

B I B L I O G R A P H Y

- ALLMAN, WILLIAM F. "Staying alive in the 20th century." *Science* 85, October 1985, pages 31-41.
- AMERICAN COUNCIL ON EDUCATION *Minorities in Higher Education, Sixth Annual Status Report* 1987. American Council on Education Office of Minority Concerns, Washington, D.C.
- ANDERSEN, A. H., E. B. JENSEN, and G. SCHOU "Two-way analysis of variance with correlated errors." *International Statistical Review*, 1981, volume 49, pages 153-167.
- ANDREWS, D. F. and A. M. HERZBERG *Data: A Collection of Problems from Many Fields for the Student and Research Worker*. Springer-Verlag, New York, 1985.
- BAIN, L. J. *Statistical Analysis of Reliability and Life-Testing Models*. Marcel Dekker, New York, 1978.
- BAIRD, D. D. and A. J. WILCOX "Cigarette smoking associated with delayed conception." *Journal of the American Medical Association*, 1985, volume 253, pages 2979-2983.
- BARASH, P. G., J. D. KATZ, S. FIRESTONE, S. L. HUI, K. TAUNT, C. JAFFE, N. S. TALNER, and C. S. KLEINMAN "Cardiovascular performance in children during induction: An echocardiographic comparison of enflurane and halothane." *Anesthesiology*, 1979, volume 51, page 5315.
- BARNES, DEBORAH M. "New questions about AIDS test accuracy." *Science*, 1987, volume 238, pages 884-885.
- BASHAM, T. Y., M. S. KAMINSKY, K. KITAMURA, R. LEVY, and T. C. MERIGAN "Synergistic antitumor effect of interferon and anti-idiotypic monoclonal antibody in murine lymphoma." *Journal of Immunology*, 1986, volume 137, pages 3019-3024.
- BATCHELOR, J. R. and M. HACKETT "HL-A matching in treatment of burned patients with skin allografts." *Lancet*, 1970, volume 2, pages 581-583.
- BECK, ALAN M., SUSANNE R. FELSER, and LAWRENCE T. GLICKMAN "An epizootic of rabies in Maryland, 1982-84." *American Journal of Public Health*, 1987, volume 77, pages 42-44.
- BERGER, ROGER L., DENNIS D. BOOS, and FRANK M. GUESS "Tests and confidence sets for comparing two mean residual life functions." *Biometrics*, 1988, volume 44, pages 103-115.
- BERRY, D. A. "Logarithmic transformations in ANOVA." *Biometrics*, 1987, volume 43, pages 439-456.
- BERRY, DONALD A. and TIMOTHY D. BERRY "The probability of a field goal: Rating kickers." *The American Statistician*, 1985, volume 39, pages 152-155.
- BIOMEDICAL INFORMATION CORPORATION "Patient information on cholesterol and triglyceride disorders." *Compendium on Patient Information*, 1987.

- BISHOP, Y. M. M. "Examples of graphical methods." In *Statistics by Example, Volume 1*, edited by F. Mosteller, W. H. Kruskal, R. S. Pieters, G. R. Rising, and R. F. Link. Addison-Wesley, Reading, Massachusetts, 1973, pages 33–48.
- BLISS, C. I. "The calculation of the dosage–mortality curve." *Annals of Applied Biology*, 1935, volume 22, pages 134–167.
- BONNEY, GEORGE EBOW "Logistic regression for dependent binary observations." *Biometrics*, 1987, volume 43, pages 951–973.
- BOX, G. E. P. and D. R. COX "An analysis of transformations (with Discussion)." *Journal of the Royal Statistical Society, Series B*, 1964, volume 26, pages 211–246.
- BOX, GEORGE E. P., WILLIAM G. HUNTER, and J. STUART HUNTER *Statistics for Experimenters: An Introduction to Design, Data Analysis and Model Building*. Wiley, New York, 1978.
- BRAIN, C. W. and S. S. SHAPIRO "A regression test for exponentiality: Censored and complete samples." *Technometrics*, 1983, volume 25, pages 69–76.
- BRESLOW, NORMAN "Comment: Risk assessment: Science or policy." *Statistical Science*, 1988, volume 3, pages 28–33.
- BROGAN, DONNA R. and MICHAEL H. KUTNER "Comparative analyses of pretest-posttest research designs." *The American Statistician*, 1980, volume 34, pages 229–232.
- BROOK, RICHARD J. "How much does a kilogram of milk powder weigh?" In *The Fascination of Statistics*, edited by Richard J. Brook, Gregory C. Arnold, Thomas H. Hassard, and Robert M. Pringle. Marcel Dekker, New York, 1986.
- BROWN, BYRON W., JR. "The crossover experiment for clinical trials." *Biometrics*, 1980, volume 36, pages 69–79.
- BROWN, M. B. and A. B. FORSYTHE "Robust tests for the equality of variances." *Journal of the American Statistical Association*, 1974, volume 69, pages 364–367.
- BROWNLEE, K. A. *Statistical Theory and Methodology in Science and Engineering*, 2nd edition. Wiley, New York, 1965.
- BUECHNER, JAY S., DONALD K. PERRY, H. DENMAN SCOTT, BEVERLY EHRICH FREEDMAN, JOHN T. TIERNEY, and WILLIAM J. WATERS "Cigarette smoking behavior among Rhode Island physicians, 1963–83." *American Journal of Public Health*, 1986, volume 76, pages 285–286.
- BURKHART, HAROLD E., ROBERT C. PARKER, MIKE R. STRUB, and RICHARD ODERWALD "Yields of old-field loblolly pine plantations." Division of Forestry and Wildlife Resources Publication FWS-3-72, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 1972.
