

*** WARNING *** : Reserved keyword(s) temp
used as variable names have been replaced by
temp(1)

▼ File: Untitled1.syz

IMPORT successfully completed. Processed 10 variables and 105 cases.

```
> REM -- Following commands were produced by the FACTOR dialog:  
> FACTOR  
> MODEL PROFUNDIDADE PH COND TURB OD TEMP(1)  
> SAVE 'C:\Users\FernandaT\SYSTAT\SYSTAT_13\Data\scorelagoa' / SCORES  
> ESTIMATE / PAIRWISE CORR METHOD=PCA NUMBER=3 SORT EIGEN=0.7
```

▼ Factor Analysis

Latent Roots (Eigenvalues)

1	2	3	4	5	6
1,750	1,233	1,142	0,854	0,644	0,377

Component Loadings

	1	2	3
TEMP(1)	0,821	-0,139	-0,194
PH	0,644	-0,031	0,377
PROFUNDIDADE	-0,531	0,396	0,404
TURB	0,514	0,633	-0,301
COND	-0,216	0,587	-0,565
OD	0,263	0,557	0,624

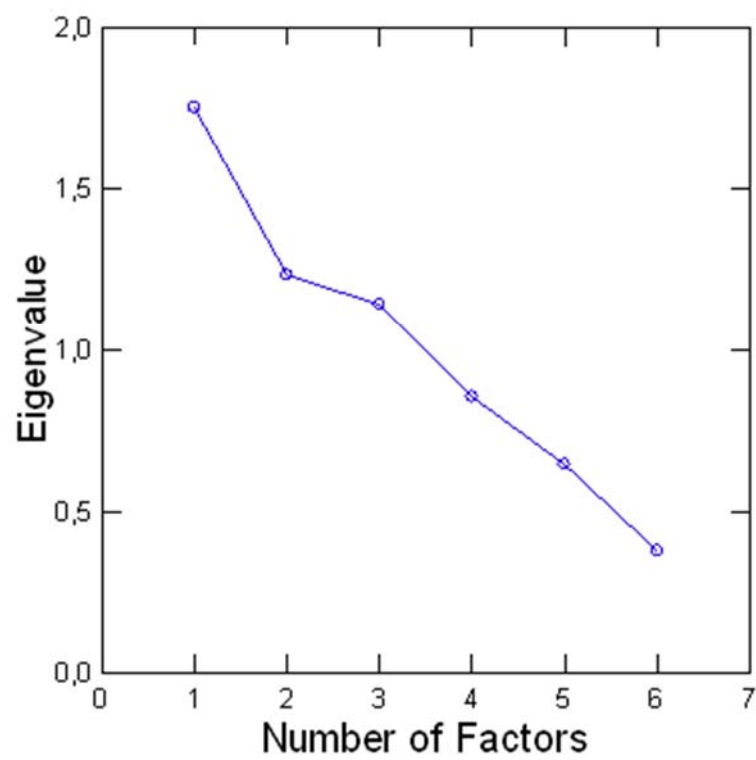
Variance Explained by Components

1	2	3
1,750	1,233	1,142

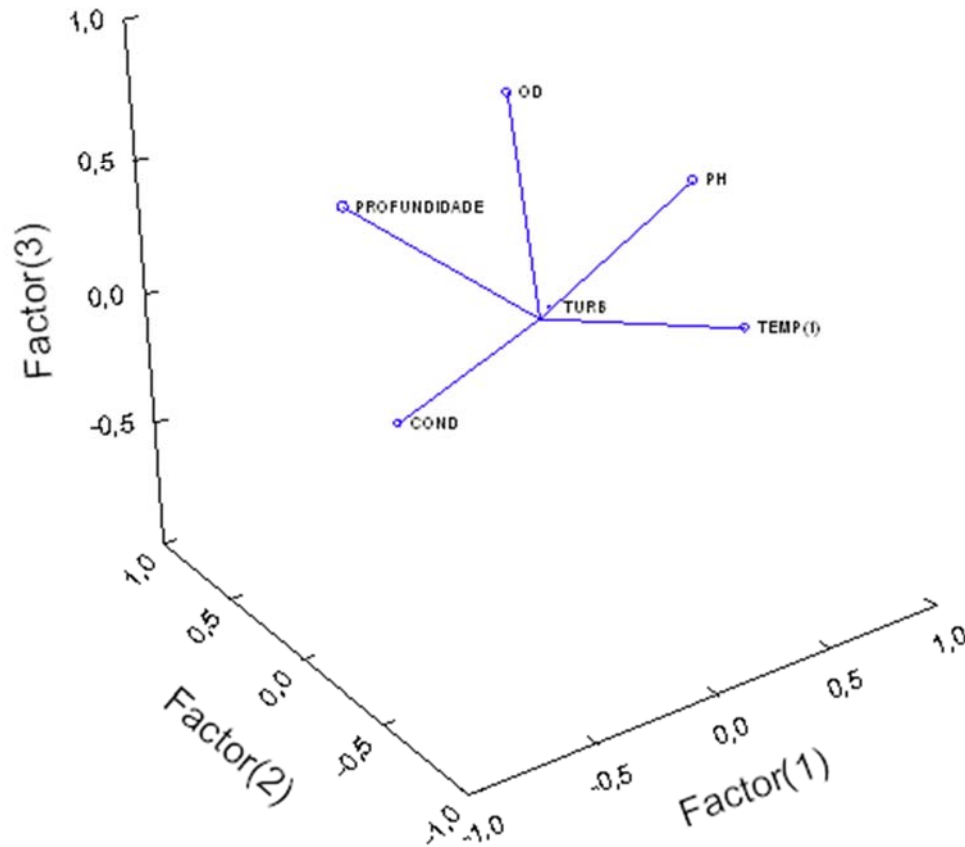
