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

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Potential competing interests: No potential competing interests to declare.

This paper proposes five machine learning algorithms for chronic disease treatment with random sampling method. This work has good contributions but there are issues that must be tackled as listed below.

1) In subsection 2.1, a brief introduction about the dataset attributes would be more preferred before discussing EDA. Moreover, figure 2.2 is very vague. A paragraph that clearly describes what it is required.

2) In section 2.2, the data preprocessing stage, only one statement is provided. This section also contains Figures 2.3, whic is barely discussed. It is recommended that subsection 2.2 and Figure 2.3 are discussed in detail. Also, authors should include blocks in Figure 2.3 that are only implemented and experimented.

3) Subsection 2.3, figure 2.4 and figure 2.5 are generic discussions about ML types and training process. They should not included in the methods section. So they should be removed and placed in the introduction or literature review part.

4) The conclusion section should be modified to mention the main object of this research work.

5) There are many grammar errors in the entire paper. I encourage the authors to go through the entire paper and correct them.