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Review Report Form

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Quality of English Language

☐ English very difficult to understand/incomprehensible

☐ Extensive editing of English language and style required

☐ Moderate English changes required

☒ English language and style are fine/minor spell check required

☐ I am not qualified to assess the quality of English in this paper

	Yes	Can be improved	Must be improved	Not applicable
Does the introduction provide sufficient background and include all relevant references?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all the cited references relevant to the research?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the research design appropriate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the methods adequately described?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the results clearly presented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the conclusions supported by the results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments and Suggestions for Authors
 The authors propose the illustration of an R library for detecting outliers. The paper is quite clear, however, the following remarks are provided to improve the article

- The word accessible in the title should be removed.



- The authors should clarify whether the functions implemented in the library were implemented only for continuous variables or other types of variables are also considered.

- The author's reference to the Normal distribution on page 2, line 31 is unclear. They should clarify or delete this sentence.

- The reference to the mathematical score is unclear on page 2, line 36. I think this reference should be removed.

A critical review on the analysis of outliers is proposed in this article which must be cited

Riani, M., & Atkinson, A. C. (2020). Robust regression methods in machine learning. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 10(2), e1359.

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- Page 3, lines 101-102: It is unclear what the authors mean when referring to BCA, a technique used in non-parametric bootstrapping, but the paper does not mention this.

- It is necessary to change the x-axis labels of all the figures as the numbers overlap; they should be written in a smaller font or otherwise eliminate some of them since they are not readable. I am talking about the figures referring to the histogram of the outliers.

- Page seven, line 146, it is better to write association instead of relationship.

- Page 7, line 154, the authors should specify what they mean by compatible regression models.

- Page 7, code of the first chunk, the authors use the iqr method, but this is not discussed above. They must add details of all the methods they show in the output.

- Page 9, line 247, it is difficult to follow the discussion for those unfamiliar with the R datawizard package. What does it do? How does the proposed function tie in with those in the package?

- Page 10, line 272, what does "Registration" mean?

- Check the reference style because it is not uniform



