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Menu Abstract

Beyond the challenge of keeping up-to-date with current best practices regarding the diagnosis and treatment of outliers, an Submit

additional difficulty arises concerning the mathematical Manuscript implementation of the recommended methods. In this paper, we

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be implemented in the R statistical computing software, using the * Submitted {performance}* package of the *easystats* ecosystem. We cover Manuscripts

univariate, multivariate, and model-based statistical outlier (/user/manuscripts/status)

detection methods, their recommended threshold, standard output, Display Coand plotting methods. We conclude with recommendations on the handling of outliers: the different theoretical types of outliers. Authored whether to exclude or winsorize them, and the importance of

transparency. (/user/manuscripts/co-

authored) Keywords univariate outliers; multivariate outliers; robust detection methods;

R; easystats

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Comments Less convinced as a scientific research is the major concern. I

cannot find a solid contribution for the statistical methodologies, new packages, or sound applications in this study. Almost all the obtained conclusions are known. The readers would be happy to see more convincing results from good real examples from the real world if only the well known statistical methods and packages are used in this study. The tutorial-like results using the examples in R are too weak for an academic paper. It is contributive if the authors can include real examples in different areas to show the power of the used package and present the insight findings, not just show how to use the packages. Then, resubmit the revision as a new

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