

# USEFUL PRACTICES

- 1 Save the data.frame so running can be reproducible.
- 2 Put segments of code into 'chunks' and load them into scripts, to make it easy to re-use them. 'source()' and 'read\_chunk' are useful for this.
- 3 Use and re-use functions for common tasks like smoothing or summarizing fit results. RStudio makes this particularly easy.
- 4 I find it's usually easier to use base plots first, then change to ggplot for more attractive plots.
- 5 Use round(x,digits) and format (x, nsmall) to format output; use options and opts\_chunk\$set to set global options.
- 6 If you are going to save a data.frame, make sure the attributes get transferred to it if necessary. These are lost on sub-setting. See HELP with getNetCDF for a way to do this.

Hate typing <- ? In RStudio, use [Alt]-