



University
of Glasgow

College of Medical,
Veterinary & Life Sciences

School of Biodiversity, One Health, and Veterinary Medicine

Key Research Skills II

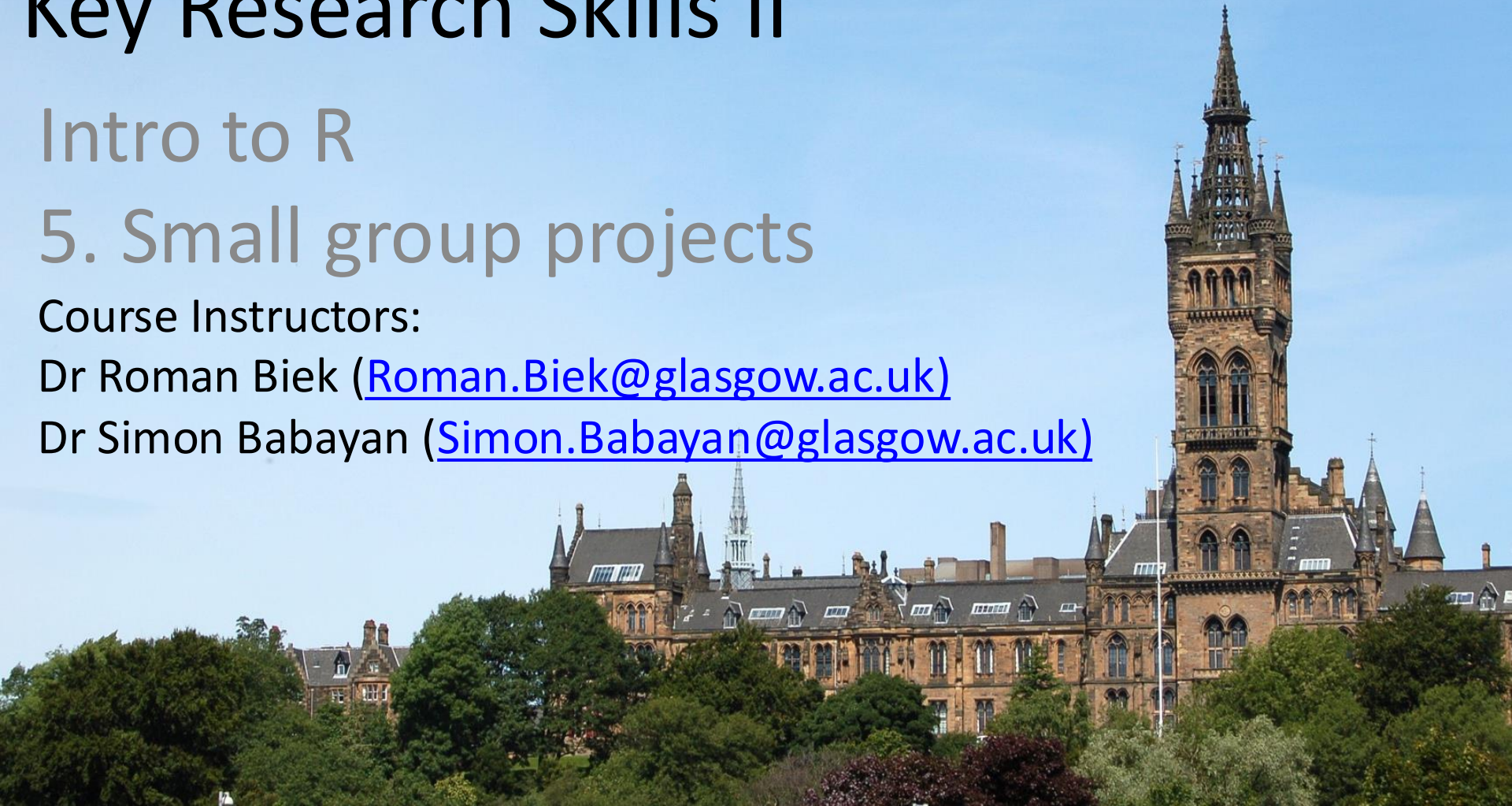
Intro to R

5. Small group projects

Course Instructors:

Dr Roman Biek (Roman.Biek@glasgow.ac.uk)

Dr Simon Babayan (Simon.Babayan@glasgow.ac.uk)



Incorporating feedback

- Make sure to consider the feedback provided:
 - General & Individual feedback on Day 3 scripts
 - Example script previously provided on Moodle and in class
- If suggestions on how to improve are unclear, get in touch

Today's class

- Working in small groups (per masters programme) to analyse a new data set
- No precise instructions – you need to explore the data provided, decide on the research question, manipulate data, create graphs, set up statistical analyses
- Idea is to work collaboratively: discuss your ideas, possibly work on a 'master' script together
- None of this work will be assessed

Purpose of today's exercise

- Gain confidence in applying your R skills more independently
- Practice making sensible choices regarding your data analysis
- Practice working on data analysis as a team

General work plan

- 1) Explore the data including graphs
- 2) Decide on a research question to address with these data that would involve a **GLM with multiple predictor variables**
- 3) Conduct the statistical analysis and identify key results
- 4) Briefly share your work with the rest of the class [designate a group rapporteur]