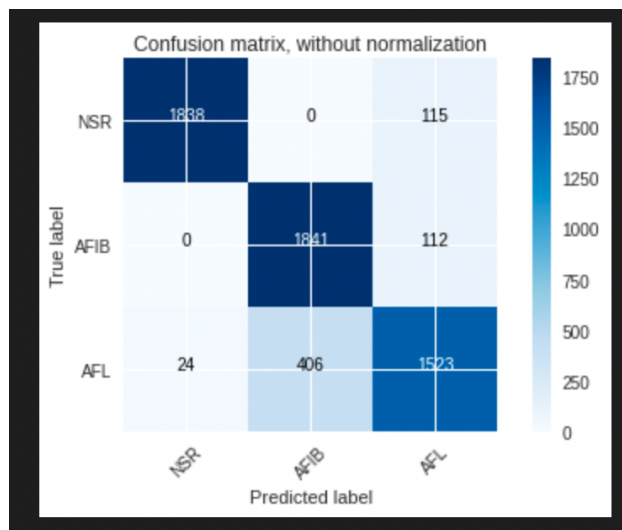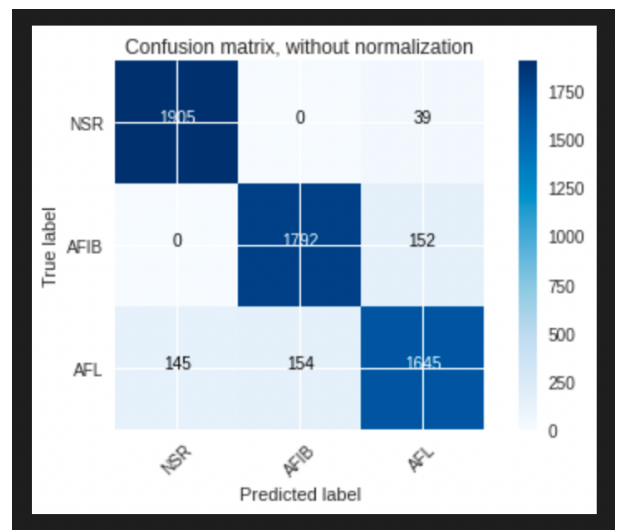# Arrhythmia Detection using ResNet model

(3 class- 10 Fold Cross Validation Confusion Matrix)