Percent of Total Variance Explained

1	2	3
29,171	20,557	19,033

Scree Plot



Factor Loadings Plot



Coefficients for Standardized Factor Scores

	1	2	3
TEMP(1)	0,469	-0,113	-0,170
PH	0,368	-0,025	0,330
PROFUNDIDADE	-0,304	0,321	0,354
TURB	0,294	0,514	-0,264
COND	-0,124	0,476	-0,495
OD	0,150	0,452	0,546

Standardized Scores have been saved.

```
> PLENGTH SHORT
> REM -- End of commands from the FACTOR dialog
> REM -- Following commands were produced by the FACTOR dialog:
> Rem FACTOR
> MODEL PH COND TURB OD TEMP(1)
> SAVE 'C:\Users\FernandaT\SYSTAT\SYSTAT_13\Data\scorelagoa' / SCORES
> ESTIMATE / PAIRWISE CORR METHOD=PCA NUMBER=3 SORT EIGEN=0.7
```

▼ Factor Analysis

Latent Roots (Eigenvalues)

1	2	3	4	5
1,622	1,197	1,029	0,747	0,404

Component Loadings

	1	2	3
TEMP(1)	0,759	-0,107	-0,506
PH	0,662	-0,266	0,267
TURB	0,611	0,620	-0,217
COND	-0,215	0,843	0,046
OD	0,433	0,139	0,808

