

NOTES FOR EXERCISES IN SESSION 12

- 2:27,28,2; x:20; 2:60,57; 10:7,33; x:21; 10:40; final2014:3 (2:50,59; 10:18,27; final2012:1) — note suggested order,
- brief lecturing on Bayesian methods,
- brief Minitab review of regression/correlation commands,
- today's session focuses on *critically* assessing models and assumptions (using residuals), and on understanding *most/all* of the computer output. . .
- time for questions on 4th (and all) home assignments.

Notes and questions for specific exercises:

- 2.27, 2.28, 2.60: follow-up on problem from session 11P,
- 2.59: revisit part c) and do part d),
- 10.7: explore also the impact of observation no. 7,
- 10.18: test also (or instead) the hypothesis $H_0: \beta_1 = 1$, and interpret the hypothesis and the results,
- 10.40: hand calculation (computer of limited use),
- x.21: Minitab menu to compute ranks: **Data-Rank**,¹
- final2012.1 — good practice for first part of course,
- final2014.3 — good practice for ANOVA and regression.

¹ Stata: `egen rank` command; R: `rank` function.