

Health Economics in R

Practical Workshop and Data Dive



Imperial College
London

Welcome

Dr Felicity Lamrock



Dr Nathan Green



Thank you to Imperial College London for generous funding!

Agenda – Day 1

13:00 – 13:15	Welcome and Introductions	Felicity Lamrock
13:15 – 13:45	Why use R for Health Economics Modelling?	
13:45 – 14:35	Introduction to Cost-Effectiveness Modelling in R	
14:35 – 15:00	Modelling Uncertainty in R	
<i>Coffee Break</i>		
15:30 – 16:00	Discrete Time Cohort Markov Modelling in R	
16:00 – 17:15	On the Shoulders of Giants	
17:15 – 17:30	Close of Day 1	
<i>Dinner Riddle Hall 7:00pm</i>		

Agenda – Day 2

09:00 – 09:15	Welcome	Nathan Green
09:15 – 10:00	Projects and Team Forming	
10:00 – 10:30	Introduction to Git and Git Hub	
10:30 – 11:00	Group Work	
<i>Coffee Break</i>		
11:30 – 12:00	Group Work	
12:00 – 12:30	Shiny in R	
12:30 – 13:00	Group Work	
<i>Lunch</i>		
14:00 – 15:00	Group Work	
<i>Coffee Break</i>		
15:30 – 16:45	Group Work and Present Findings	
16:45 – 17:00	Close of Day 2	

Aim for the course

- Learn how to do some health economic modelling in R and why we should use it instead of Microsoft Excel
- Look at some existing packages, how to handle sensitivity analysis, improve visualisation of data
- Set-up new networks to promote the exchange of ideas
 - To propose future collaboration and projects
 - To feed into future hackathons/workshops/data dives



What would you
like?

Summary

This is an informal workshop/data dive

We would like to hear what you think

what works

what doesn't

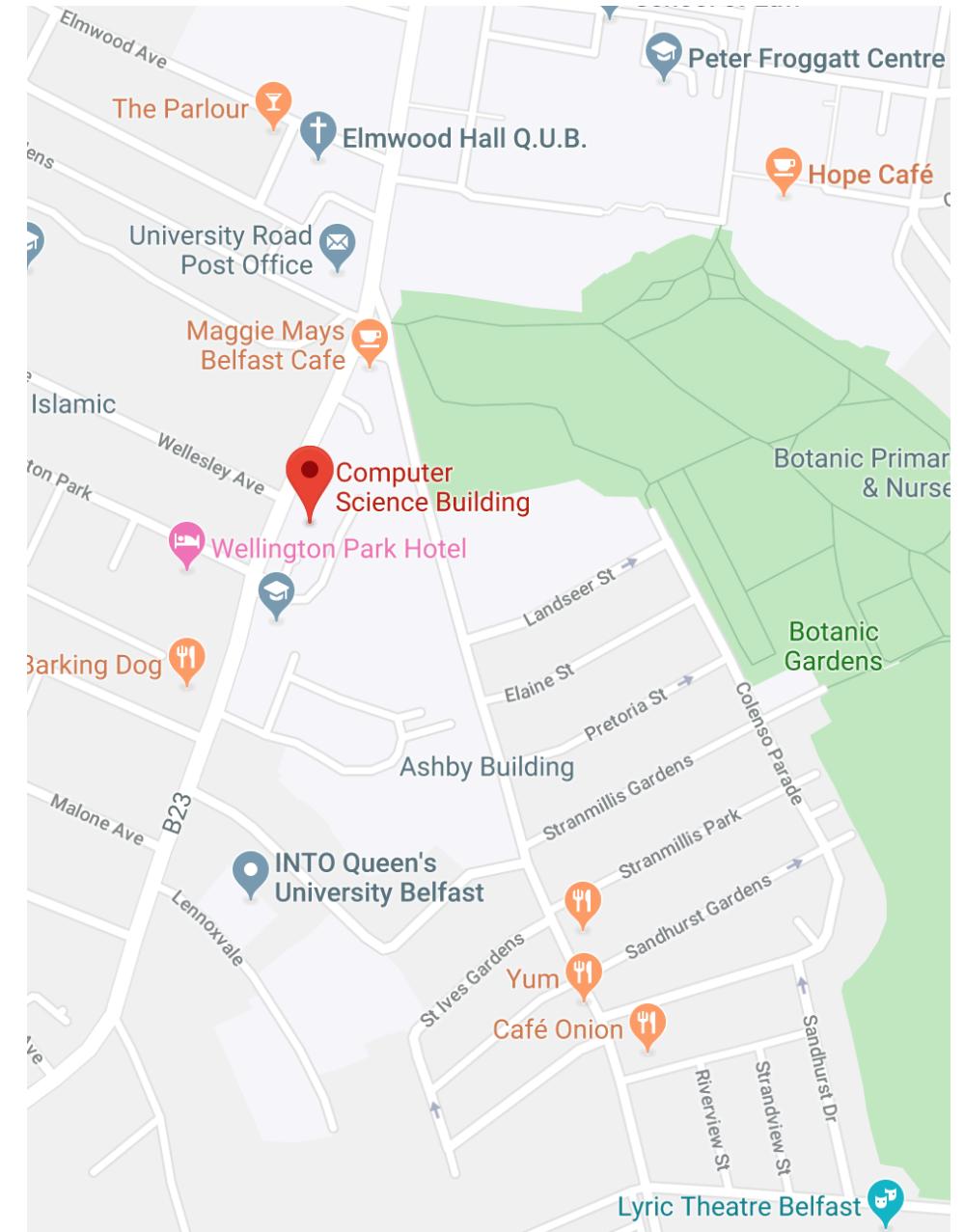
Enjoy!

