Review of: "Feature Selection and Classification of Type II Diabetes on High Dimensional Dataset"

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Potential competing interests: No potential competing interests to declare.

The subject of this study is very interesting; unfortunately, the article is not well written. Here are some remarks that you may find helpful.

The proposed architecture is not well described; Python and its libraries should not be discussed in this section. It should discuss the experimental design used, highlight the techniques applied for each task (preprocessing and classification), and provide the parameters used for each technique.

The related work section is poor; maybe it would be better if the authors discuss 2 or 3 articles related to the subject discussed.

There is no need for a "the methodology followed" section; I suggest adding the code used in the annex.

The results section is not well described; it should be accompanied by charts or a table summarizing the findings and providing a comparison between the different results obtained. Moreover, the authors did not discuss the findings of this study.

The authors mentioned the use of six classifiers; thus, only results regarding NB are displayed.

The conclusion section is not well written; normally, it should summarize the article, not discuss results. Figure 4 is not readable.

In the conclusion, the authors mentioned the use of "the Univariate Selection method," which was not cited in the proposed architecture. How does it work? Why the use of this technique, knowing that there are various techniques that can be used and maybe achieve better results?