

MA204: Mathematical Statistics

Assignment 5

Part I (**Weights 4%**):

Submit your solutions for randomly selected 7 questions from Q5.1 ~ Q5.11 on pages 227–229 of Lecture Notes <<Mathematical Statistics>>

Part II (**Weights 1%**):

Please find one question (denoted by Q5.12) from any textbooks of mathematical statistics (in English) satisfying the following conditions

1. The content of your Q5.12 must belong to Chapter 5 of Lecture Notes <<Mathematical Statistics>>.
2. 请标明你的 Q5.12 是来自哪一本书的哪一页, for example:

Miller, I. and Miller, M. (2004). John E. Freund's Mathematical Statistics with Applications (7-th Edition). Prentice-Hall, New Jersey, Pages 6-7.

3. 你可以从任何中文的数理统计书中找一个题目及答案, 但要翻译成为英文.
4. 你的 **Q5.12** 既要不同于本教科书中的任何 **Examples, Exercises**, 也要不同于 **Tutorial** 中的任何 **Examples** 以及本课 **QQ** 群中所给的 **100 Problems**.
5. **Please submit the question Q5.12 itself with your solution.**
6. 鼓励用 **Word** 或 **Latex** 编辑
7. **Q5.12 and its solution should be submitted to 徐彬同学.**