

STAT2008/STAT6038

Introduction

Contact Details

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New Features (some from last year)

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- New approach to assessment
- New lecturer
- New lecture slides
- New Programming Environment : R
- Some course material may still refer to S-Plus:
 - both based on S
 - Functions, expressions, commands etc are the same
 - Assignment operator different

Course Outline

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- Please read the outline!!
- The course outlines details:
 - ▣ Rules regarding assessment
 - ▣ Assignment submission dates and information regarding late assignments – **No late assignments will be accepted, No exceptions this is school policy.**
 - ▣ Tutorial Enrolment
 - ▣ Rules regarding examinations
- Please note that the course outline timeline is approximate

Lectures

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- 3, 1 hour classes, with each class consisting of a:
 - ▣ Lecture; and
 - ▣ Discussion of administrative issues (Occasionally)
- Classes will follow the lecture slides, available on Wattle.
- In the lecture I will also have:
 - ▣ Discussion;
 - ▣ Questions;
 - ▣ Live demonstrations in R; and,
 - ▣ Class examples.

R

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- STAT2008/STAT6038 makes extensive use of the R statistical programming language
- R (available to students to download from Wattle)
 - ▣ Instructions also on Wattle
 - ▣ If you have problems email me

Why R?

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- ❑ Free (The price is right!)
- ❑ Open source
- ❑ Many packages
- ❑ Large support base
- ❑ Multi-platform
- ❑ Vectorisation

R

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- ❑ PC labs are located at many places around campus:
- ❑ <http://infocommons.anu.edu.au/labs.asp>
- ❑ Students should be able to use their student cards to access these computing laboratories and should have a computer account automatically set up for them upon registration for this course

Reading Brick on Wattle

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- ❑ Available for background reading
- ❑ Material directly from lectures examinable
- ❑ If something in the brick is not covered in lectures, it won't be examinable.

Lectures

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- ❑ Lectures are recorded
- ❑ Be aware that this is NOT a substitute for attending a lecture
- ❑ Whiteboard, overheads....not captured in a recording
- ❑ I make extensive use of the whiteboard (though I will try to make some use of the document camera, which will be captured in the recording)!

Tutorials and Worksheets

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- ❑ **Tutorial exercises and worksheets will be posted on Wattle.**
 - ❑ There will be one tutorial class per week starting from 2nd week of lectures continuing until week 13 – (there are 4 worksheets covered in weeks 2 and 3, and 5 sets of tutorial questions. Each set of tutorial questions can span a couple of weeks)
- ❑ **Don't forget to enrol – follow the course outline instructions**
- ❑ **The first two tutorials (worksheets 1-4) are really just exercises for you to complete during the tutorial to get you familiar with R**
- ❑ **Your tutor will be able to give you any help you need during the tutorial**

Wattle site

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- ❑ <http://wattle.anu.edu.au>
- ❑ Access to all enrolled students
- ❑ Course announcements
- ❑ Lecture slides (pdf and powerpoint)
- ❑ Data sets
- ❑ Assignment questions, hints, information
- ❑ Tutorial questions, selected solutions
- ❑ Workshop exercises
- ❑ *Please check this site frequently!*

Assessment

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- Details about assessment may change during the first two weeks of semester.
- Any changes to the assessment schedule will be posted to the Wattle site and I will notify students in lectures

Assessment

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Assessment item	Description and detail of the assignment	Specific requirements	Due date	Weighting (%)
Assignment 1	Simple Linear Regression	Analyse provided data and answer required questions	5 pm Thursday 3 April 2014	20%
Assignment 2	Multiple Linear Regression	Analyse provided data and answer required questions	5 pm Thursday 22 May 2014	20%
Final Examination	Whole course	Answer required questions based on provided information and R printout.	Centrally timetabled.	60%

Assessment

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- It is important that you do all work on assignments by yourself (or where permitted with a partner). Generally, cases of copying are easier to detect than you may suspect.
- Collaboration (except permitted group work) will be taken seriously and there will be consequences for students found to have submitted work that is not their own.

Assessment

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- Please make sure that you are familiar with the rules regarding
 - ▣ Extensions – There will be no extensions
 - ▣ Penalties – 100%
 - ▣ School policy – no exceptions

Some tips!

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- Attend Lectures
- Attend Tutorials (attendance is recorded but not compulsory)
- Ask your tutor for help
- Ask me for help
 - ▣ Usually better to ask in person rather than email
 - ▣ You can of course email me
 - ▣ Make an appointment to see me
 - ▣ After lectures
 - ▣ Please ask questions!
- Keep up to date!!!