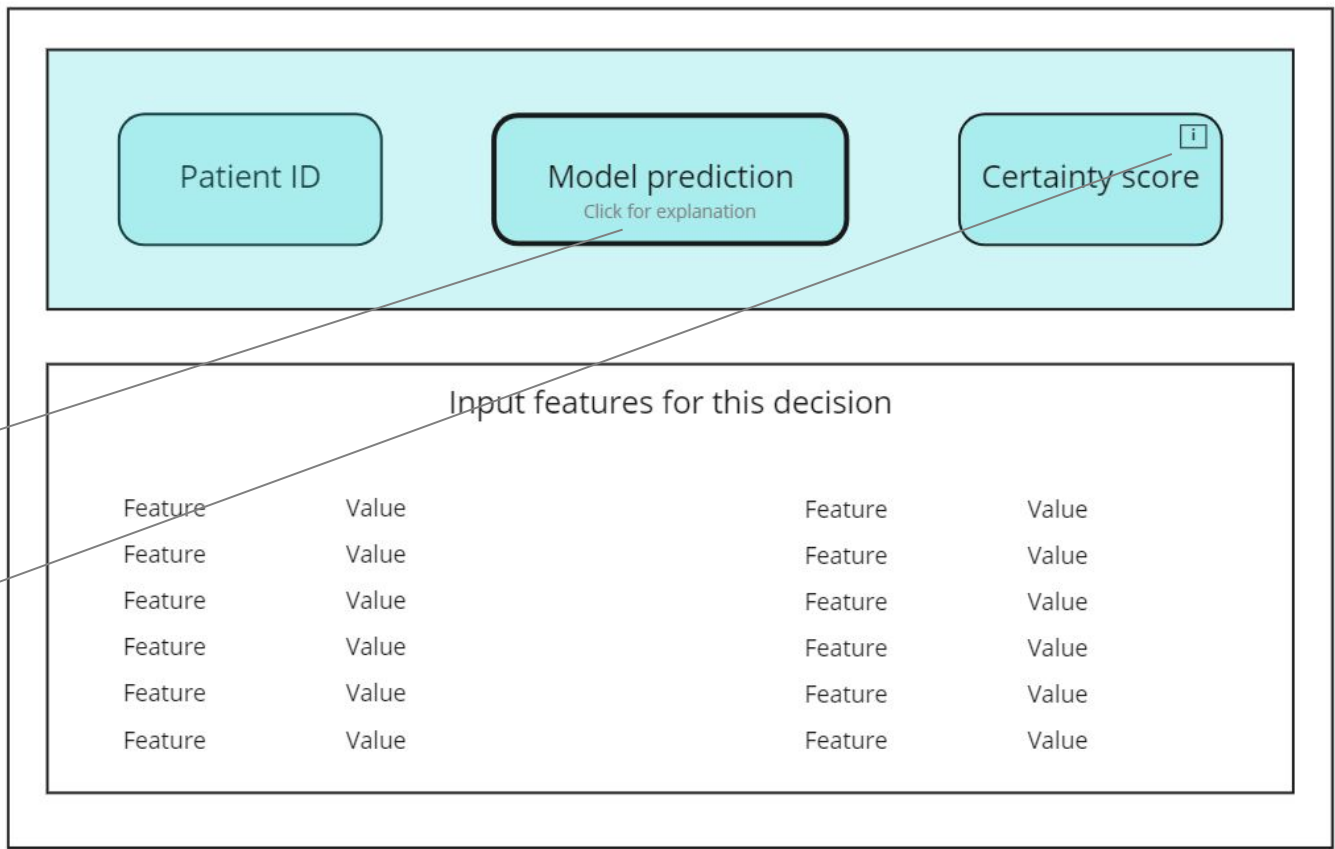
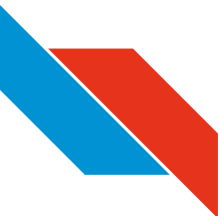


Trust in AI in Healthcare: Exploring the Influence of Dashboard Presentation on Trust

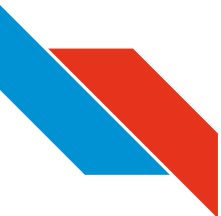
Scientific Research Project 22/23
Tina Wünn



Basic
information.

Explanation on
request.

Information on
certainty score
on request.



After requesting
explanation.

Feature
attribution.

No. of features
adjustable.

Patient ID

Model prediction

Certainty score i

Important features

Explore

Counterfactual

Supplementary info

The 5 most influential features for this decision

1. Feature	Value	Attribution score
2. Feature	Value	Attribution score
3. Feature	Value	Attribution score
4. Feature	Value	Attribution score
5. Feature	Value	Attribution score



User can manually change feature values to see how model prediction and certainty score adapt.

