



## How is no longer a problem — but there's still which and why

The microcomputer revolution has made powerful machines and highly complex programs generally available. This means that users of statistical techniques need no longer be concerned with the arithmetical and algebraic details — the software will take care of all that. What is vital, however, is to understand the ideas and the basic principles of statistical analysis. In *Medical Statistics on Microcomputers* R A Brown and J Swanson Beck show how to get the best use out of microcomputers when analysing data, particularly in the pathology laboratory. They explain the rational basis of various widely applicable statistical methods and also indicate their limitations so that you can make an informed choice. Chapters include:

- Data handling
- Analysis of data from one or two groups
- Comparison of several groups
- Analysis of categorical data
- Statistical methods for diagnostic tests.

UK £8.95; Abroad £10.50; US\$25.00  
 BMA members: £8.45 or £10.00  
 ACP members: US\$21.00

## Let the *BMJ* guide you through statistics:

**STATISTICS WITH CONFIDENCE** — Confidence intervals and statistical guidelines. Martin J Gardner, Douglas G Altman.

Many medical journals, including the *British Medical Journal*, now expect scientific papers submitted to them to contain confidence intervals when appropriate. Why? what are they? and how do you calculate them? *Statistics With Confidence* tells you. A clear explanation of the reasons for using confidence intervals is followed by detailed presentation of methods of calculation, including numerous worked examples and specially compiled tables. To make things even easier, a computer programme, Confidence Interval Analysis (CIA), for calculating confidence intervals, has been specially designed by Martin Gardner and details are available from the Publishing Department, *British Medical Journal* (or the American College of Physicians).

UK £7.95; Abroad £9.50; US\$24.00 BMA members £7.45 or £9.00 ACP members US\$19.00

**STATISTICS AT SQUARE ONE** — T D V Swinscow

The statistical testing of data is indispensable in many types of medical investigation and a help on countless occasions in clinical practice. This book provides step by step instruction. Subjects covered include standard deviation,  $X^2$  tests, t tests, non-parametric tests, and correlation. The book includes sections on Fisher's exact probability test and rank correlation. Methods specially adapted to pocket calculators.

UK £3.95; Abroad £5.00; US\$13.00 BMA members £3.45 or £4.50 ACP members US\$11.00

**STATISTICS IN PRACTICE** — Sheila M Gore, Douglas G Altman

No doctor can afford to ignore statistics: most modern medical research uses statistics. This important and authoritative book provides clear information on designing studies, applying statistical techniques, and interpreting studies that use statistics. It can be easily understood by those with no statistical training and should be read by all those who want to keep abreast of new developments.

UK £8.95; Abroad £11.00; US\$23.00 BMA members £7.95 or £10.00 ACP members US\$19.00

**EPIDEMIOLOGY FOR THE UNINITIATED** — Geoffrey Rose, D J P Barker

Epidemiology has its own techniques of data collection and interpretation and its necessary jargon of technical terms, and in *Epidemiology For The Uninitiated* the authors guide the novice expertly through the theory and practical pitfalls. The second edition of this popular *BMJ* handbook has been revised to include further details of epidemiological methods and some of their more dramatic applications, such as the investigations on the Spanish cooking oil epidemic, and AIDS.

UK £4.95; Abroad £6.00; US\$14.00 BMA members £4.45 or £5.50 ACP members US\$12.00

ORDER FORM

BRITISH MEDICAL JOURNAL, PO Box 295, London WC1H 9TE, any leading bookseller, or the *BMJ* bookshop.  
 North America only: AMERICAN COLLEGE OF PHYSICIANS, P.O. Box 7777-R-0270, Philadelphia, PA 19175. In Pennsylvania, add 6% sales tax. Residents of Canada add 7% GST.

Please send me \_\_\_\_\_ copy/ies of the following *BMJ* books \_\_\_\_\_  
 \_\_\_\_\_ Membership no. \_\_\_\_\_

I enclose a cheque for \_\_\_\_\_ made payable to **British Medical Journal** (North America: American College of Physicians)

Debit my  Visa  American Express  Mastercard \_\_\_\_\_  
 \_\_\_\_\_ Card No.

Expiry Date \_\_\_\_\_ Signature \_\_\_\_\_

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 \_\_\_\_\_ POSTCODE \_\_\_\_\_

**All prices include postage, by air abroad.**