

## Objective questions

### Understanding explainer methods

TPs need to fill in this questionnaire on paper while exploring the screen

Q1: In the sample data, during which time range the target value is minimum? - \_\_\_\_\_  
In the historical data, during which time range the target value is maximum? \_\_\_\_\_

Q2: At which time range, the prediction aligns with target value=26?

Q3: For which process parameter/feature, the value is around 150 at 50 minutes before the current time?

Q4: Which feature seems to be the most important on the algorithm prediction for the current moment?

Q5: During the time period where the kappa value (sample to explain) is roughly stable, what is the maximum deviation from the historical sample that the most important feature gets from the sample to explain? (can write down the steps if you like)

## Subjective satisfaction survey

1. I understood the counterfactuals within the context of the question. (1 fully disagree, 7 fully agree)

1	2	3	4	5	6	7
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2. I understood the feature importance within the context of the question.

1	2	3	4	5	6	7
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3. The explanations (counterfactual and feature importance) were actionable, meaning, they helped me know how to answer the questions.

1	2	3	4	5	6	7
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4. The displayed information/visualization increased my understanding of why the model produced its predictions.

1	2	3	4	5	6	7
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5. Which explanations helped me increased my understanding of why the model produced its predictions.

- Counterfactual
- Feature importance
- Counterfactual and feature importance
- Neither counterfactual nor feature importance
- Other

6. The displayed information/visualization helped me finding out what adjustment could I make in the context of questions.

1	2	3	4	5	6	7
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7. Which explanations helped me find out what adjustment to make in the context of questions.

- Counterfactual
- Feature importance
- Counterfactual and feature importance
- Neither counterfactual nor feature importance
- Other

8. The prototype is missing important information that I normally consider when trying to [predict kappa/predict concentration/determine relevance of a ticket/etc.].

1	2	3	4	5	6	7
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