Results for C5.0 Algorithm :

Iteration	Accuracy	FPR	FNR	FalsePos	FalseNeg
1	0.9971070	0.001592357	0.004889976	1	2
2	0.9961427	0.001592357	0.007334963	1	3
3	0.9971070	0.001592357	0.004889976	1	2
4	0.9942141	0.003184713	0.009779951	2	4
5	0.9922854	0.011146497	0.002444988	7	1
6	0.9971070	0.003184713	0.002444988	2	1
7	0.9913211	0.004777070	0.014669927	3	6
8	0.9903568	0.012738854	0.004889976	8	2
9	0.9932498	0.001592357	0.014669927	1	6
10	0.9932498	0.004777070	0.009779951	3	4

Mean Accuracy for C5.0 for 10 iterations : 0.9942141

Max Accuracy : 0.997107 , Min Accuracy : 0.9903568

Note : -

V5 : Number of False Positives, V6 : Number of False Negatives

Results for SVM Algorithm :

Iteration	Accuracy	FPR	FNR	FalsePos	FalseNeg
1	0.9922854	0.004777070	0.012224939	3	5
2	0.9922854	0.004777070	0.012224939	3	5
3	0.9913211	0.009554140	0.007334963	6	3
4	0.9961427	0.004777070	0.002444988	3	1
5	0.9836066	0.017515924	0.014669927	11	6
6	0.9893925	0.014331210	0.004889976	9	2
7	0.9836066	0.017515924	0.014669927	11	6
8	0.9893925	0.007961783	0.014669927	5	6
9	0.9874638	0.009554140	0.017114914	6	7
10	0.9893925	0.009554140	0.012224939	6	5

Mean Accuracy for SVM for 10 iterations : 0.9894889

Max Accuracy : 0.9961427 , Min Accuracy : 0.9836066

Results for Random Forest Algorithm :

Iteration	Accuracy	FPR	FNR	FalsePos	FalseNeg
1	0.9971070	0.001592357	0.004889976	1	2
2	0.9961427	0.003184713	0.004889976	2	2
3	0.9961427	0.001592357	0.007334963	1	3
4	0.9961427	0.006369427	0.000000000	4	0
5	0.9893925	0.014331210	0.004889976	9	2
6	0.9951784	0.006369427	0.002444988	4	1
7	0.9922854	0.009554140	0.004889976	6	2
8	0.9932498	0.009554140	0.002444988	6	1
9	0.9961427	0.000000000	0.009779951	0	4
10	0.9942141	0.004777070	0.007334963	3	3

Mean Accuracy for Random Forest for 10 iterations : 0.9945998

Max Accuracy 0.997107 , Min Accuracy : 0.9893925

Results for C5.0 with PCA :

Iteration	Accuracy	FPR	FNR	FalsePos	FalseNeg
1	0.9961427	0.001592357	0.007334963	1	3
2	0.9942141	0.003184713	0.009779951	2	4
3	0.9971070	0.001592357	0.004889976	1	2
4	0.9951784	0.006369427	0.002444988	4	1
5	0.9893925	0.011146497	0.009779951	7	4
6	0.9922854	0.007961783	0.007334963	5	3
7	0.9903568	0.014331210	0.002444988	9	1
8	0.9903568	0.011146497	0.007334963	7	3
9	0.9932498	0.001592357	0.014669927	1	6
10	0.9932498	0.003184713	0.012224939	2	5

Mean Accuracy for C5.0 with PCA for 10 iterations : 0.9931533

Max Accuracy : 0.997107 , Min Accuracy : 0.9893925

Results for Random Forest with PCA :

Iteration	Accuracy	FPR	FNR	FalsePos	FalseNeg
1	0.9951784	0.003184713	0.007334963	2	3
2	0.9942141	0.003184713	0.009779951	2	4
3	0.9961427	0.003184713	0.004889976	2	2
4	0.9961427	0.006369427	0.000000000	4	0
5	0.9884282	0.012738854	0.009779951	8	4
6	0.9903568	0.009554140	0.009779951	6	4
7	0.9942141	0.007961783	0.002444988	5	1
8	0.9913211	0.011146497	0.004889976	7	2
9	0.9942141	0.000000000	0.014669927	0	6
10	0.9942141	0.003184713	0.009779951	2	4

Mean Accuracy for Random Forest with PCA for 10 iterations : 0.9934426

Max Accuracy : 0.9961427 , Min Accuracy : 0.9884282