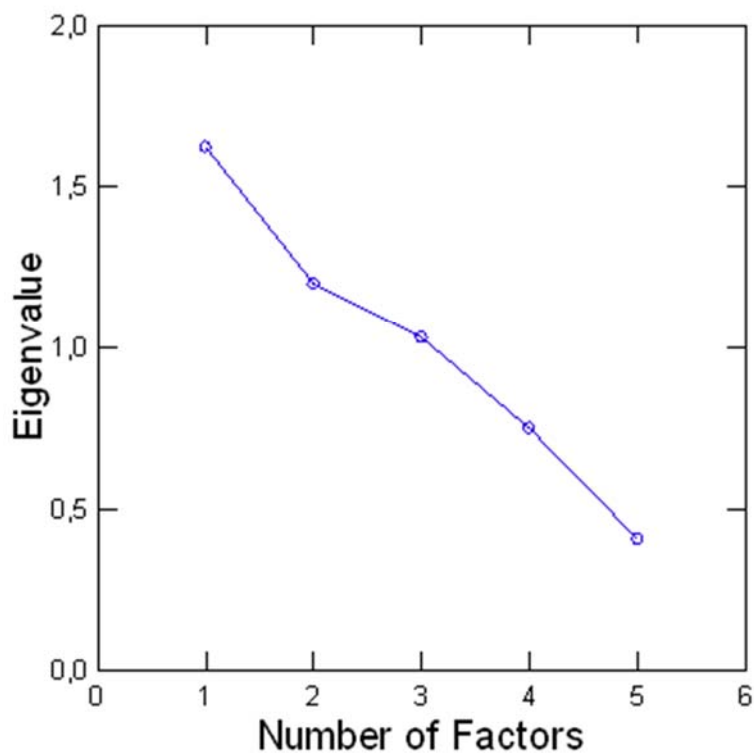
Variance Explained by Components

1	2	3
1,622	1,197	1,029

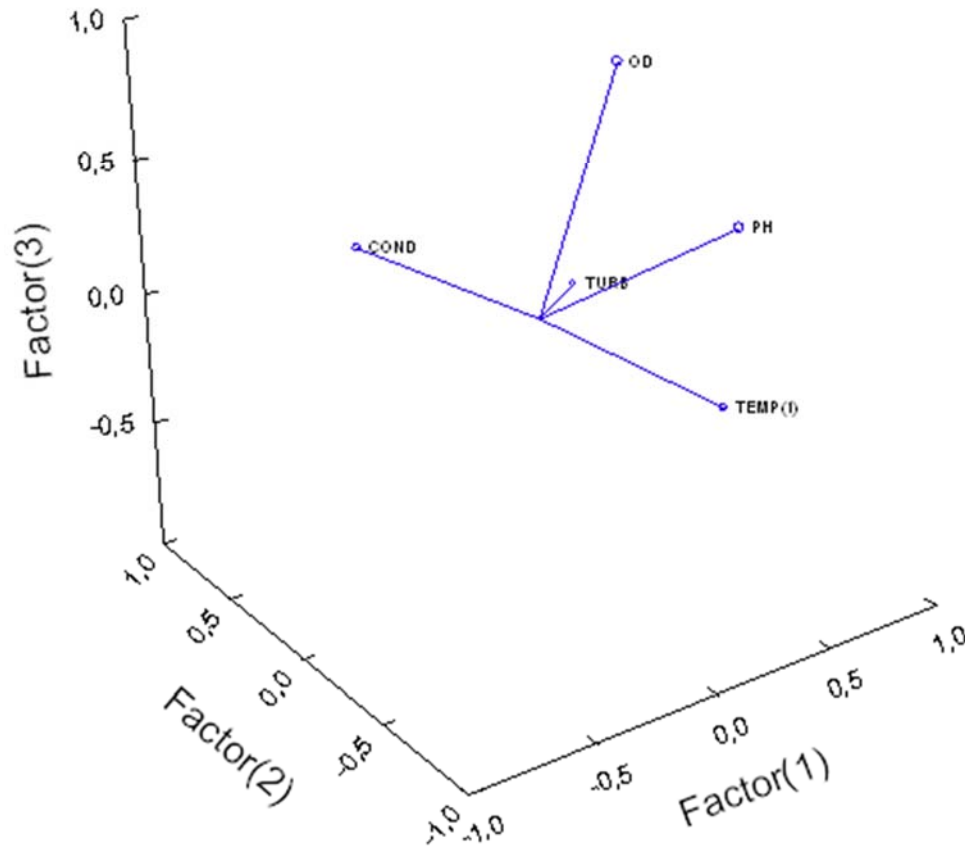
Percent of Total Variance Explained

1	2	3
32,438	23,948	20,582

Scree Plot



Factor Loadings Plot



Coefficients for Standardized Factor Scores

	1	2	3
TEMP(1)	0,468	-0,090	-0,491
PH	0,408	-0,222	0,259
TURB	0,377	0,518	-0,211
COND	-0,133	0,704	0,045
OD	0,267	0,116	0,785

