

**i Examination paper for TMA4295 Statistical inference****Date:** 13.12.2025**Time:** 09.00-13.00**Course contact:** Håkon Tjelmeland**Present at the exam location:** Yes, at approximately 11.00**Permitted examination support material:** C: Tabeller og formler i statistikk, Akademika; A specific basic calculator.**OTHER INFORMATION****Read the questions carefully** and make your own assumptions. In your answers, explain clearly what assumptions you have made and how you have understood or limited the assignment

If there are direct errors or omissions in the assignment set and you cannot make your own assumptions, please refer to the information about complaints regarding formal errors on the NTNU website "Explanation of grades and appeals".

**SPECIFIC INFORMATION FOR YOUR COURSE****All answers should be justified.** In the evaluation it will be emphasised that it from the solution is easy to understand the reasoning leading to the results. In particular, it will be emphasised that the solution includes all natural intermediate calculations.**Paper drawings:** The answers of all problems should be given on handwritten sheets. At the bottom of the question, you will find a seven-digit code. Fill in this code in the top left corner of the sheets you wish to submit. **Please note that only blue or black ballpoint pens are allowed.**

We recommend that you do this during the exam. If you require access to the codes after the examination time ends, click "Show submission".

You are responsible for filling in the correct codes on the handwritten sheets. Therefore, read the cover sheet carefully. The Examination Office cannot guarantee that incorrectly completed sheets will be added to your assignment.

**Weighting:** The problem set consists of eight problems (1a, 1b, 1c, 2a, 2b, 3a, 3b and 3c). In the evaluation, equal weight will be given to each of these eight problems.**Withdrawing from the exam:**

If you wish to submit a blank test/withdraw from the exam for another reason, 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.

**Access to your answers:**

After the exam, you can find your answers under previous tests in Inspira. Be aware that it may take a working day until any hand-written material is available in "previous tests".