

## NOTES FOR PRACTICAL SESSION 11

Exercises for you to work on:

- \* `addMV:12,13` (`addMV:14`, `exam2016:1`, `exam2015:3`).

Schedule today:

- o **follow-up** from Lecture 11: questions and/or requests for demonstrations (Minitab),
- o some extra **demonstrations** (Stata and R) for the methods in the lecture,
- o home assignment 5 returned (with a chance to discuss, as needed),
- o you work on the exercises on your own,
  - \* `addMV:14` is about simulation-based ANOVAs; this is beyond the core part of the course, so given as an extra exercise,
  - \* `exam2015.3`: regression problem (only for students not in VHM 812),
  - \* `exam2016.1`: the discussion in D) has references to random effects models and correlation structure, topics that have not been discussed in the course yet.

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

- use multivariate regression and MANOVA to analyze factorial and/or covariate structures for subjects, on which multivariate observations are recorded.