This depicts that data is divided into 10 parts, out of which 9 parts are used to train and validate the model, While the 1 left out part(test set-unseen to the model completely) is used to check final accuracy.
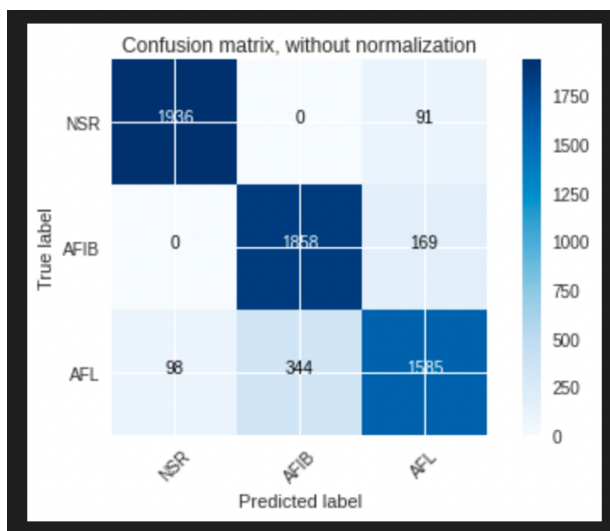
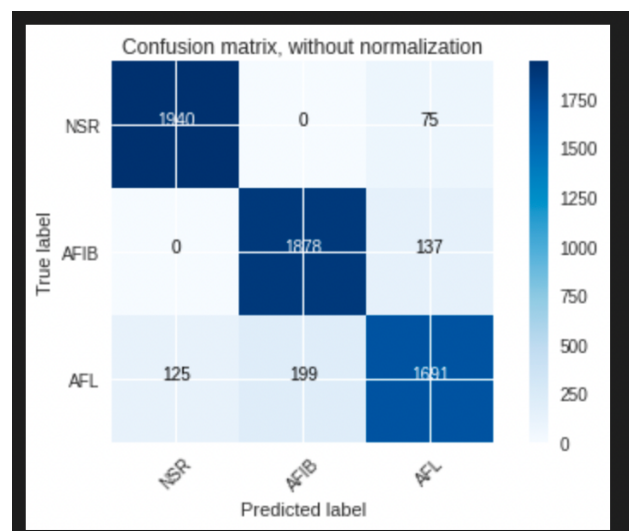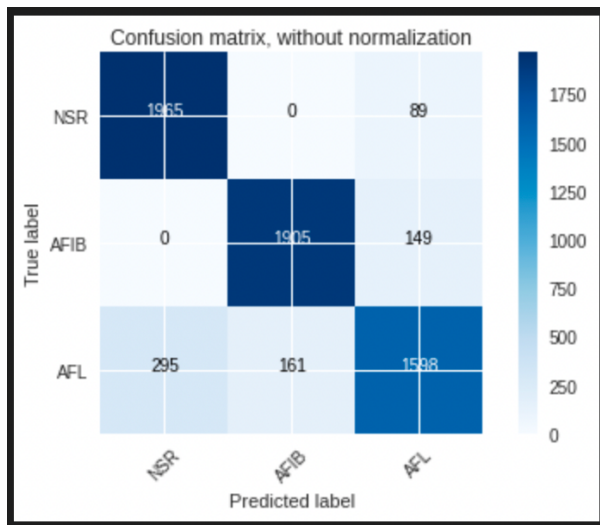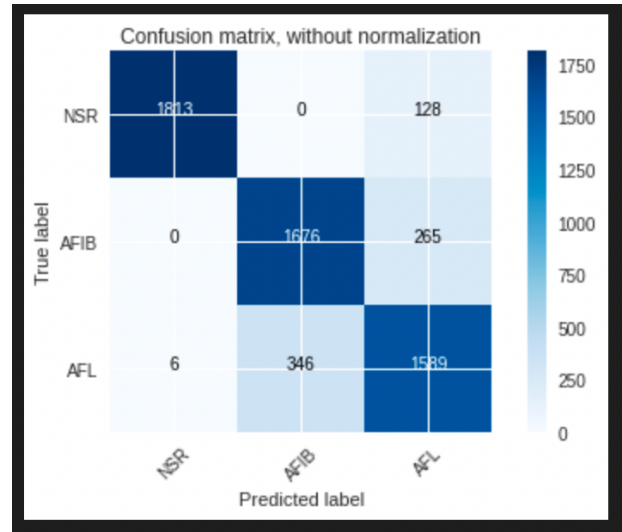Fold 1 – 89%   Fold 2 – 92%
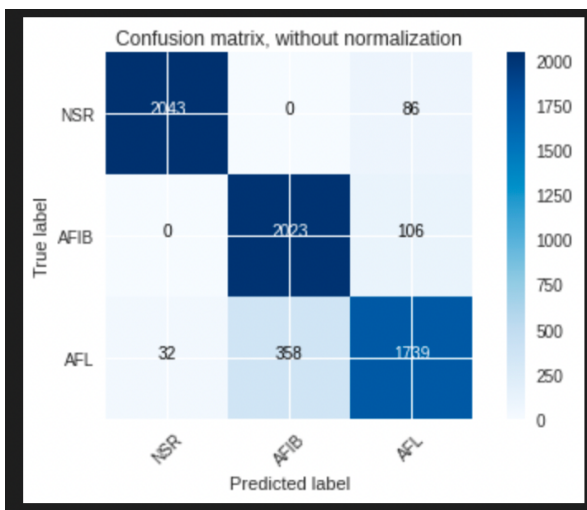

