

Data Visualisation with R and ggplot2

With a focus on next generation sequencing applications

Date: 10 am - 2 pm GMT, Tuesday 12th May 2026

Location: Computer Room 2, Polwarth Building, University of Aberdeen, Foresterhill Campus.

Format: Instructor led computer-based tutorial with support demonstrators.

Instructor: CGEBM Bioinformaticians (Dr Antonio Ribeiro, Dr Louie van de Lagemaat, Dr Tilly Scott)

Description: With advancements in analysis of large-scale next generation sequencing datasets, Excel and similar softwares lack the versatility to represent results of many types of analysis. This workshop introduces use of RStudio, R and ggplot2 to generate high-quality plots of analysis results from various next generation sequencing applications. The workshop is done in the Windows environment.

Topics:

- Introduction to R and R studio
- Getting your data into R
- Introduction to ggplot2
- Plots related to next generation sequencing applications within ggplot2

Who should attend: This workshop is aimed at researchers, staff and PhD students, interested in generating high quality plots using RStudio, R and ggplot2.

Pre-requisites: None.

Whilst the instruction is provided in a Windows environment only, an account on the teaching HPC, Macleod, will be provided for all participants. Accounts on the research HPC, Maxwell, are available by emailing digitalresearch@abdn.ac.uk. For more details see our [High Performance Computing page](#). Macleod and Maxwell have the same file structure, operating system and scheduler, so what you learn on the course is applicable to both University of Aberdeen HPC clusters.

Closing Date for registrations: 05/05/2026 or when capacity is reached

Closing Date for cancellations: Cancellations received by 05/05/2026 will receive a full refund minus a £40 admin fee. Full course fees will be charged for cancellations after this date.

Cost: For University of Aberdeen staff and PhD students the workshop is £100, paid by internal order – see instructions/details on the registration form. Separate course fees apply for external or commercial delegates, so these delegates should contact Elaina Collie-Duguid (e.collie-duguid@abdn.ac.uk) before registering.

Registrations: To register for this course, please complete the registration form [here](#), or scan the QR code



Further Information: Please contact Elaina Collie-Duguid (e.collie-duguid@abdn.ac.uk)