Patient ID

Model prediction

Certainty score i

Important features

Explore

Counterfactual

Supplementary info

Input features

Change the patient's features to see how the prediction changes

	Original	
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value

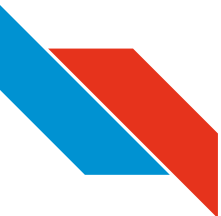
Original

Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value

Prediction

Model prediction

Certainty score



Patient ID

Model prediction

Certainty score i

Important features

Explore

Counterfactual

Supplementary info

Counterfactual

The minimal changes to the input features that lead to a different prediction

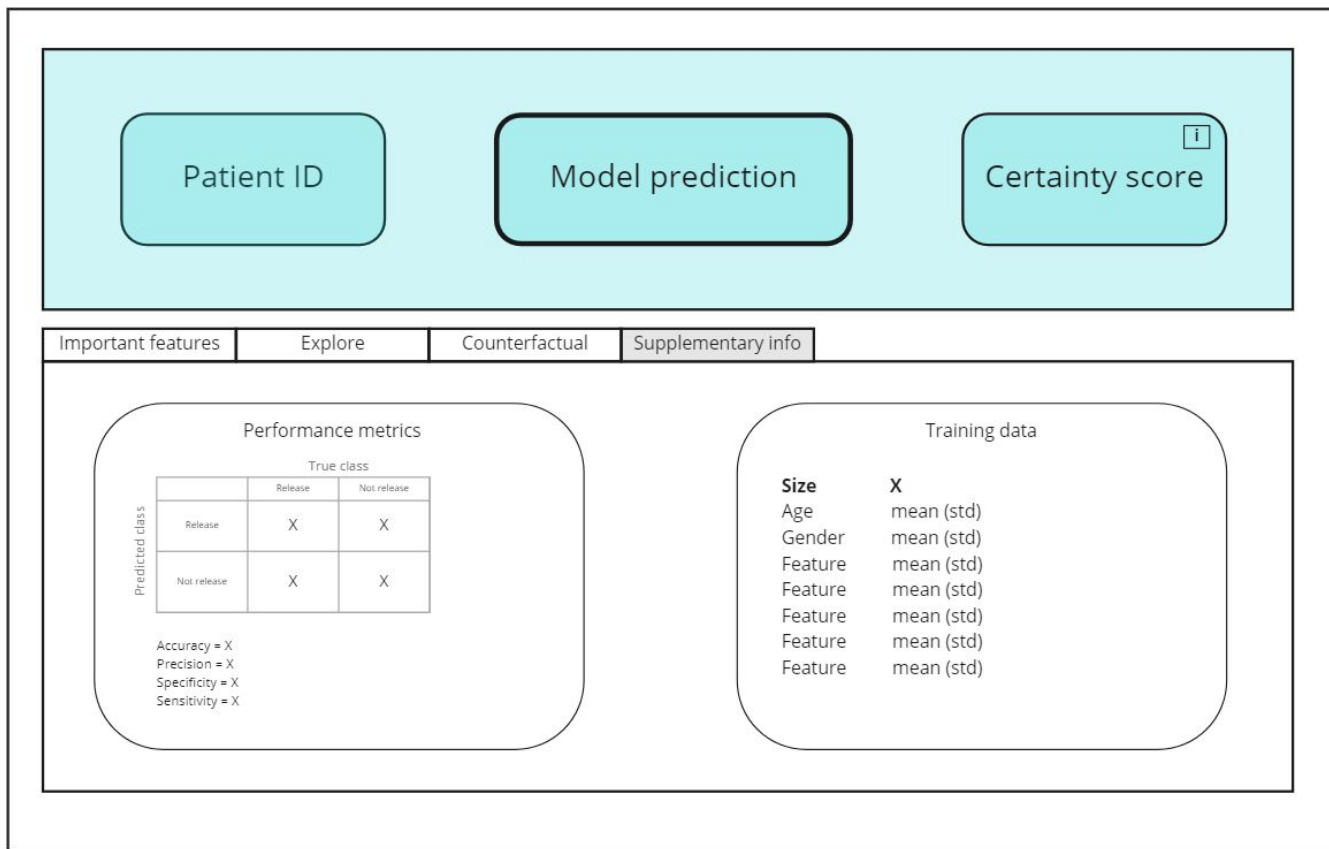
	Original	Counterfactual
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value
Feature	Value	Value

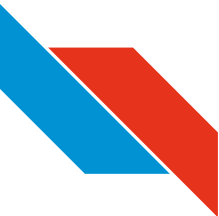
Prediction

Model prediction
Certainty score

Show counterfactual example.

Highlight feature values that differ from original.





Other design elements

Change colour of model output based on prediction result



Certainty score as a radial gauge

