

Eco 5316 Time Series Econometrics

Lecture 1 Introduction

Contact Information

- ▶ classes: TR 9:30am-10:50pm, 0154 Holden Hall
- ▶ instructor: Jan Duras
- ▶ email: jan.duras@ttu.edu
- ▶ office: 257 Holden Hall
- ▶ office hours: M 4pm-6pm and by appointment
- ▶ **please check your emails every day for important class announcements**
- ▶ **when sending an email start the subject with 'Eco 5316'**

Expectations - Course Content

- ▶ textbook
Enders, W. *Applied Econometric Time Series*, Fourth Edition, Wiley, 2014.
Tsay, R. S. *Analysis of Financial Time Series*, Third Edition, Wiley, 2010.
- ▶ trade offs faced - depth vs breadth, theory vs application
- ▶ we will cover some theory, to understand the methodology, but the focus and emphasis is on applying the methods

Expectations - Grading

- ▶ no exams
- ▶ weekly homework assignments
- ▶ one short presentation of a HW problem
- ▶ you are strongly encouraged to work in study groups; however you have to submit your own solution

Expectations - Homeworks and Presentation

- ▶ all homeworks will be either on datacamp.com, or will ask you to do some empirical work in R
- ▶ you will have to present one of the HW problems in class
- ▶ this presentation should be about 5 minutes long and has to be prepared in beamer using R Markdown

Expectations - R

- ▶ we will use R rather than Stata or EViews - it requires bigger time investment, but the payoff is worth it
- ▶ you have full access to **all** courses on datacamp.com until July 18, 2018
- ▶ if you have any question/problem with R stackoverflow.com is a great resource to look for answers/suggestions

Expectations - Class Attendance

- ▶ smartphones, tablets, laptops and any other electronic devices are not to be used in class unless instructed to do so
- ▶ there is ample empirical evidence that they disrupt learning and have negative effect on GPA, they are also not particularly efficient for learning even if used for taking notes
- ▶ a couple of links to some of these studies

The New Marshmallow Test: Students Can't Resist Multitasking

Advantages of Longhand over Laptop Note Taking

Laptop Multitasking Hinders Classroom Learning for Users and Nearby Peers

In-class Laptop Use and its Effects on Student Learning

Facebook and Texting Made Me Do It

Examining the Impact of Off-task Multi-tasking with Technology on Real-time Classroom Learning

Expectations - Overall Learning Experience

learning econometrics is similar to learning kung-fu, snowboard, or play guitar:

1. you can not learn it just by looking at somebody else doing it or by listening to somebody else talking about it
I can help you but the main work has to to be done by you
2. it is a frustrating, painful experience: **this** is how everyone would like to learn things, but **this** is how it really is in the end

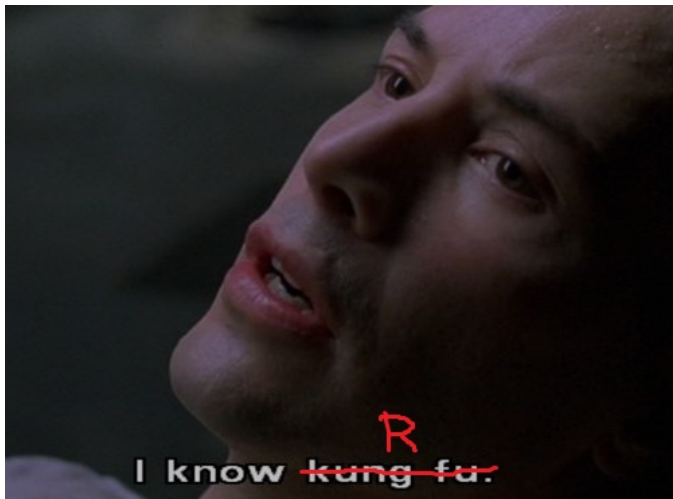
Expectations - Overall Learning Experience

Ideal Learning Experience



Expectations - Overall Learning Experience

Bit Less Ideal Learning Experience



Expectations - Overall Learning Experience

Actual Learning Experience

