

=== Run information ===

Scheme: weka.classifiers.functions.LibLINEAR -S 1 -C 1.0 -E
0.001 -B 1.0 -L 0.1 -I 1000
Relation: data
Instances: 165
Attributes: 4
DEPT
CLASS
AGE
INCOME
Test mode: 10-fold cross-validation

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

LibLINEAR wrapper

Model bias=1.0 nr_class=2 nr_feature=17 solverType=L2R_L2LOSS_SVC_DUAL

Model for class junior

0.23 * DEPT=sales
- 0.45 * DEPT=systems
- 0.17 * DEPT=marketing
+ 0.25 * DEPT=secretary
+ 0.29 * AGE=31...35
- 0.89 * AGE=26...30
- 0.98 * AGE=21...25
+ 0.32 * AGE=41...45
+ 0.68 * AGE=36...40
+ 0.43 * AGE=46...50
+ 0.6 * INCOME=46K...50K
- 0.19 * INCOME=26K...30K
- 1.35 * INCOME=31K...35K
+ 1.22 * INCOME=66K...70K
- 0.86 * INCOME=41K...45K
+ 0.43 * INCOME=36K...40K
- 0.15 * 1.0

Time taken to build model: 0.02 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	165	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		

Root mean squared error	0	
Relative absolute error	0	%
Root relative squared error	0	%
Total Number of Instances	165	

=== Detailed Accuracy By Class ===

		TP Rate	FP Rate	Precision	Recall	F-Measure	MCC
ROC Area	PRC Area	Class					
1.000	1.000	1.000	0.000	1.000	1.000	1.000	
		1.000	senior				
1.000	1.000	1.000	0.000	1.000	1.000	1.000	
		1.000	junior				
Weighted Avg.		1.000	0.000	1.000	1.000	1.000	
1.000	1.000	1.000					

=== Confusion Matrix ===

a	b	<-- classified as
52	0	a = senior
0	113	b = junior