

# Week 15 Documenting analyses with Sweave

- Introduction
- Reading
  - Useful References
- Credits
- Assignments

## Introduction

Sweave is a utility within R that allows you to generate and document statistical reports in the same file.

It's an important tool for reproducible research in bioinformatics and statistics, but is tricky to learn at first.

In this class, you'll work through simple exercises designed to give you a gentle introduction to running and documenting R code with Sweave.

## Reading

- Getting Started with LaTeX - by David R. Wilkins. <http://www.maths.tcd.ie/~dwilkins/LaTeXPrimer/>

## Useful References

- LaTeX tips: Document classes and packages - <http://www.math.uiuc.edu/~hildebr/tex/packages.html>

## Credits

Thanks are due to Jeromy Anglim's blog post which introduces Sweave and related tools for providing many of the above links. See: <http://jeromyanglim.blogspot.com/2010/02/getting-started-with-sweave-r-latex.html>

Thanks are also due to Keith Baggerly for advice on Sweave tools and documenting results.

## Assignments

See child pages below.