Before paper submission

Study design (Part 1)	Completed: page number	Notes if not completed
The clinical problem in which the model will be employed is clearly detailed in the paper.	✔ 1	
The research question is clearly stated.	✔ 1	
The characteristics of the cohorts (training and test sets) are detailed in the text.	✔ 2	
The cohorts (training and test sets) are shown to be representative of real-world clinical settings.	✔ 1	
The state-of-the-art solution used as a baseline for comparison has been identified and detailed.	✔ 3	

Data and optimization (Parts 2, 3)	Completed: page number	Notes if not completed
The origin of the data is described and the original format is detailed in the paper.	✔ 2	
Transformations of the data before it is applied to the proposed model are described.	✔ 2	
The independence between training and test sets has been proven in the paper.	✔ 1	
Details on the models that were evaluated and the code developed to select the best model are provided.	✔ 2-3	
Is the input data type structured or unstructured?	✔ Structured ☐ Unstructured	

Model performance (Part 4)	Completed: page number	Notes if not completed
The primary metric selected to evaluate algorithm performance (e.g., AUC, F-score, etc.), including the justification for selection, has been clearly stated.	✔ 2-3	
The primary metric selected to evaluate the clinical utility of the model (e.g., PPV, NNT, etc.), including the justification for selection, has been clearly stated.	☐	N/A
The performance comparison between baseline and proposed model is presented with the appropriate statistical significance.	✔ 3	

Model examination (Part 5)	Completed: page number	Notes if not completed
Examination technique 1[a]	✔ 2-3	
Examination technique 2[a]	✔ 3-4	
A discussion of the relevance of the examination results with respect to model/algorithm performance is presented.	✔ 3-4	
A discussion of the feasibility and significance of model interpretability at the case level if examination methods are uninterpretable is presented.	✔ 4	
A discussion of the reliability and robustness of the model as the underlying data distribution shifts is included.	✔ 3-4	

Reproducibility (Part 6): choose appropriate tier of transparency		Notes
Tier 1: complete sharing of the code	✔	
Tier 2: allow a third party to evaluate the code for accuracy/fairness; share the results of this evaluation	☐	
Tier 3: release of a virtual machine (binary) for running the code on new data without sharing its details	☐	
Tier 4: no sharing	☐	