# Sleep-2-Learn: Learning Analysis (extended)

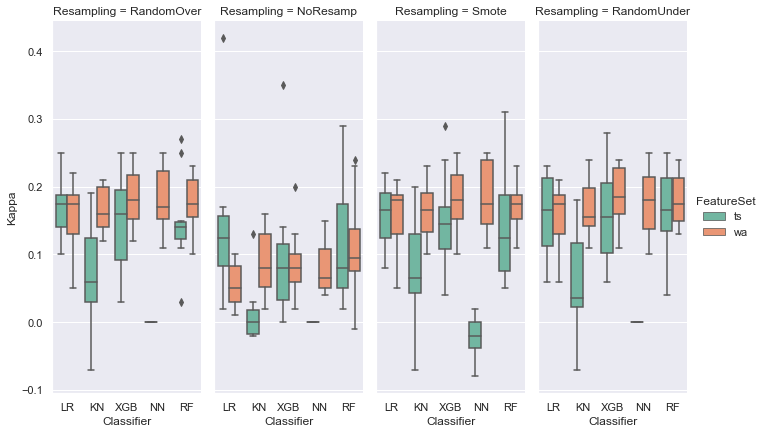
## Experiment I – Interplay of ML Algorithms and Resampling Techniques

##### AUC

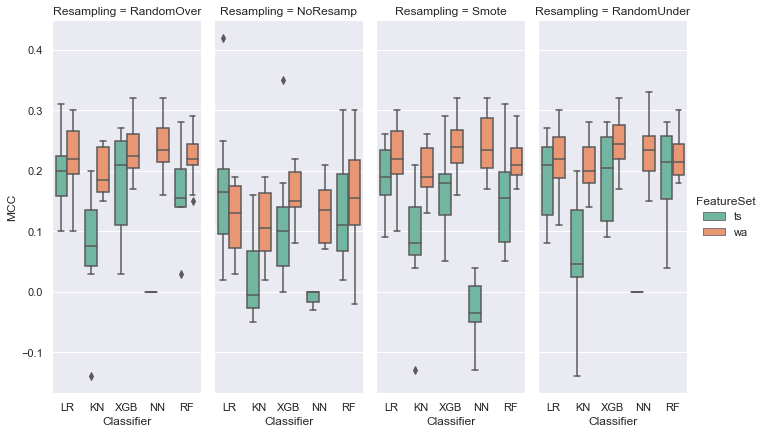
Chart, box and whisker chart

Description automatically generated

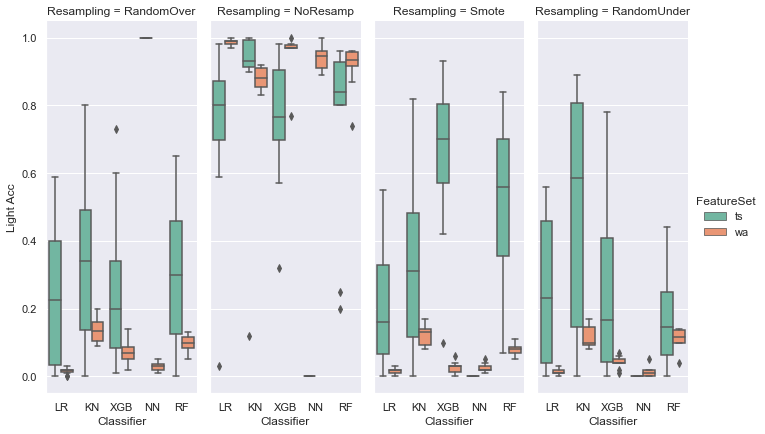
##### Kappa



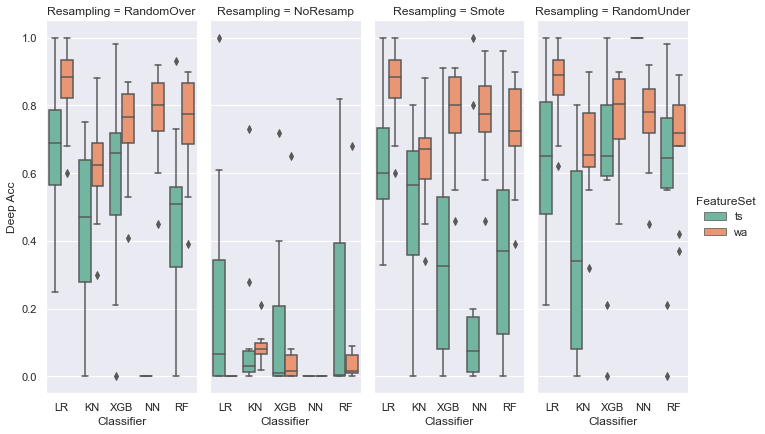
##### MCC



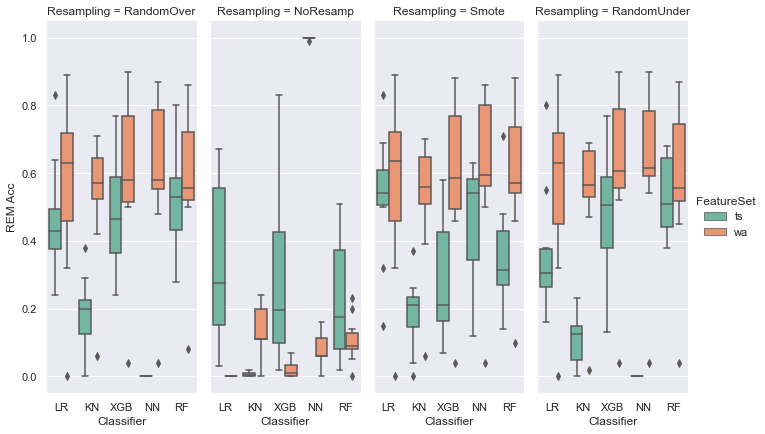
##### Light Acc



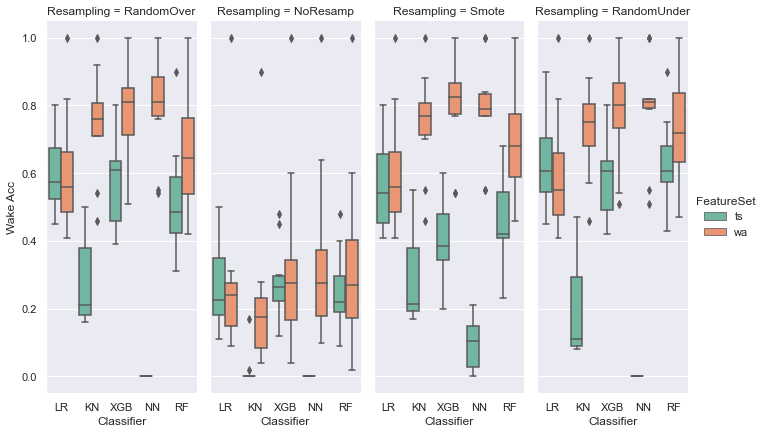
##### Deep Acc



##### REM Acc



##### Wake Acc



## Experiment II – Changes in Epoch size and Resampling with XGBoost algorithm

##### AUC

Chart, box and whisker chart

Description automatically generated

##### Kappa

Chart, box and whisker chart

Description automatically generated

##### MCC

Chart, box and whisker chart

Description automatically generated

##### Light Acc

Chart, box and whisker chart

Description automatically generated

##### Deep Acc

Chart, box and whisker chart

Description automatically generated

##### REM Acc

Chart, box and whisker chart

Description automatically generated

##### Wake Acc

Chart, box and whisker chart

Description automatically generated

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