

# Review of: "Chronic disease treatment default prediction with random sampling optimization."

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**Potential competing interests:** No potential competing interests to declare.

The research objective of the paper is to explore the performance of neural networks in predictive modeling using three sampling techniques (oversampling, under sampling, and combined sampling) in a medical data set with extreme class imbalance.

The author can consider below points to improve the paper quality.

1. The author may clearly state the purpose and method of the study in the abstract and emphasize its importance and innovation. Finally, the author should summarize the main findings of the study in the conclusion section, and propose directions and suggestions for future research.
2. More detailed experimental parameters and hyperparameter settings need to be provided.
3. The paper need to describe in detail the information of the data set, the data preprocessing steps, and how to collect and annotate the data.
4. The paper needs to explain the experimental method in more detail, such as the algorithm used, the criteria for model selection, and how to deal with outliers.