

```
File iris
1 "C:\Users\Dragos\Roba\Lectures\YM1.2\Machine Learning\venv\Scripts\python.exe" "C:\Users\Dragos\Roba\
  Lectures\YM1.2\Machine Learning\b Labs\Lab7\iris.py"
2 =====
3 pi=0.5 Cfn=1.0 Cfp=1.0 | eff_pi=0.5
4 =====
5 normalized DCFs
6 MVG      MVGmin |   naive   naiveMin|   tied   tiedMin
7 0.140    0.130   0.144   0.131           0.186   0.181
8 confusion matrix
9 [[927  75 898  92 925  77]
10  [ 65 933  94 916  67 931]]
11 =====
12 =====
13 pi=0.9 Cfn=1.0 Cfp=1.0 | eff_pi=0.9
14 =====
15 normalized DCFs
16 MVG      MVGmin |   naive   naiveMin|   tied   tiedMin
17 0.400    0.342   0.389   0.351           0.463   0.442
18 confusion matrix
19 [[728  15 666  15 721  13]
20  [264 993 326 993 271 995]]
21 =====
22 =====
23 pi=0.1 Cfn=1.0 Cfp=1.0 | eff_pi=0.1
24 =====
25 normalized DCFs
26 MVG      MVGmin |   naive   naiveMin|   tied   tiedMin
27 0.305    0.263   0.302   0.257           0.406   0.363
28 confusion matrix
29 [[988 271 983 327 988 268]
30  [  4 737  9 681  4 740]]
31 =====
32 =====
33 pi=0.5 Cfn=1.0 Cfp=9.0 | eff_pi=0.1
34 =====
35 normalized DCFs
36 MVG      MVGmin |   naive   naiveMin|   tied   tiedMin
37 0.061    0.263   0.060   0.257           0.081   0.363
38 confusion matrix
39 [[988 271 983 327 988 268]
40  [  4 737  9 681  4 740]]
41 =====
42 =====
43 pi=0.5 Cfn=9.0 Cfp=1.0 | eff_pi=0.9
44 =====
45 normalized DCFs
46 MVG      MVGmin |   naive   naiveMin|   tied   tiedMin
47 0.080    0.342   0.078   0.351           0.093   0.442
48 confusion matrix
49 [[728  15 666  15 721  13]
50  [264 993 326 993 271 995]]
51 =====
52 =====
53 Process finished with exit code 0
54
```