

R - introduction Workshop

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Worked with R since 2003 (S+ since 2002)
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Workshop page

www.cbs.dtu.dk/r-intro/

- Lecture slides
- Exercises
- Useful links

The screenshot shows a web browser window displaying the 'Introduction to R' course page on the CBS website. The browser's address bar shows the URL 'http://www.cbs.dtu.dk/r-intro/'. The page features a navigation menu with various categories such as 'EVENTS', 'NEWS', 'RESEARCH GROUPS', 'CBS PREDICTION SERVERS', 'INTERNAL', 'PUBLICATIONS', 'BIOINFORMATICS EDUCATION PROGRAM', 'STAFF', 'CONTACT', 'ABOUT CBS', 'OTHER BIOINFORMATICS LINKS', 'CBS DATA SETS', 'BIOINFORMATICS TOOLS', and 'CBS COURSES'. The main content area is titled 'Introduction to R' and includes a 'Course Programme - October 2008' section. The course is scheduled for October 6th and 7th, 2008, at the Center for Biological Sequence Analysis at the Technical University of Denmark. The page lists the course schedule for Monday, October 6, starting with an arrival and coffee session at 9:45-10:00, followed by a welcome session at 10:00-10:05. The main lecture begins at 10:05-10:45, covering a general introduction to R. The schedule continues with an intro exercise at 10:45-11:15, a lecture on the basics at 11:15-12:00, a lunch break at 12:00-13:00, a lecture on data input/output at 13:00-14:00, a lecture on plotting at 14:00-15:00, and a lecture on packages at 15:30-16:00. The day concludes with an exercise/homework session at 16:00-17:00.

Program: Introduction to R

http://www.cbs.dtu.dk/r-intro/

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R - intro Cool and serious stuff

CBS >> CBS Courses >> Introduction to R

Introduction to R

Course Programme - October 2008

The course will be held October 6th and 7th, 2008

Lectures and exercises will take place at the Center for Biological Sequence Analysis at the Technical University of Denmark, building 208, room 060

[Beginner's Guide to UNIX](#) is available on-line.

[An Introduction to R](#) is available in PDF format.

A [ssh client program](#) for MS Windows can be installed on your private computers, allowing you to remote login to the CBS computers. Macintosh and Linux have ssh built-in.

● **Monday, October 6**

Introduction to R I

9.45-10.00
Arrival and coffee

10.00-10.05
Welcome
Aron Eklund & H. Bjørn Nielsen

10.05-10.45
General intro to R ([Lecture slides](#))
Aron Eklund

10.45-11.15
Intro exercise ([Exercise](#))
H. Bjørn Nielsen

11.15-12.00
The basics ([Lecture slides](#))
H. Bjørn Nielsen

12.00-13.00
Lunch Break

13.00-14.00
Data input/output ([Lecture slides](#), [Exercise](#))
Aron Eklund

14.00-15.00
Plotting ([Lecture slides](#), [Exercise](#))
H. Bjørn Nielsen

15.30-16.00
Packages ([Lecture slides](#))
H. Bjørn Nielsen

16.00-17.00
[Exercise/Homework](#)

Outline

- General intro to R (Aron)
 - ➔ Exercise
- The basics (Bjørn)
- Data input/output (Aron)
 - ➔ Exercise
- Plotting (Bjørn)
 - ➔ Exercise
- Packages (Bjørn)
- Homework - Exercise

- The R way... not the Perl way (Aron)
- Statistics with R (Aron)
- Exercise

Monday

Tuesday