

## NOTES FOR EXERCISES IN SESSION 13

\* add13:1-4; GO Exercise 7.5 (p. 162); exam2006:1,2.

### Today's session

- review exercise (relatively briefly): VER:22,
- brief review of last slide from lecture (13L–9),
- time for questions on the project,
- you work on your own with exercises,
- requests for review topics in final lab session?

Sample size calc. by software — for power-based methods (see also 13L–3),

- Minitab and Stata menus: **Stat-Power** and **Sample Size**,
- R: functions in **stats** library, see solution files.

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

- distinguish between different types of sample size calculations and choose the appropriate method for a practical problem,
- do simple sample size calculations by hand or software (depending on the type of analysis required),
- deal with more complicated sample size calculations by reducing them to a simple (manageable) situation.