> print(eco.pca)
\*\*Results for the Principal Component Analysis (PCA)\*\*
The analysis was performed on 63 individuals, described by 25 variables
\*The results are available in the following objects:

```
description
   name
   "$eig"
                       "eigenvalues"
   "$var"
                       "results for the variables"
   "$var$coord"
                       "coord. for the variables"
                       "correlations variables - dimensions"
"cos2 for the variables"
   "$var$cor"
   "$var$cos2"
5
   "$var$contrib"
                       "contributions of the variables"
   "$ind"
                       "results for the individuals"
                       "coord. for the individuals"
   "$ind$coord"
  "$ind$cos2"
                       "cos2 for the individuals"
10 "$ind$contrib"
                       "contributions of the individuals"
11 "$call"
                       "summary statistics"
12 "$call$centre"
                       "mean of the variables"
13 "$call$ecart.type" "standard error of the variables"
14 "$call$row.w"
                       "weights for the individuals"
15 "$call$col.w"
                       "weights for the variables"
```

## > eig.val

. 019.	eigenvalue	variance.percent	cumulative.variance.percent
Dim.1	8.563630141	34.25452056	34.25452
Dim.2	3.803893130	15.21557252	49.47009
Dim.3	3.045592852	12.18237141	61.65246
Dim.4	2.308086201	9.23234480	70.88481
Dim.5	1.744516904	6.97806762	77.86288
Dim.6	1.188191360	4.75276544	82.61564
Dim.7	0.961552916	3.84621167	86.46185
Dim.8	0.788072657	3.15229063	89.61414
Dim.9	0.672694371	2.69077748	92.30492
Dim.10	0.509348742	2.03739497	94.34232
Dim.11	0.356962272	1.42784909	95.77017
Dim.12	0.277551998	1.11020799	96.88037
Dim.13	0.226986476	0.90794591	97.78832
Dim.14	0.159812559	0.63925024	98.42757
Dim.15	0.115906023	0.46362409	98.89119
Dim.16	0.104871220	0.41948488	99.31068
Dim.17	0.052667988	0.21067195	99.52135
Dim.18	0.032169028	0.12867611	99.65003
Dim.19	0.025671869	0.10268747	99.75271
Dim.20	0.021650110	0.08660044	99.83932
Dim.21	0.015144088	0.06057635	99.89989
Dim.22	0.010661967	0.04264787	99.94254
Dim.23	0.006595836	0.02638334	99.96892
Dim.24	0.004947143	0.01978857	99.98871
Dim.25	0.002822148	0.01128859	100.00000

## > var

Principal Component Analysis Results for variables

Name Description

1 "\$coord" "Coordinates for the variables"

2 "\$cor" "Correlations between variables and dimensions"

3 "\$cos2" "Cos2 for the variables"

4 "\$contrib" "contributions of the variables"