- CAMPBELL, J. A. and O. PELLETIER "Determination of niacin (niacinamide) in cereal products." *Journal of the Association of Official Analytical Chemists*, 1962, volume 45, pages 449–453.
- CARLBORG, F. "Cancer risk assessment for saccharin." *Food and Chemical Toxicology*, 1985, volume 23, pages 499–506.
- CARROLL, R. J., J. SACKS, and C. H. SPIEGELMAN "A quick and easy multiple-use calibration-curve procedure." *Technometrics*, 1988, volume 30, pages 137–141.
- CARTER, RANDY L. "Restricted maximum likelihood estimation of bias and reliability in the comparison of several measuring methods." *Biometrics*, 1981, volume 37, pages 733–741.
- CARTER, RANDY L. and BARRY J. N. BLIGHT "A Bayesian change-point problem with an application to the prediction and detection of ovulation in women." *Biometrics*, 1981, volume 37, pages 743–751.
- CARTWRIGHT, H. V., R. L. LINDAHL, and J. W. BAWDEN "Clinical findings on the effectiveness of stannous fluoride and acid phosphate fluoride as caries-reducing agents in children." *Journal of Dentistry for Children*, 1968, volume 35, pages 36–40.
- CEDERLUND, ANNA, PER CAMNER, and MAGNUS SVARTENGREN "Nasal mucociliary transport before and after jogging." *The Physician and Sportsmedicine*, 1987, volume 15, pages 93–95.

- CHAMBERS, JOHN M., WILLIAM S. CLEVELAND, BEAT KLEINER, and PAUL A. TUKEY *Graphical Methods for Data Analysis*. Wadsworth Advanced Books and Software, Pacific Grove, California, 1983.
- Chance* "Supreme Court ruling on death penalty." 1988, volume 1, pages 7–8.
- Chance* "Random testing for AIDS?" 1988, volume 1, page 9.
- CHENG, R. C. H. "Confidence bands for two-stage design problems." *Technometrics*, 1987, volume 29, pages 301–309.
- CHINCHILLI, VERNON M., BARRY H. SCHWAB, and PRANAB K. SEN "Inference based on ranks for the multiple-design multivariate linear model." *Journal of the American Statistical Association*, 1989, volume 84, pages 517–524.
- CLEVELAND, WILLIAM S. *The Elements of Graphing Data*. Wadsworth Advanced Books and Software, Pacific Grove, California, 1985.
- CLONINGER, C. ROBERT "Neurogenetic adaptive mechanisms in alcoholism." *Science*, 1987, volume 236, pages 410–416.
- COLE, A. F. W. and M. KATZ "Summer ozone concentrations in southern Ontario in relation to photochemical aspects and vegetation damage." *Journal of the Air Pollution Control Association*, 1966, volume 16, pages 201–206.
- CONOVER, W. J., MARK E. JOHNSON, and MYRLE M. JOHNSON "A comparative study of tests for homogeneity of variances, with applications to the outer continental shelf bidding data." *Technometrics*, 1981, volume 23, pages 351–361.
- COOPER, L. M., E. SCHUBOT, S. A. BANFORD, and C. T. TART "A further attempt to modify hypnotic susceptibility through repeated individualized experience." *International Journal of Clinical and Experimental Hypnosis*, 1967, volume 15, pages 118–124.
- COOPER, N. R. "A statistical theory of failure for brittle materials." Memorandum 232, U. K. Ministry of Defence, Procurement Executive, Royal Armament Research and Development Establishment, 1984.
- COSGROVE, RICHARD "Thirty thousand years of human colonization in Tasmania." *Science*, 1989, volume 243, pages 1706–1708.
- CRAMER, DANIEL W., MARLENE B. GOLDMAN, ISAAC SCHIFF, SERGE BELISLE, BRUCE ALBRECHT, BRUCE STADEL, MARK GIBSON, EMERY WILSON, ROBERT STILLMAN, and IRWIN THOMPSON "The relationship of tubal infertility to barrier method and oral contraceptive use." *Journal of the American Medical Association*, 1987, volume 257, pages 2446–2450.
- CROUCHLEY, R. and A. R. PICKLES "Methods for the identification of Lexian, Poisson, and Markovian variations in the secondary sex ratio." *Biometrics*, 1984, volume 40, pages 165–175.
- DANIEL, CUTHBERT and FRED S. WOOD *Fitting Equations to Data, Computer Analysis of Multifactor Data*, 2nd edition. Wiley, New York, 1980.
- DEHAVEN, KENNETH E., and DAVID M. LINTNER "Athletic injuries: Comparison by age, sport and gender." *The American Journal of Sports Medicine*, 1986, volume 14, pages 218–221.
- DEOM, CARL M., MELVIN J. OLIVER, and ROGER N. BEACHY "The 30-kilodalton gene product of tobacco mosaic virus potentiates virus movement." *Science*, 1987, volume 237, pages 389–394.
- DEVORE, JAY L. *Probability and Statistics for Engineering and the Sciences*. Brooks/Cole, Pacific Grove, California, 1982.
- DEVORE, JAY L. *Probability and Statistics for Engineering and the Sciences*, 2nd edition. Brooks/Cole, Pacific Grove, California, 1987.
- DHINDSA, DHARAM S., JAMES METCALFE, and DEAN H. HUMMELS "Responses to exercise in the pregnant Pygmy goat." *Respiration Physiology*, 1978, volume 32, pages 299–311.
- DICK, E. C., K. A. MINK, T. A. DEMKE, and S. C. INHORN "Aerosol transmission of rhinovirus infection." Abstract of a presentation to the annual meeting of the American Association for Microbiology, Washington, D.C., March 23–28, 1986.
