*
optimization finished, #iter = 6
obj = -12.0, rho = -1.0
nSV = 9, nBSV = 9
Total nSV = 9
*
optimization finished, #iter = 6
obj = -10.0, rho = -1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 6
obj = -10.0, rho = -1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 5
obj = -10.0, rho = 1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 5
obj = -10.0, rho = 1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 5
obj = -10.0, rho = 1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 5
obj = -10.0, rho = 1.0
nSV = 8, nBSV = 7
Total nSV = 8
*
optimization finished, #iter = 6
obj = -12.0, rho = 1.0
nSV = 9, nBSV = 9
Total nSV = 9
*
optimization finished, #iter = 6
obj = -12.0, rho = 1.0
nSV = 9, nBSV = 9
Total nSV = 9
*
optimization finished, #iter = 7
obj = -12.0, rho = -1.0
nSV = 10, nBSV = 8
Total nSV = 10
*
optimization finished, #iter = 6
obj = -12.0, rho = -1.0

nSV = 9, nBSV = 9
Total nSV = 9

Options: -S 0 -K 0 -D 3 -G 0.0 -R 0.0 -N 0.5 -M 40 -C 1.0 -E 0.001 -P 0.1 -W 2.0 -seed 1

LibSVM wrapper, original code by Yasser EL-Manzalawy (= WLSVM)

Time taken to build model: 0.02 seconds
Time taken to test model on training data: 0 seconds

=== Error on training data ===

Correctly Classified Instances	8	57.1429 %
Incorrectly Classified Instances	6	42.8571 %
Kappa statistic	0	
Mean absolute error	0.4286	
Root mean squared error	0.6547	
Relative absolute error	87.2727 %	
Root relative squared error	132.266 %	
Total Number of Instances	14	

=== Confusion Matrix ===

a	b	<-- classified as
8	0	a = FALSE
6	0	b = TRUE

=== Stratified cross-validation ===

Correctly Classified Instances	8	57.1429 %
Incorrectly Classified Instances	6	42.8571 %
Kappa statistic	0	
Mean absolute error	0.4286	
Root mean squared error	0.6547	
Relative absolute error	84.9057 %	
Root relative squared error	128.5308 %	
Total Number of Instances	14	

=== Confusion Matrix ===

a	b	<-- classified as
8	0	a = FALSE
6	0	b = TRUE

*
optimization finished, #iter = 13
obj = -0.7480570630670444, rho = -1.4528444969775751
nSV = 3, nBSV = 0
*

optimization finished, #iter = 3
obj = -0.20368398537213225, rho = -1.5077131251781049
nSV = 3, nBSV = 0
*
optimization finished, #iter = 31
nu = 0.2048652377284185
obj = -15.759854002109215, rho = -6.780971185110271
nSV = 23, nBSV = 19
Total nSV = 27
*
optimization finished, #iter = 5
obj = -0.7480570720813526, rho = 1.4474641523659868
nSV = 3, nBSV = 0
*
optimization finished, #iter = 44
nu = 0.2
obj = -13.134060390542222, rho = -6.533781206321159
nSV = 20, nBSV = 17
*
optimization finished, #iter = 3
obj = -0.2036840100650599, rho = -1.507301292741689
nSV = 3, nBSV = 0
Total nSV = 24
*
optimization finished, #iter = 4
obj = -0.7434937490072309, rho = 0.9033453446896207
nSV = 2, nBSV = 0
*
optimization finished, #iter = 50
nu = 0.22607585007981232
obj = -15.420071870290005, rho = -6.266429096666971
nSV = 23, nBSV = 19
*
optimization finished, #iter = 7
obj = -0.20368396588291823, rho = -1.5067116625951638
nSV = 3, nBSV = 0
Total nSV = 26
*
optimization finished, #iter = 13
obj = -0.7480571473590875, rho = -1.4522209420314869
nSV = 3, nBSV = 0
*
optimization finished, #iter = 5
obj = -0.2036839834609859, rho = -1.5068336735901735
nSV = 3, nBSV = 0
*
optimization finished, #iter = 33
nu = 0.227647575327962
obj = -15.75985563358741, rho = -6.781304813108298
nSV = 23, nBSV = 19
Total nSV = 27
*
optimization finished, #iter = 71