Day 2

Tomorrow – 9am start! Coffee from 8:30-9am...

Computer Science Building – 02/017

Multicolored building – up the stairs to Level 2 and turn left

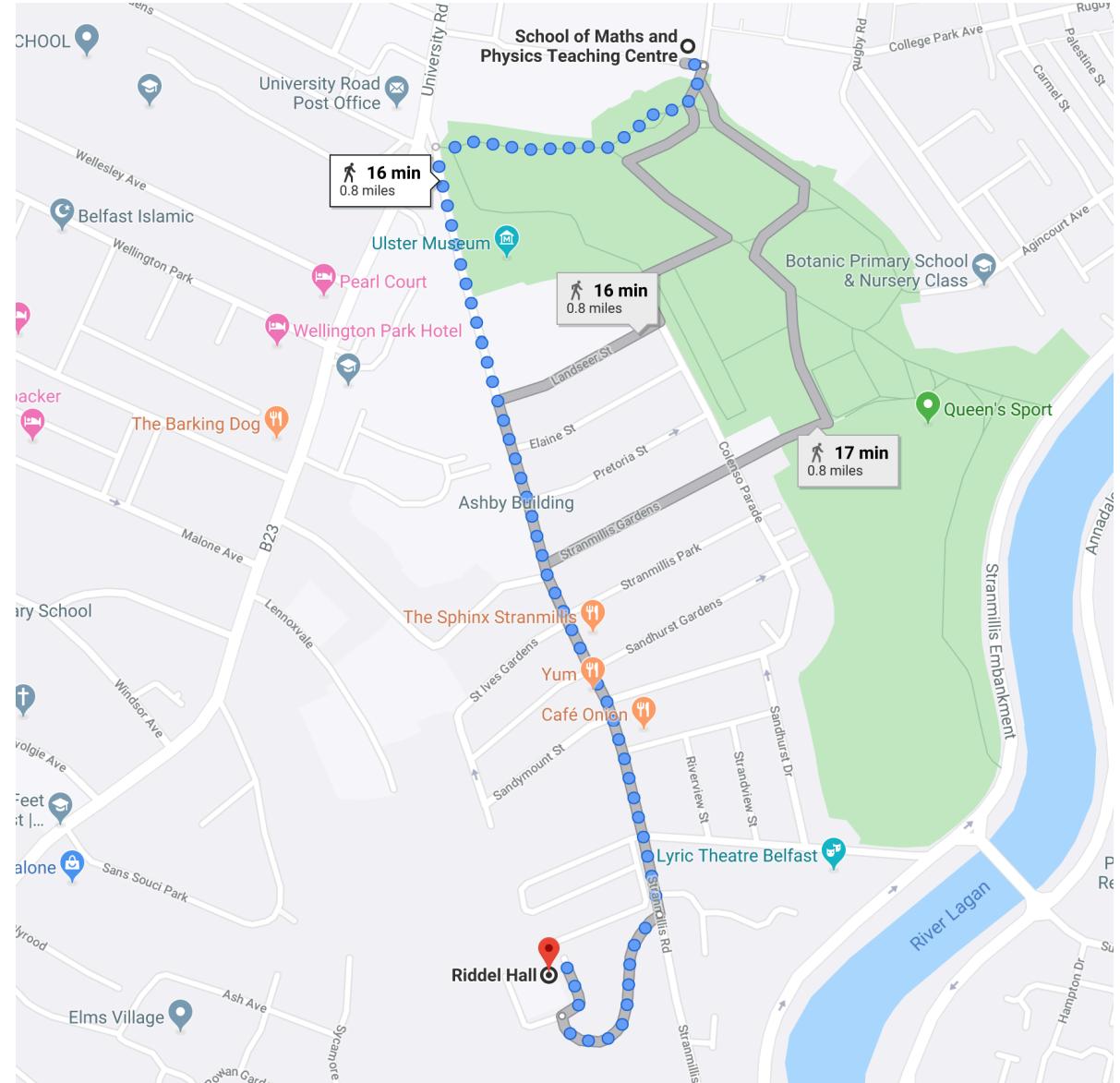




Computer Science Building

Dinner tonight!

- Riddel Hall (QUB)
- 7:00pm drinks reception
- 7:30pm dinner





RIDDEL HALL