1.各个实验DGA,DNS,IOT的对比结果

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Accuracy | Precision | recall | F1-score | Time |
| NAS | **0.9857** | **0.9857** | **0.9857** | **0.9857** | **5.2.17** |
| Lstm(CCFB) | 0.9694 | 0.9690 | 0.9694 | 0.9690 | 31.36\*90 |
| CNN+LSTM(CCFC) | 0.9473 | 0.9165 | 0.9473 | 0.9309 | 42.45\*108 |
| Bilstm\_attention(CCFC) | 0.8701 | 0.7892 | 0.8701 | 0.8258 | 55.32\*270 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Accuracy | Precision | recall | F1-score | Time |
| NAS | **1.0000** | **1.0000** | **1.0000** | **1.0000** | **17.2.4** |
| LSTMCCFB) | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 1.56.6\*60 |
| CNN(CCFC) | 0.9993 | 0.9993 | 0.9993 | 0.9993 | 2.8.25\*90 |
| DNN(CCFC) | 0.9994 | 0.9994 | 0.9994 | 0.9994 | 1.34.35\*162 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Accuracy | Precision | recall | F1-score | Time |
| NAS | 0.9999 | 0.9999 | **0.9999** | **0.9999** | **36.31.12** |
| DNNCCFA) | 0.9935 | 0.9934 | 0.9935 | 0.9934 | 3.33.50\*72 |
| CNN(CCFB) | 0.9927 | 0.9925 | 0.9926 | 0.9927 | 2.4.47\*648 |
| RNN(CCFC) | 0.9930 | 0.9930 | 0.9929 | 0.9930 | 1.59.13\*486 |