

NOTES FOR EXERCISES IN SESSION 6

- * GO problems: 3.2,4.2,5.1; 3.5,4.3; add6:1
- * note suggested order!

Outline of lab session:

- follow-up from lecture with multiple comparisons and contrasts (6L–9/10/11/12), including software demonstrations (Minitab and Stata),
- you work on the exercises on your own (check the solutions!).

Notes for specific exercises:

- GO 5.1: use Bonferroni and Holm adjustments instead of Tukey's method,
- a calculator is useful today!

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

- * for a 1-way ANOVA (or a categorical predictor in a larger model): set up a contrast, compute estimate, standard error and associated sum of squares, and interpret results,
- * apply multiple comparison techniques (Bonferroni, Holm and Scheffé) to pairwise comparisons and contrasts.