



# Introduction to Linear Modelling with R

## Welcome! Please

- ▶ **Login to a computer** (follow computer screen instructions if using a desktop computer),
- ▶ **Open R-Studio,**
- ▶ **Go to the site website** <http://tinyurl.com/linear-models-r>

## Further information

- ▶ **Food and drinks:** outside the E-learning suite,
- ▶ **Fire alarm:** none scheduled (leave via main entrance),
- ▶ **Toilets:** Down one level (spiral staircase near reception),
- ▶ **Lunch:** Cafe near reception, M&S in the Addenbrooke's main concourse

Dom (Couturier) / Rob (Nicholls) / Mark (Fernandes)

# Timeline

## Morning

- ▶ 09:45–09:55 **Welcome**
- ▶ 09:55–10:15 **Introduction to RStudio and Markdown** [Mark]
- ▶ 10:15–11:45 **Anova** [Dom]
  - ▶ lecture / relevant functions in R / practicals
  - 11:00 – 10mn Coffee & Tea break
- ▶ 11:45–13:15 **Simple Regression** [Rob]
  - ▶ lecture / relevant functions in R / practicals

13:15–14:00 – Lunch break

## Afternoon

- ▶ 14:00–15:15 **Multiple Regression** [Rob]
  - ▶ lecture / relevant functions in R / practicals
  - 15:15 – 10mn Coffee & Tea break
- ▶ 15:30–16:45 **Generalised Linear Models** [Dom]
  - ▶ lecture / relevant functions in R / practicals
- ▶ 16:45–17:15 **Time Series** [Rob]
  - ▶ lecture / relevant functions in R / practicals
- ▶ 17:15 **Conclusion**