

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
```

```
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```

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

```
-----
```

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

```
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```

```
computation time : 0.41
```