Standardized Scores have been saved.

```
> PLENGTH SHORT
> REM -- End of commands from the FACTOR dialog
> REM -- Following commands were produced by the FACTOR dialog:
> Rem FACTOR
> MODEL PH COND OD TEMP(1)
> SAVE 'C:\Users\FernandaT\SYSTAT\SYSTAT_13\Data\scorelagoa' / SCORES
> ESTIMATE / PAIRWISE CORR METHOD=PCA NUMBER=3 SORT EIGEN=0.7
```

▼ Factor Analysis

Latent Roots (Eigenvalues)

1	2	3	4
1,482	1,054	0,859	0,605

Component Loadings

	1	2	3
PH	0,763	0,236	0,298
TEMP(1)	0,695	-0,394	0,380
COND	-0,513	0,435	0,733
OD	0,391	0,809	-0,296

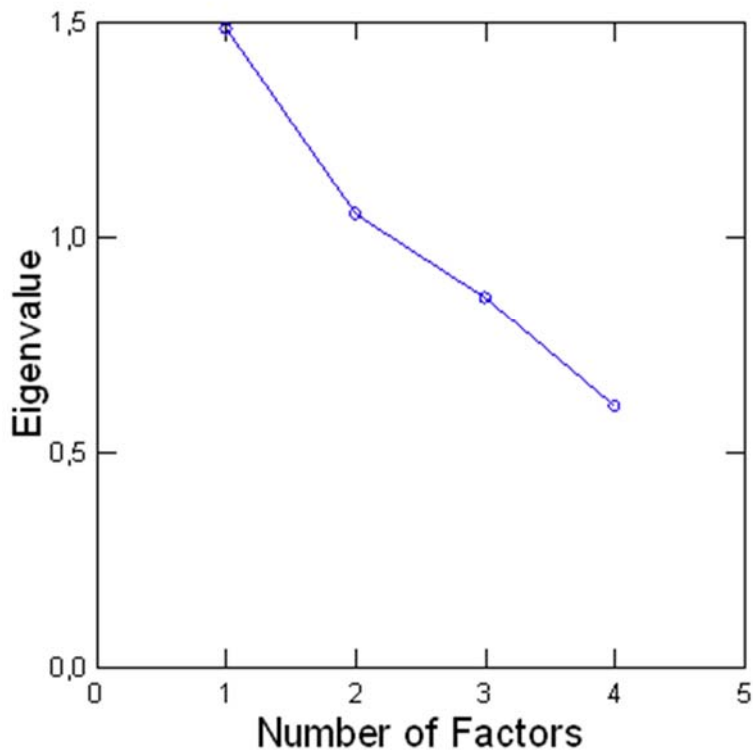
Variance Explained by Components

1	2	3
1,482	1,054	0,859

