

CHAPTER 3: MULTIDIMENSIONAL SCALING

Output from analysis of acoustic data

Stress and Fit Measures

Normalized Raw Stress	.03753
Stress-I	.19373 ^a
Stress-II	.43926 ^a
S-Stress	.09406 ^b
Dispersion Accounted For (D.A.F.)	.96247
Tucker's Coefficient of Congruence	.98106

PROXSCAL minimizes Normalized Raw Stress.

- a. Optimal scaling factor = 1.039.
- b. Optimal scaling factor = .974.

Final Coordinates

	Dimension	
	1	2
W	-.235	.153
G	.682	-.314
C	.718	.280
Q	.776	.068
P	.625	.114
T	.640	.176
B	.629	-.030
D	.690	-.076
E	.460	-.096
U	.554	-.271
V	.684	-.178
H	-.097	.699
F	-.426	.754
S	-.411	.651
X	-.293	.924
L	-.693	-.304
J	-.596	-.021
K	-.579	.077
M	-.326	-.391
N	-.285	-.230
A	-.396	-.096
O	-.454	-.155
I	-.157	-.732
R	-.564	-.699
Y	-.466	-.729
Z	-.483	.423

Object Points

Common Space

