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May 21, 2022

Editor-in-Chief
The R Journal

Dear Editor,

Please, find attached the paper “ClusROC: An R package for ROC analysis in three-class classification problems for clustered data” by Gianfranco Adimari, Monica Chiogna and myself, which we would like to be considered for publication in the R Journal.

Receiver operating characteristic (ROC) analysis is increasingly used for the evaluation of possible diagnostic tests and biomarkers. In recent years, some statistical methodologies have been proposed, in particular, for the evaluation of diagnostic tests, in the case of three classes of disease and for data collected in clusters (therefore not independent). There is currently no software that implements these techniques. Our goal has been to fill this gap. With this in mind, we have prepared the ClusROC package, which has already been uploaded to CRAN. This article is aimed at practitioners and describes the use of the functions contained in the package, also with an example of application to a real dataset.

Sincerely,

Duc-Khanh To

