

Psychological and Educational Statistics (II)

Goals:

1. Be familiar with the statistical theories and methods within the framework of psychology and education.
2. Learn how to conduct appropriate statistical analysis using computer software (Excel), as well as provide correct explanations.
3. Enhance the ability of problem-solving and the ability to cooperate with classmates.

Schedule :

Wed. 7-9

Outline :

date	Topic
02/15	Introduction and review
02/22	Sampling distributions and estimators
03/01	Confidence intervals
03/08	Confidence intervals
03/15	Hypothesis testing
03/22	Midterm I
03/29	Hypothesis testing
04/05	Tomb Sweeping Festival
04/12	Hypothesis testing
04/19	Categorical data analysis
04/26	Categorical data analysis
05/03	Midterm
05/10	Linear correlation
05/17	Linear correlation
05/24	One-way ANOVA I
05/31	One-way ANOVA I
06/07	Simple linear regression
06/14	Final

Evaluations :

1. 20% for each midterm and final examine
2. 40% for homework

Textbook :

1. 王文中、錢才瑋 (2012)。統計學與 Excel 資料分析之實習應用。台北：博碩。

Online classroom (Google meet)

<https://meet.google.com/ech-oxcu-zdw>

Notes:

1. Students who wish to enroll this course with limit **HAVE TO** attend the vary first class and provide the reason for enrollment in advance.
2. This course only accepts student who currently enrolls one of the following programs: 主修、雙主修或輔系教育心理與諮商學系、心理學第一或第二專長。