



## beach ARFF - Notepad

File    Edit    View

@relation beach

@attribute condition{sunny,cloudy,rainy}  
@attribute temperature numeric  
@attribute class{yes,no}

@data

sunny	85	yes
cloudy	75	no
rainy	85	yes
sunny	76	yes
cloudy	75	no
rainy	85	yes

## Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Open file...

Open URL...

Open DB...

Generate...

Undo

Edit...

Filter

Choose **None**

Current relation

Relation: breast-cancer

Instances: 286

Attributes: 10

Sum of weights: 286

Attributes

All

None

Invert

Pattern

No.

Name

- 1  age
- 2  menopause
- 3  tumor-size
- 4  inv-nodes
- 5  node-caps
- 6  deg-malig
- 7  breast
- 8  breast-quad
- 9  irradiat
- 10  Class

Remove

Selected attribute

Name: age

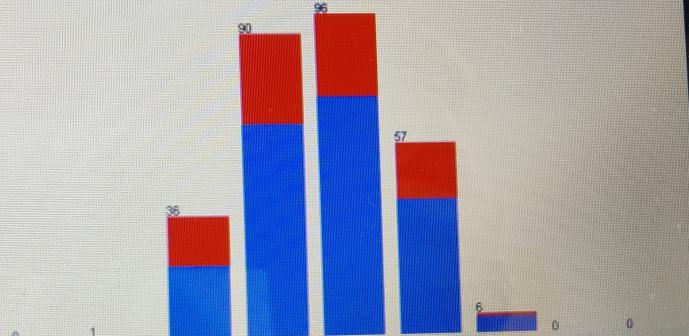
Missing: 0 (0%)

Distinct: 6

No.	Label	Count	Weight
1	10-19	0	0
2	20-29	1	1
3	30-39	36	36
4	40-49	90	90
5	50-59	96	96
6	60-69	57	57
7	70-79	6	6
8	80-89	0	0
9	90-99	0	0

Class: Class (Nom)

Visualize All



Status

OK



## Classifier

Choose NaiveBayes

## Test options

Use training set

Supplied test set Set...

Cross-validation Folds 10

Percentage split % 66

[More options...](#)

## (Nom) Class

[Start](#) [Stop](#)

## Result list (right-click for options)

18:34:21 - bayes.NaiveBayes

## Classifier output

no	165.0	55.0
[total]	203.0	87.0

Time taken to build model: 0 seconds

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

==== Summary ====

Correctly Classified Instances	205	71.6783 %
Incorrectly Classified Instances	81	28.3217 %
Kappa statistic	0.2857	
Mean absolute error	0.3272	
Root mean squared error	0.4534	
Relative absolute error	78.2086 %	
Root relative squared error	99.1872 %	
Total Number of Instances	286	

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

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
no-recurrent	0.836	0.565	0.778	0.836	0.806	0.288	0.701	0.837	no-recurrent
recurrent	0.435	0.164	0.529	0.435	0.477	0.288	0.701	0.514	recurrent
Weighted Avg.	0.717	0.446	0.704	0.717	0.708	0.288	0.701	0.741	

==== Confusion Matrix ====

a	b	<-- classified as
168	33	a = no-recurrence-events
48	37	b = recurrence-events