

# TMA4268 Statistical learning

Grading document for exam 24 May 2018

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This document describes how the grading was done for the TMA4268 H2017 exam. It should be read together with the exam solutions available at <https://www.math.ntnu.no/emner/TMA4268/Exam/e2018sol.pdf>.

## Grading scale

The NTNU official grading scale was used:

- A: 89-100 points
- B: 77-88 points
- C: 65-76 points
- D: 53-64 points
- E: 41-52 points
- F: 0-40 points

To secure a passing grade it was necessary to pass the written exam (scoring at least 28.7/70 points), and to secure a score of at least 4/10 for each of the 3 compulsory exercises.

## Grade statistics

A total of 79 students handed in the written exam, resulting in the following grade frequencies:

Grade	A	B	C	D	E	F
	58	27	8	3	0	5

The average score for the 7 problems were:

Problem	1	2	3	4a	4b	4c	5
	8.05	8.12	7.6	7.61	8.16	8.46	8.37

In addition, for the 7 problems were partitioned into 28 questions (Q1-Q28). For each questions I used a score from 0-100. Boxplots and mean score (red dot) are shown below, and the numbers on top of the plot are the weights put on each question.

## Weighting of each question

The maximal possible score for each item was given on the exam. For the different questions within each item, the maximal score is given below. This grading scheme will also be used for complaints (klager).

Qs	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14
Max score	3	2	3	2	1	5	1	2	1	2	1	6	1	4
Qs	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28
Max score	3	3	5	4	1	3	3	1	2	1	1	5	1	3

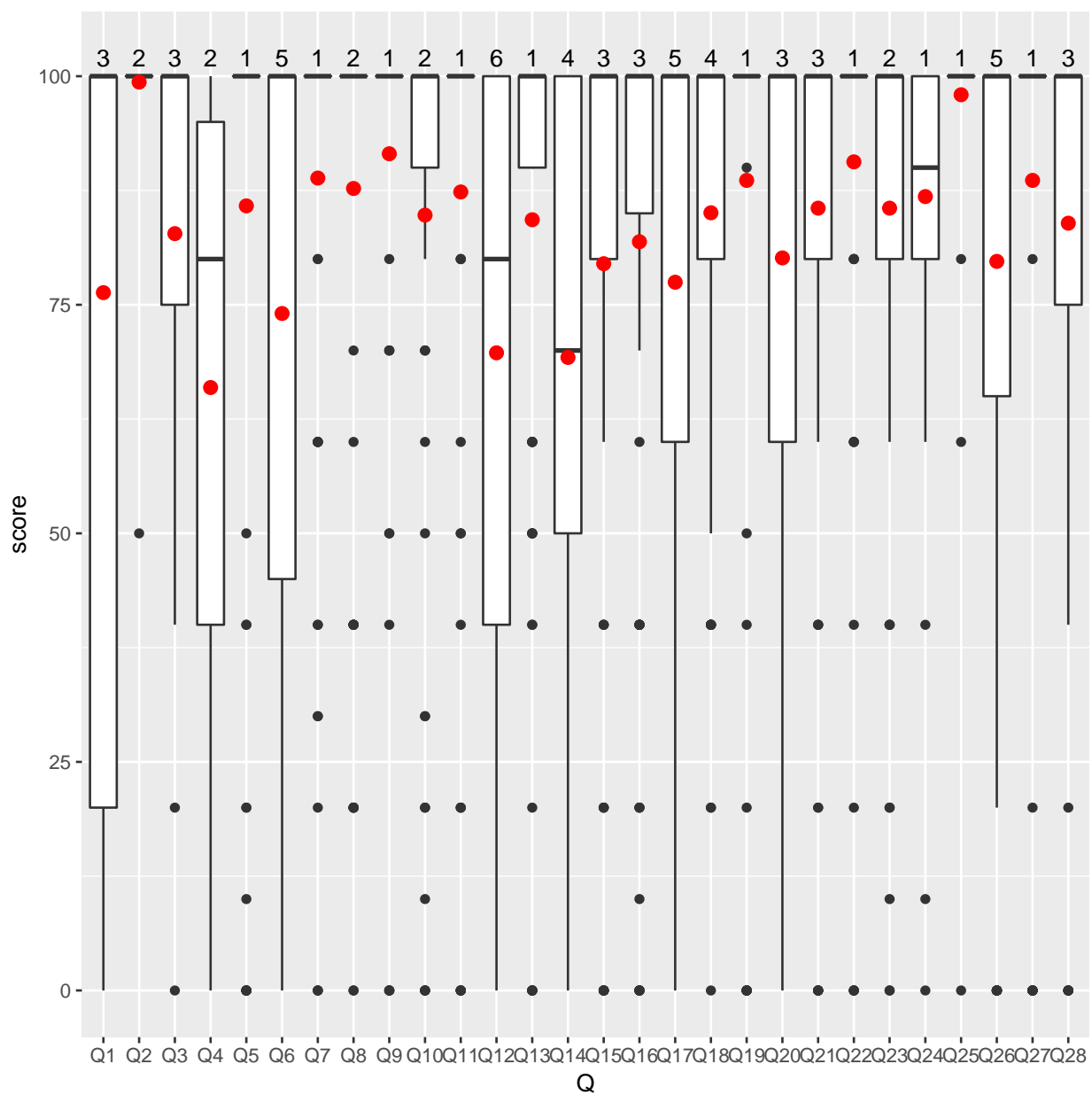


Figure 1: Score for Q1-Q28

## Continuation exam

- The continuation exam will be an oral exam.