

Responsible NLP Checklist

Paper title: *ELTLM: Evaluation of Longitudinal Temporal Large Multimodal Models in Clinical Scenarios*

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How to read the checklist symbols:

- the authors responded 'yes'
- the authors responded 'no'
- the authors indicated that the question does not apply to their work
- the authors did not respond to the checkbox question

For background on the checklist and guidance provided to the authors, see the [Responsible NLP Checklist](#) page at ACL Rolling Review.

A. Questions mandatory for all submissions.

A1. Did you describe the limitations of your work?
This paper has a Limitations section.

A2. Did you discuss any potential risks of your work?
Ethical Considerations

B. Did you use or create scientific artifacts? (e.g. code, datasets, models)

B4. Did you discuss the steps taken to check whether the data that was collected/used contains any information that names or uniquely identifies individual people or offensive content, and the steps taken to protect/anonymize it?
Ethical Considerations

B6. Did you report relevant statistics like the number of examples, details of train/test/dev splits, etc. for the data that you used/created?
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C. Did you run computational experiments?

C2. Did you discuss the experimental setup, including hyperparameter search and best-found hyperparameter values?
We only use the API of the large model and deploy the open-source model without any fine-tuning.

C3. Did you report descriptive statistics about your results (e.g., error bars around results, summary statistics from sets of experiments), and is it transparent whether you are reporting the max, mean, etc. or just a single run?
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D. Did you use human annotators (e.g., crowdworkers) or research with human subjects?

D1. Did you report the full text of instructions given to participants, including e.g., screenshots, disclaimers of any risks to participants or annotators, etc.?
The annotators were researchers and the instruction provided to them was brief, task-specific guidance

The Responsible NLP Checklist used at ACL Rolling Review is adopted from NAACL 2022, with the addition of ACL 2023 question on AI writing assistance and further refinements based on ARR practice. ACL 2026 used a subset of ARR checklist form.

- D2. Did you report information about how you recruited (e.g., crowdsourcing platform, students) and paid participants, and discuss if such payment is adequate given the participants' demographic (e.g., country of residence)?

The annotators were recruited through personal connections and payment was provided at a rate consistent with local part-time compensation standards. However, detailed recruitment and payment records were not systematically documented during the process, so relevant information is not reported in this work.

- D3. Did you discuss whether and how consent was obtained from people whose data you're using/curating (e.g., did your instructions explain how the data would be used)?

The data used in this study is derived from the MIMIC-CXR dataset, which is publicly distributed via PhysioNet under pre-approved data use protocols. Consent for research use of this dataset was already obtained by the original data curators (as part of MIMIC's institutional review board approval), so no additional consent procedures were required or documented for this work.

- D4. Was the data collection protocol approved (or determined exempt) by an ethics review board?

The data used in this study is the publicly available MIMIC-CXR dataset, which was originally approved by the institutional review board (IRB) of the Massachusetts Institute of Technology (MIT) and Beth Israel Deaconess Medical Center (BIDMC) (as part of the MIMIC projects ethical review). Since we only reused this pre-approved public dataset (without conducting additional data collection), our study did not require separate ethical review board approval.

- E. Did you use AI assistants (e.g., ChatGPT, Copilot) in your research, coding, or writing?**

- E1. If you used AI assistants, did you include information about their use?