

## Višeklasna klasifikacija bez benignih podataka

### Current relation

Relation: ALL\_CICFLOW\_TRAIN\_MULTI\_NO\_BEN

Instances: 21996

Attributes: 79

Sum of weights: 21996

### Selected attribute

Name: classification

Missing: 0 (0%)

Distinct: 5

Type: Nominal

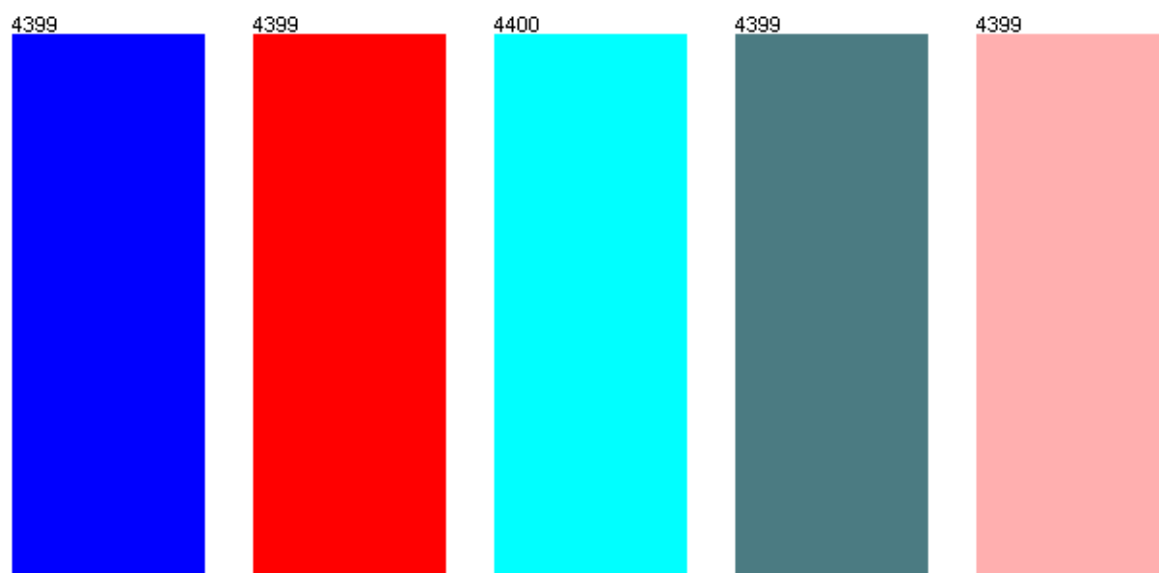
Unique: 0 (0%)

No.	Label	Count	Weight
1	DoS Hulk	4399	4399
2	FTP-Patator	4399	4399
3	DoS Slowhttptest	4400	4400
4	SSH-Patator	4399	4399
5	PortScan	4399	4399

Class: classification (Nom)



