe a variety of R packages, whose diversity reflects the ever increasing reach of R. Many of these packages make new data analysis methods available to the R community: **LS2Wstat** implements a test of spatial stationarity for textured images, **straweib** implements stratified Weibull regression models for interval-censored survival data, **rotations** provides various tools to work with rotation data, **ROSE** implements methods to deal with binary classification problems with high class imbalance, **investr** provides tools to solve inverse estimation problems for both linear and nonlinear regression models, **Rankcluster** enables model-based clustering of multivariate as well as partial rankings, **MRCV** allows analysis of data with multiple-response categorical variables, and **oligoMask** enables the removal of systematic effects of genetic variants when preprocessing microarray data. Several others fall into the category of more general purpose tools: **stringdist** implements various string distance functions and approximate string matching based on them, **RStorm** provides an environment to prototype and test streaming algorithms, **RWiener** implements distribution functions for the Wiener diffusion model that is useful for reaction time modeling, and **sgr** allows simulation of fake ordinal data to systematically study the effect of faked responses on inference. Two articles discuss packages that provide interfaces to other systems: **PivotalR** to various databases and the MADlib library for in-database machine learning, and **dvn** to The Dataverse Network to allow archival and sharing of reproducible research. Finally, we have three visualization packages that have quite different focus but share the common thread of interactive browser-based displays: **pitchRx** (along with **XML2R**) can be used to obtain and visualize basketball pitch data, **brainR** creates interactive displays of neuroimaging data, and **gridSVG** allows the exporting of grid graphics in the SVG format with several additional features.

The News and Notes section contains the usual updates on the R Foundation, the Bioconductor project, CRAN, and changes in R itself. In addition, we have a brief overview of the Web Technologies Task View available on CRAN. We also have a short addendum to an article published in the last issue of the R Journal, "Statistical Software from a Blind Person's Perspective", that provides a solution to a problem identified in the original article.

I hope you enjoy the issue.

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