- DIENSTFREY, STEPHEN J. "Women veterans' exposure to combat." *Proceedings of the*

- Social Statistics Section of the American Statistical Association Annual Meeting in Chicago*, August 18–21, 1986, pages 177–180.
- DIETZ, E. JACQUELIN “Teaching regression in a nonparametric statistics course.” *The American Statistician*, 1989, volume 43, pages 35–40.
- DRAPER, N. R. and H. SMITH *Applied Regression Analysis*, 2nd edition. Wiley, New York, 1981.
- DREW, GLEN D. “The effects of bathers on the fecal coliform, total coliform and total bacteria density of water.” Master’s thesis, Department of Civil Engineering, Tufts University, 1971.
- DUNCAN, ACHESON J. *Quality Control and Industrial Statistics*, 4th edition, Richard D. Irwin, Homewood, Illinois, 1974.
- DUNNETT, CHARLES W. “Drug screening: The never-ending search for new and better drugs.” In *Statistics: A Guide to the Unknown*, edited by Judith M. Tanur. Holden-Day, San Francisco, 1972, page 25.
- EFRON, B. and R. TIBSHIRANI “Bootstrap methods for standard errors, confidence intervals, and other measures of statistical accuracy.” *Statistical Science*, 1986, volume 1, pages 54–77.
- ELLENBERG, JONAS H. “Testing for a single outlier from a general linear regression.” *Biometrics*, 1976, volume 32, pages 637–645.
- EPPRIGHT, E. S., H. M. FOX, B. A. FRYER, G. H. LAMKIN, V. M. VIVIAN, and E. S. FULLER “Nutrition of infants and preschool children in the north central region of the United States of America.” *World Review of Nutrition and Dietetics*, 1972, volume 14, pages 269–332.
- FELDMANN, KENNETH A., M. DAVID MARKS, MICHAEL L. CHRISTIANSON, and RALPH S. QUATRANO “A dwarf mutant of *Arabidopsis* generated by T-DNA insertion mutagenesis.” *Science*, 1989, volume 243, pages 1351–1354.
- FIENBERG, S. E. *The Analysis of Cross-Classified Categorical Data*. MIT Press, Cambridge, Massachusetts, 1977.
- FOSTER, STEPHEN C. “The effect of acid rain on the growth of vegetable seeds.” Report for a class project in experimental design, 1986.
- FOX, J. R. and J. E. RANDALL “Relationship between forearm tremor and the biceps electromyogram.” *Journal of Applied Physiology*, 1970, volume 29, pages 103–108.
- FRANCIS, THOMAS, JR. et al. “An evaluation of the 1954 poliomyelitis vaccine trials—Summary report.” *American Journal of Public Health*, 1955, volume 45(5), pages 1–63.
- FREEDMAN, DAVID, ROBERT PISANI, and ROGER PURVES *Statistics*. W. W. Norton, New York, 1978.
- FRIEDMAN, MEYER, CARL E. THORESEN, JAMES J. GILL, LYNDA H. POWELL, DIANE ULMER, LEONTI THOMPSON, VIRGINIA A. PRICE, DAVID D. RABIN, WILLIAM S. BREALL, THEODORE DIXON, RICHARD LEVY, and EDWARD BOURG “Alteration of type A behavior and reduction in cardiac recurrences in post myocardial infarction patients.” *American Heart Journal*, 1984, volume 108, pages 237–248.
- GALLANT, A. RONALD “Testing a nonlinear regression specification: A nonregular case.” *Journal of the American Statistical Association*, 1977, volume 72, pages 523–530.
- GALLANT, A. RONALD and W. A. FULLER “Fitting segmented polynomial regression models whose join points have to be estimated.” *Journal of the American Statistical Association*, 1973, volume 68, pages 144–147.
- GAROFALO, F., R. W. WHITMORE, W. F. DOMIS, and F. VON GEMMINGEN “Creep and creep-rupture relationships in an austenitic stainless steel.” *Transactions of the Metallurgical Society of AIME*, 1961, volume 221, pages 310–319.
- GART, J. J. “Statistical analysis of the first mouse skin-painting study.” In *Toward Less Hazardous Cigarettes*, edited by G. B. Gori. Department of Health, Education and Welfare, Washington, D.C., 1976, pages 109–121.

- GART, JOHN J. and ROBERT E. TARONE "On the efficiency of age-adjusted tests in animal carcinogenicity experiments." *Biometrics*, 1987, volume 43, pages 235–244.
- GASPER, JAMES D. "Factors affecting optical density of a polymer latex." Class project in experimental design, 1988.
- GASTWIRTH, JOSEPH P. "The statistical precision of medical screening procedures: Application to polygraph and AIDS antibodies test data." *Statistical Science*, 1987, volume 2, pages 213–238.
- GEERTSEMA, J. C. and C. J. REINECKE "The application of a sequential procedure with elimination as a method for the screening for metabolic diseases." *Biometrics*, 1984, volume 40, pages 663–673.
- GLADUE, BRIAN A., RICHARD GREEN, and RONALD E. HELLMAN "Neuroendocrine response to estrogen and sexual orientation." *Science*, 1984, volume 225, pages 1496–1499.
- GOLDBERG, D. P., K. BRIDGES, P. DUNCAN-JONES, and D. GRAYSON "Dimensions of neurosis seen in primary care settings." *Psychological Medicine*, 1987, volume 17, pages 461–470.
- GORE, W. L. "Statistical techniques for research and development." *Conference Papers, First Annual Convention, American Society for Quality Control and Second Midwest Quality Control Conference*, June 5–6, 1947. John L. Swift Company, Chicago, Illinois, 1947.
- GOULD, A. LAWRENCE "A new approach to the analysis of clinical drug trials with withdrawals." *Biometrics*, 1980, volume 36, pages 721–727.