Visualize All



# Naive Bayes

## Cross-validation

```
Classifier output

_Idle_Min
mean          1.1463      -0.4577      0.224      -0.4577      -0.4556
std. dev.     1.3068      0.0005      1.1392      0.0005      0.0664
weight sum    4399        4399        4400        4399        4399
precision     0.0031      0.0031      0.0031      0.0031      0.0031

Time taken to build model: 0.18 seconds

=== Stratified cross-validation ===
=== Summary ===

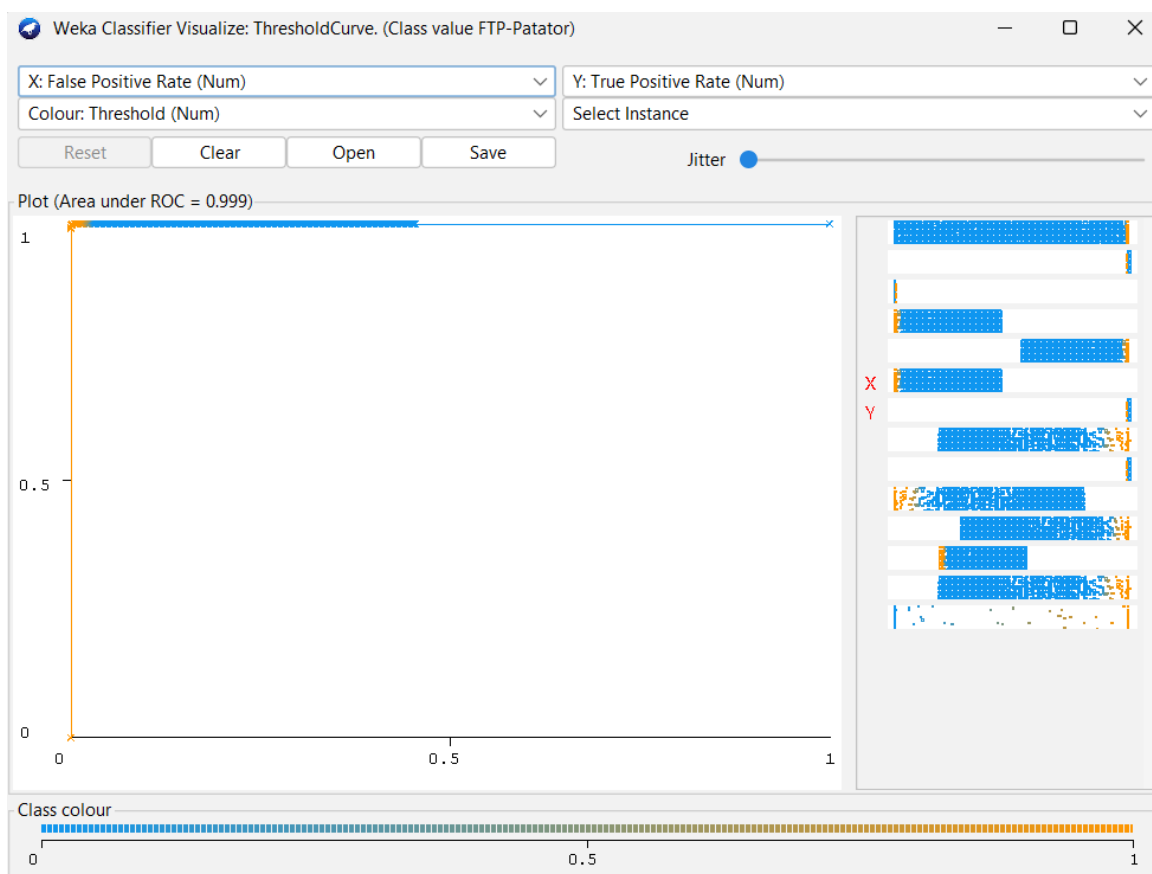
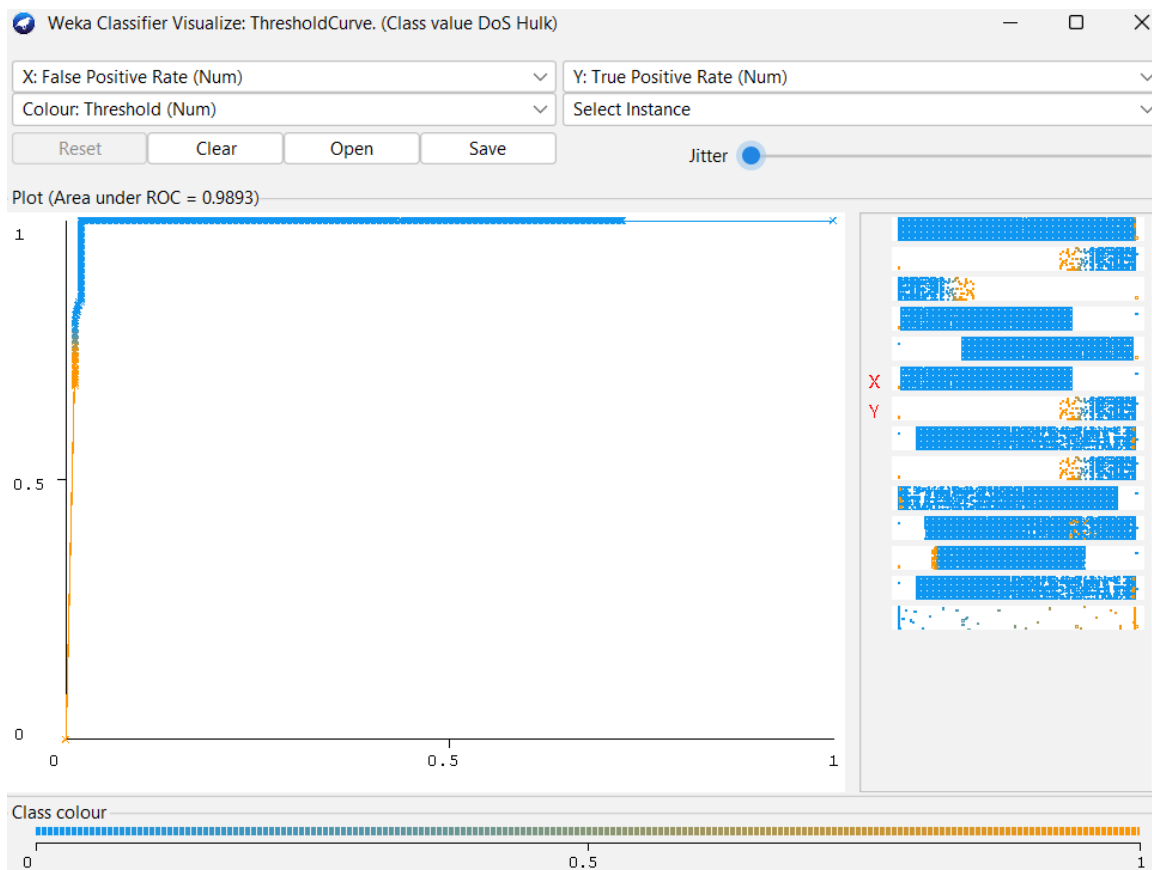
Correctly Classified Instances      18467      83.9562 %
Incorrectly Classified Instances    3529      16.0438 %
