Total instances: 5284
4648 training instances
636 test instances (Contains moose 201 matrices)
88-12% train-test split
good instances: 1885
bad instances: 3399

	All features	RS1	RS2
ML mtd	88-12% split	88-12%split	88-12%split
BayesNet	**87.2**	70.8	81.0
RF	79.2	**85.4**	**82.7**
J48	79.6	81.0	79.6
ADTree	61.9	63.7	69.9
SVM	50.4	50.9	51.8
Knn (k = 10)	46	73.9	70.4

J48(88-12% split)

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.796	0.113	0.796	0.796	0.796	0.885	good
	0.887	0.204	0.887	0.887	0.887	0.885	bad
Weighted Avg.	0.855	0.171	0.855	0.855	0.855	0.885	

=== Confusion Matrix ===

```
  a   b   <-- classified as
 180  46 |   a = good
  46 362 |   b = bad
```

BayesNet(88-12%)
=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.872	0.375	0.563	0.872	0.684	0.833	good
	0.625	0.128	0.898	0.625	0.737	0.831	bad
Weighted Avg.	0.713	0.216	0.778	0.713	0.718	0.832	

=== Confusion Matrix ===

```
  a   b   <-- classified as
 197  29 |   a = good
 153 255 |   b = bad
```

RF(88-12)
=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.792	0.115	0.792	0.792	0.792	0.919	good
	0.885	0.208	0.885	0.885	0.885	0.919	bad
Weighted Avg.	0.852	0.175	0.852	0.852	0.852	0.919	

=== Confusion Matrix ===

```
  a   b   <-- classified as
179  47 |   a = good
 47 361 |   b = bad
```

Solver-PC split results

	All features	RS1	RS2
ML mtd	88-12% split	88-12%split	88-12%split
BayesNet	87.6	83.2	78.8
RF	**88.1**	**89.4**	**87.2**
J48	85.4	85.0	82.7
ADTree	61.1	66.4	59.7
SVM	72.1	66.4	66.4
Knn (k = 10)	65.0	73.0	71.2

All features RF:

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.881	0.056	0.896	0.881	0.888	0.971	good
	0.944	0.119	0.934	0.944	0.939	0.971	bad
Weighted Avg.	0.921	0.097	0.921	0.921	0.921	0.971	

=== Confusion Matrix ===

```
  a   b   <-- classified as
199  27 |   a = good
 23 385 |   b = bad
```

RS1 RF:

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.894	0.078	0.863	0.894	0.878	0.968	good
	0.922	0.106	0.94	0.922	0.931	0.968	bad
Weighted Avg.	0.912	0.096	0.913	0.912	0.912	0.968	

=== Confusion Matrix ===

```
  a   b   <-- classified as
 202  24 |   a = good
  32 376 |   b = bad
```

RS2 RF:
=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	ROC Area	Class
	0.872	0.083	0.853	0.872	0.862	0.956	good
	0.917	0.128	0.928	0.917	0.922	0.956	bad
Weighted Avg.	0.901	0.112	0.901	0.901	0.901	0.956	

=== Confusion Matrix ===

```
  a   b   <-- classified as
 197  29 |   a = good
  34 374 |   b = bad
```