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Human Computer Interaction

Explainable Online Validation of Machine Learning Models for Practical Applications
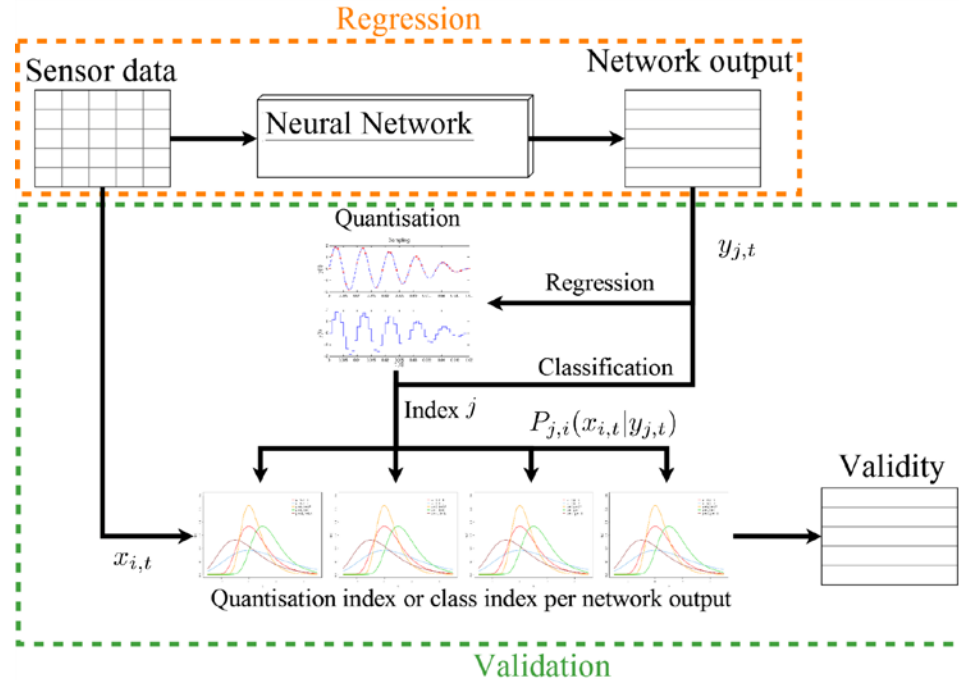
Introduction

- ML in industrial applications
    - Does it work on the current data?
    - Have we seen similar data before?
    - Why is the result valid/invalid?

