

# MAM5220 Statistical Techniques for Computational Biology

The second semester statistics module on the MSc in Statistics for Computational Biology

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1.

Fallahiarezoudar Ehsan, Ahmadipour Mohaddeseh. Design & Analysis of Experiments. LAP Lambert Academic Publishing; 2014.

2.

Cryer JD, Chan K sik. Time Series Analysis: With Applications in R. Vol Springer texts in statistics. 2nd ed. Springer; 2008.

3.

David J.D. Earn. A Light Introduction to Modelling Recurrent Epidemics.  
<http://mysite.science.uottawa.ca/rsmith43/MAT4996/earn.pdf>

4.

Chatfield C. The Analysis of Time Series: An Introduction. Vol Texts in statistical science. 6th ed. Chapman & Hall/CRC; 2004.

5.

Krzanowski WJ. Principles of Multivariate Analysis: A User's Perspective. Vol Oxford statistical science series. Rev. ed. Oxford University Press; 2000.  
<http://catdir.loc.gov/catdir/enhancements/fy0611/2001266591-t.html>

6.

Jolliffe IT, ebrary, Inc. Principal Component Analysis. Vol Springer series in statistics. 2nd ed. Springer; 2002. <http://site.ebrary.com/lib/aber/Doc?id=10047693>

7.

Mardia KV, Kent JT, Bibby JM. Multivariate Analysis. Vol Probability and mathematical statistics. Academic Press; 1979.

8.

Dobson AJ, Dobson AJ. An Introduction to Generalized Linear Models. 2nd ed. Chapman and Hall; 1990.