# Master list of R and RStudio "moRsels"

- Introduction
  - What are R and RStudio.[1]
  - Why use R and RStudio instead of something else?[2]
  - Starting RStudio[3]
  - The different RStudio panes[4]
  - Using the console, including help and history[5]
  - Recovering from errors
  - Starting a fresh session
  - Ending a session

- Packages
  - Packages as toolboxes
  - The hanoverbase package

- Projects
  - What is a project
  - Starting a new project
  - Opening an existing project

- R Basics
  - Basic arithmetic and scientific notation[6]
  - Assigning to variables
  - Working with vectors/sequences
  - Basic functions
  - Quick creation of data using scan and copy-paste
  - Loading built-in data sets

- R-Markdown
  - What are R-Markdown documents
  - The differences between the console and an rmarkdown document
  - Opening an existing R-Markdown document
  - Compiling (Knitting) an R-Markdown document
  - Knitting vs running a chunk vs running something in the console
  - Setting title/author/date information
  - Section and subsection headings
  - Highlighting text (italics/bold/typewriter)
  - Adding quoted text
  - Linking to external pages and images
  - Adding an R-chunk
  - Executing an R-chunk in the document
  - Setting an R-chunk to execute but not show output

---

[1] morsels/whatAreRAndRStudio.html

[2] morsels/whyRStudio.html

[3] morsels/loggingToRStudio.html

[4] morsels/RStudioSections.html

[5] morsels/WorkingWithConsole.html

[6] morsels/arithmetic.html

- – Setting figure size for an R-chunk
- Interacting with Files
  - – Your RStudio workspace vs your computer
  - – Uploading a file to your RStudio workspace
  - – Downloading a file from your RStudio workspace
  - – Importing an uploaded Excel data file
  - – Importing an uploaded comman-separated data file