Kappa statistic                    0.7995
Mean absolute error                 0.0637
Root mean squared error             0.2508
Relative absolute error             19.9176 %
Root relative squared error         62.6945 %
Total Number of Instances          21996

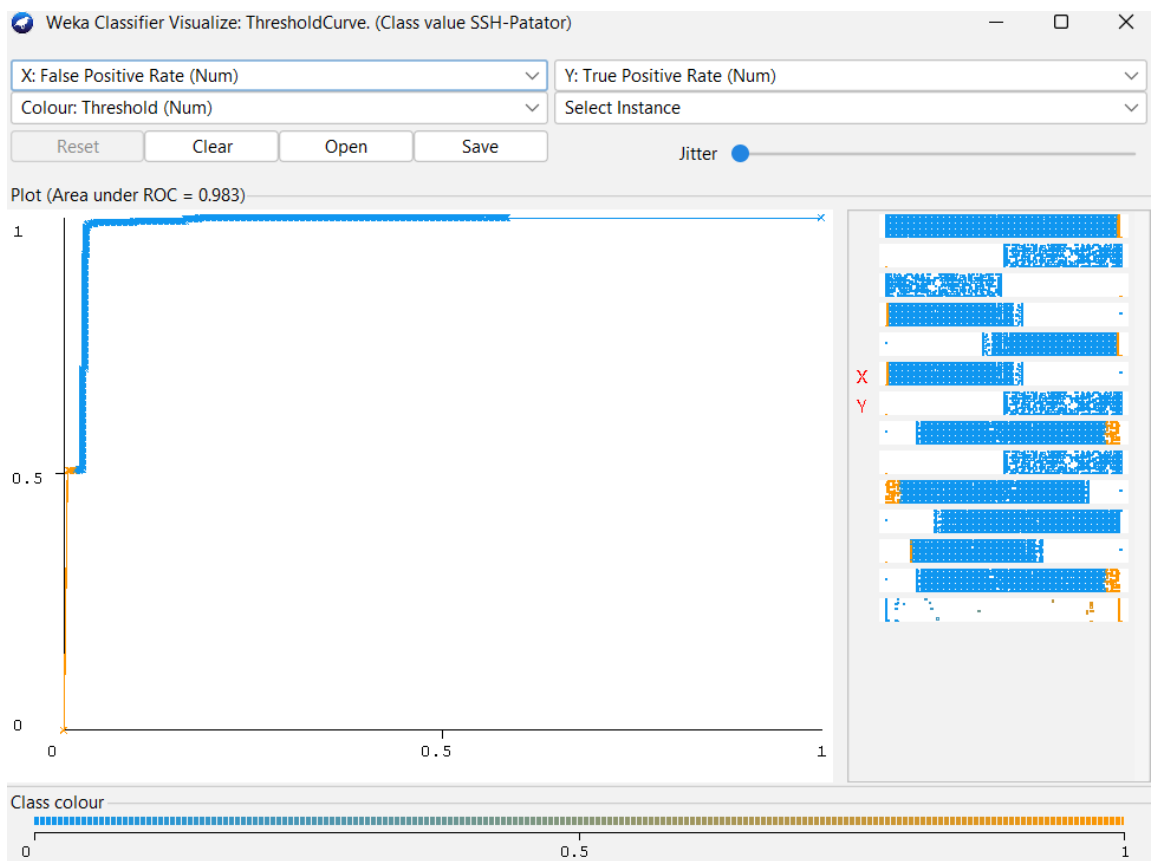
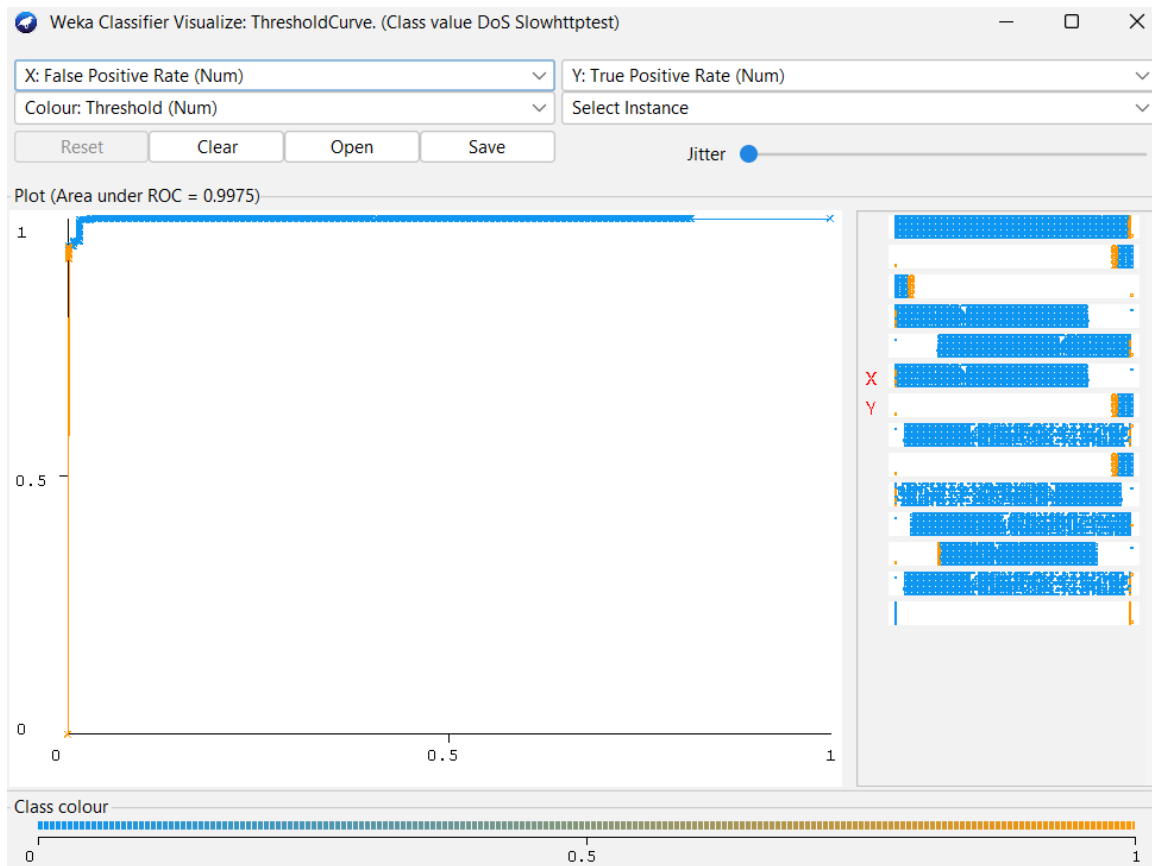
=== Detailed Accuracy By Class ===

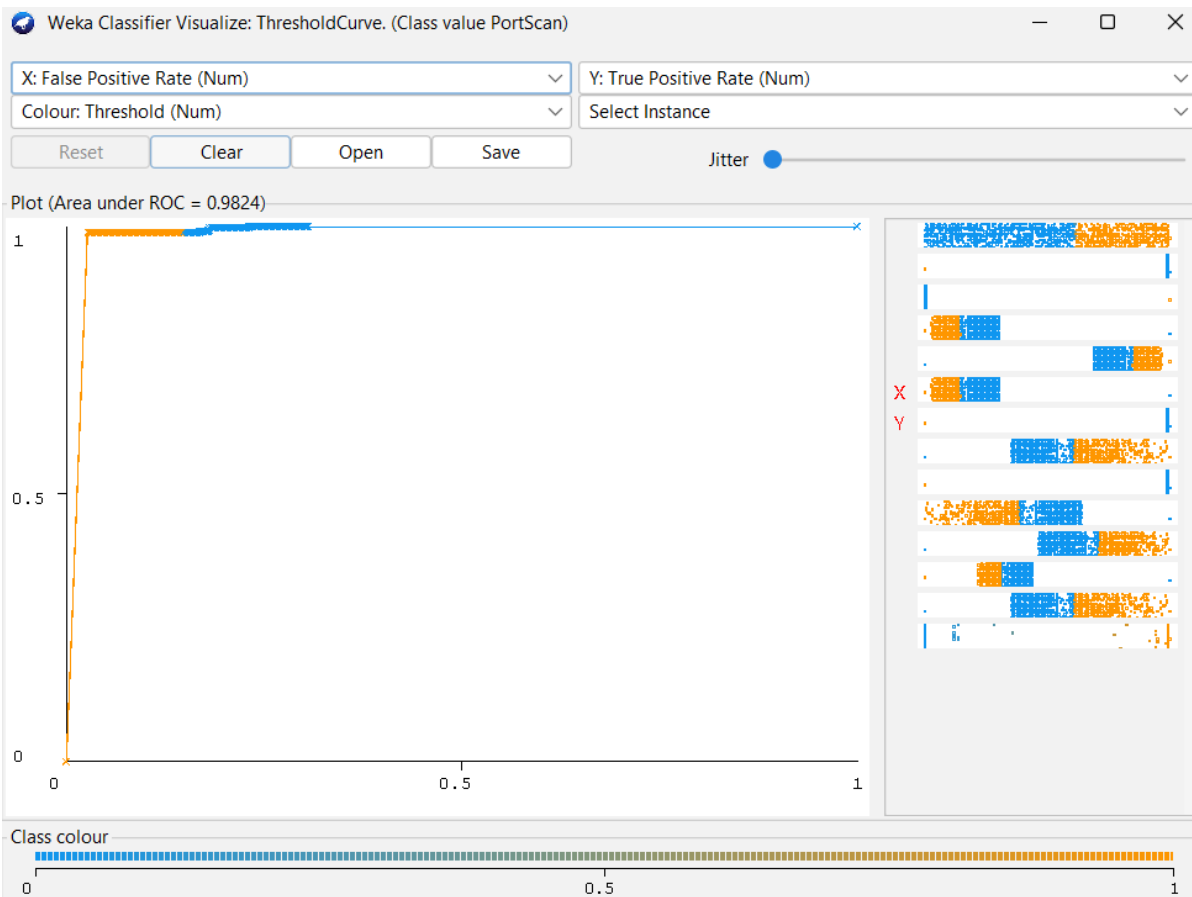
      TP Rate  FP Rate  Precision  Recall  F-Measure  MCC      ROC Area  PRC Area  Class
      0.759   0.013   0.935   0.759   0.838     0.809   0.989   0.927   DoS Hulk
      0.997   0.022   0.917   0.997   0.956     0.945   0.999   0.995   FTP-Patator
      0.947   0.004   0.985   0.947   0.966     0.958   0.998   0.984   DoS Slowhttptest
      0.506   0.014   0.898   0.506   0.648     0.622   0.983   0.905   SSH-Patator
      0.988   0.147   0.627   0.988   0.767     0.724   0.982   0.891   PortScan
Weighted Avg.  0.840   0.040   0.873   0.840   0.835     0.812   0.990   0.940

=== Confusion Matrix ===

  a    b    c    d    e  <-- classified as
3341  370    8  244  436 |  a = DoS Hulk
  0 4387    9    2    1 |  b = FTP-Patator
230    0 4166    2    2 |  c = DoS Slowhttptest
  0   14    7 2228 2150 |  d = SSH-Patator
  1   11   38    4 4345 |  e = PortScan
```