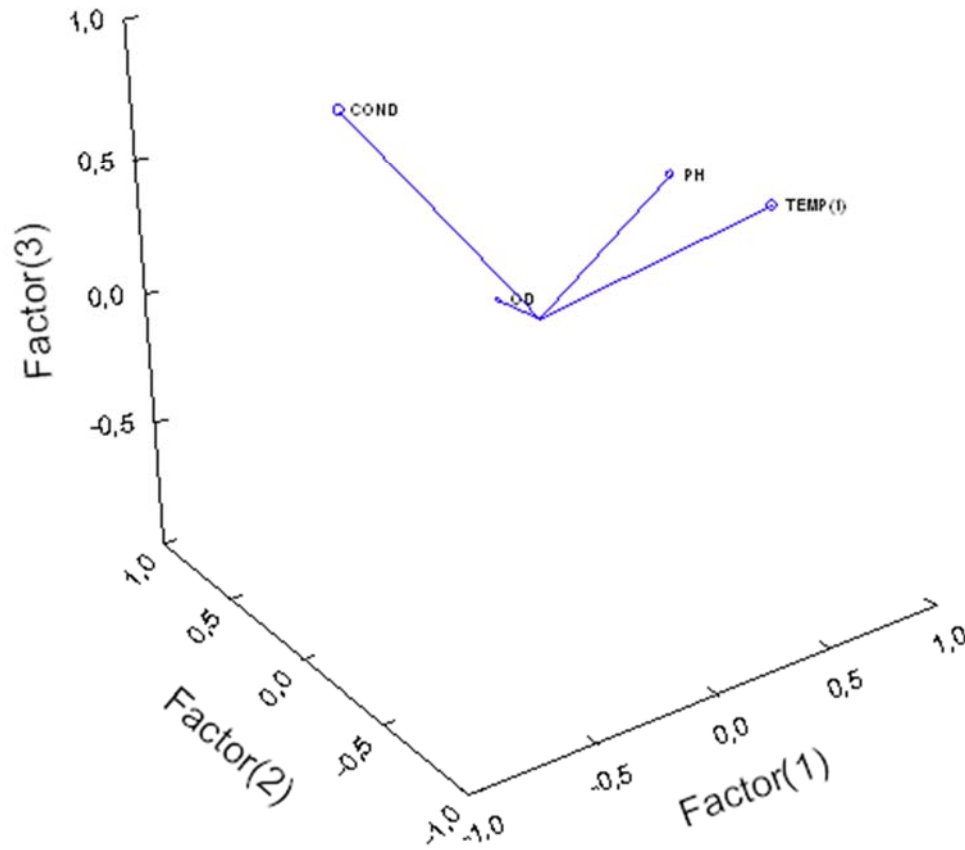
Percent of Total Variance Explained

1	2	3
37,048	26,344	21,474

Scree Plot



Factor Loadings Plot



Coefficients for Standardized Factor Scores

	1	2	3
PH	0,515	0,224	0,347
TEMP(1)	0,469	-0,374	0,442
COND	-0,346	0,413	0,854
OD	0,264	0,767	-0,345

Standardized Scores have been saved.

```
> PLENGTH SHORT
> REM -- End of commands from the FACTOR dialog
> REM -- Following commands were produced by the FACTOR dialog:
> Rem FACTOR
> MODEL PH COND OD TEMP(1)
> SAVE 'C:\Users\FernandaT\SYSTAT\SYSTAT_13\Data\scorelagoa' / SCORES
> ESTIMATE / PAIRWISE CORR METHOD=PCA NUMBER=2 SORT EIGEN=0.7
```

▼ Factor Analysis

Latent Roots (Eigenvalues)

