

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

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Potential competing interests: No potential competing interests to declare.

The section that follows offers in-depth remarks on the paper titled "Machine Learning Models for Cardiovascular Disease Risk Prediction." The review's objective is to offer constructive feedback and a critical assessment of the study's methodology, results, and conclusions. Each comment is meant to help authors improve both the quality and importance of their research.

1. In the methodology section, authors have not mentioned any data processing phases.
2. Authors training data size is very much low amount.
3. Authors have not mentioned which features are most important features.
4. Authors had not compare your proposed model with existing state-of-art. You have compare only some of the well known machine learning models.
5. Author's article representation is not good, need to improve the quality of the article.
6. Very minor concentration has been given for Identifying problems in existing works.
7. The discussion provides a robust analysis of the study's findings, emphasizing the advantages of ML models over traditional approaches for CVD risk prediction. However, it could benefit from discussing the potential ethical considerations, biases, and challenges associated with implementing ML models in clinical practice to provide a more comprehensive perspective.