Exam result

Midterm exam in GRA6035 Mathematics 12/10/2018

Summary

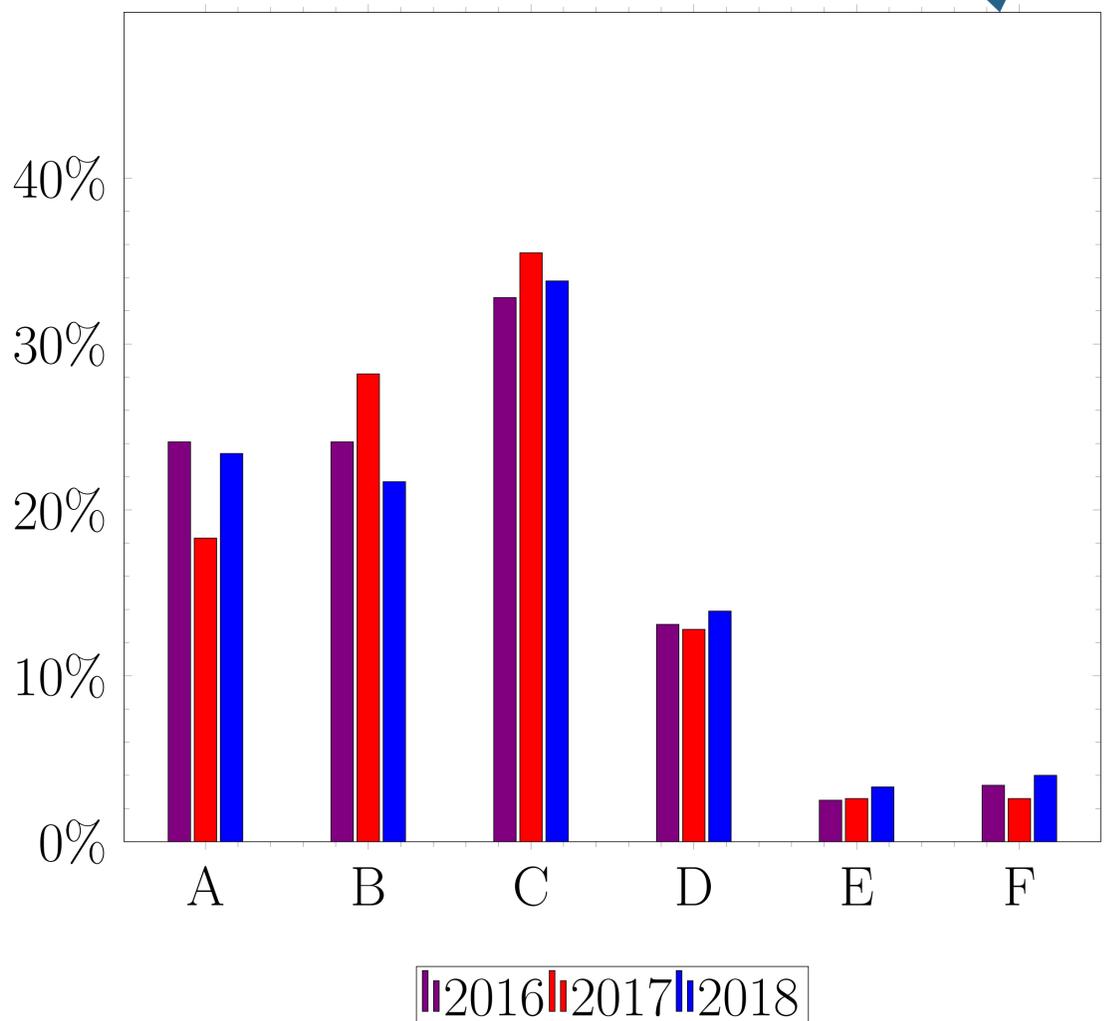|	
Grade A-B	45.1%
Grade F	4.0%
Average score	13.7p (C)

Comments

The results on the midterm exam were **overall very good**. Question 2,3,5,8 had the highest rate of wrong answers, and Question 6,8 had the lowest answering rate. This was to a large extent expected, as these were among the most difficult questions. Many questions were **identical to or very similar to Key Problems**. A summary of scores is given in the table below.

Average score per problem

	Correct A.	Wrong A.	Unansw.
Score:	3p	-1p	0p
Question 1:	92%	9%	1%
Question 2:	57%	26%	17%
Question 3:	57%	34%	9%
Question 4:	88%	9%	2%
Question 5:	59%	32%	10%
Question 6:	50%	16%	35%
Question 7:	81%	16%	3%
Question 8:	31%	29%	40%

I expected better results on Question 2 and 5, and a higher answering rate on Question 6, and recommended that you **review all problems that you did not answer correctly**. In Q2, we must have $\mathbf{v}_2 = 3\mathbf{v}_1$ for the vectors to be linearly dependent, and this is not true for any t. In Q5, the matrix is diagonalizable since it is symmetric. Q6 is a standard Markov chain computation. Detailed solutions to all questions can be found at www.dr-eriksen.no.

Grade distribution last 3 years

2016 2017 2018

Grading scale

A 20p
B 15p
C 9p
D 5p
E 3p