- GRANATEK, CHRISTINE H., KOHJI EZAKI, EVAN M. HERSH, MICHAEL J. KEATING, and SHELLEY RASMUSSEN "Antibody responses of remission leukemia patients receiving active specific and nonspecific immunotherapy." *Cancer*, 1981, volume 47, pages 272–279.
- GRANT, E. L. and R. S. LEAVENWORTH *Statistical Quality Control*, 4th edition. McGraw-Hill, New York, 1972.
- GRANT, JAMES P. *The State of the World's Children*. Published for the United Nations Children's Fund by Oxford University Press, New York, 1987.
- GRAYSON, D. A. "Statistical diagnosis and the influence of diagnostic error." *Biometrics*, 1987, volume 43, pages 975–984.
- GROSS, A. J. and V. A. CLARK *Survival Distributions: Reliability Applications in the Biomedical Sciences*. Wiley, New York, 1975.
- GROSS, ALAN J. and CHAN F. LAM "Paired observations from a survival distribution." *Biometrics*, 1981, volume 37, pages 505–511.
- HABERMAN, S. J. *Analysis of Qualitative Data, Volume 2: New Developments*. Academic Press, New York, 1979.
- HABERMAN, SHELBY J. "Analysis of dispersion of multinomial responses." *Journal of the American Statistical Association*, 1982, volume 77, pages 568–580.
- HAHN, M. E., S. B. HABER, and J. L. FULLER "Differential antagonistic behavior in mice selected for brain weight." *Physiology and Behavior*, 1973, volume 10, pages 759–762.
- HARTL, DANIEL L. *Human Genetics*. Harper & Row, New York, 1983.
- HASTINGS, N. A. J. and J. B. PEACOCK *Statistical Distributions*. Butterworth and Company, London, 1975.
- HATTON, W. M. and M. D. CLARKE-HUNDLEY *Cancer in Western Australia 1982, An Analysis of Age and Sex-Specific Rates*. Epidemiology Branch, Health Department of Western Australia, Perth, W. A., 1984.
- HAUGH, LARRY D., BRIAN S. FLYNN, PETER W. CALLAS, ROGER H. SECKER-WALKER, and MUN SON "Factors influencing transitions in cigarette smoking status in children: Logistic regression analysis." *Proceedings of the Social Statistics Section of the American Statistical Association Annual Meeting in Chicago*, August 18–21, 1986, pages 421–426.

- HEGLAND, D. "Robotics growth—No end in sight." *Production Engineering*, April 1983, pages 46–51.
- HIGGINS, JAMES E. and GARY G. KOCH "Variable selection and generalized chi-square analysis of categorical data applied to a large cross-sectional occupational health survey." *International Statistical Review*, 1977, volume 45, pages 51–62.
- HILL, N. J. and A. R. PADMANABHAN "Robust comparison of two regression lines and biomedical applications." *Biometrics*, 1984, volume 40, pages 985–994.
- HOAGLIN, DAVID C., FREDERICK MOSTELLER, and JOHN W. TUKEY (editors) *Understanding Robust and Exploratory Data Analysis*. Wiley, New York, 1983.
- HOCKING, R. R. *The Analysis of Linear Models*. Brooks/Cole, Pacific Grove, California, 1985.
- HOFFMAN, STEPHEN L., CHARLES N. OSTER, CHRISTOPHER V. PLOWE, GILLIAN R. WOOLLETT, JOHN C. BEIER, JEFFREY D. CHULAY, ROBERT A. WIRTZ, MICHAEL R. HOLLINGDALE, and MUTUMA MUGAMBI "Naturally acquired antibodies to sporozoites do not prevent malaria: Vaccine development implications." *Science*, 1987, volume 237, pages 639–642.
- HOHIMER, A. ROGER, JOHN M. BISSONNETTE, JAMES METCALFE, and THOMAS A. MCKEAN "Effect of exercise on uterine blood flow in the pregnant Pygmy goat." *American Journal of Physiology*, 1984, volume 246, pages H207–H212.
- HOLLANDER, MYLES and FRANK PROSCHAN *The Statistical Exorcist, Dispelling Statistics Anxiety*. Marcel Dekker, New York, 1984.
- HOLLANDER, MYLES and DOUGLAS A. WOLFE *Nonparametric Statistical Methods*. Wiley, New York, 1973.
- HSIEH, H. K. "An exact test for comparing location parameters of k exponential distributions with unequal scales based on Type II censored data." *Technometrics*, 1986, volume 28, pages 157–164.
- HUI, SIU L. and SAUL H. ROSENBERG "Multivariate slope ratio assay with repeated measurements." *Biometrics*, 1985, volume 41, pages 11–18.
- HUNDAL, P. S. "Knowledge of performance as an incentive in repetitive industrial work." *Journal of Applied Psychology*, 1969, volume 53, pages 224–226.
- INGEBRITSEN, S. E., D. R. SHERROD, and R. H. MARINER "Heat flow and hydrothermal circulation in the Cascade Range, north-central Oregon." *Science*, 1989, volume 243, pages 1458–1462.
- ISMAIL, M. M., J. I. BRUCE, S. L. RASMUSSEN, M. ATTIA, and M. SALAMA "Schistosomiasis and other helminthic infections in Kafr Soliman Village, Sharkia Governorate, Egypt." *Journal of the Egyptian Society of Parasitology*, 1988, volume 18, pages 47–61.
- JAMES, ALAN T. and ROBERT A. J. CONYERS "Estimation of a derivative by a difference quotient: Its application to hepatocyte lactate metabolism." *Biometrics*, 1985, volume 41, pages 467–476.
