## LSTM

Accuracy=0.927

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **TPR** | **FPR** | **Precision** | **Recall** | **F1** | **AUC** |
| **Class0** | 0.934 | 0.078 | 0.908 | 0.934 | 0.921 | 0.928 |
| **Class1** | 0.990 | 0.000 | 1.000 | 0.990 | 0.995 | 0.935 |
| **Class2** | 0.679 | 0.034 | 0.731 | 0.679 | 0.704 | 0.820 |

## RNN

Accuracy=0.863

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **TPR** | **FPR** | **Precision** | **Recall** | **F1** | **AUC** |
| **Class0** | 0.849 | 0.125 | 0.849 | 0.849 | 0.849 | 0.862 |
| **Class1** | 0.990 | 0.000 | 1.000 | 0.990 | 0.995 | 0.879 |
| **Class2** | 0.464 | 0.078 | 0.448 | 0.464 | 0.456 | 0.691 |

## MLP

Accuracy=0.868

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **TPR** | **FPR** | **Precision** | **Recall** | **F1** | **AUC** |
| **Class0** | 0.925 | 0.180 | 0.810 | 0.925 | 0.863 | 0.872 |
| **Class1** | 0.990 | 0.000 | 1.000 | 0.990 | 0.995 | 0.883 |
| **Class2** | 0.214 | 0.039 | 0.429 | 0.214 | 0.286 | 0.585 |