Quantitative Methods 2

Tutorial 1

Nhan La

Overview

- nhan.la@unimelb.edu.au
- Tutorial attendance
  - 10% of total grade
    - 10 of 11 tutes from tute 2
  - Mark given for attending the registered tutes
  - If attend other tutes
    - Acceptable reason with proof
    - Contact Richard Hayes within 1 week

Overview

- Part A: In-tute exercises
  - Complete during the tutes
  - Work in your own pace
  - Group work recommended
- Part B: Assessment exercises
  - Post-tute practice
  - Bring work to tutes

Overview

- Assignments
  - 3 assignments, each worth 5% total grade
  - Individual or group work
    - Group of 2 from the same tute
  - Submit PDFs
- Mid-semester online test
  - 5% total grade
- Final exam
  - Hurdle, 70% total grade
  - Manual calculation

Overview

- Review of intermediate statistics
- Comparing populations (bivariate analysis)
  - Parametric tests vs. Non-parametric tests
  - Central locations (means, medians), variances, proportions, frequencies
- Regression (multivariate analysis)
  - Simple & multiple linear regression
  - Nonlinear regression
- Time series regression

Overview

- EViews
  - Version 10
  - Purchase University Edition
  - Use Student Version Lite for free
    - Copy and save data to Excel
- Extensive use in tutes and assignments

Tutorial 1

- Introduction to EViews
  - EViews working windows
  - Create a data set
  - Differentiate qualitative vs. quantitative series
- General hints
  - Assign names to series
  - Save the data set to your personal storage (USB, Dropbox, GoogleDrive...)

Tutorial 1

- Types of series
  - Series Alpha: Qualitative variables
  - Series: Quantitative variables

Tutorial 1

- Create a numeric series b from a string series a

$$series\ b = @val(a)$$

- Create a string series y from a numeric series x

$$alpha\ y = @str(x)$$