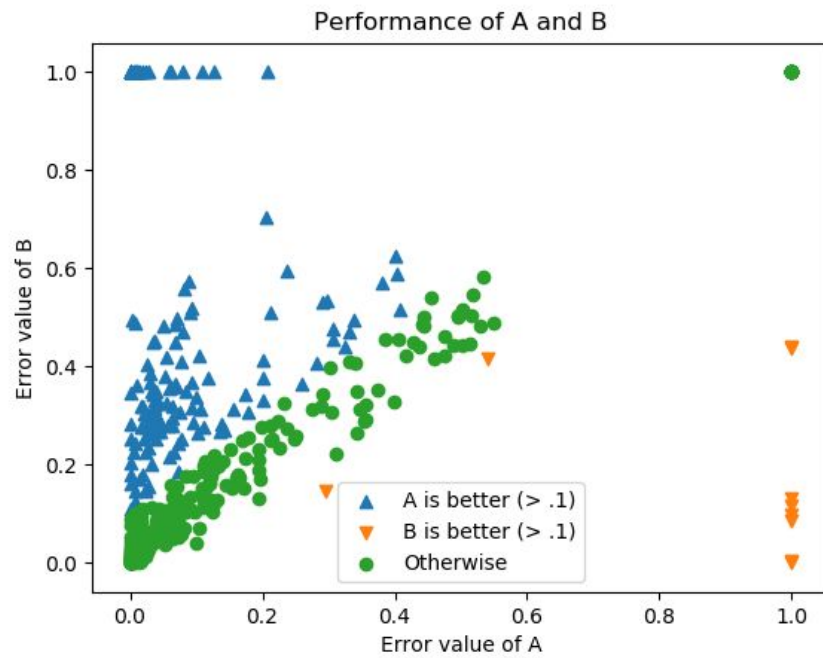


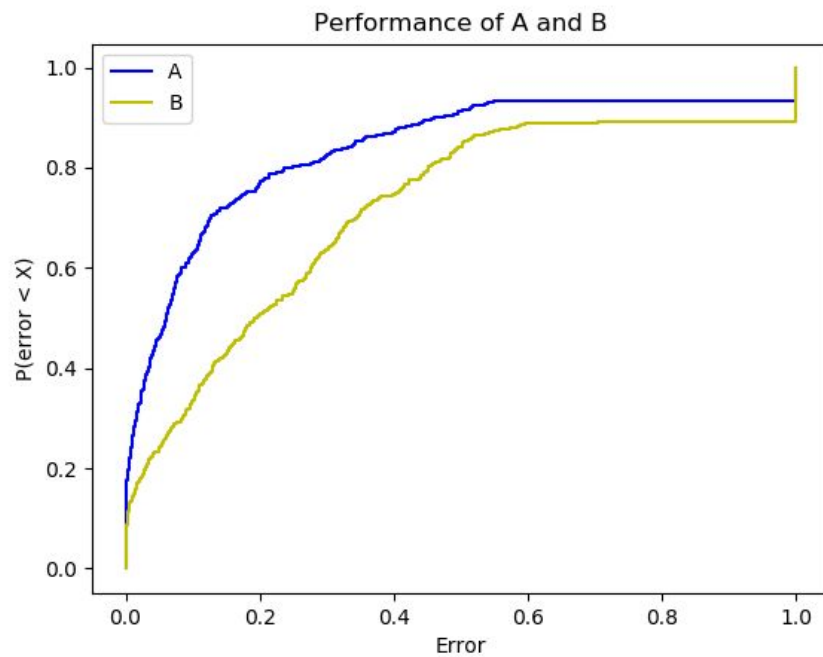
## Exercise 3 : Visualization and Evaluation

Date : 16.05.2019

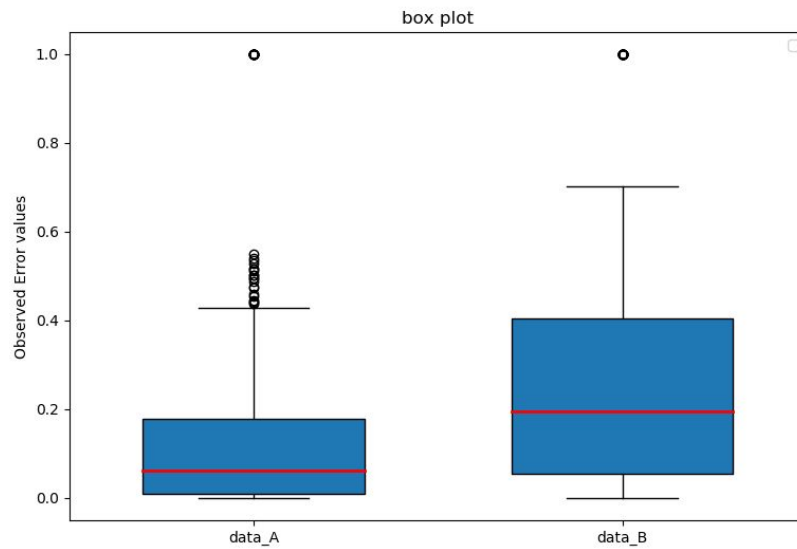
Part a :scatter plot



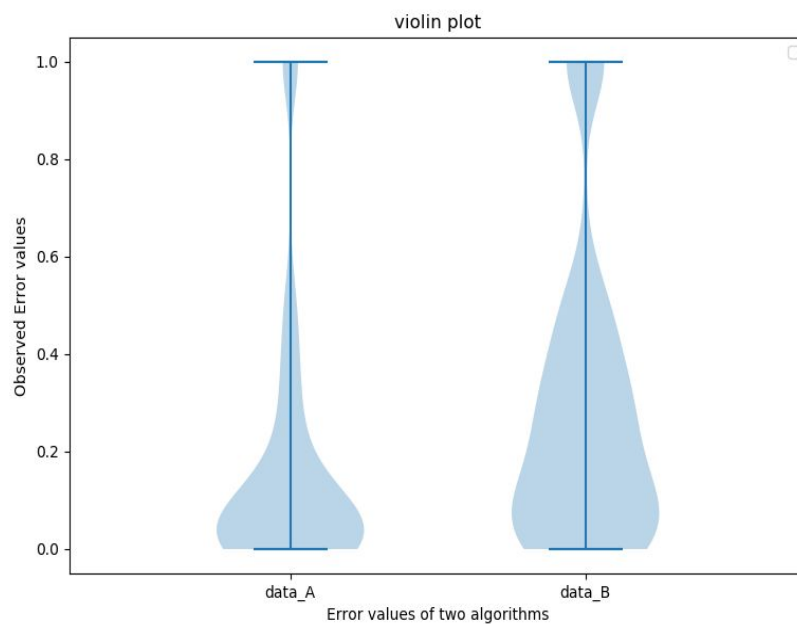
Part b :ecdf



Part c :Box\_plot



Part c :violin\_plot



A **violin plot** is more informative than a **box plot**. While a **box plot** only shows summary statistics such as mean/median and interquartile ranges, the **violin plot** shows the full distribution of the data.

Part d :Paired permutation test	<p>Ho : that the mean of A is better than mean of B</p> <p>H1 : that the mean of B is better than mean of A</p> <p>Alpha = 0.01</p>
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Feedback :

Duration : It took one day

What you learned : Visualizing the data correctly and getting to know different type of plots.

Improvement : A wonderful exercise, a lot to learn

Group : SS19-gr05

Group Members:

Manav Madan

Stefan Möhrle