

LIST OF TABLE

Table 2. 1 Accuracy results after using Hyperparameter Tuning.	19
Table 2. 2 List of Features in the InSDN Dataset	27
Table 2. 3 Impact of Attacks on SDN	34
Table 2. 4 Proportion of Attack Categories in the InSDN Dataset	35
Table 3. 1 Previous Research using Hyperparameter Tuning.....	38
Table 3. 2 Comparison of Several Datasets.	40
Table 3. 3 Comparison of Several Feature Selection.	41
Table 3. 4 Hyperparameters and its Values	42
Table 3. 5 Dataset Splitting into Training Set and Testing Set.	44
Table 3. 6 Selected Features.....	44
Table 4. 1 Experiment to find the optimal value for Hyperparameter.	48
Table 4. 2 Optimal Hyperparameter Value.	50
Table 4. 3 Performance Evaluation of Hyperparameter Random Forest.	50
Table 4. 4 Performance Evaluation of Each Algorithm.	51
Table 4. 5 Comparison of Training Time.....	54
Table 4. 6 Comparison of Hyperparameters and Accuracy from Previous Research.....	54
Table 4. 7 Comparison of the Accuracy Values of Several Datasets.....	55