

OUTLINE STRUCTURE OF MDS COURSE

Courses in Multidimensional Scaling taught by me have the same common module structure, following the sequence of chapters in The Users Guide to Multidimensional Scaling. The same is true of the Course Content, contained in the web resource for the course (<http://www.tony.coxon.com>) .

1. Introduction to multidimensional scaling
2. Data: Measures of Similarity and Dissimilarity
3. Scaling: the basic Non-metric Distance Model
4. Interpreting Configurations
5. Characteristics of MDS models
6. Analysis of 2-way, 2-mode data
7. Three-way and further extensions of the basic model
8. Developments in multidimensional scaling.

Other references you will need:

NewMDSX programs: <http://www.newmdsx.com>

This site also contains links to related sites and programs which you will need, especially Heady's PERMAP and Brier's HAMLET

19 January 2004