Notes for Practical Session 9

Exercises for you to work on:

* addMV:4,5 (addMV:6, exam2012:3, exam2014:1)
* maybe catch-up from last session: addMV:3 (the Iris data from the lecture).

Schedule today:

- follow-up from Lecture 9: questions and/or requests for demonstrations (Minitab),
- extra demonstrations (Stata/R) for the methods in the lecture,
- another chance for individual discussions of course project (proposal due today),
- you work on the exercises on your own; two old exam questions as extras:
  * exam2012.3: regression problem (only for students not in VHM 812),
  * exam2014.1: part D) not covered in this year's course, and the same for the use of polynomial contrasts in C).

What you should be able to do after today's session...

– compute multivariate distances between multivariate data points, interpret such distances, and assess their validity,

– use multidimensional scaling, hierarchical cluster analysis and K-means clustering algorithms to determine and visualize clusters based on multivariate distances.