

# STA 13A

## First Week Discussion

Liwei Wu

### Brief Introduction about myself

My name is Liwei Wu or you can call me Wilson. I was born and raised in mainland China. At 18, I went to Hong Kong for my undergraduate. I have studied abroad in Cambridge, UK and Madison, WI for months before. Now I am in Davis for my PhD in Statistics. I am first year PhD student and also it is my first time to be a TA. So please do not hesitate to raise your hands to ask questions in class if you cannot follow me. Or you can approach me right after class or during my office hours.

### Some rules about class

- Please remain quiet and do not talk with fellow students during the discussion unless told.
- You are always welcome to contact me via email which is on the right corner of each page.
- Office hours are tentatively set up on Friday afternoon 1pm to 2pm.

### Review on materials covered

- How to use MyStaLab: Homework
- Professor email: [lang@csus.edu](mailto:lang@csus.edu) (*Don't send email to his UCDAVIS email*)
- *Textbook: McClave and Sincich, A First Course in Statistics*

### Some Important terminology

- Definition of Statistics
- Descriptive statistics vs. Inferential Statistics
- population vs. sample
- A statistical inference is an estimate, predication, or some other generalisations about a population based on information contained in a sample.
- quantitative data vs. qualitative data
- published source, designed experiment vs. observational study (e.g. survey)

- representative sample and random sample
- selection bias, nonresponse bias, and measurable error

## **Some Typical Questions**

- Refer to Textbook 1.12, 1.18, 1.22 and 1.32
- Questions on homework if you have any!!! If not, that is the end of class :)