- Explainable by the training data set and the model output
    - The current data is similar to X in our data set
    - Our model have seen X and has an accuracy of Y with deviation Z
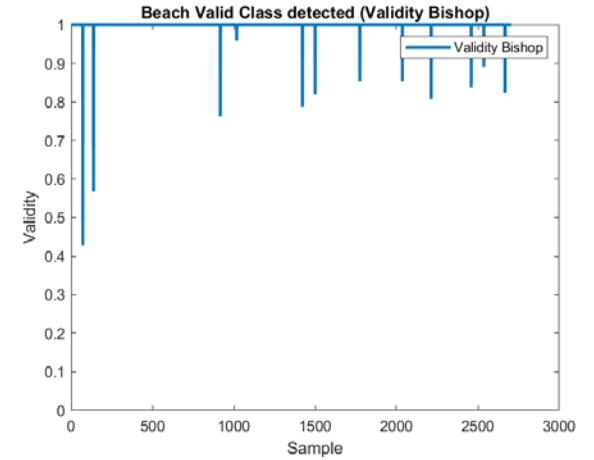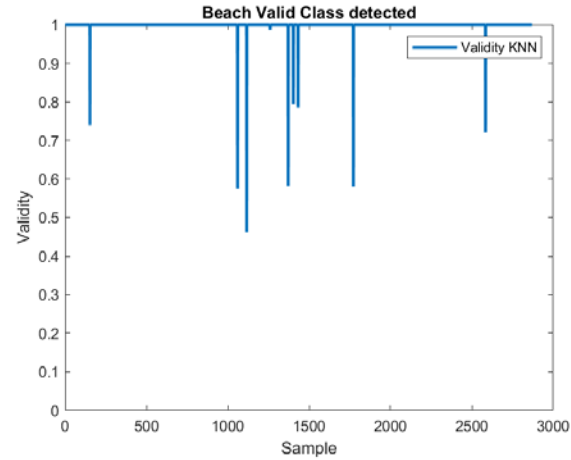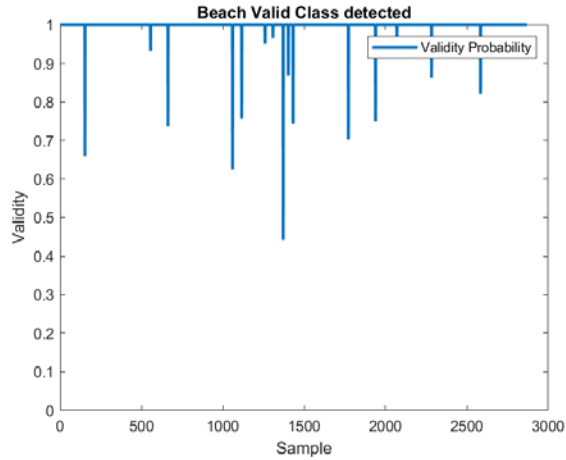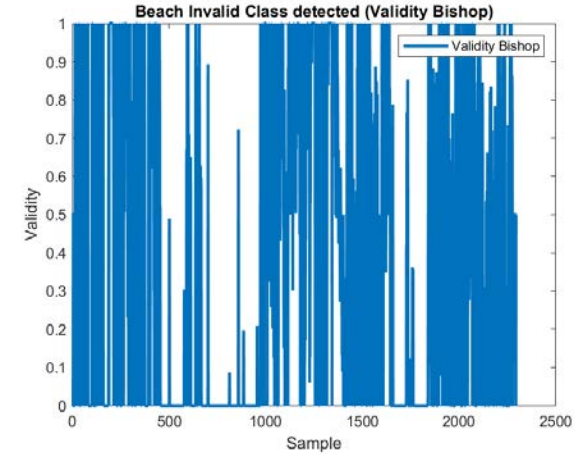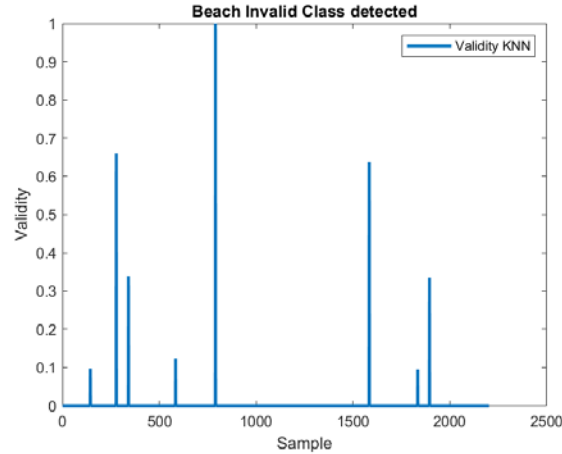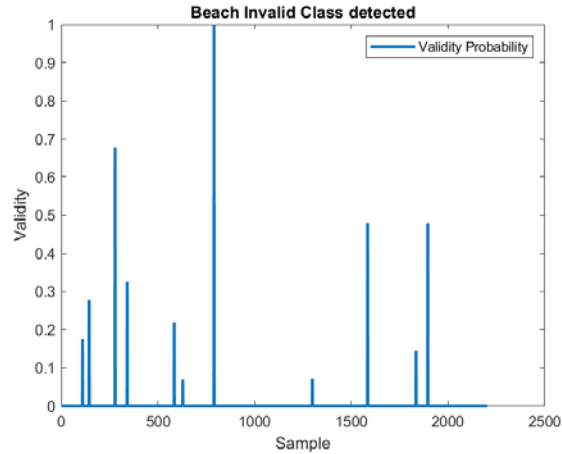
Proposed algorithm

