

## Topics for Final Exam

There won't be any questions on topics taken before the midterm. There **won't** be any question from slides from Week 5: 'Hypothesis Testing'.

Refer to the slides for topic areas and text book for further details.

1. Chi-square test
2. Contingency tables
3. The F distribution
4. Error Propagation
5. Analysis of Variance
6. Assumptions for linear regression, tests for assumptions (e.g. QQ plots)
7. Understand the relationship of analysis of variance with linear regression.
8. Software Question: Carry out a Linear and/or Multiple Regression. Interpret results from software output, e.g. hypothesis testing, residuals, correlation.