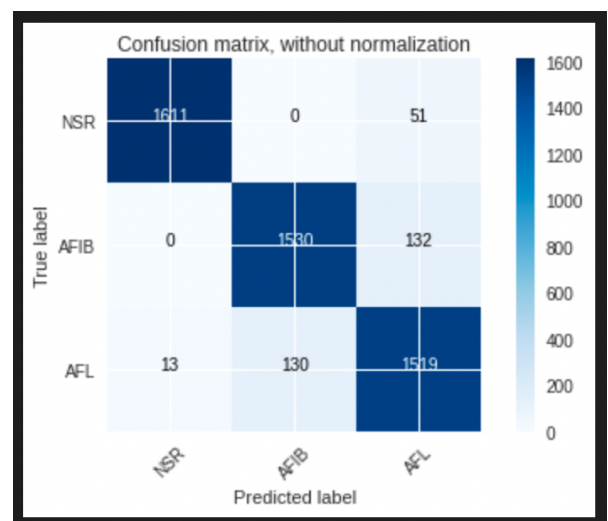Fold 3 – 88%   Fold 4 – 91%

Fold 5 - 89%

Confusion matrix, without normalization

Fold 6 – 87%

Confusion matrix, without normalization

Fold 7 - 91%

Confusion matrix, without normalization

Fold 8 – 93%

Confusion matrix, without normalization

Fold 9 - 89%

Confusion matrix, without normalization

Fold 10 – 88%

Confusion matrix, without normalization
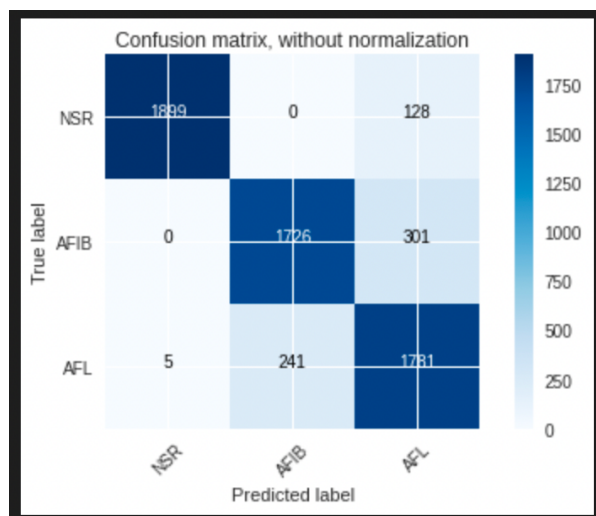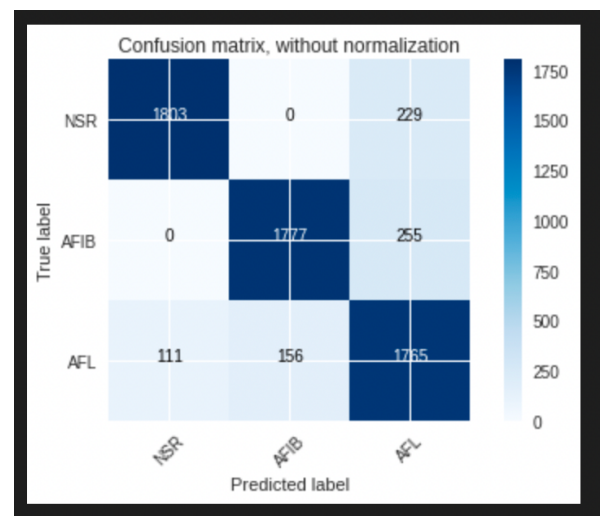
Final Accuracy across 10 fols: [89.0, 92.0, 88.0, 91.0, 89.0, 87.0, 91.0, 93.0, 89.0, 88.0]