1 The course

- Why me?

- What brought you into this course? Why statistics?

- Outline

- What to expect?

  – introduction (what is statistical consultation)
  – ethics
  – scientific method
  – the statistics "crisis": reproducibility and p-value discussion
  – communication (oral and writing)
  – some technical aspects (depending on projects)
    data cleaning
    survival analysis
    modelling

  – Your Project
    * consultants(you) and clients
    * the group as collaborators
    * first meeting
    * email contact with clients (cc me)
    * checkpoint: decision on statistical method
    * checkpoint: the results are in
    * checkpoint: first draft of report
    * final report
    * presentation (no marks)

2 Introduction

- What is a statistical consultant?

- What are their responsibilities?

- What is their impact?

- Important characteristics in a consultant (good communication skills, curiosity, technical knowledge)