**Supplementary Table S2.** Hyperparameters setting

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Length | Accuracy | AUROC | AUPR | Recall | Precision | F1-score |
| 256 | 0.8571 | 0.9199 | 0.9146 | 0.6250 | 1.0000 | 0.7692 |
| 512 | 0.8571 | 0.9193 | 0.9140 | 0.6250 | 1.0000 | 0.7692 |
| 1024 | 0.8571 | 0.9228 | 0.9127 | 0.6250 | 1.0000 | 0.7692 |
| Unit | Accuracy | AUROC | AUPR | Recall | Precision | F1-score |
| 64 | 0.8571 | 0.8938 | 0.9008 | 0.6250 | 1.0000 | 0.7692 |
| 128 | 0.8571 | 0.9199 | 0.9146 | 0.6250 | 1.0000 | 0.7692 |
| 256 | 0.8571 | 0.9186 | 0.9120 | 0.6250 | 1.0000 | 0.7692 |
| 512 | 0.8571 | 0.9191 | 0.9138 | 0.6250 | 1.0000 | 0.7692 |
| 1024 | 0.8571 | 0.9148 | 0.9083 | 0.6250 | 1.0000 | 0.7692 |

Note: AUROC: the area under ROC curve; AUPR: the area under PR curve.