

統計學 II (Statistics II)

Spring 2021

Instructor: Tzuling, Lin (林子綾)

Office Hours: By appointment

課程目標

本課程目的在培養學生了解統計學基本原理，包含統計資料、機率論、機率分配、抽樣分配和估計與檢定。希望學生具有解決分析問題之基本能力。

教科書

Statistics for Business and Economics, 14e, Anderson , Sweeney, Williams, Camm, Cochran 滄海書局

評分標準

課程參與：10%（含隨堂測驗，缺席4次以上0分）

實習課課程參與：10%

期中與期末考：各45%

課程規劃

Week	Date	Topics Covered	實習
1	2/24	Overview	2/26(OFF)
2	3/3	Chapter 9: Hypothesis Tests	3/5
3	3/10		3/12
4	3/17	Chapter 10: Inference about Means and Proportions with Two Populations	3/19
5	3/24		3/26
6	3/31	Chapter 11: Inference about Population Variances	4/2(OFF)
7	4/7	Chapter 12: Comparing Multiple Proportions, Test of Independence and Goodness of Fit	4/9
8	4/14		4/16
9	4/21	期中考	4/23(OFF)
10	4/28	Chapter 13: Experimental Design and Analysis of Variance	4/30
11	5/5		5/7
12	5/12	Chapter 14: Simple Linear Regression	5/14
13	5/19		5/21
14	5/26	Chapter 15: Multiple Regression	5/28
15	6/2		6/4
16	6/9		6/11
17	6/16	期末考	6/18(OFF)
18	6/23	檢討考券	6/25(OFF)