- JAMES, I. R. and M. W. KNUIMAN "An application of Bayes methodology to the analysis of diary records from a water use study." *Journal of the American Statistical Association*, 1987, volume 82, pages 705–711.
- JOHNSON, DALLAS E. "Some new multiple comparison procedures for the two-way AOV model with interaction." *Biometrics*, 1976, volume 32, pages 929–934.
- JOHNSON, R. A. and D. W. WICHERN *Applied Multivariate Statistical Analysis*. Prentice-Hall, Englewood Cliffs, New Jersey, 1982.
- JUNG, D. H. and A. C. PAREKH "A semi-micromethod for the determination of serum iron and iron-binding capacity without deproteinization." *American Journal of Clinical Pathology*, 1970, volume 54, pages 813–817.
- KAHNEMAN, DANIEL and AMOS TVERSKY "The psychology of preferences." *Scientific American*, January 1982, pages 160–173.
- KANKI, PHYLLIS J., SOULEYMANE M'BOUP, DOMINIQUE RICARD, FRANCIS BARIN, FRANÇOIS DENIS, CHIEKH BOYE, LASANA SANGARE, KARIN TRAVERS, MICHAEL ALBAUM, RICHARD MARLINK, JEAN-LOUP ROMET-LEMONNE, and MYRON ESSEX

- "Human T-lymphotropic virus type 4 and the human immunodeficiency virus in West Africa." *Science*, 1987, volume 236, pages 827–831.
- KARELITZ, S., V. R. FISICHELLI, J. COSTA, R. KARELITZ, and L. ROSENFELD "Relation of crying in early infancy to speech and intellectual development at age three years." *Child Development*, 1964, volume 35, pages 769–777.
- KAUFFMAN, LESTER A. *Statistical Quality Control at the St. Louis Division of American Stove Company*. War Production Board, Office of Production, Research and Development. *Quality Control Reports*, No. 3, August 1945.
- KIRK, ROGER E. *Experimental Design*, 2nd edition. Brooks/Cole, Pacific Grove, California, 1982.
- KISS, KLARA "Quantitative electron probe analysis of low atomic number samples with irregular surfaces." *Applied Spectroscopy*, February 1983, pages 19–24.
- KNUIMAN, M. W. and T. P. SPEED "Incorporating prior information into the analysis of contingency tables." *Biometrics*, 1988, volume 44, pages 1061–1071.
- KOCH, GARY G., INGRID A. AMARA, GORDON W. DAVIS, and DENNIS B. GILLINGS "A review of some statistical methods for covariance analysis of categorical data." *Biometrics*, 1982, volume 38, pages 563–595.
- KOLATA, GINA "Panel urges newborn sickle cell screening." *Science*, 1987, volume 236, pages 259–260.
- LANMAN, J. et al. "Retrolental fibroplasia and oxygen therapy." *Journal of the American Medical Association*, 1954, volume 155, pages 223–226.
- LARSEN, RICHARD J. and MORRIS L. MARX *An Introduction to Mathematical Statistics and Its Applications*, 2nd edition. Prentice-Hall, Englewood Cliffs, New Jersey, 1986.
- LEE, LARRY and R. G. KRUTCHKOFF "Mean and variance of partially-truncated distributions." *Biometrics*, 1980, volume 36, pages 531–536.
- LEHMANN, E. L. *Nonparametrics: Statistical Methods Based on Ranks*. Holden-Day, San Francisco, California, 1975.
- LEUNG, HOI M. and LAWRENCE L. KUPPER "Comparisons of confidence intervals for attributable risk." *Biometrics*, 1981, volume 37, pages 293–302.
- LEVENE, H. "Robust tests for equality of variances." In *Contributions to Probability and Statistics*, edited by I. Olkin. Stanford University Press, Palo Alto, California, 1960, pages 278–292.
- LI, J. C. R. *Statistical Inference I*, Edwards Brothers, Ann Arbor, Michigan, 1964.
- LOYND, JACK "Competition and base-running time trials." Class project in experimental design, 1985.
- MACOUL, PATRICIA "Orange juice experiment." Class project in experimental design, 1988.
- MARTY, PHILLIP J., ROBERT J. McDERMOTT, and TOM WILLIAMS "Patterns of smokeless tobacco use in a population of high school students." *American Journal of Public Health*, 1986, volume 76, pages 190–192.
- MATHER, MONICA H. and BERNARD D. ROITBERG "A sheep in wolf's clothing: Tephritid flies mimic spider predators." *Science*, 1987, volume 236, pages 308–310.
- McENTEE, W. J. and R. G. MAIR "Memory impairment in Korsakoff's psychosis: A correlation with brain noradrenergic activity." *Science*, 1978, volume 202, pages 905–907.
- McMAHAN, C. ALEX "An index of tracking." *Biometrics*, 1981, volume 37, pages 447–455.
- MEHTA, CYRUS R., NITIN R. PATEL, and ANASTASIOS A. TSIATIS "Exact significance testing to establish treatment equivalence with ordered categorical data." *Biometrics*, 1984, volume 40, pages 819–825.
- MEIER, PAUL "Terminating a trial—the ethical problem." *Clinical Pharmacology and Therapeutics*, 1979, volume 25, pages 633–640.
- MEIER, PAUL "The biggest public health experiment ever: The 1954 field trial of the Salk poliomyelitis vaccine." In *Statistics: A Guide to the Unknown*, edited by

- Judith M. Tanur et al. Wadsworth and Brooks/Cole Advanced Books & Software, Pacific Grove, California, 1989, pages 3–14.
- MENDENHALL, WILLIAM and TERRY SINCICH *Statistics for the Engineering and Computer Sciences*, 2nd edition. Dellen, San Francisco, California, 1988.