## Test set

Correctly Classified Instances	4598	83.6152 %
Incorrectly Classified Instances	901	16.3848 %
Kappa statistic	0.7952	
Mean absolute error	0.0656	
Root mean squared error	0.2546	
Relative absolute error	20.4902 %	
Root relative squared error	63.6386 %	
Total Number of Instances	5499	

### === Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.740	0.011	0.943	0.740	0.829	0.802	0.989	0.932	DoS Hulk
	0.998	0.035	0.876	0.998	0.933	0.918	0.999	0.996	FTP-Patator
	0.955	0.005	0.979	0.955	0.967	0.959	0.997	0.979	DoS Slowhttpptest
	0.505	0.020	0.866	0.505	0.638	0.605	0.983	0.909	SSH-Patator
	0.982	0.134	0.647	0.982	0.780	0.738	0.989	0.943	PortScan
Weighted Avg.	0.836	0.041	0.862	0.836	0.830	0.804	0.991	0.952	

### === Confusion Matrix ===

a	b	c	d	e	<-- classified as
814	149	2	86	49	a = DoS Hulk
0	1098	2	0	0	b = FTP-Patator
48	0	1050	0	1	c = DoS Slowhttpptest
1	3	2	556	538	d = SSH-Patator
0	3	17	0	1080	e = PortScan

# Random Forest

## Cross-validation

Classifier output									
=== Classifier model (full training set) ===									
RandomForest									
Bagging with 100 iterations and base learner									
weka.classifiers.trees.RandomTree -K 0 -M 1.0 -V 0.001 -S 1 -do-not-check-capabilities									
Time taken to build model: 3.99 seconds									
=== Stratified cross-validation ===									
=== Summary ===									
Correctly Classified Instances	21982					99.9364 %			
Incorrectly Classified Instances	14					0.0636 %			
Kappa statistic	0.9992								
Mean absolute error	0.0007								
Root mean squared error	0.0152								
Relative absolute error	0.2202 %								
Root relative squared error	3.7934 %								
Total Number of Instances	21996								
=== Detailed Accuracy By Class ===									
	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	0.999	1.000	0.999	0.999	1.000	1.000	DoS Hulk
	1.000	0.000	0.999	1.000	0.999	0.999	1.000	1.000	FTP-Patator
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	1.000	DoS Slowhttptest
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	1.000	SSH-Patator
	0.999	0.000	1.000	0.999	1.000	1.000	1.000	0.999	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	1.000	
=== Confusion Matrix ===									
a	b	c	d	e	<-- classified as				
4397	0	2	0	0	a = DoS Hulk				
0	4397	1	1	0	b = FTP-Patator				
2	0	4396	2	0	c = DoS Slowhttptest				
0	3	0	4396	0	d = SSH-Patator				
3	0	0	0	4396	e = PortScan				

## Test set

### Classifier output

RandomForest

Bagging with 100 iterations and base learner

weka.classifiers.trees.RandomTree -K 0 -M 1.0 -V 0.001 -S 1 -do-not-check-capabilities

Time taken to build model: 3.59 seconds

=== Evaluation on test set ===

Time taken to test model on supplied test set: 0.33 seconds

=== Summary ===

Correctly Classified Instances	5499	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0.0006		
Root mean squared error	0.011		
Relative absolute error	0.1934	%	
Root relative squared error	2.743	%	
Total Number of Instances	5499		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	DoS Slowhttptest
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	SSH-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	PortScan
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
1100	0	0	0	0	a = DoS Hulk
0	1100	0	0	0	b = FTP-Patator
0	0	1099	0	0	c = DoS Slowhttptest
0	0	0	1100	0	d = SSH-Patator
0	0	0	0	1100	e = PortScan



# Tree J48

## Cross-validation

### Classifier output

```
|   _Bwd_Packet_Length_Min > -0.093885
|   |   _PSH_Flag_Count <= -1.149342: DoS Slowhttptest (47.0/1.0)
|   |   _PSH_Flag_Count > -1.149342: PortScan (4323.0)
```

