**­­­Notes**-svc is a two-class classifier  
  
  
**Moments features**

*Eerste versie, alle {'none','central','scaled','hu','zer'}, im = prnist([0:9],[1:1000]);*

For size 200 the best paramatrix classifier = ldc, with mean error = 0.376150   
For size 200 the best k = 12, with mean error = 0.420613   
12-NN, untrained mapping --> knnc  
  
*-Laatste versie, alle {'none','central','scaled','hu','zer'}, im = prnist([0:9],[1:1000]);*For size 200 the best paramatric classifier = ldc, with mean error = 0.376575 testing knnc  
For size 200 the best k = 12, with mean error = 0.421687 testing parzen  
For size 200 the best h = 5.500000e+00, with mean error = 0.422406   
For size 200 the mean error of the neural network classifier = 0.474344  
Bayes-Normal-1, untrained mapping --> ldc

*- {'none'}, im = prnist([0:9],[1:1000]);*  
For size 200 the best paramatric classifier = qdc, with mean error = 0.593281 testing knnc  
For size 200 the best k = 20, with mean error = 0.609788 testing parzen  
For size 200 the best h = 2.500000e+00, with mean error = 0.593625   
For size 200 the mean error of the neural network classifier = 0.640563  
Bayes-Normal-2, untrained mapping --> qdc

*- {'center'}, im = prnist([0:9],[1:1000]);*  
For size 200 the best paramatric classifier = qdc, with mean error = 0.608412 testing knnc  
For size 200 the best k = 20, with mean error = 0.588250 testing parzen  
For size 200 the best h = 5.500000e+00, with mean error = 0.599050   
For size 200 the mean error of the neural network classifier = 0.637019  
20-NN, untrained mapping --> knnc

*- {'scaled'}, im = prnist([0:9],[1:1000]);  
For size 200 the best paramatric classifier = loglc, with mean error = 0.685394 testing knnc  
For size 200 the best k = 20, with mean error = 0.681106 testing parzen  
For size 200 the best h = 5.000000e-01, with mean error = 0.736344   
For size 200 the mean error of the neural network classifier = 0.652525  
AutoNeuralNet, untrained mapping --> neurc*

*- {'hu'}, im = prnist([0:9],[1:1000]);*For size 200 the best paramatric classifier = fisherc, with mean error = 0.654600 testing knnc  
For size 200 the best k = 20, with mean error = 0.626344 testing parzen  
For size 200 the best h = 1.562500e-02, with mean error = 0.632906

For size 200 the mean error of the neural network classifier = 0.578919  
AutoNeuralNet, untrained mapping --> neurc

*- {'zer'}, im = prnist([0:9],[1:1000]);  
  
For size 200 the best paramatric classifier = fisherc, with mean error = 0.790837 testing knnc  
For size 200 the best k = 7, with mean error = 0.793919 testing parzen  
For size 200 the best h = 5.000000e-01, with mean error = 0.791669   
For size 200 the mean error of the neural network classifier = 0.783744  
AutoNeuralNet, untrained mapping --> neurc*

*- {' central','hu'}, im = prnist([0:9],[1:1000]);  
For size 200 the best paramatric classifier = fisherc, with mean error = 0.523369 testing knnc  
For size 200 the best k = 20, with mean error = 0.587006 testing parzen  
For size 200 the best h = 4.500000e+00, with mean error = 0.607794   
For size 200 the mean error of the neural network classifier = 0.640444  
Fisher, untrained mapping --> fisherc*

*----------------------------*type = {'none'}, moments = [1 0; 0 1;1 1;2 1;1 2;0 2; 2 0])

For size 200 the best paramatric classifier = qdc, with mean error = 0.250956   
For size 200 the best k = 9, with mean error = 0.433937 testing parzen  
For size 200 the best h = 4.500000e+00, with mean error = 0.884750

For size 200 the mean error of the neural network classifier = 0.223856

AutoNeuralNet, untrained mapping --> neurc  
  
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type = {'none'}; moments = sets = {[0 1 2 3 4],[0 1 2 3 4]};  
For size 200 the best paramatric classifier = qdc, with mean error = **0.130431**   
For size 200 the best k = 11, with mean error = 0.655375  
For size 200 the best h = 1, with mean error = 0.899975

For size 200 the mean error of the neural network classifier = 0.250156

Bayes-Normal-2, untrained mapping --> qdc  
  
type = {'none'}; moments = sets = {[0 1 2 3 4 5 6 7 8],[0 1 2 3 4 5 6 7 8]};  
For size 200 the best paramatric classifier = fisherc, with mean error = 0.238594  
For size 200 the best k = 7, with mean error = 0.687225  
For size 200 the best h = 1, with mean error = 0.899950

For size 200 the mean error of the neural network classifier = 0.404406

Fisher, untrained mapping --> fisherc

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type = {'central'}; moments = sets = {[0 1 2 3 4],[0 1 2 3 4]};  
For size 200 the best paramatric classifier = qdc, with mean error = **0.146619**   
For size 200 the best k = 5, with mean error = 0.590319  
For size 200 the best h = 0, with mean error = 0.900000

For size 200 the mean error of the neural network classifier = 0.266594

Bayes-Normal-2, untrained mapping --> qdc  
  
type = {'central','none'}; moments = sets = {[0 1 2 3 4],[0 1 2 3 4]};  
For size 200 the best paramatric classifier = fisherc, with mean error = **0.127981**