Formalities, tips and reporting description for introduction to statistics 1. project
The project consists of two parts. First part is a descriptive analysis of the water environment in Skive fjord. The second part is concerned with hypothesis testing and confidence intervals using the available data.

The assignment is formulated such that it can be carried out in 9 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, especially for the last part of the assignment.

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 collegues.

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 Tuesday 21. of october.

Plot, tables and R output must be given with a description and interpretation: plots and results without text and description, doesn't count in the evaluation.

In Question (f) and (h) the answer should be accompanied with formulas and detailed calculations for at least one case. For example in Question (f) it can be shown how the confidence band for VMP0 is calculated and thereafter the rest can just be carried out in R and written in the table. Question (i) can be answered with a table together with a descriptive text.

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 1 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.