Number of Leaves : 29

Size of the tree : 57

Time taken to build model: 1.07 seconds

=== Stratified cross-validation ===

=== Summary ===

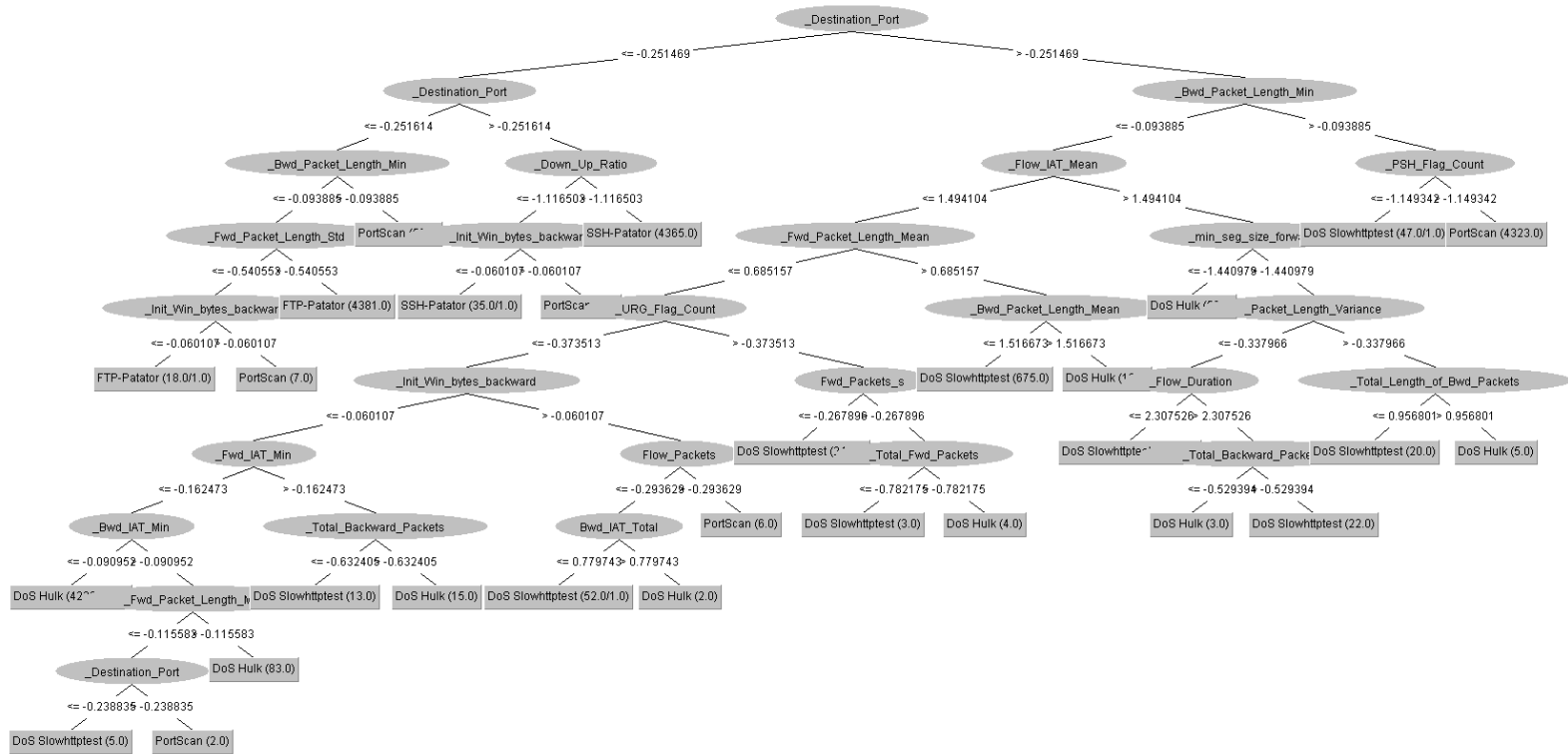
Correctly Classified Instances	21977	99.9136 %
Incorrectly Classified Instances	19	0.0864 %
Kappa statistic	0.9989	
Mean absolute error	0.0005	
Root mean squared error	0.0186	
Relative absolute error	0.161 %	
Root relative squared error	4.6493 %	
Total Number of Instances	21996	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.999	0.000	0.998	0.999	0.998	0.998	0.999	0.996	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	0.999	0.001	0.998	0.999	0.998	0.998	0.999	0.998	DoS Slowhttptest
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	SSH-Patator
	0.998	0.000	1.000	0.998	0.999	0.999	1.000	0.999	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
4393	0	6	0	0	a = DoS Hulk
0	4398	1	0	0	b = FTP-Patator
5	0	4395	0	0	c = DoS Slowhttptest
0	0	0	4399	0	d = SSH-Patator
3	1	2	1	4392	e = PortScan



## Test set

### Classifier output

Number of Leaves : 29

Size of the tree : 57

Time taken to build model: 0.72 seconds

=== Evaluation on test set ===

Time taken to test model on supplied test set: 0.26 seconds

=== Summary ===

Correctly Classified Instances	5495	99.9273 %
Incorrectly Classified Instances	4	0.0727 %
Kappa statistic	0.9991	
Mean absolute error	0.0004	
Root mean squared error	0.017	
Relative absolute error	0.1392 %	
Root relative squared error	4.2403 %	
Total Number of Instances	5499	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.996	0.000	1.000	0.996	0.998	0.998	0.999	0.999	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	1.000	0.001	0.996	1.000	0.998	0.998	1.000	0.998	DoS Slowhttptest
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	SSH-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
1096	0	4	0	0	a = DoS Hulk
0	1100	0	0	0	b = FTP-Patator
0	0	1099	0	0	c = DoS Slowhttptest
0	0	0	1100	0	d = SSH-Patator
0	0	0	0	1100	e = PortScan

Unpruned =TRUE

#### Classifier output

```
|   _Bwd_Packet_Length_Min > -0.093885
| |   _PSH_Flag_Count <= -1.149342: DoS Slowhttptest (47.0/1.0)
| |   _PSH_Flag_Count > -1.149342: PortScan (4323.0)
```