- MICKEY, M. R., O. J. DUNN, and V. CLARK “Note on the use of stepwise regression in detection outliers.” *Computers and Biomedical Research*, 1967, volume 1, pages 105–111.
- MILLAR, WAYNE J. and THOMAS STEPHENS “The prevalence of overweight and obesity in Britain, Canada, and United States.” *American Journal of Public Health*, 1987, volume 77, pages 38–41.
- MILTON, J. S. and JESSE C. ARNOLD *Probability and Statistics in the Engineering and Computing Sciences*. McGraw-Hill, New York, 1986.
- MORRISON, A. S., M. M. BLACK, C. R. LOWE, B. MACMAHON, and S. YUASA “Some international differences in histology and survival in breast cancer.” *International Journal of Cancer*, 1973, volume 11, pages 216–267.
- MOSTELLER, FREDERICK and JOHN W. TUKEY *Data Analysis and Regression*. Addison-Wesley, Reading, Massachusetts, 1977.
- MYERS, RAYMOND H. *Classical and Modern Regression with Applications*. Duxbury Press, Boston, Massachusetts, 1986.
- NAIR, VIJAYAN N. “On the behavior of some estimators from probability plots.” *Journal of the American Statistical Association*, 1984, volume 79, pages 823–831.
- NASCI, ROGER S., CEDRIC W. HARRIS, and CYRESA K. PORTER “Failure of an insect electrocuting device to reduce mosquito biting.” *Mosquito News*, 1983, volume 43, pages 180–184.
- NATIONAL WEATHER SERVICE *Operations Manual* U.S. Department of Commerce, National Oceanic and Atmospheric Administration, WSOM Issuance 84-11, July 11, 1984, pages 21–25.
- NATRELLA, M. *Experimental Statistics*. National Bureau of Standards Handbook 91, Washington, D.C., 1963.
- NELSON, WAYNE *How to Analyze Data with Simple Plots*. Volume 1 of Basic References in Quality Control: Statistical Techniques. American Society for Quality Control, Madison, Wisconsin, 1986.
- NELSON, W. *Applied Life Data Analysis*. Wiley, New York, 1982.
- NORDHEIM, E. V., A. TSIATIS, and T. J. SHAPAS “Incorporating extra information in experimental design for bioassay.” *Biometrics*, 1983, volume 39, pages 87–96.
- O'BRIEN, PETER C. and THOMAS R. FLEMING “A paired Prentice–Wilcoxon test for censored paired data.” *Biometrics*, 1987, volume 43, pages 169–180.
- OJA, HANNU and JUKKA NYBLÖM “Bivariate sign tests.” *Journal of the American Statistical Association*, 1989, volume 84, pages 249–252.
- OLSEN, ALEXANDER Personal communication, 1986.
- O'SULLIVAN, J. B. and C. M. MAHAN “Glucose tolerance test: Variability in pregnant and non-pregnant women.” *American Journal of Clinical Nutrition*, 1966, volume 19, pages 345–351.
- OTT, E. R. and R. D. SNEE “Identifying useful differences in a multiple-head machine.” *Journal of Quality Technology*, 1973, volume 5, pages 45–57.
- OWEN, W. J. and T. A. DEROUEN “Estimation of the mean for lognormal data containing zeroes and left-censored values, with applications to the measurement of worker exposures to air contaminants.” *Biometrics*, 1980, volume 36, pages 707–719.
- PARTRIDGE, C. J., M. JOHNSTON, and S. EDWARDS “Recovery from physical disability after stroke: Normal patterns as a basis for evaluation.” *The Lancet*, February 14, 1987, pages 373–374.
- PATARROYO, MANUEL E., ROBERTO AMADOR, PEDRO CLAVIJO, ALBERTO MORENO, FANNY GUZMAN, PEDRO ROMERO, RICARDO TASCÓN, ANTONIO FRANCO,

- LUIS A. MURILLO, GABRIEL PONTON, and GUSTAVO TRUJILLO "A synthetic vaccine protects humans against challenge with asexual blood stages of *Plasmodium falciparum* malaria." *Nature*, 1988, volume 332, pages 158–161.
- PERRY, L., R. VAN DYKE, and R. THEYE "Sympathoadrenal and hemodynamic effects of isoflurane, halothane, and cyclopropane in dogs." *Anesthesiology*, 1974, volume 40, pages 465–470.
- PIEGORSCH, WALTER W., CLARICE R. WEINBERG, and BARRY H. MARGOLIN "Exploring simple independent action in multifactor tables of proportions." *Biometrics*, 1988, volume 44, pages 595–603.
- PITETTI, KENNETH H., PETER G. SNELL, JAMES STRAY-GUNDERSEN, and FRANK A. GOTTSCHALK "Aerobic training exercises for individuals who had amputation of the lower limb." *The Journal of Bone and Joint Surgery*, 1987, volume 69-A, pages 914–915.
- POLLOCK, KENNETH H., SCOTT R. WINTERSTEIN, and MICHAEL J. CONROY "Estimation and analysis of survival distributions for radio-tagged animals." *Biometrics*, 1989, volume 45, pages 99–109.
- PORTER, RICHARD H. and JOHN D. MOORE "Human kin recognition by olfactory cues." *Physiology & Behavior*, 1981, volume 27, pages 493–495.
- PRENTICE, ROSS L. "A generalization of the probit and logit methods for dose response curves." *Biometrics*, 1976, volume 32, pages 761–768.
- PROSCHAN, F. "Theoretical explanation of observed decreasing failure rate." *Technometrics*, 1963, volume 5, pages 375–383.
- QUADE, DANA "Nonparametric analysis of covariance by matching." *Biometrics*, 1982, volume 38, pages 597–611.
