

CHAPTER 3: MULTIDIMENSIONAL SCALING

Output from analysis of English dialect data

Stress and Fit Measures

Normalized Raw Stress	.02020
Stress-I	.14213 ^a
Stress-II	.30946 ^a
S-Stress	.03578 ^b
Dispersion Accounted For (D.A.F.)	.97980
Tucker's Coefficient of Congruence	.98985

PROXSCAL minimizes Normalized Raw Stress.

a. Optimal scaling factor = 1.021.

b. Optimal scaling factor = .997.

Final Coordinates

	Dimension	
	1	2
X1	.714	.166
X2	.503	-.034
X3	.249	.344
X4	1.278	-.222
X5	.910	.035
X6	.865	.012
X7	.671	-.032
X8	.685	-.319
X9	.119	-.153
X10	.523	.262
X11	.179	.028
X12	.036	-.381
X13	-.165	.356
X14	-.490	.509
X15	-.491	.300
X16	-.758	.559
X17	-.134	.379
X18	-.253	.096
X19	-.532	-.397
X20	-.850	-.189
X21	-.715	-.264
X22	-.603	-.732
X23	-.783	.063
X24	-.456	-.136
X25	-.503	-.251

Object Points

Common Space

