

References

- Almy, T. (1993). XLISP-PLUS: Another Object-oriented Lisp. (Unpublished manual).
- Asimov, D. (1985). The Grand Tour: A Tool for Viewing Multidimensional Data, *SIAM J. Scientific and Statistical Computing*, 6, 128-143.
- Baxter, R. & Cameron, M. (1991) Comment on Lisp-Stat. *Statistical Science*, **6**, 339-343.
- BBN Software (1989) *RS/Explore MULREG Reference Manual*. BBN Software Products Corp., Cambridge, Mass.
- Becker, R.A., Chambers, J.M. & Wilks, A.R. (1988) *The New S Language*. Wadsworth & Brooks/Cole.
- Benzecri, J.P. (1973) *L'Analyse des Donnees: T.2, l'Analyse des Correspondances*, Dunod, Paris.
- Buja, A. and Asimov, D. (1986). Grand Tour Methods: An Outline, *Computer Science and Statistics: Proceedings of the 17th Symposium on the Interface*, Elsevier, Amsterdam.
- Chambers, J.M. (1981) Some thoughts on expert software. *Computing Science & Statistics*, **13**, 36-40.

- Chang, Shi-Kuo (1990) *Principles of Visual Programming systems*. Prentice-Hall, Englewood Cliffs, NJ.
- Cook, R.D. & Weisberg, S. (1994) *An Introduction to Regression Graphics*. Wiley, New York.
- Daniel, C. and Wood, F.S. (1980) *Fitting Equations to Data*. John Wiley and Sons.
- Duncan, O. D. (1961). A socioeconomic index of all occupations. In A. J. Reiss, O. D. Duncan, P. K. Hatt, & C. C. North (Eds.), *Occupations and Social Status* (pp. 109-138). New York, NY: Free Press.
- Faldowski, R.A. (1994) *Visual Components Analysis*. Ph.D. Dissertation Proposal, Univ. N. Carolina Psychometrics Lab.
- Fox, J. (1991). *Regression diagnostics: An introduction* (Sage University Paper Series on Quantitative Applications in the Social Sciences, series no. 07-079). Newbury Park, CA: Sage.
- Gabriel, K. R. (1981). Biplot Display of Multivariate Matrices for Inspection of Data and Diagnosis, in V. Barnett (ed.): *Interpreting Multivariate Data*. Wiley, London.
- Gale, W.A. (1988) *Artificial Intelligence and Statistics*. Addison Wesley, Reading, Massachusetts.
- Gale, W.A., Hand, D.J. & Kelly, A.E. (1993) Statistical Applications of Artificial Intelligence. In: C.R. Rao, *Handbook of Statistics: Computational Statistics*, Amsterdam: Elsevier North-Holland, **9**, 535-576.
- Gale, W.A. & Pregibon, D. (1982) An expert System for Regression Analysis. *Computing Science & Statistics*, **14**, 110-117.
- Gorsuch, R.L.(1983) *Factor Analysis*. Lawrence Erlbaum Associates, Hillsdale, NJ.
- Greenacre, M.J. (1984) *Theory and Applications of Correspondence Analysis*, Academic Press, London.
- Hamilton, L. C. (1992). *Regression with Graphics*. Pacific Grove, CA: Brooks/Cole.
- Hand, D.J. (1984) Statistical Expert Systems: Design, *The Statistician*, **33**, 351-369.

- Hand, D.J. (1985) Statistical Expert Systems: Necessary Attributes, *Journal of Applied Stat.*, **12**, 19-27.
- Hand, D.J. (1993) *Artificial Intelligence Frontiers in Statistics*. London: Chapman and Hall.
- Hand, D.J. (1994) Statistical Expert Systems, *Chance*, **7**, 28-31,34.
- Holland, P. W., & Welsh, R. E. (1977). Robust regression using iteratively reweighted least squares. *Communications in Statistics*, **A6**, 813-827.
- Jackson, J.E. (1991) *A User's Guide to Principal Components*. Wiley: New York
- Lubinsky, D.J. & Pregibon, D. (1988) Data Analysis as Search. *Journal of Econometrics*, **38**, 247-268.
- Lubinsky, D.J. (1991) Comment on Lisp-Stat. *Statistical Science*, **6**, 352-360.
- Martin, J. (1990) *Hyperdocuments and how to create them*. Prentice Hall, Englewood Cliffs, NJ
- McFarlane, M. & Young, F.W. (1994) Graphical Sensitivity Analysis for Multidimensional Scaling. *J. Computational and Graphical Statistics*, **3**, 23-34.
- Mosteller, F., & Tukey, J. W. (1977). *Data analysis and regression*. Reading, MA: Addison-Wesley.
- Myers, B.A. (1990) Taxonomies of Visual Programming and Program Visualization. *Journal of Visual Languages and Computing*, **1**, 97-123.
- Nelder, J.A. (1977) Intelligent Programs, the Next Stage in Statistical Computing. In Barra (Ed.) *Recent Developments in Statistics*. North-Holland, Amsterdam, 79-86.
- Norusis, Marija J. (1990) SPSS Base System User's Guide. SPSS Inc., Chicago, Illinois
- Oldford, W. & Peters, S. (1988) DINDE: Towards more Sophisticated Software Environments for Statistics. *Siam Journal of Scientific and Statistical Computing*, **9**, 191-211.
- Poswig, J., Vrankar, G. & Morara, C. (1994) VisaVis: A Higher-order Functional Visual Programming Language. *Journal of Visual Languages and Computing*, **5**, 83-111.

