References and selected bibliography

- Anderson, N.M. (1961) 'Scales and statistics: parametric and non-parametric', *Psychological Bulletin*, **58**, 305-316.
- Ayer, A.J. (1964) *The foundations of empirical knowledge*. Macmillan: London.
- Baker, A.R.H. (1973) 'Adjustments to distance between farmstead and fields: some findings from the southwestern Paris Basin in the nineteenth century', *Canadian Geographer*, 17, 259-275.
- Barber, G.M. (1988) Elementary statistics for geographers. Guildford Press: New York.
- Barnett, V. (1974) *Elements of sampling theory*. Hodder & Stoughton: London.
- Barnett, V. (1991) Sample survey: principles and methods. Edward Arnold: London.
- Berdie, D.R., Anderson, J.F. and Niebuhr, M.A. (1986) Questionnaires: design and use. Methuen: London.
- Berry, B.J.L. and Marble, F.F. (eds) (1968) Spatial analysis: a reader in statistical geography. Prentice Hall: Englewood Cliffs, NJ.
- Best, R.H. (1981) Land use and living space. Methuen: London.
- Best, R.H. and Coppock, J.T. (1962) The changing use of land in Britain. Faber & Faber: London.
- Billinge, M., Gregory, D. and Martin, R. (1984) Recollections of a revolution: geography and spatial science. Macmillan: London.
- Blalock, H.M. (1960) Social statistics. McGraw-Hill: New York.
- Bracken, I. and Spooner, R. (1985) 'Interactive digitizing for computer assisted cartography', *Area*, 17, 205-212.
- Britten, D.K. and Ingersent, K. (1964) 'Trends in concentration in British agriculture', *Journal of Agricultural Economics*, **16**, 26-52.
- Burrough, P. (1986) Principles of geographical information systems. Oxford University Press: Oxford.
- Cable, D. and Rowe, B. (1987) Software for statistical and survey analysis. Study Group on Computers in Survey Analysis.
- Campbell, J. (1991) *Map use and analysis*. Wm. C. Brown: Oxford.
- Caws, P. (1965) *The philosophy of science*. Princeton University Press: Princeton, NJ.

- Charlton, M., Openshaw, S. and Wymer, C. (1985) 'Some new classifications of census enumeration districts in Britain: a poor man's ACORN', *Journal of Economic and Social Measurement*, 13, 69-96.
- Chorley, R.J. and Haggett, P. (1967) 'Models, paradigms and the new geography', in Chorley, R.J. and Haggett, P. (eds) *Models in geography*. Methuen: London.
- Clark, W.A.V. and Avery, K.L. (1976) 'The effects of data aggregation in statistical analysis', *Geographical Analysis*, **8**, 428-438.
- Cohen, L. and Holliday, M. (1982) Statistics for social sciences. Harper and Row: London.
- Colchester Borough Council (1985) Village facilities survey. Department of Planning, Colchester Borough Council.
- Colchester Borough Council (1992) Village facilities survey 1990. Department of Planning and Development Services, Colchester Borough Council.
- Cole, J.P. and King, C.A.M. (1968) Quantitative geography. Wiley: Chichester.
- Coleman, A. (1961) 'The second land use survey: progress and prospect', *Geographical Journal*, **127** (2), 168-186.
- Coleman, A. (1978) 'Agricultural land losses: the evidence from maps', in Rogers, A.W. (ed.) *Urban growth, farmland losses and planning*, Wye College for Institute of British Geographers.
- Coleman, A. and Maggs, K.R. (1964) Land use survey handbook (4th edn), Isle of Thanet Geographical Association: Thanet.
- Coppock, J.T. (1965) Agricultural atlas of England and Wales. Faber & Faber: London.
- Dale, A., Arber, S. and Procter, M. (1988) Doing secondary analysis. Allen & Unwin: London.
- Davis, J.C. (1973) Statistics and data analysis in geology. Wiley: New York.
- Dawson, J.A. and Unwin, D.J. (1984) 'The integration of microcomputers into British geography', *Area*, 16, 323-329.
- Department of the Environment (1987) River quality in England and Wales 1985: a report of the 1985 survey.

 Department of the Environment and Welsh Office: London and Cardiff.