Number of Leaves : 32

Size of the tree : 63

Time taken to build model: 1.02 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	21975	99.9045 %
Incorrectly Classified Instances	21	0.0955 %
Kappa statistic	0.9988	
Mean absolute error	0.0005	
Root mean squared error	0.0192	
Relative absolute error	0.1636 %	
Root relative squared error	4.7999 %	
Total Number of Instances	21996	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.998	0.000	0.998	0.998	0.998	0.998	0.999	0.997	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	0.999	0.001	0.998	0.999	0.998	0.998	0.999	0.998	DoS Slowhttptest
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	SSH-Patator
	0.998	0.000	1.000	0.998	0.999	0.999	1.000	0.999	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
4391	0	8	0	0	a = DoS Hulk
0	4398	1	0	0	b = FTP-Patator
5	0	4395	0	0	c = DoS Slowhttptest
0	0	0	4399	0	d = SSH-Patator
3	1	2	1	4392	e = PortScan

Classifier output

Number of Leaves : 32  
Size of the tree : 63

Time taken to build model: 0.92 seconds

=== Evaluation on test set ===

Time taken to test model on supplied test set: 0.25 seconds

=== Summary ===

Correctly Classified Instances	5495	99.9273 %
Incorrectly Classified Instances	4	0.0727 %
Kappa statistic	0.9991	
Mean absolute error	0.0004	
Root mean squared error	0.017	
Relative absolute error	0.128 %	
Root relative squared error	4.24 %	
Total Number of Instances	5499	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.996	0.000	1.000	0.996	0.998	0.998	0.999	0.999	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	1.000	0.001	0.996	1.000	0.998	0.998	1.000	0.998	DoS Slowhttpptest
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	SSH-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
1096	0	4	0	0	a = DoS Hulk
0	1100	0	0	0	b = FTP-Patator
0	0	1099	0	0	c = DoS Slowhttpptest
0	0	0	1100	0	d = SSH-Patator
0	0	0	0	1100	e = PortScan

## OneR algoritam

OneR je jednostavan klasifikator koji bira jedan atribut i za njega definiše pravila na osnovu kojih se radi klasifikacija.

### Test set

#### Classifier output

```
Test mode:      user supplied test set:  size unknown (reading incrementally)
```

```
=== Classifier model (full training set) ===
```

```
_Fwd_Header_Length:
```

```
< -0.8190870005420706    -> PortScan
< -0.7789051948693494    -> SSH-Patator
< -0.7186324863602676    -> PortScan
< -0.6483143264330056    -> DoS Hulk
< -0.6181779721784646    -> FTP-Patator
< -0.5779961665057434    -> SSH-Patator
< -0.3670416867239571    -> DoS Hulk
< -0.3469507838875965    -> DoS Slowhttptest
< -0.296723526796695     -> DoS Hulk
< -0.2665871725421541    -> DoS Slowhttptest
< -0.1259508526876299    -> DoS Hulk
< -0.0656781441785481    -> DoS Slowhttptest
< 0.1151399813486972     -> DoS Hulk
< 0.1352308841850578     -> DoS Slowhttptest
< 0.3160490097123032     -> DoS Hulk
< 0.3361399125486638     -> DoS Slowhttptest
< 0.4265489753122865     -> DoS Hulk
< 0.4566853295668274     -> DoS Slowhttptest
< 0.5169580380759091     -> DoS Hulk
< 0.5370489409122698     -> FTP-Patator
< 1.1397760260030876     -> DoS Hulk
< 1.9534575908756922     -> DoS Slowhttptest
< 2.154366619239298      -> SSH-Patator
< 2.2347302305847405     -> DoS Slowhttptest
< 2.3150938419301825     -> SSH-Patator
< 2.4155483561119855     -> DoS Slowhttptest
>= 2.4155483561119855    -> SSH-Patator
```

```
(19249/21996 instances correct)
```

Correctly Classified Instances	4827	87.7796 %
Incorrectly Classified Instances	672	12.2204 %
Kappa statistic	0.8472	
Mean absolute error	0.0489	
Root mean squared error	0.2211	
Relative absolute error	15.2755 %	
Root relative squared error	55.273 %	
Total Number of Instances	5499	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.681	0.013	0.932	0.681	0.787	0.757	0.834	0.698	DoS Hulk
	0.996	0.101	0.711	0.996	0.830	0.797	0.947	0.709	FTP-Patator
	0.736	0.003	0.982	0.736	0.841	0.821	0.866	0.775	DoS Slowhttptest
	0.985	0.028	0.897	0.985	0.938	0.924	0.978	0.886	SSH-Patator
	0.991	0.007	0.972	0.991	0.982	0.977	0.992	0.965	PortScan
Weighted Avg.	0.878	0.031	0.899	0.878	0.876	0.855	0.924	0.807	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
749	310	9	1	31	a = DoS Hulk
3	1096	0	1	0	b = FTP-Patator
39	128	809	123	0	c = DoS Slowhttptest
4	8	5	1083	0	d = SSH-Patator
9	0	1	0	1090	e = PortScan

