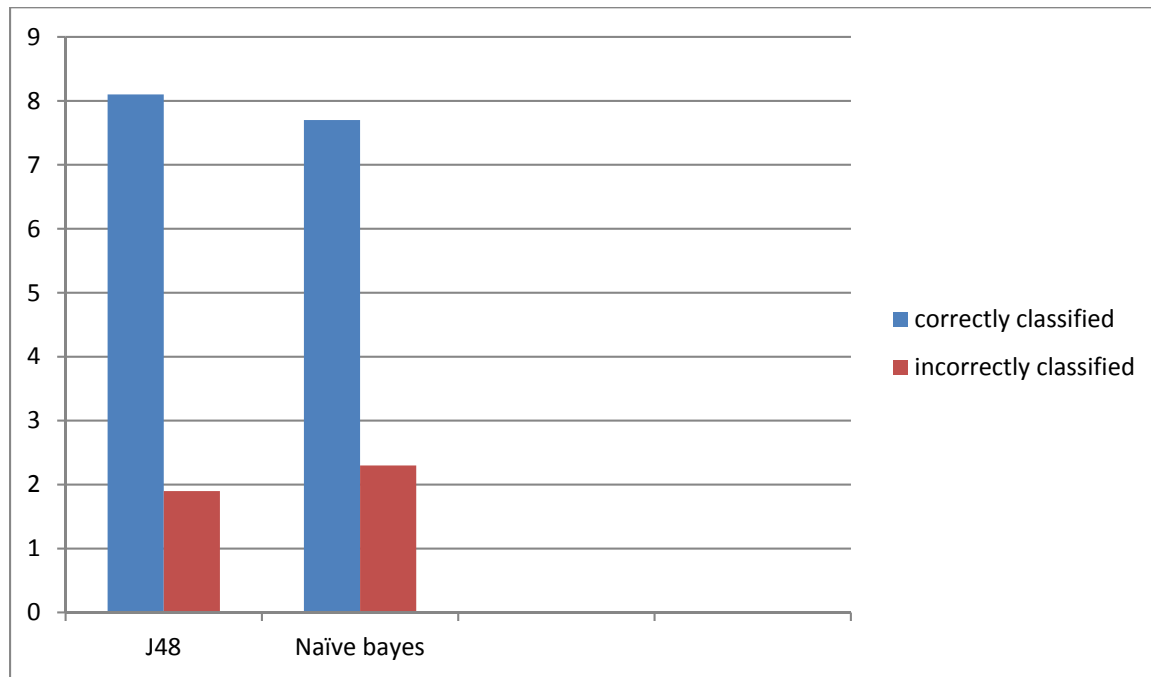


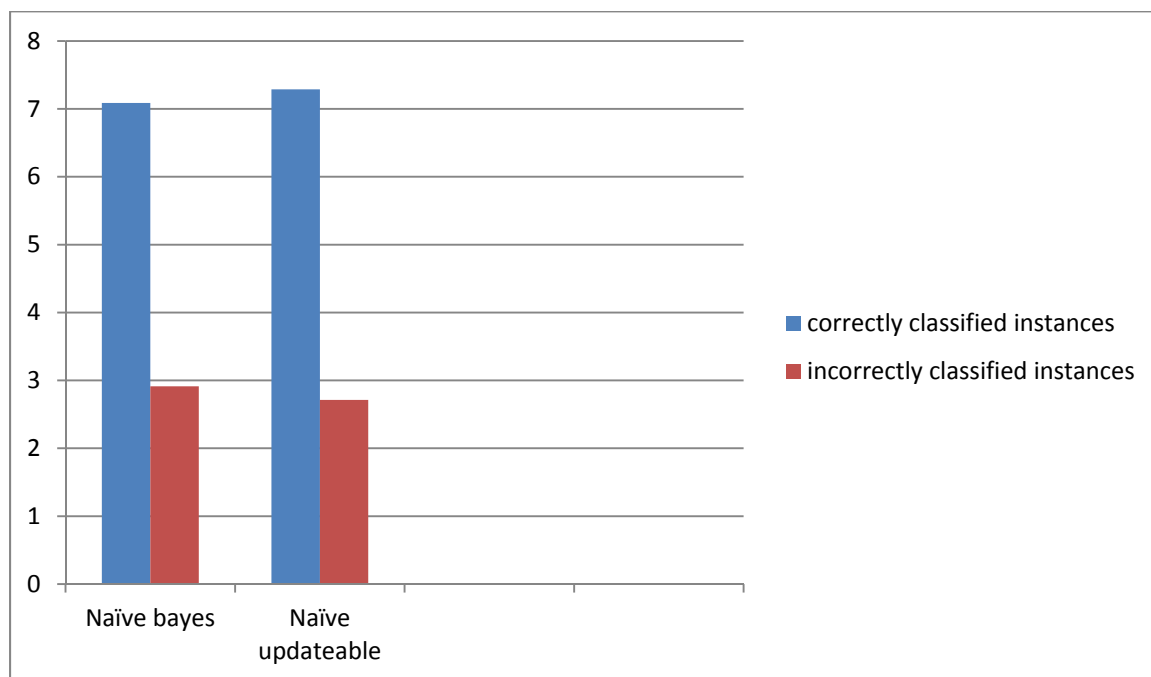
## CROSS VALIDATION RESULTS ON PERMISSIONS

Algorithm	Correctly classified instances	Correctly classified instances (%)	Incorrectly classified instances	Incorrectly classified instances (%)
J48	2384	80.6768	571	19.3232
Naïve bayes	2298	77.7665	657	22.2335



## CROSS VALIDATION RESULTS FOR STRINGS

Algorithm	Correctly classified instances	Correctly classified instances (%)	Incorrectly classified instances	Incorrectly classified instances (%)
Naïve Bayes	268473	70.8757	110321	29.1243
NaïveUpdateable	270473	72.8757	108321	27.1243



## **INDIVIDUAL MALWARE APPLICATION TESTING RESULTS**

Algorithm	Correctly classified instances	Correctly classified instances (%)	Incorrectly classified instances	Incorrectly classified instances (%)
Naïve bayes	1040	86.4986	224	13.5014

## **CLASSIFIED MALWARE SAMPLE RESULTS**

Algorithm	Total samples	Correctly classified samples	Incorrectly classified samples
Naïve bayes	49	42	7

## **INDIVIDUAL GENUINE APPLICATION TESTING RESULTS**

Algorithm	Correctly classified instances	Correctly classified instances (%)	Incorrectly classified instances	Incorrectly classified instances (%)
Naïve bayes	1552	70.0183	805	29.9817

## **CLASSIFIED GENUINE SAMPLES**

Algorithm	Total samples	Correctly classified samples	Incorrectly classified samples
Naïve bayes	105	77	28