- Department of the Environment (1990) Environmental Pollution Act, 1990. HMSO: London.
- Department of the Environment (1992) Royal Commission of Environmental Pollution, Sixteenth Report: Freshwater Quality. Cm. 1966. HMSO: London.
- Dixon, C. and Leach, B. (1978) Questionnaires and interviews in geographical research. Concepts and techniques in modern geography, No. 18. Geo Abstracts: Norwich.
- Ebdon, D. (1985) *Statistics in geography*. Basil Blackwell: Oxford.
- Evans, I.S. (1977) 'The selection of class intervals', Transactions of the Institute of British Geographers (new series), 2, 98-124.
- Everitt, B. (1974) Cluster analysis. Halsted Press: New York.
- Fielding, A.J. (1982) 'Counterurbanisation in Western Europe', *Progress in Planning*, 17, 3-52.
- Forstner, U. and Wittmann, G.T.W. (1983) *Metal pollution* in the aquatic environment (2nd edn). Springer-Verlag: Heidelberg.
- Freeman, T.W. (1961) The geographer's craft. Hutchinson: London.
- Gardiner, V. and Gardiner, G. (1978) Analysis of frequency distributions. Concepts and techniques in modern geography, No. 19, Geo Abstracts: Norwich.
- Gerrard, A.J. (1988) Rocks and landforms. Unwin Hyman: London.
- Gould, P. (1970) 'Is *statistix inferens* the geographical name for a wild goose?', *Economic Geography*, **46**, 439-448.
- Gregory, D. (1963) Statistical methods and the geographer. Longman: London.
- Gregory, D. (1978) *Ideology, science and human geog*raphy. Hutchinson: London.
- Haggett, P. (1965) Locational analysis. London.
- Hakim, C. (1982) Secondary analysis in social research: a guide to data sources with examples. Allen & Unwin: London.
- Hammond, P. and McCullagh, P.S. (1978) Quantitative techniques in geography. Clarendon Press: Oxford.
- Harvey, D.W. (1966) 'Geographical processes and the analysis of point patterns', *Transactions of the Institute of British Geographers*, **40**, 81-95.
- Harvey, D.W. (1969) Explanation in geography. Edward Arnold: London.
- Harvey, D.W. (1973) Social justice and the city. Edward Arnold: London.
- Hodge, I. and Monk, S. (1991) In search of a rural economy: patterns and differentiation in non-metropolitan England. Local Economy Monograph No. 20, Department of Land Economy, University of Cambridge.
- Horton, R.E. (1945) 'Erosional development of streams and their drainage basins: hydrophysical approach to quantitative morphology', *Bulletin, Geological Society of America*, **56**, 275-370.

- Huff, D. (1973) How to lie with statistics. Penguin: Harmondsworth.
- Ilbery, B. (1981) 'Dorset agriculture: a classification of regional types', *Transactions of the Institute of British Geographers* (new series), **6**(2), 214-227.
- Johnston, R.J. (1979) Geography and geographers: Anglo-American geography since 1945. Edward Arnold: London.
- Kendall, M. and Stuart, A. (1948) *The advanced theory of statistics*, Vol. I (4th edn). Charles Griffin: London.
- Kuhn, T.S. (1962) The structure of scientific revolutions. Chicago University Press: Chicago.
- Landis, J.D. (1985) 'Electronic spreadsheets in planning' Journal of the American Planning Association, 51, 216-224.
- MacDougal, E.B. (1976) Computer programming for spatial problems. Edward Arnold: London.
- McFadden, F.R. and Hoffer, J.A. (1988) Data Base Management. (2nd edn). Benjamin/Cummings: California.
- Maguire, D.J. (1985) 'Microcomputer graphics' Bulletin of the Society of University Cartographers, 19, 94-96.
- Maguire, D.J. (1986) 'Computer-drawn statistical graphics' Bulletin of the Society of University Cartographers, 20, 36-38.
- Maguire, D.J. (1989) Computers in geography. Harlow: Longman; and Wiley: New York.
- Mather, A.S. (1986) Land use. Longman: London.
- Mather, P.M. (1976) Computers in geography: a practical approach. Blackwell: Oxford.
- Mather, P.M. (1991) Computer applications in geography. Wiley: Chichester.
- Ministry of Agriculture, Fisheries and Food (annual) Farm classification in England and Wales. MAFF: London.
- Minitab Inc. (1989) MINITAB reference manual. Minitab Inc., Philadelphia, USA.
- Moore, W.G. (1968) A dictionary of geography. Harmondsworth: Penguin.
- Moser, C.A. and Scott, W. (1961) *British towns*. Oliver and Boyd: London.
- Nagel, E. (1961) The structure of science. New York.
- Neft, D. (1966) Statistical analysis for areal distributions, Regional Science Institute Monograph 2, Philadelphia.
- Norcliffe, G.B. (1977) Inferential statistics for geographers. Hutchinson: London.
- O'Brien, L.G. (1986) 'Statistical software for microcomputers', Area, 18, 39-42.
- O'Brien, L.G. and Wrigley, N. (1980) 'Computer programms for the analysis of categorical data', *Area*, 12, 263-268.
- Openshaw, S. (1983) 'Multivariate analysis of census data: the classification of areas' in Rhind, D. (ed.) A census user's handbook. Methuen: London
- Openshaw, S. (1984) The modifiable areal unit problem.

