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Michael Kane
Editor
R Journal

Estimated Prof. Michael Kane,

Thank you for providing us this opportunity to submit the new version of our manuscript **Statistical Quality Control with the qcr Package** to *R Journal*, after implementing the changes suggested in the review process. We are grateful to the editor and reviewer for the thorough reading and comments on our work that significantly have helped to improve the manuscript. We have followed the reviewer's suggestions closely. We hope that this new version will meet the standards of the Journal.

Sincerely,



Javier Tarrío Saavedra

Answers by the authors to the reviewer's comments

Below, we show the reviewer's comments (in grey) and the corresponding authors' answers (in black).

The present document containing the reviewer comments and the corresponding answers by the authors

Review of Statistical Quality Control with the qcr Package

This is a well-written paper with careful explanations allowing both beginners and experts in quality control to read and absorb the content. The manuscript does a great job of motivating the need for the package, related packages were identified, the use of the package is clear, and the examples are helpful.

The authors strongly thank the comments of reviewer about our work, all the suggestions and corrections thorough the submitted manuscript.

1. The package does not appear on CRAN - per the current R Journal policy papers centering on a package must be available on CRAN.

We strongly thank the reviewer's correction. The qcr package is now available on CRAN (<https://cran.r-project.org/web/packages/qcr/index.html>), following the reviewer's indications.

2. The package does not respect 'quietly' when loading – a lot of content is put out to the console when the package is loaded. I personally find this slightly annoying. However, this is even the case when I specify `library(qcr, quietly=TRUE)`. [This link](<https://stat.ethz.ch/R-manual/R-devel/library/base/html/ns-hooks.html>) provides guidance in this area.

We totally agree and thank the reviewer's comment. We have worked to reduce the information shown when the package is loaded. Following CRAN recommendations, we are using `packageStartupMessage()` in `.onAttach()`, in order to display the start-up message. The `quietly` argument, in `library()` or `require()`, effectively prevents the printing of errors/warnings information. It should also suppress the start-up messages, but it seems it does not (although we think that it should do so it).

Alternatively, following the indications of the the help documentation of the `library()` function, we can use the `suppressPackageStartupMessages` to prevent the display of the messages during package loading ("To suppress messages during the loading of packages use `suppressPackageStartupMessages`"). Thus, we can use, for instance, `suppressPackageStartupMessages(library(qcr))`, to suppress the messages during loading of the qcr package.

3. Please check the formatting. The `RJournal.sty` file has macros for packages, and programming languages.

Of course, the authors agree thank this important correction that significantly improve the appearance of the manuscript. Consequently, the `\texttt` command has been replaced by `\code`, `\pkg`, or `\CRANpkg`, when the text corresponds to short lines of code in the body text, names of packages or name of packages in CRAN, respectively. Moreover, the chunks of code are now included in the new version of the manuscript using `\begin{example}... \end{example}`.

Apart from all the comments of the reviewer, we have actualized the references of R software and R packages.
