This is the description of the R function *CoNet*. This function contains the clustering procedure presented in the article *Cluster Analysis of weighted bipartite networks: a new copula based approach.*

In order to use this function follow these steps:

1. Install the software R (http://www.r-project.org).

2. Download the *CoNet* function and save it on your computer.

3. Load the *CoNet* function in R by typing *source('C:/...path.../CoNet.r')* in the R console. Now you are ready to use the function.

Description of the function:

CoNet(data,dim,copula)

Inputs:

- data: it is the $N \times M$ input matrix. The actors to cluster need to be on the rows while the features have to be on the columns.

- dim: it has to be a number between 2 and N. It corresponds to the maximum possible size of the clusters.

- copula: it has to be a string value. If you want use the Frank copula type, copula = "frank"; if you want use the Gumbel copula type, copula = "gumbel"; if you want to use the Clayton copula type, copula = "clayton".

Outputs: It returns the clusters in decreasing order with respect to the log-likelihood values.