

Reviewer Comments to the author (s)

Title: Novel statistically equivalent signature-based hybrid feature selection and ensemble deep learning LSTM and GRU for chronic kidney disease classification

Basic reporting

1. The research work meets its goals and makes a valuable contribution.
2. The suggested work focused on deep learning, ensemble, and classification methods for CKD prediction.
3. The significance and goal of the suggested research must be stated by the authors.

What is the need for the proposed effort, given the abundance of improved CKD prediction techniques now available?

4. The research gap is not clearly defined; hence the authors must provide evidence for the necessity of the suggested task.
5. The abstract and conclusion sections need to be revised in light of the completed work.
6. Why is the use of ensemble techniques necessary?
7. For a small improvement in the outcomes, particularly accuracy when employing several strategies What's the estimated time and expense? Justify
8. The analysis of deep learning and ensemble studies has to be added to the literature review.
9. The authors need to explain why they choose to use particular techniques. Why did the authors select the current research techniques?

Experimental design

1. The introduction and abstract sections need to include an explanation of the proposed research work
2. A general grammatical check is necessary
3. The writers stated that choosing a characteristic is a crucial responsibility. An explanation of the attribute selection and its outcomes is required.
4. A description of the data set is necessary.
5. A model representation for the contributions is suggested

Validity of the findings

1. The unit representation in the tables is necessary.
2. Justify the SES and LESSO characteristics in the method.
3. There is uncertainty in every figure. The numbers ought to be obvious.
4. Explain the significance of group work and in-depth education.