Formalities, tips and reporting description for Introduction to Statistics 2. project
In continuation of project 1 data from Skive fjord is used for a linear regression analysis in Project 2.

The assignment is formulated such that it can be carried out in 7 steps, and in each step ends with a question to be answered in the report. An R script containing code to carry out most of the calculations and plotting needed are provided, however it is not complete and must be elaborated.

A report must be written. Divide the report into a subsection for each of the 9 steps. *You should when relevant state the assumptions, model, hypothesis, execution of test and conclusion*. Not only the math and numbers, but also a readable text, which could be nicely read by your colleagues.

The report must be handed in via Campusnet as a .pdf together with an .R file containing the code. Use the hand-in feature found under the assignment in the Campusnet group. The text (without figures and tables) should not exceed 6 pages (2400 characters per page). Remember last the hand-in deadline is 11. of November.

Plots, tables and R output must be given with a description and interpretation: plots and results without text and description, don't count in the evaluation. REMEMBER, especially in Question d), g), h) and i) to write the formulas, insert values and carry out the calculations – it is not enough to just use the results from R!

Furthermore for Question h) it is important to remember, that a test of a hypothesis consists of the following elements: State the hypothesis and the significance level, state the test statistic and its value, state the distribution of the test statistic, state the p-value and a conclusion.
It is allowed to work in groups when carrying out the calculations, but the reports must be written individually.

If you have questions, please use the Project 2 room at the discussion board in Campusnet:
Post only questions which you can't already find answered here and which follow the guidelines:

(1) Questions which can be answered with a yes/no answer.
(2) If you think some parts/questions in the project description are unclear, ask us to clarify and elaborate.
(3) If you have questions related to R functions etc. which are covered by the course.

You can also mail us (if you want to be anonymous) and we will answer the question here.