- QUESENBERRY, C. P., T. B. WHITAKER, and J. W. DICKENS "On testing normality using several samples: An analysis of peanut aflatoxin data." *Biometrics*, 1976, volume 32, pages 753–759.
- RAMSAY, J. O. "Monotone regression splines in action." *Statistical Science*, 1988, volume 3, pages 425–461.
- RATKOWSKY, D. A. and D. MARTIN "The use of multivariate analysis in identifying relationships among disorder and mineral element content in apples." *Australian Journal of Agricultural Research*, 1974, volume 25, pages 783–790.
- RAWLINGS, JOHN O. *Applied Regression Analysis: A Research Tool*. Wadsworth & Brooks/Cole Advanced Books & Software, Pacific Grove, California, 1988.
- RENNEKER, MARK "Surfing: The sport and the life-style." *The Physician and Sports-medicine*, 1987, volume 15, pages 156–158.
- RICE, JOHN A. *Mathematical Statistics and Data Analysis*. Wadsworth and Brooks/Cole Advanced Books & Software, Pacific Grove, California, 1988.
- ROBERTS, LESLIE "Is acid deposition killing West German forests?" *Bioscience*, 1983, volume 33, pages 302–305.
- ROSENSTOCK, IRWIN M., ANDY STERGACHIS, and CATHERINE HEANEY "Evaluation of smoking prohibition policy in a health maintenance organization." *American Journal of Public Health*, 1986, volume 76, pages 1014–1015.
- ROTHWELL, NORMAN V. *Human Genetics*. Prentice-Hall, Englewood Cliffs, New Jersey, 1977.
- RYAN, BARBARA F., BRIAN L. JOINER, and THOMAS A. RYAN JR. *Minitab Handbook*. 2nd edition. Duxbury Press, Boston, Massachusetts, 1985.
- RYAN, THOMAS P. *Statistical Methods for Quality Improvement*. Wiley, New York, 1989.
- RYAN, THOMAS A., JR., BRIAN L. JOINER, and BARBARA F. RYAN *Minitab Student Handbook*. Duxbury Press, Boston, Massachusetts, 1976.
- SCHAEFER, ROBERT L. and RICHARD B. ANDERSON *The Student Edition of Minitab, Statistical Software Adapted for Education*. Addison-Wesley, Reading, Massachusetts, 1989.

- SCHEIRER, C. JAMES, WILLIAM S. RAY, and NATHAN HARE "The analysis of ranked data derived from completely randomized factorial designs." *Biometrics*, 1976, volume 32, pages 429-434.
- SCHILLING, EDWARD G. *Acceptance Sampling in Quality Control*. Marcel Dekker, New York, 1982.
- SCHMOYER, RICHARD L. "An exact distribution-free analysis for accelerated life testing at several levels of a single stress." *Technometrics*, 1986, volume 28, pages 165-175.
- Science News* "AIDS virus in bone, vaccine on trial." May 7, 1988, volume 133, number 19, page 292.
- SEWELL, W. H. and V. P. SHAH "Social class, parental encouragement, and educational aspirations." *American Journal of Sociology*, 1968, volume 73, pages 559-572.
- SHAPIRO, SAMUEL S. *The ASQC Basic References for Quality Control: Statistical Techniques, Volume 3, How to Test Normality and Other Distribution Assumptions*. American Society for Quality Control, Milwaukee, Wisconsin, 1986.
- SHAUGHNESSY, JAMES "Softball superstitions: Are they imagined or do these notions have substance?" Class project in experimental design, 1988.
- SHELP, W. D., F. H. BACH, W. A. KISKEN, M. NEWTON, R. E. RIESELBACH, and A. B. WEINSTEIN "Long-term integrity of renal function in cadaver allografts." *Journal of the American Medical Association*, 1970, volume 213, pages 1443-1447.
- SIDDIQUI, M. M. and E. A. GEHAN *Statistical Methodology for Survival Time Studies*. Communication of National Cancer Institute, 1966.
- SNEDECOR, GEORGE W. and WILLIAM G. COCHRAN *Statistical Methods*, 6th edition. The Iowa State University Press, Ames, Iowa, 1967.
- SNEE, RONALD D. "Nonadditivity in a two-way classification: Is it interaction or non-homogeneous variance?" *Journal of the American Statistical Association*, 1982, volume 77, pages 515-519.
- SNOW, STEVEN R. "The effect of ammunition type on target shooting scores." Class project in experimental design, 1986.
- TANNER, MARTIN A. and WING HUNG WONG "The calculation of posterior distributions by data augmentation." *Journal of the American Statistical Association*, 1987, volume 82, pages 528-540.
- TARONE, ROBERT E. and JOHN J. GART "On the robustness of combined tests for trends in proportions." *Journal of the American Statistical Association*, 1980, volume 75, pages 110-116.
- The 1987 Information Please Almanac* Houghton Mifflin, New York, 1986.
- THOMAS, H. V. and E. SIMMONS "Histamine content in sputum from allergic and nonallergic individuals." *Journal of Applied Physiology*, 1969, volume 26, pages 793-797.
- TUFTE, EDWARD R. *The Visual Display of Quantitative Information*. Graphics Press, Cheshire, Connecticut, 1983.
- TUFTE, EDWARD R. *Envisioning Information*. Graphics Press, Cheshire, Connecticut, 1990.
- TUKEY, JOHN W. *Exploratory Data Analysis*. Addison-Wesley, Reading, Massachusetts, 1977.
- TURSZ, ANNE and MONIQUE CROST "Sports-related injuries in children." *The American Journal of Sports Medicine*, 1986, volume 14, pages 294-299.
