The cwmEm package

Packard Bell
March 28, 2013

1 Theory

2 Example of cwmEm usage

The package is load with following code

R> library("cwm")

A direct example of usage is

R> library(MASS)
R> data(geyser)
R> x=geyser[,1]
R> y=geyser[,2]
R> cwrEmExample=cwrEm(x,y,nc=2)

iteration 1 logLik -3201.346
iteration 2 logLik -1419.224
iteration 3 logLik -1404.442
iteration 4 logLik -1401.795

R> print(cwrEmExample)

cwrObj : cwrEmExample
----------

Number of groups: 2
Relative weights (priors): 0.6603206 0.3396794
----------

logLik : -1401.795
AIC : 2827.59
BIC : 2871.995
----------

computation time : 0.41