

NOTES FOR EXERCISES IN SESSION 7

- 7:58,59,143,145,91,102,103,104; 8:21,84,1,85,62; x:13
(7:40,66,93,132; 8:98; midterm 2013)
- use of software: recommended for Ch. 7 exercises, but *needed* for Ch. 8 exercises only for exact CIs & *P*-values,
* Minitab¹: from **Stat-Basic Statistics** menu,

Outline of lab session:

- review of methods for 2 proportions (7L–15/16),
- summary worksheet review (3:30pm): S.7:2a; S.8:9,
- individual work on the remaining exercises.

Second home assignment (at webpage):

- for 15% of course mark, covers Sessions 1-7, due Oct 22.

Notes and questions for specific exercises:

- 7.145: note that after log-transformation, the back-transformed estimate and confidence interval are for the median, not the mean (lecture slide 7L–3),
- 7.132: critique the quoted description of the analysis,
- 8.84, 8.85: compute both manually and using software (after deciding on the most appropriate method to use),
- midterm 2013: use for review after the other problems.

¹ Stata: `ci` and `ttest` commands, or **Statistics-Summaries...-Summary...** or **-Classical tests...** menus; R: `t.test` and `prop.test` functions — more details in solution program files.