

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.

Review Report_10 year risk prediction of cvd_qeios

1. Abstract section: Research abstract section normally provides information about research question and research focus and how research question is addressed with brief results. Providing these could help raise reader's interest.
2. Figure 1. Project workflow diagram: show missing preprocessing sub-processes which make it too simplistic. Additionally, missing directional sign from applied models. Detailed flowchart diagram of the modeling process could create a better understanding for emphasis. Figure 1 does not fully show a normal modeling process.
3. Exploratory data analysis to provide detailed information about the dataset structure is necessary to understand performance evaluation metric(s) used.
4. Missing roc_auc curve graph for the models used.
5. Key research objective(s) is not clear, research gap identified is not clear and presentation needs improvement.