September 11, 2024

Editor
The R Journal

Dear Dr Mark van der Loo,

Please consider our article titled "Teaching Computers to See Patterns in Scatterplots with Scagnostics" for publication in the R Journal.

The manuscript introduces the new package called `cassowaryr` which provides a user-friendly method to calculate scagnostics in R and examples that illustrate howthese scagnostics can be used to explore data. Scagnostics are a set of metrics that describe the shapes in scatter plots, and can be useful as a dimension reduction technique. This package calculates the scagnostics in R, which makes the package more accessible compared to previous scagnostics packages that are simply wrappers for C++ code.

We believe the readers of the R Journal will find this article helpful because scanogstics are commonly used in data analysis, and are required for other popular packages such as `tourr` and `ggobi`. This paper provides details on an actively maintained scagnostics package and highlights potential pitfalls that should be avoided when using them.

Regards,

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