

MA 486-25 (Statistics), Dr. Chernov  
Due Tue, May 15

Assignment #5

5th Edition: 7.6.1, 8.1.2, 8.1.12b, 8.2.3, 8.2.4\*, 8.3.2

6th Edition: 8.5.1, 8.6.2, 8.6.12b, 8.7.3, 8.7.4\*, 7.8.2

!!! In the last problem (8.3.2/7.8.2), include the values of  $[X]$ ,  $[Y]$ ,  $[X^2]$ ,  $[Y^2]$ ,  $[XY]$ ,  $c_{xy}$ ,  $r$ .

The starred problems are for extra credit. Each problem is graded on the base of “4 points max”.

The average in the second midterm test is 86 out of 100 (slightly better than in the first test). The statistics of grades in the second test is 11A, 3B, 2C, 0D, 2F. In the first test the average was 84 and the grade statistics was 11A, 4B, 1C, 0D, 3F.