Resut Chew journal

* Various parameters have been tested. For example, number of kernels in convolutional layers from 32 kernels to 256 kernels; hidden nodes in blstm from 32 units to 400 units.
* The model is trained with a learning rate of 0.001, weight decay of 0.0001, for overfitting issue and 30 epochs
* ## save all the weka results in different sub-folder according to the settings below

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **UCI** | | **WISDM** | |
| **Classifier** | **C3-P-B**  **(FYP algo 2)** | **C3-P-B**  **timeDist n-step =2** | **C3-P-B**  **timeDist n-step =2** | **C3-P-B**  **(FYP algo 2)** |
| **Logistic Regression** | 90.30% | 90.57 % | 85.87% | 90.19% |
| **SVM** | 91.25% | 91.99%  92.13%(linear)  (polynomial)  92.03%(radial)  92.03%(sigmoid) | 86.82%  86.94%(linear)  (polynomial)  87.73%(radial)  87.67%(sigmoid) | 89.90% |
| **Random Forest** | 90.53% | 92.26% | 87.21% | **90.22%** |
| **Naive Bayes** | 91.31% | 90.16% | 85.86% | 85.21% |
| **Multilayer Perceptron** | **91.86%** | 91.62% | 86.19% | 87.91% |
| **kNN (Ibk) - distance Scaled Manhattan** | 88.60% | 91.45% | 86.06% | 86.01% |
| **kNN (Ibk) - distance Euclidean** | 88.53% | 91.14% | 86.27% | 86.44% |
| **Bayesian Network** | 90.70% | 91.69% | 87.29% | 85.48% |
| **J48** | 88.70% | 88.70% | 85.12% | 85.97% |