MDS: "Classic" Metric/Linear multidimensional scaling

Developed by Householder, Eckart, Young in the 1930s; systematized by Torgerson 1958 improved by Gower 1966 (aka principal co-ordinates analysis).

Classic metric MDS is a 3-step process:

- Conversion of data ("distances") into scalar products
- 2. factoring (PCA) to yield orthogonal coordinates ...
- in a minimum number of dimensions, guaranteed to be an OLS fit to the data