

Full Screening Questions

* Required

1. Number - Author Year

*

I.e., **#1125 - Wang 2021**

2. Full Title of Paper

*

3. Concrete medical supervised Machine Learning usecase?

☐ Yes

☐ **No -> Exclude from review and submit form**

4. Which XAI method is used?

☐ **None -> Exclude from review and submit form**

☐ SHAP

- ☐ LIME
- ☐ Model is **intrinsic** interpretable (i.e., decision tree or linear regression)
- ☐ **Own method** developed
- ☐ Testing Concept Activation Vectors
- ☐ Random Forest Feature Importance
- ☐ Partial Dependence Plots
- ☐ DeepLift
- ☐ Permutation Importance
- ☐ Class Activation Mapping *or related* (i. e., Grad-CAM)
- ☐ Layer-Wise Relevance Propagation
- ☐ Other

5. Tabular or Image data as input?

- ☐ **Tabular** (includes EEG, ECG, time-series data)
- ☐ **Image** data (includes video data)
- ☐ **Audio** -> Exclude from review and submit form
- ☐ **Text**-> Exclude from review and submit form

6. **Who is potentially able to understand** the XAI method?

- ☐ Developers (Data Scientists or ML Engineers)
- ☐ Domain experts
- ☐ Patients
- ☐ Other stakeholders not mentioned above

☐ Other stakeholders not mentioned above

7. How well is the **Machine Learning pipeline** described? (1 = Not Described, 3 = Elaborately described)

1 2 3

8. Source **Code** provided?

- ☐ Yes
- ☐ No
- ☐ Upon request

9. **Data** available?

- ☐ Yes
- ☐ No
- ☐ Upon request

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