Results classification

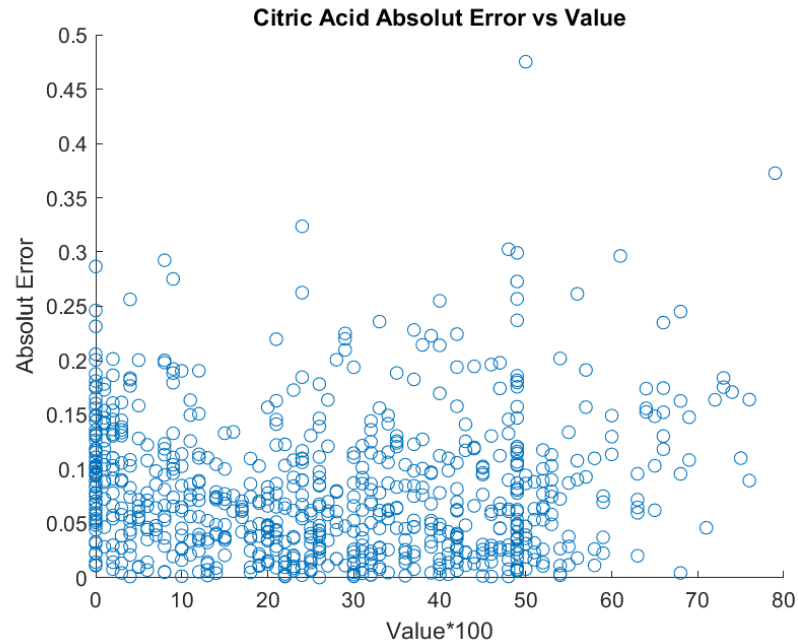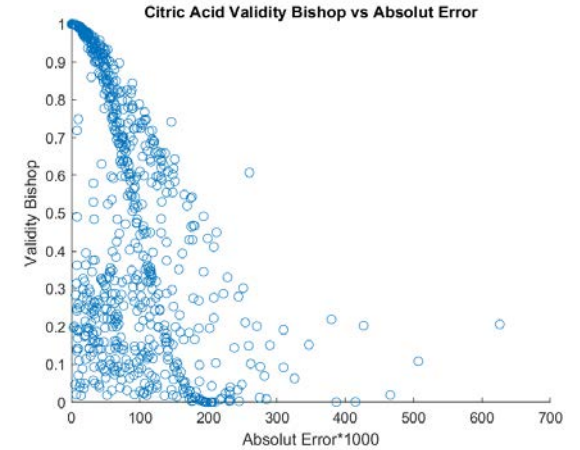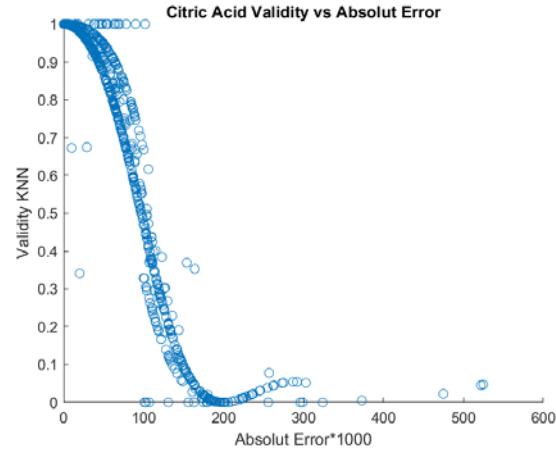# Results classification
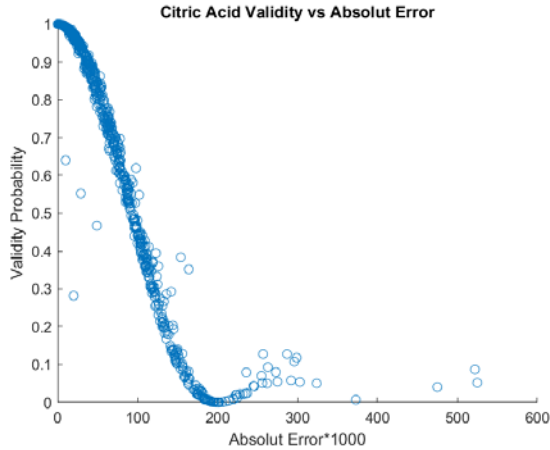
Results classification

Results regression

Results regression

Thank you for your attention!