1	2	3	4
1,482	1,054	0,859	0,605

Component Loadings

	1	2
PH	0,763	0,236
TEMP(1)	0,695	-0,394
COND	-0,513	0,435
OD	0,391	0,809

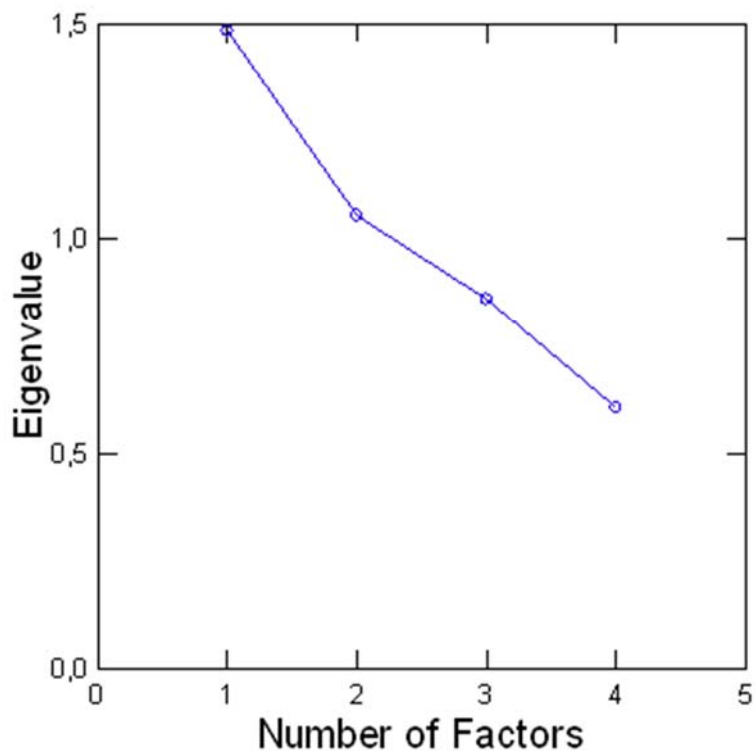
Variance Explained by Components

1	2
1,482	1,054

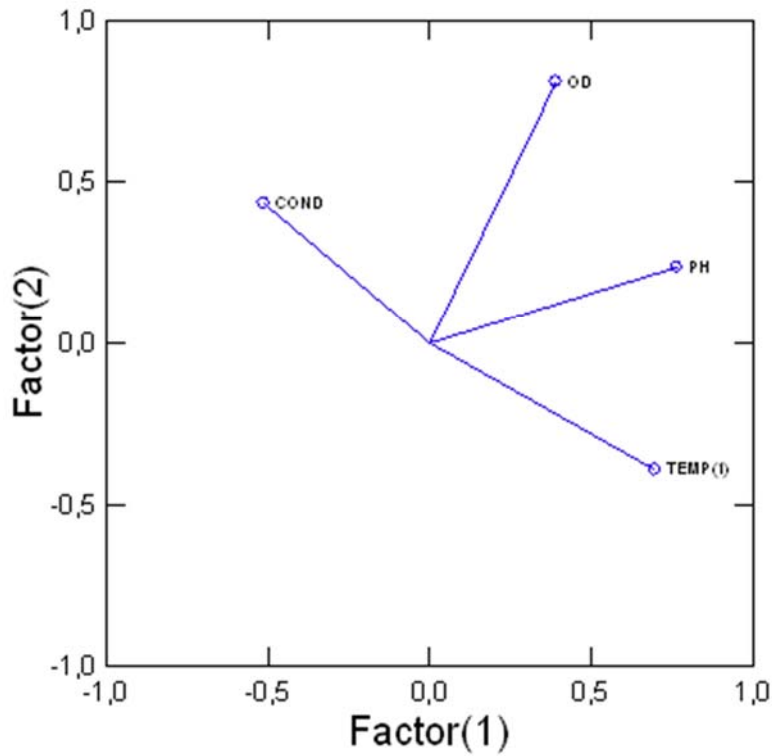
Percent of Total Variance Explained

1	2
37,048	26,344

Scree Plot



Factor Loadings Plot



Coefficients for Standardized Factor Scores

	1	2
PH	0,515	0,224
TEMP(1)	0,469	-0,374
COND	-0,346	0,413
OD	0,264	0,767

Standardized Scores have been saved.

```
> PLENGTH SHORT
> REM -- End of commands from the FACTOR dialog
> REM -- Following commands were produced by the FACTOR dialog:
> Rem FACTOR
> MODEL PH OD TEMP(1)
> SAVE 'C:\Users\FernandaT\SYSTAT\SYSTAT_13\Data\scorelagoa' / SCORES
> ESTIMATE / PAIRWISE CORR METHOD=PCA NUMBER=2 SORT EIGEN=0.7
```

▼ Factor Analysis

Latent Roots (Eigenvalues)

