```
                    data =

                        1.8147     0.0906     0.1270    -3.9134
                        2.6324     0.0975     0.0278    -2.5469
                       -1.9575     0.0965     0.1576     0.9706
                        0.0957     0.4854     0.0800     3.1419
```

```
>> [coeff,score,~,~,explained] = pca(data)          >> [coeff,score,~,~,explained] = pca(data')

coeff =                                             coeff =

   -0.4675      0.8805     -0.0549                      0.6635     -0.2767      0.5682
    0.0363      0.0977      0.9446                      0.5718      0.3955      0.0310
    0.0046     -0.0375      0.3161                     -0.3060     -0.6179      0.4541
    0.8832      0.4623     -0.0695                     -0.3731      0.6207      0.6856


score =                                             score =

   -3.4878     -0.5200      0.0799                      3.8530      0.9536     -0.0137
   -2.6634      0.8361     -0.0847                      0.4858     -0.5991      0.1281
    2.5898     -1.5844     -0.0373                      0.6027     -0.9261     -0.1036
    3.5614      1.2682      0.0420                     -4.9415      0.5717     -0.0107


explained =                                         explained =

   88.3329                                             94.1425
   11.6288                                              5.7928
    0.0382                                              0.0648
```