nu = 0.21731795447725427
obj = -14.861530553253262, rho = -6.554949003093664
nSV = 22, nBSV = 17
*
optimization finished, #iter = 6
obj = -0.74805707207787, rho = 1.4474641206095384
nSV = 3, nBSV = 0
*
optimization finished, #iter = 10
obj = -0.20368396691237817, rho = 1.5078574826980926
nSV = 3, nBSV = 0
Total nSV = 26
*
optimization finished, #iter = 3
obj = -0.7480570721039987, rho = 1.4474643588132423
nSV = 3, nBSV = 0
*
optimization finished, #iter = 63
nu = 0.21649775160786172
obj = -14.854288384109482, rho = -6.565383554967919
nSV = 22, nBSV = 18
*
optimization finished, #iter = 5
obj = -0.20368400609424198, rho = -1.5070906849859806
nSV = 3, nBSV = 0
Total nSV = 26
*
optimization finished, #iter = 5
obj = -0.20368398592404816, rho = -1.5068122903256456
nSV = 3, nBSV = 0
*
optimization finished, #iter = 16
obj = -0.7480570660058891, rho = -1.4500184113326846
nSV = 3, nBSV = 0
*
optimization finished, #iter = 53
nu = 0.20368257548849017
obj = -13.891319886673601, rho = 7.013561442720593
nSV = 20, nBSV = 17
Total nSV = 24
*
optimization finished, #iter = 33
nu = 0.21540568276955507
obj = -14.786286104705216, rho = 9.940617715210074
nSV = 22, nBSV = 18
*
optimization finished, #iter = 3
obj = -0.1692047421012851, rho = 2.289339954081631
nSV = 2, nBSV = 0
*
optimization finished, #iter = 5
obj = -0.7480570720767622, rho = 1.4474641105057267
nSV = 3, nBSV = 0

Total nSV = 26
*
optimization finished, #iter = 10
obj = -0.7005770006078433, rho = -2.3255269694303498
nSV = 3, nBSV = 0
*
optimization finished, #iter = 3
obj = -0.2034587616943925, rho = -1.5412003278035749
nSV = 2, nBSV = 0
*
optimization finished, #iter = 58
nu = 0.20071595625302163
obj = -13.845074368390987, rho = -8.610210087936132
nSV = 21, nBSV = 16
Total nSV = 24
*
optimization finished, #iter = 42
nu = 0.19546960229647226
obj = -12.914513648850424, rho = 6.286935857272965
nSV = 21, nBSV = 16
*
optimization finished, #iter = 10
obj = -0.20368396691237817, rho = 1.5078574826980926
nSV = 3, nBSV = 0
*
optimization finished, #iter = 11
obj = -0.5655476662438315, rho = 1.3833740930352878
nSV = 4, nBSV = 0
Total nSV = 25
*
optimization finished, #iter = 15
obj = -0.7480570630682857, rho = -1.4528444890359047
nSV = 3, nBSV = 0
*
optimization finished, #iter = 7
obj = -0.20368254394665553, rho = -1.5107311932937588
nSV = 3, nBSV = 0
*
optimization finished, #iter = 29
nu = 0.22477296925798498
obj = -15.686300374927114, rho = -7.389059968600036
nSV = 22, nBSV = 19
Total nSV = 26

Options: -S 0 -K 0 -D 3 -G 0.0 -R 0.0 -N 0.5 -M 40 -C 1.0 -E 0.001 -P 0.1 -W 2.0 -seed 1

LibSVM wrapper, original code by Yasser EL-Manzalawy (= WLSVM)

Time taken to build model: 0.02 seconds
Time taken to test model on training data: 0.01 seconds

=== Error on training data ===

Correctly Classified Instances 149 99.3333 %
Incorrectly Classified Instances 1 0.6667 %
Kappa statistic 0.99
Mean absolute error 0.0044
Root mean squared error 0.0667
Relative absolute error 1 %
Root relative squared error 14.1421 %
Total Number of Instances 150

=== Confusion Matrix ===

```
  a  b  c   <-- classified as
 50  0  0 |  a = Iris-setosa
  0 49  1 |  b = Iris-versicolor
  0  0 50 |  c = Iris-virginica
```

=== Stratified cross-validation ===

Correctly Classified Instances 145 96.6667 %
Incorrectly Classified Instances 5 3.3333 %
Kappa statistic 0.95
Mean absolute error 0.0222
Root mean squared error 0.1491
Relative absolute error 5 %
Root relative squared error 31.6228 %
Total Number of Instances 150

=== Confusion Matrix ===

```
  a  b  c   <-- classified as
 50  0  0 |  a = Iris-setosa
  0 47  3 |  b = Iris-versicolor
  0  2 48 |  c = Iris-virginica
```