Usage

Check the file u_shapelet.ipynb for tutorial.
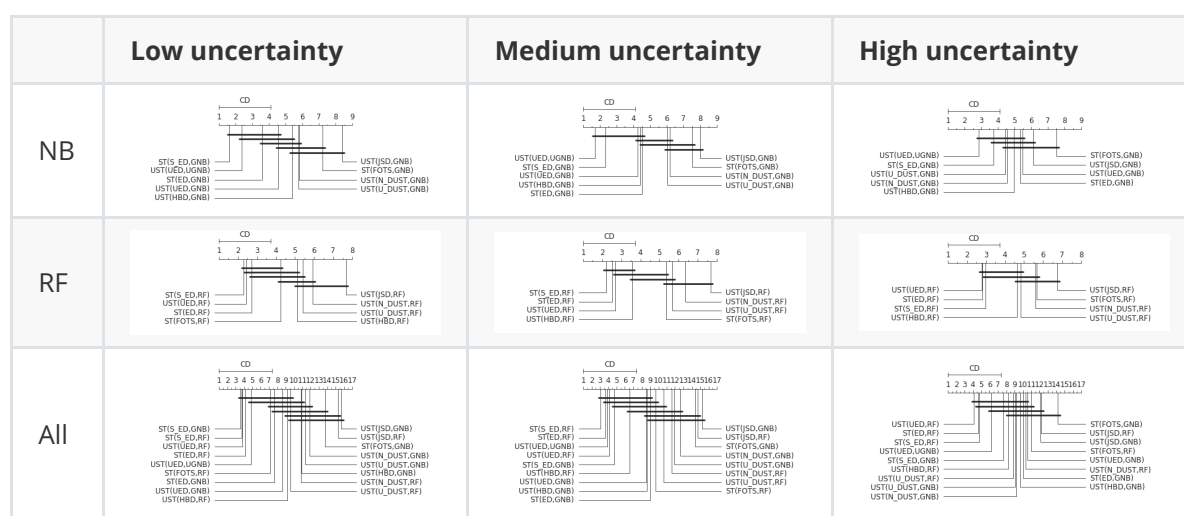
Rerun the experiment using the file run_in_parallel.py.

The datasets: uncertain-dataset.tar.gz

Results

- The accuracy of each considered method and each uncertainty level is here: all_results.csv

Critical difference diagrams of models accuracy rank(lower is better)

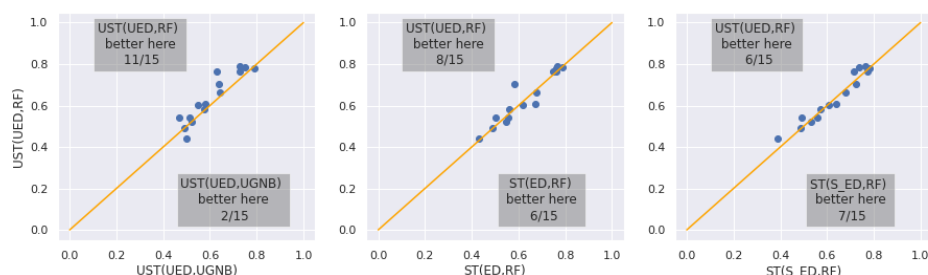|	Low uncertainty	Medium uncertainty	High uncertainty
NB			
RF			
All			

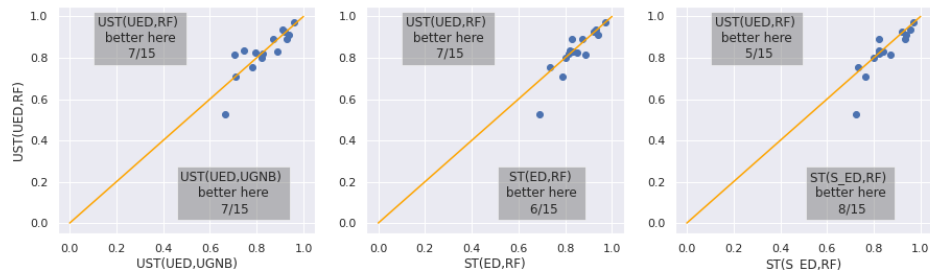## Accuracy scatter plots of UST(UED,RF) vs others

- Low uncertainty

- Medium uncertainty

- High uncertainty

Critical difference diagrams of models log loss (lower is better)

	Low uncertainty	Medium uncertainty	High uncertainty
NB			
RF			
All			

Dependencies

- imbalanced-learn=0.7.0
- numpy==1.19.5
- pandas==1.2.0
- sktime==0.5.1