

MATH 5670-6670 Fall 2019

Quiz 4, take-home, due Monday, December 2

1. (2.5) Pick one problem from the file 'BP_16_conditioning_exercises'.

2. (2.5) Problem 7.39, p. 355

Amazingly, there are lots of exercises after Chap. 7 that factually fit Chapter 6.

Observe that your objective is not to find marginal pdf's. One is easy, the other cannot be computed in elementary terms.

Yet, $E X$, $E Y$, $E (XY)$ can be computed. Don't forget "smart integration".

Bonus (2 points)

Either pick one more problem from 'BP_16_conditioning_exercises',

or choose either one of 7.50 or 7.51