

NOTES FOR EXERCISES IN SESSION 13

* add13:1-4; exam2012:2; exam2013:1 (add13:5).

Today's session

- * review exercise: GO Exercise 7.5 (p. 162),
- follow-up from lecture (13L–10/11/12) and complex experimental design,
- 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.