

MODULAR GRADUATE DIPLOMA
MODULE 5 – TOPICS IN APPLIED STATISTICS

INTRODUCTORY NOTE 1: "Print to Order" or "Print on Demand"

Some more advanced books which have relatively small sales are now placed on a system called "Print to Order" (or "Print on Demand"). These books can still be ordered through bookshops. Hodder Arnold and OUP (Oxford University Press) use this system, and probably other publishers also. Any title in a current catalogue should be readily available even if not technically "in print". Please note also that all books included in the following list have had wide circulation in the past and should be available in libraries

INTRODUCTORY NOTE 2: "Kendall and Stuart" books for general reference at Graduate Diploma level

The series of books originally called *The Advanced Theory of Statistics*, Volumes I, II and III, by Kendall M G, Stuart A and (in recent editions) Ord J K, published by Griffin, is now the major part of what is known as *Kendall's Library of Statistics*. This consists of three volumes of core material plus a series of more specialised monographs.

The books are currently published by John Wiley. The core material is called *Kendall's Advanced Theory of Statistics 3-volume set*, and consists of

Volume 1, Distribution Theory, 6th Ed, Stuart A and Ord K, 1994

Volume 2A, Classical Inference and the Linear Model, 6th Ed, Stuart A, Ord K and Arnold S, 2008

Volume 2B, Bayesian Inference, 2nd Ed, O'Hagan A and Forster J, 2004.

The volumes are available individually.

Some of the books published by Wiley are reprints in the Wiley Classics Series of well-established older books. In addition, there may be cases where earlier editions of books published by Wiley are available at less cost in the Wiley Classics Series.

The book list is set out on the next page.

The books are listed in alphabetical order by name of first author. Some are general texts that cover much or all of the syllabus for the module; others are focused on particular areas.

Altman D G	1990	Practical Statistics for Medical Research	Chapman & Hall/ CRC Press
Armitage P, Matthews J N S and Berry G	2001 4th Ed	Statistical Methods in Medical Research	Wiley Blackwell
Barnett V	2002 3rd Ed	Sample Survey Principles and Methods	Hodder Arnold
Chatfield C and Collins A J	1981	Introduction to Multivariate Analysis	Chapman & Hall/ CRC Press
Cochran W G	1977 3rd Ed	Sampling Techniques	Wiley
Collett D	2003 2nd Ed	Modelling Survival Data in Medical Research	Chapman & Hall/ CRC Press
Cox D R and Oakes D	1984	Analysis of Survival Data	Chapman & Hall/ CRC Press
Crowder M J, Kimber A C, Smith R L and Sweeting T J	1994	Statistical Analysis of Reliability Data	Chapman & Hall/ CRC Press
Everitt B S and Dunn G	2001 2nd Ed	Applied Multivariate Data Analysis	Hodder Arnold
Manly B F J	2004 3rd Ed	Multivariate Statistical Methods: A Primer	Chapman & Hall/ CRC Press
Morrison D F	2003 4th Ed	Multivariate Statistical Methods	Brooks Cole
Parmar M K B and Machin D	1995	Survival Analysis: A Practical Approach	Wiley
Pollard A H, Yusuf F and Pollard G M	1990 3rd Ed	Demographic Techniques	Saunders College Publishing / Harcourt Brace
Woodward M	2004 2nd Ed	Epidemiology: Study Design and Data Analysis	Chapman & Hall/ CRC Press