

# Incomplete Data Analysis

Vanda Inácio

University of Edinburgh



Semester 1, 2020/2021

# General information

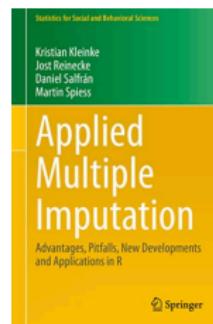
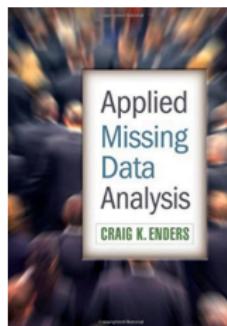
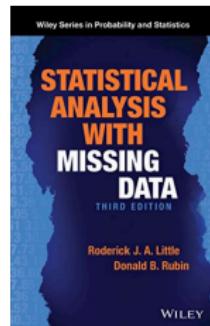
- ↪ **Lecturer:** Vanda Inácio
- ↪ **Email:** vanda.inacio@ed.ac.uk
- ↪ **Lectures** will be **asynchronous**. Pre-recorded videos will be uploaded to Learn at the beginning of the week.
- ↪ Scientific papers related to the course's content will also be uploaded to Learn and these, although not mandatory, are recommended reading.
- ↪ **Tutorials** will **synchronous** and **hybrid** (i.e., both online and on campus).

# Assessment

- ↪ This course is based on 100% coursework.
- ↪ There will be **three** assignments:
  - ↪ **Assignment 1** counts 20% towards the final mark. It will be released on week 3 and solutions are to be handed in on week 5.
  - ↪ **Assignment 2** counts 40% towards the final mark. It will be released on week 7 and solutions are to be handed in on week 9.
  - ↪ **Assignment 3** counts 40% towards the final mark. It will be released on week 10 and solutions are to be handed in on week 12.

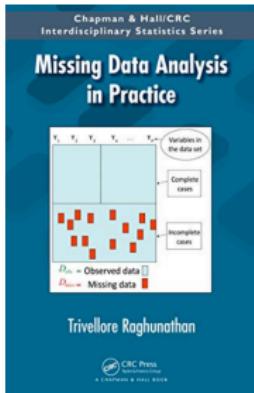
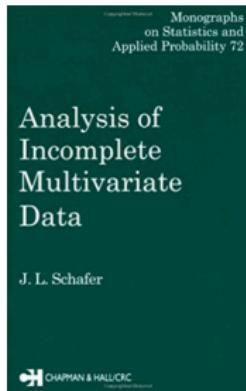
# Bibliography

Covers from amazon.uk



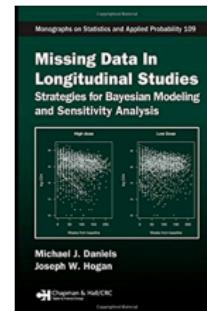
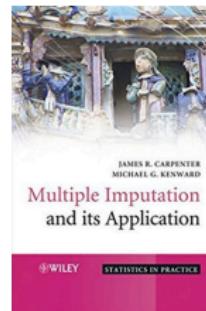
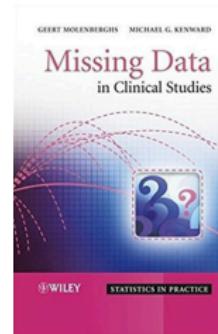
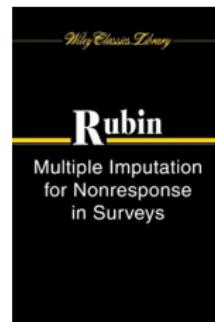
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# Bibliography

- ↪ Apart from the books shown before, several books also have chapters on missing data. I will point out some of these, when relevant, as we go along the course.
- ↪ Missing data is also a popular topic for short (2/3 days) courses around the world. For some of them the material is freely available on the web. Just **G o o g l e!!**
- ↪ Useful resources may also be found at
  - R-miss-tastic platform
  - LSHTM missing data
- ↪ There is also an excellent course taught by Professor Marie Davidian (North Carolina State University). It is far more theoretical than what we will be doing in this course, but you can access it through the following hyperlink:
  - Davidian's course

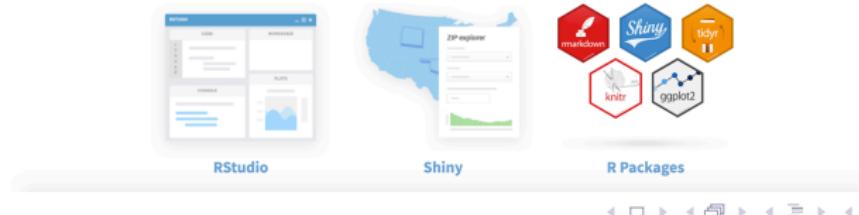
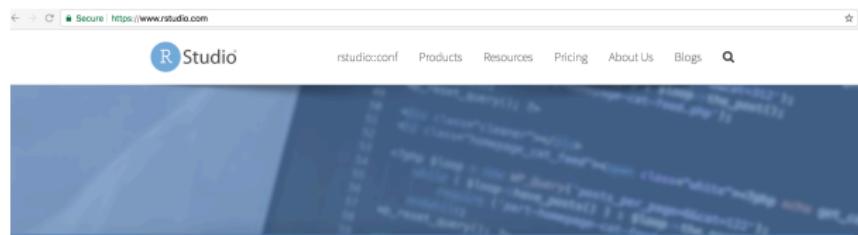
# Software

→ We will use R extensively in this course.



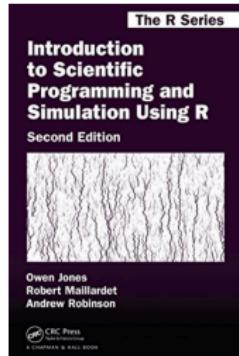
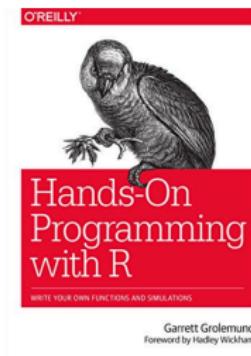
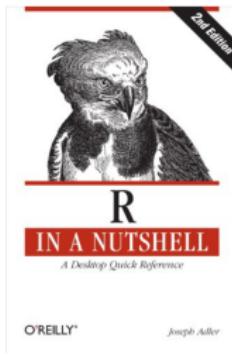
Image from [www.r-project.org](http://www.r-project.org)

→ Rstudio is a very nice and useful interface.



# Software

- ↪ If you are not familiar with R, you will need to become!
- ↪ There are plenty of materials on the web.
- ↪ Some nice books!



Covers from [www.amazon.co.uk](http://www.amazon.co.uk)