# Cross-validation

Correctly Classified Instances	19244	87.4886 %
Incorrectly Classified Instances	2752	12.5114 %
Kappa statistic	0.8436	
Mean absolute error	0.05	
Root mean squared error	0.2237	
Relative absolute error	15.6392 %	
Root relative squared error	55.9271 %	
Total Number of Instances	21996	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.675	0.012	0.933	0.675	0.783	0.754	0.832	0.695	DoS Hulk
	0.997	0.102	0.710	0.997	0.829	0.796	0.948	0.708	FTP-Patator
	0.719	0.004	0.976	0.719	0.828	0.806	0.857	0.758	DoS Slowhttptest
	0.990	0.031	0.887	0.990	0.936	0.921	0.979	0.880	SSH-Patator
	0.994	0.006	0.975	0.994	0.984	0.980	0.994	0.970	PortScan
Weighted Avg.	0.875	0.031	0.896	0.875	0.872	0.852	0.922	0.802	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
2970	1251	64	3	111	a = DoS Hulk
7	4386	0	6	0	b = FTP-Patator
171	521	3164	544	0	c = DoS Slowhttptest
12	22	10	4353	2	d = SSH-Patator
23	1	4	0	4371	e = PortScan



## K Nearest Neighbors (kNN) -IBk

### Cross-validation KNN=1

Correctly Classified Instances	21976	99.9091 %
Incorrectly Classified Instances	20	0.0909 %
Kappa statistic	0.9989	
Mean absolute error	0.0004	
Root mean squared error	0.0191	
Relative absolute error	0.1344 %	
Root relative squared error	4.7673 %	
Total Number of Instances	21996	

#### === Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	0.998	1.000	0.999	0.999	1.000	0.998	DoS Hulk
	0.999	0.000	1.000	0.999	0.999	0.999	0.999	0.999	FTP-Patator
	0.999	0.000	1.000	0.999	0.999	0.999	0.999	0.999	DoS Slowhttptest
	0.999	0.000	0.998	0.999	0.999	0.998	0.999	0.998	SSH-Patator
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	0.999	0.998	

#### === Confusion Matrix ===

a	b	c	d	e	<-- classified as
4397	0	0	1	1	a = DoS Hulk
0	4394	1	4	0	b = FTP-Patator
1	0	4395	2	2	c = DoS Slowhttptest
3	2	0	4394	0	d = SSH-Patator
3	0	0	0	4396	e = PortScan

# Cross-validation KNN=3

Correctly Classified Instances	21963	99.85	%
Incorrectly Classified Instances	33	0.15	%
Kappa statistic	0.9981		
Mean absolute error	0.0006		
Root mean squared error	0.0208		
Relative absolute error	0.1899	%	
Root relative squared error	5.1893	%	
Total Number of Instances	21996		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.999	0.001	0.997	0.999	0.998	0.998	1.000	0.999	DoS Hulk
	1.000	0.000	0.999	1.000	0.999	0.999	1.000	0.999	FTP-Patator
	0.998	0.000	0.999	0.998	0.998	0.998	1.000	0.999	DoS Slowhttpptest
	0.997	0.000	0.999	0.997	0.998	0.997	0.999	0.998	SSH-Patator
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	PortScan
Weighted Avg.	0.998	0.000	0.999	0.998	0.998	0.998	1.000	0.999	

=== Confusion Matrix ===

a	b	c	d	e	<-- classified as
4395	0	2	0	2	a = DoS Hulk
0	4397	0	1	1	b = FTP-Patator
2	1	4389	5	3	c = DoS Slowhttpptest
7	5	0	4387	0	d = SSH-Patator
3	0	1	0	4395	e = PortScan

## Test set KNN=1

Correctly Classified Instances	5498	99.9818 %
Incorrectly Classified Instances	1	0.0182 %
Kappa statistic	0.9998	
Mean absolute error	0.0001	
Root mean squared error	0.0085	
Relative absolute error	0.0414 %	
Root relative squared error	2.1321 %	
Total Number of Instances	5499	

### === Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	DoS Hulk
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	FTP-Patator
	1.000	0.000	0.999	1.000	1.000	0.999	1.000	0.999	DoS Slowhttptest
	0.999	0.000	1.000	0.999	1.000	0.999	1.000	0.999	SSH-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	PortScan
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

### === Confusion Matrix ===

a	b	c	d	e	<-- classified as
1100	0	0	0	0	a = DoS Hulk
0	1100	0	0	0	b = FTP-Patator
0	0	1099	0	0	c = DoS Slowhttptest
0	0	1	1099	0	d = SSH-Patator
0	0	0	0	1100	e = PortScan

## Test set KNN=3

Correctly Classified Instances	5493	99.8909 %
Incorrectly Classified Instances	6	0.1091 %
Kappa statistic	0.9986	
Mean absolute error	0.0004	
Root mean squared error	0.0168	
Relative absolute error	0.1198 %	
Root relative squared error	4.1925 %	
Total Number of Instances	5499	

### === Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	1.000	DoS Hulk
	1.000	0.000	0.998	1.000	0.999	0.999	1.000	1.000	FTP-Patator
	0.999	0.000	0.999	0.999	0.999	0.999	1.000	0.999	DoS Slowhttpptest
	0.996	0.000	0.998	0.996	0.997	0.997	1.000	0.999	SSH-Patator
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	PortScan
Weighted Avg.	0.999	0.000	0.999	0.999	0.999	0.999	1.000	1.000	

### === Confusion Matrix ===

	a	b	c	d	e	<-- classified as
1099	0	0	1	0	0	a = DoS Hulk
0	1100	0	0	0	0	b = FTP-Patator
0	0	1098	1	0	0	c = DoS Slowhttpptest
1	2	1	1096	0	0	d = SSH-Patator
0	0	0	0	1100	0	e = PortScan