- Pregibon, D. & Gale, W.P. (1984) REX: An expert system for regression analysis. *Proc. COMPSTAT* **84**, 242-248.
- Rasure, J.R. & Williams, C.S. (1991) An Integrated Data Flow Visual Language and Software Development Environment. *Journal of Visual Languages and Computing*, **2**, 217-246.
- SAS Institute, Inc. (1989) The CORRESP Procedure. In: *SAS/STAT® User's Guide*, Version 6, 4th Edition, Vol. 1. pp. 615-676. Cary, NC: SAS Institute, Inc.
- SAS Institute (1990) *SAS User's Guide*. SAS Institute, Inc., Cary, NC.
- SAS Institute (1990) *JMP User's Guide*. SAS Institute, Inc., Cary, NC.
- Shu, Nan C. (1988) *Visual Programing*. Van Nostrad Reinhold. New York.
- Stuetzle, W. (1987). Plot Windows, *J. American Statistical Association*, 82, 466-475.
- Thisted, R.A. (1988) Representing Statistical Knowledge for Expert Data Analysis Systems., In Gale, W.P. (Ed.) *Artificial Intelligence and Statistics*. Addison Wesley, Reading, Massachusetts.
- Tierney, L. (1990) *Lisp-Stat: An Object-Oriented Environment for Statistical Computing & Dynamic Graphics*. Addison-Wesley, Reading, Massachusetts.
- Velleman, P.F. & Velleman, A.Y. (1988) *Data Desk Professional*. Odesta Corp., Northbrook, IL.
- Weihs, C. (1991) Comment on Lisp-Stat. *Statistical Science*, **6**, 344-348.
- Woodhead, N. (1990) *Hypertext & Hypermedia: Theory and Applications*. Addison-Wesley. New York.
- Young, F.W. (1991) Comment on Lisp-Stat. *Statistical Science*, **6**, 349-352.
- Young, F. W., and Bann, C. M. (in press). Data analysis with ViSta. In: Fox, J., & Stine, R. *Statistical computing environments for social research*. pp. 207-235. Sage. California.
- Young, F. W., de Leeuw, J., & Takane, Y. (1976). Multiple (and canonical) regression with a mix of qualitative and quantitative variables: An alternating least squares method with optimal scaling features. *Psychometrika*, **41**, 505-529.

- Young, F.W., Faldowski, R.A. & Harris, D.F. (1992) The Spreadplot: A graphical spreadsheet of Algebraically Linked Dynamic Plots. *ASA Proceedings of the Section on Statistical Graphics*, (in press)
- Young, F.W., Faldowski, R.A. & McFarlane, M.M. (1993) Multivariate Statistical Visualization. In: Rao, C.R. (Ed.) *Computational Statistics. Handbook of Statistics*, **9**. Elsevier Science Publishers, Amsterdam.
- Young, F. W., Kent, D. P. and Kuhfeld, W. F. (1988). Dynamic Graphics for Exploring Multivariate Data, in Cleveland, W. S. and McGill, M. E. (eds.): *Dynamic Graphics for Statistics*. Wadsworth, Inc., Belmont, Calif
- Young, F.W. & Lubinsky, D.J.. (1995) Guiding Data Analysts with Visual Statistical Strategies. *J. of Computational and Graphical Statistics*. **4**, 229-250.
- Young, F.W. & Rheingans, P. (1991a) Visualizing Structure in High-Dimensional Data. *IBM Journal of Research and Development*. **35**, 97-107.
- Young, F.W. & Rheingans, P. (1991b) Visualizing Multivariate Data with VISUALS/Pxpl. (Video). *IBM Journal of Research and Development*. **35**, (video supplement).
- Young, F.W. and Smith, J.B. (1991) Towards a Structured Data Analysis Environment: A Cognition-Based Design. In: Buja, A. & Tukey, P.A. (Eds.) *Computing and Graphics in Statistics*, **36**, 253-279. New York: Springer-Verlag.

