

CHAPTER 3: MULTIDIMENSIONAL SCALING

Output from analysis of economic and demographic data

Stress and Fit Measures

| | |
|---------------------------------------|---------------------|
| Normalized Raw Stress | .00287 |
| Stress-I | .05355 ^a |
| Stress-II | .10937 ^a |
| S-Stress | .00439 ^b |
| Dispersion Accounted For (D.A.F.) | .99713 |
| Tucker's Coefficient of Congruence | .99857 |

PROXSCAL minimizes Normalized Raw Stress.

a. Optimal scaling factor = 1.003.

b. Optimal scaling factor = .985.

Final Coordinates

| | Dimension | |
|---------|-----------|-------|
| | 1 | 2 |
| Case 1 | -.150 | -.239 |
| Case 2 | -.221 | -.114 |
| Case 3 | -.650 | .269 |
| Case 4 | -.723 | .348 |
| Case 5 | 1.062 | .133 |
| Case 6 | .504 | -.066 |
| Case 7 | .054 | -.159 |
| Case 8 | .938 | -.132 |
| Case 9 | -.116 | -.347 |
| Case 10 | -.046 | -.187 |
| Case 11 | -.697 | -.544 |
| Case 12 | .193 | -.046 |
| Case 13 | -.803 | .285 |
| Case 14 | -.587 | -.169 |
| Case 15 | .404 | .157 |
| Case 16 | .075 | .300 |
| Case 17 | -.892 | .129 |
| Case 18 | 1.357 | .088 |
| Case 19 | -.746 | .251 |
| Case 20 | .714 | .099 |
| Case 21 | .510 | -.170 |
| Case 22 | .158 | -.183 |
| Case 23 | -.445 | -.507 |
| Case 24 | -.670 | .422 |
| Case 25 | .778 | .384 |

Object Points

Common Space