- U. S. COMMISSION ON CIVIL RIGHTS *Insurance Redlining: Fact Not Fiction*. A report prepared by the Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin Advisory Committees to the U.S. Commission on Civil Rights, Washington, D.C., 1979.
- U. S. DEPARTMENT OF AGRICULTURE, WAR FOOD ADMINISTRATION, OFFICE OF MARKETING SERVICES "Results of fiber and spinning tests of some varieties of upland cotton grown in the United States, crop of 1944." (Processed April 1945)

- URQUHART, N. SCOTT "Adjustment in covariance when one factor affects the covariate." *Biometrics*, 1982, volume 38, pages 651-660.
- VAN RYZIN, JOHN and KAMTA RAI "A dose-response model incorporating nonlinear kinetics." *Biometrics*, 1987, volume 43, pages 95-105.
- VARMA, A. O. and N. W. CHILTON "Crossover designs involving two treatments." *Journal of Periodontal Research*, 1974, volume 9, supplement 14, pages 160-170.
- VELLEMAN, PAUL F. and DAVID C. HOAGLIN *Applications, Basics and Computing of Exploratory Data Analysis*. Duxbury Press, Boston, 1981.
- WALLACH, D. and B. GOFFINET "Mean squared error of prediction in models for studying ecological and agronomic systems." *Biometrics*, 1987, volume 43, pages 561-573.
- WALPOLE, RONALD E. and RAYMOND H. MYERS *Probability and Statistics for Engineers and Scientists*, 4th edition. Macmillan, New York, 1989.
- WALSH, MICHELE "The bicycle experiment." Class project in experimental design, 1988.
- WALTER, S. D. "Calculation of attributable risks from epidemiologic data." *International Journal of Epidemiology*, 1978, volume 7, pages 175-182.
- WALKING, A. E., G. BLEFFERT, and M. KIERNAN "An improved rapid physiochemical assay method for aflatoxin in peanuts and peanut products." *Journal of the American Oil Chemists' Society*, 1968, volume 49, pages 590-593.
- WANG, G. C. "Microscopic investigation of CO₂ flooding process." *Journal of Petroleum Technology*, 1982, volume 34, pages 1789-1797.
- WEINBERG, CLARICE RING and BETH C. GLADEN "The beta-geometric distribution applied to comparative fecundability studies." *Biometrics*, 1986, volume 42, pages 547-560.
- WEINDLING, S. Statistics report: Math 80B, 1977.
- WEISS, S. H., J. J. GOEDERT, M. G. SARNGADHARAN, and A. J. BODNER, THE AIDS SEROEPIDEMIOLOGY WORKING GROUP, R. C. GALLO, and A. BLATTNER "Screening test for HTLF-III (AIDS agent) antibodies." *Journal of the American Medical Association*, 1985, volume 253, pages 221-225.
- WERNIMONT, GRANT "Quality control in the chemical industry, II. Statistical quality control in the chemical laboratory." *Industrial Quality Control*, May 1947.
- WILMORE, JACK H. "The assessment of and variation in aerobic power in world class athletes as related to specific sports." *The American Journal of Sports Medicine*, 1984, volume 12, pages 120-127.
- WITKIN, HERMAN A., SARNOFF A. MEDNICK, FINI SCHULSINGER, ESKILD BAKKESTROM, KARL O. CHRISTIANSEN, DONALD R. GOODENOUGH, KURT HIRSCHHORN, CLAES LUNDSTEEN, DAVID R. OWEN, JOHN PHILIP, DONALD B. RUBIN, and MARTHA STOCKING "Criminality in XYY and XXY men." *Science*, 1976, volume 193, pages 547-555.
- WOELFL, G., I. WEI, C. FAULSTICH, and H. LITWACK "Laboratory testing of asphalt concrete for porous pavements." *Journal of Testing and Evaluation*, 1981, volume 9, pages 175-181.
- WOODWARD, W. F. "A comparison of base running methods in baseball." Master's Thesis, Florida State University, 1970.
- WOOLSON, R. F. and P. A. LACHENBRUCH "Rank tests for censored matched pairs." *Biometrika*, 1980, volume 67, pages 597-606.
- WORLD BANK *World Development Report 1987*. Oxford University Press, New York, 1987.
- WORLD BANK *World Development Report 1985*. Oxford University Press, New York, 1985.
- YAMAMOTO, JANET K., HERMAN HANSEN, ESTHER W. HO, TERESA Y. MORISHITA, TAKIKO OKUDA, THOMAS R. SAWA, ROBERT M. NAKAMURA, and NIELS C. PEDERSEN "Epidemiologic and clinical aspects of feline immunodeficiency virus

- infection in cats from the continental United States and Canada and possible mode of transmission." *Journal of the American Veterinary Medical Association*, 1989, volume 194, pages 213–218.
- YOUNG, B. A. and J. L. CORBETT "Maintenance energy requirement of grazing sheep in relation to herbal availability." *Australian Journal of Agricultural Research*, 1972, volume 23, pages 57–76.
- YU, B. P., E. J. MASORO, I. MURATA, H. A. BERTRAND, and F. T. LYND "Lifespan study of SPF Fisher 344 male rats fed *ad libitum* or restricted diets: Longevity, growth, lean body mass and disease." *Journal of Gerontology*, 1982, volume 37, pages 130–141.
- ZERBE, GARY O. "Randomization analysis of the completely randomized design extended to growth and response curves." *Journal of the American Statistical Association*, 1979, volume 74, pages 215–221.
- ZINNER, D. D., L. F. DUANY, and N. W. CHILTON "Controlled study of the clinical effectiveness of a new oxygen gel on plaque, oral debris and gingival inflammation." *Pharmacology and Therapeutics in Dentistry*, 1970, volume 1, pages 7–15.