1	2	3
1,382	1,008	0,611

Component Loadings

	1	2
--	---	---

PH	0,835	0,006
TEMP(1)	0,664	-0,604
OD	0,494	0,802

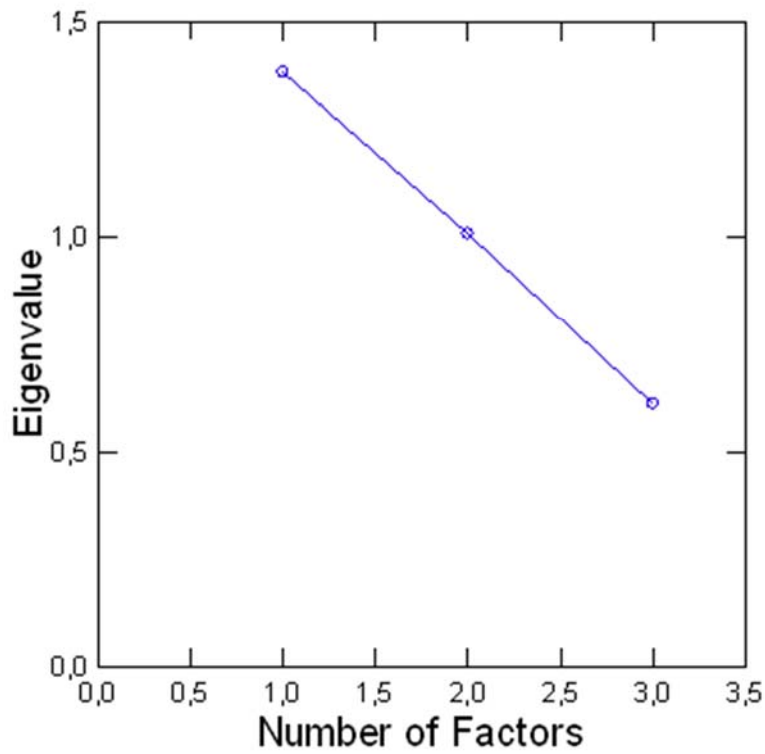
Variance Explained by Components

1	2
1,382	1,008

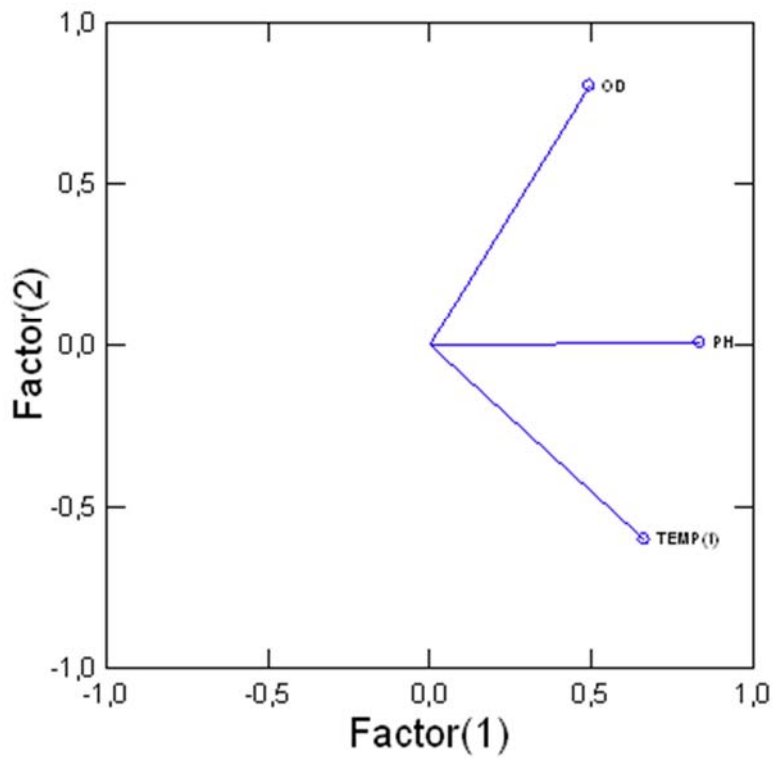
Percent of Total Variance Explained

1	2
46,052	33,585

Scree Plot



Factor Loadings Plot



Coefficients for Standardized Factor Scores

	1	2
PH	0,605	0,006
TEMP(1)	0,480	-0,599
OD	0,357	0,796

Standardized Scores have been saved.

```
> PLENGTH SHORT  
> REM -- End of commands from the FACTOR dialog
```