

Review of: "Implementing Machine Learning to predict the 10-year risk of Cardiovascular Disease"

Vishnu Vardhana Reddy Karna¹

¹ Aditya Engineering College

Potential competing interests: No potential competing interests to declare.

Firstly, thank you Editors for giving the opportunity to review this article.

The manuscript was prepared clearly and effectively. However, request the authors to go through the following comments.

1. Please remove the abbreviations in the abstract.
2. Found some abbreviations without the full form. Please provide the full forms of abbreviations at the first time and use the abbreviations throughout the manuscript.
3. Haven't discussed about the Table 2 in the manuscript. Understood that Table 2 is performance metrics of related works. Suggest to provide citations for each row.
4. Mentioned as APPENDIX 1 in the Table 2 label. But didn't any appendix in the manuscript.
5. There is not much difference in performance of ML algorithms with HPO (GSCV, RSCV) and with DHP. Please provide justification.
6. The performance metrics of related works (in Table 2) shows more accurate than the proposed work. Please justify.
7. Random Search and Grid Search are hyperparameter optimization techniques. But in the manuscript why the authors mentioned as Random Search Cross Validation and Grid Search Cross Validation.