

[Thu Mar 12 14:02:57 2009] Log file created
 [Thu Mar 12 14:05:55 2009] Settings changed
 [Thu Mar 12 14:06:07 2009] CON file [C:\Documents and Settings\veronica.rossi4\Desktop\DCCA results.con] saved
 [Thu Mar 12 14:06:22 2009] Settings change cancelled
 [Thu Mar 12 14:06:23 2009] Running CANOCO:
 [Thu Mar 12 14:06:23 2009] CON file [C:\Documents and Settings\veronica.rossi4\Desktop\DCCA results.con] saved
 Program CANOCO Version 4.5A February 2003 - written by Cajo J.F. Ter Braak
 (C) 1988-2003 Biometris - quantitative methods in the life and earth sciences
 Plant Research International, Wageningen University and Research Centre
 Box 100, 6700 AC Wageningen, the Netherlands
 CANOCO performs (partial) (detrended) (canonical) correspondence analysis,
 principal components analysis and redundancy analysis.
 CANOCO is an extension of Cornell Ecology program DECORANA (Hill,1979)

For explanation of the input/output see the manual or
 Ter Braak, C.J.F. (1995) Ordination. Chapter 5 in:
 Data Analysis in Community and Landscape Ecology
 (Jongman, R.H.G., Ter Braak, C.J.F. and Van Tongeren, O.F.R., Eds)
 Cambridge University Press, Cambridge, UK, 91-173 pp.

*** Type of analysis ***

Model	Gradient analysis		
	indirect	direct	hybrid
linear	1=PCA	2= RDA	3
unimodal	4= CA	5= CCA	6
,,	7=DCA	8=DCCA	9
	10=non-standard analysis		

Type analysis number
 Answer = 8

*** Data files ***

Species data : C:\Documents and Settings\veronica.rossi4\Desktop\forams
 abundance
 Covariable data :
 Environmental data : C:\Documents and Settings\veronica.rossi4\Desktop\depth
 Initialization file:

Number of segments	=	26
Nonlinear recaling of axes		
Rescaling threshold	=	0.00
Number of axes in biplot	=	2
Diagnosics	=	2

File : C:\Documents and Settings\veronica.rossi4\Desktop\forams abundance
 Title : WCanImp produced data file
 Format : (I5,1X,10F7.2,4(/6X,(10F7.2)))
 No. of couplets of species number and abundance per line : 0

No samples omitted	
Number of samples	112
Number of species	45
Number of occurrences	2173

File : C:\Documents and Settings\veronica.rossi4\Desktop\depth
 Title : WCanImp produced data file
 Format : (I5,1X,1F6.1)
 No. of environmental variables : 1

No interaction terms defined

No transformation of species data
 No species-weights specified
 No sample-weights specified
 No downweighting of rare species

No. of active samples: 112
 No. of passive samples: 0
 No. of active species: 45

Total inertia in species data=
 Sum of all eigenvalues of CA = 2.02549

***** Check on influence in covariable/environment data *****

The following sample(s) have extreme values

Sample	Environmental variable Influence	Covariable influence	+ Environment space influence
98			3.2x
99			3.5x
100			4.3x
102			3.2x

***** End of check *****

1

**** Weighted correlation matrix (weight = sample total) ****

SPEC AX1	1.0000					
SPEC AX2	-0.4049	1.0000				
SPEC AX3	0.3263	0.1643	1.0000			
SPEC AX4	0.1507	0.3876	0.0698	1.0000		
ENVI AX1	0.8996	-0.2556	0.1260	0.1493	1.0000	
ENVI AX2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENVI AX3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000					
ENVI AX4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000				
WATER DE	0.8996	-0.2556	0.1260	0.1493	1.0000	0.0000
	0.0000	0.0000				

	SPEC AX1	SPEC AX2	SPEC AX3	SPEC AX4	ENVI AX1	ENVI AX2
ENVI AX3						
ENVI AX4						

N name (weighted) mean stand. dev. inflation factor

1	SPEC AX1	1.5326	0.8180	
2	SPEC AX2	1.3824	0.6765	
3	SPEC AX3	1.1284	0.3730	
4	SPEC AX4	0.8535	0.3141	
5	ENVI AX1	1.5326	0.7359	
6	ENVI AX2	1.3824	0.0000	
7	ENVI AX3	1.1284	0.0000	
8	ENVI AX4	0.8535	0.0000	
1	WATER DE	34.4714	23.0199	1.0000

**** Summary ****

Axes		1	2	3	
4	Total inertia				
	Eigenvalues	:	0.420	0.306	0.116
	0.072 2.025				
	Lengths of gradient	:	2.973	3.029	1.762
	1.857				
	Species-environment correlations	:	0.900	0.000	0.000
	0.000				
	Cumulative percentage variance				
	of species data	:	20.7	35.8	41.6
	45.1				
	of species-environment relation:		96.2	94.4	0.0
	0.0				
	Sum of all eigenvalues				
	2.025				
	Sum of all canonical eigenvalues				
	0.420				

[Thu Mar 12 14:06:23 2009] CANOCO call succeeded
 [Thu Mar 12 14:08:16 2009] CON file [C:\Documents and Settings\veronica.rossi4\Desktop\DCCA results.con] saved