```
mat = load('adult.mat');
X = mat.Adult;
Y = mat.Class;
C = [X, Y];
C(any(isnan(C),2),:) = [];
X = C(1:30162,1:14);
Y = C(1:30162,15);
model=ssvm_train(Y, X, '-t 0 -s 1 -c 1 -g 0.1609 -v 10')

model=ssvm_train(Y, X, '-t 0 -s 1 -c 1 -g 0.1609');
[PredictedLabel, ErrRate]=ssvm_predict(mat.Class(30162:45222), mat.Adult(30162:45222 ,:), mod
el);
disp(['The error rate of testing set of Linear_SSVM is  ',num2str(ErrRate)])
```

```
Applying KSIR!
Evaluating Fold 1
Evaluating Fold 2
Evaluating Fold 3
Evaluating Fold 4
Evaluating Fold 5
Evaluating Fold 6
Evaluating Fold 7
Evaluating Fold 8
Evaluating Fold 9
Evaluating Fold 10

model =

  struct with fields:

      Training: 0.1756
    Validation: 0.1756
      KSIRinst: {10×1 cell}

Applying KSIR!
The error rate of testing set of Linear_SSVM is  0.23345
```

```
model=ssvm_train(Y, X, '-t 1 -s 1 -c 1 -g 0.1609 -r 0.04 -v 10')
model=ssvm_train(Y, X, '-t 1 -s 1 -c 1 -g 0.1609 -r 0.04');
[PredictedLabel, ErrRate]=ssvm_predict(mat.Class(30162:45222), mat.Adult(30162:45222 ,:), mod
el);
disp(['The error rate of testing set of RSVM is  ',num2str(ErrRate)])
```

```
Applying KSIR!
Evaluating Fold 1
Evaluating Fold 2
Evaluating Fold 3
Evaluating Fold 4
Evaluating Fold 5
Evaluating Fold 6
Evaluating Fold 7
```

```
Evaluating Fold 8
Evaluating Fold 9
Evaluating Fold 10

model =

  struct with fields:

      Training: 0.2385
    Validation: 0.2494
      KSIRinst: {10×1 cell}

Applying KSIR!
The error rate of testing set of RSVM is  0.29407
```

Published with MATLAB® R2016b