

i General Information

Department of Economics

Examination paper for SØK1004 Statistics for economists

Examination date: June 10 2021

Examination time (from-to): 9:00 - 13:00

Permitted examination support material: A/All support material is allowed

Academic contact during examination: Costanza Biavaschi

Phone: 462 39 100

Technical support during examination: [Orakel support services](#)

Phone: 73 59 16 00

If you experience technical problems during the exam, contact Orakel support services as soon as possible before the examination time expires. If you don't get through immediately, hold the line until your call is answered.

OTHER INFORMATION

Make your own assumptions: If a question is unclear/vague – make your own assumptions and specify in your answer the premises you have made. Only reach out to academic contact in case of errors or insufficiencies in the question set.

Saving: Answers written in Inspira are automatically saved after you have uploaded your file. If you are working in another program remember to save your answer regularly.

Cheating/Plagiarism: The exam is an individual, independent work. Examination aids are permitted, but make sure you follow any instructions regarding citations. During the exam it is not permitted to communicate with others about the exam questions, or distribute drafts for solutions. Such communication is regarded as cheating. All submitted answers will be subject to plagiarism control. [Read more about cheating and plagiarism here.](#)

Notifications: If there is a need to send a message to the candidates during the exam (e.g. if there is an error in the question set), this will be done by sending a notification in Inspira. A dialogue box will appear. You can re-read the notification by clicking the bell icon in the top right-hand corner of the screen. All candidates will also receive an SMS to ensure that nobody misses out on important information. Please keep your phone available during the exam.

Citations: We do not require referencing/citations.

Weighting: Unless otherwise stated in the problem set, each question/problem is weighted equally.

File upload: All files must be uploaded before the examination time expires. 30 minutes are added to the examination time to manage the sketches/calculations/files. (The additional time is included in the remaining examination time shown in the top left-hand corner.)

[How to digitize your sketches/calculations](#)

[How to create PDF documents](#)

[Remove personal information from the file\(s\) you want to upload](#)

NB! You are responsible to ensure that you upload the correct file(s) for all questions. Check the file(s) you have uploaded by clicking "Download" when viewing the question. All files can be

removed or replaced as long as the test is open.

The additional 30 minutes are reserved for submission. If you experience technical problems during upload/submission, you must contact technical support before the examination time expires. If you can't get through immediately, hold the line until you get an answer.

ABOUT SUBMISSION

- **Your answer will be submitted automatically when the examination time expires and the test closes**, if you have answered at least one question. This will happen even if you do not click "Submit and return to dashboard" on the last page of the question set. You can reopen and edit your answer as long as the test is open. If no questions are answered by the time the examination time expires, your answer will not be submitted.
- **Withdrawing from the exam:** If you wish to submit a blank test/withdraw from the exam, go to the menu in the top right-hand corner and click "Submit blank". This cannot be undone, even if the test is still open.
- **Accessing your answer post-submission:** You will find your answer in *Archive* when the examination time has expired.

1 SØK1004 S21 Exam Questions

The exam consists of three exercises with several sub-questions. Answer all parts. Make sure to use Stata only when explicitly asked and otherwise perform all calculations by hand, showing all your work. Full credit will be given only to correct answers that are fully justified. All sub-questions have similar weight, unless otherwise stated.

The question set is available to download here: [Exam Questions](#)

You are asked also to use statistical tables. The tables are available for download here: [Statistical Tables](#)

To solve question 1, you are given below a dataset. To download the dataset, it should be enough to click on it. You might receive it as a .zip file. In that case, decompress it to get your .dta file. **If you have problems in getting the dataset in Inspira, note that the same dataset will appear as a .dta file on Blackboard in the tab "Previous Exams" when the exam starts - so check it up there if you have issues.**

The dataset is available here: [exercise1_s21.dta.zip](#)

When done, upload your answers, in a single file. **Remember to include your do-file at the end of it (copy it or take a picture of it).**



Please upload your file here

All file types are allowed. Maximum file size is **50 GB**

Select file to upload

Maximum marks: 100