 Geo Books: Norwich.
- Openshaw, S. and Taylor, P.J. (1981) 'The modifiable areal unit problem', in Wrigley, N. and Bennett, R.J.

- (eds) *Quantitative geography: a British view.* Routledge & Kegan Paul: London, 60-69.
- Openshaw, S., Carver, S. and Fernie, J. (1989) *Britain's nuclear waste: safety and siting*. Bellhaven: London.
- Pahl, R.E. (1965) 'Urbs in Rure', Geographical Papers,
 No. 2. London School of Economics and Political Science.
- Poole, M.A. and Boale, F. (1973) 'Segregation in Belfast', in Clarke, B.M. and Cleave, M.B. (eds) *Social patterns in cities*. Institute of British Geographers, Special Publication, London.
- Poole, M.A. and O'Farrell, O.N. (1971) 'The assumptions of the linear regression model', *Transactions of the Institute of British Geographers* (old series), 52, 145-158.
- Popper, K. (1965) *The logic of scientific discovery*. Harper Torchbooks: New York.
- Potts, A.S. (1970) 'Frost action in rocks: some experimental data', *Transactions of the Institute of British Geographers* (old series), **49**, 109-124.
- Reichmann, W.J. (1964) Use and abuse of statistics. Penguin: Harmondsworth.
- Rhind, D. (1977) 'Computer aided cartography', Transactions of the Institute of British Geographers (New Series), 2, 71-97.
- Ripley, B.D. (1981) Spatial statistics. Wiley: Chichester.
- Robinson, A.H. (1956) 'The necessity of weighting values in correlation analyses of areal data', Annals of the Association of American Geographers, 46, 233-236.
- Seymour, D.R. (1965) 'IBM 7600 program for locating bivariate means and bivariate medians', Technical Report No. 16, Department of Geography, Northwestern University.
- Shaw, G. and Wheeler, D. (1985) Statistical techniques in geographical analysis. David Fulton: London.
- Shepherd, I.D.H. (1985) 'Teaching geography with the computer: possibilities and problems', *Journal of Geography in Higher Education*, 9, 3-23.
- Siegel, S. (1956) Nonparametric statistics for the behavioural sciences. McGraw-Hill: New York.
- Silk, J. (1979) Statistical concepts in geography. Allen & Unwin: London.
- Smith, D.M. (1975) Patterns in human geography. Penguin: Harmondsworth.
- Som, R.K. (1973) A manual of sampling techniques. Heinemann: London.

- SPSS Inc. (1983) SPSS-X user's guide. McGraw-Hill: New York.
- Stamp, L.D. (1948) *The land of Britain: its use and misuse* (3rd edn, 1962). Longman: London.
- Star, J. and Estes, J. (1991) Geographic information systems: an introduction. Prentice Hall: Englewood Cliffs, NJ.
- Stevens, S.S. (1946) 'On the theory of scales of measurement', *Science*, **103**, 677-680.
- Strahler, A.N. (1952) 'Dynamic basis of geomorphology', Bulletin, Geological Society of America, 63, 923-938.
- Tannenbaum, E. (1980) 'Secondary analysis, data banks and geography, *Area*, 12, 33-35.
- Tennant-Smith, J. (1985) Basic statistics. Butterworth: Sevenoaks.
- Theakstone, W.H. and Harrison, C. (1974) The analysis of geographical data. Heinemann: London.
- Unwin, D.J. (1974) 'Hardware provision for quantitative geography in the United Kingdom', Area, 4, 200-204.
- Unwin, D.J. (1981) *Introductory spatial analysis*. Methuen: London.
- Unwin D.J. and Dawson, J.A. (1984) Computer programming for geographers. Longman: Harlow.
- Walford, N.S. and Hockey, A.E. (1991) Social and economic restructuring in rural Britain: a methodology for contextual analysis, ESRC Countryside Change Initiative, Working Paper No. 18.
- Water Authorities Association (annual) Water pollution from farm wastes (year): England and Wales. Water Authorities Association: London.
- Waugh, T.C. and McCalden, J.B. (1983) Gimms Reference Manual: Release 4.5 Gimms Ltd.: Edinburgh.
- Williams, R.B.G. (1984) Introduction to statistics for geographers and earth scientists. Macmillan: London.
- Williams, R.B.G. (1985) Intermediate statistics for geographers and earth scientists. Macmillan: London.
- Wood, W.F. (1955) 'Use of stratified random samples in land use study', Annals of the Association of American Geographers, 48, 350-367.
- Wrigley, N. (1985) Categorical data analysis for geographers and environmental scientists. Harlow: Longman.
- Wrigley, N. and Bennett, R.J. (1981) Quantitative geography: a British view. Routledge & Kegan Paul: London.