

A beginner's guide to solving biological problems in R

Day 1 Morning

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Course materials:

<http://logic.sysbiol.cam.ac.uk/teaching/Rcourse/>
Slides by Ian Roberts and Robert Stojnić

Day 1 Schedule

- The R environment and basics
 - Where to get R
 - Brief introduction to essential R
 - R help, scripting and packages

Morning coffee

- Objects and data types
 - Learn how to input and manipulate data

Lunch

- Introduction to essential R commands
 - Base functions
 - Read and write data

Afternoon coffee

- R for data analysis
 - Statistical tests and maths support

What's R?

- A statistical programming environment
 - based on S
 - Suited to high level data analysis
- Open source & cross platform
- Extensive graphics capabilities
- Diverse range of add-on packages
- Active community of developers
- Thorough documentation