

REFERENCES

1. Agresti, A. (2002), *Categorical Data Analysis*, 2nd. Ed., New York: John Wiley and Sons.
2. Akaike, H. (1973), "Information Theory and an Extension of Maximum Likelihood Principle," in *Second International Symposium on Information Theory* (B. N. Petrov and F. Caski, Eds.) Akademia Kiado, Budapest, 267–281.
3. Andrews, D. F. and Herzberg, A. M. (1985) *Data: A Collection of Problems from Many Fields for the Student and Research Worker*, New York: Springer-Verlag.
4. Anscombe, F. J. (1960), "Rejection of Outliers," *Technometrics*, 2, 123–167.
5. Anscombe, F. J. (1973), "Graphs in Statistical Analysis," *The American Statistician*, 27, 17–21.
6. Atkinson, A. C. (1985), *Plots, Transformations, and Regression: An Introduction to Graphical Methods of Diagnostic Regression Analysis*, Oxford: Clarendon Press.
7. Barnett, V. and Lewis, T. (1994), *Outliers in Statistical Data*, 3rd ed., New York: John Wiley & Sons.
8. Bartlett, G., Stewart, J., and Abrahamowicz, M. (1998), "Quantitative Sensory Testing of Peripheral Nerves," *Student: A Statistical Journal for Graduate Students*, 2, 289–301.
9. Bates, D. M. and Watts, D. G. (1988), *Nonlinear Regression Analysis and Its Applications*, New York: John Wiley & Sons.
10. Becker, R. A., Cleveland, W. S., and Wilks, A. R (1987), "Dynamic Graphics for Data Analysis," *Statistical Science*, 2, 4, 355–395.
11. Belsley, D. A. (1991), *Conditioning Diagnostics: Collinearity and Weak Data in Regression*, New York: John Wiley & Sons.

12. Belsley, D. A., Kuh, E., and Welsch, R. E. (1980), *Regression Diagnostics: Identifying Influential Data and Sources of Collinearity*, New York: John Wiley & Sons.
13. Billor, N., Chatterjee, S., and Hadi, A. S. (2006), "A Re-weighted Least Squares Method for Robust Regression Estimation," *American Journal of Mathematical and Management Sciences*, (in press).
14. Birkes, D. and Dodge, Y. (1993), *Alternative Methods of Regression*, New York: John Wiley & Sons.
15. Box, G. E. P. and Pierce, D. A. (1970), "Distribution of Residual Autocorrelation in Autoregressive-Integrated Moving Average Time Series Models," *Journal of the American Statistical Association*, 64, 1509–1526.
16. Carroll, R. J. and Ruppert, D. (1988), *Transformation and Weighting in Regression*, London: Chapman and Hall.
17. Chambers, J. M., Cleveland, W. S., Kleiner, B., and Tukey, P. A. (1983), *Graphical Methods for Data Analysis*, Boston: Duxbury Press.
18. Chatterjee, S. and Hadi, A. S. (1988), *Sensitivity Analysis in Linear Regression*, New York: John Wiley & Sons.
19. Chatterjee, S., Handcock, M. S., and Simonoff, J. S. (1995), *A Casebook for a First Course in Statistics and Data Analysis*, New York: John Wiley & Sons.
20. Chatterjee, S. and Mächler, M. (1997), "Robust Regression: A Weighted Least Squares Approach," *Communications in Statistics, Theory and Methods*, 26, 1381–1394.
21. Chi-Lu, C. and Van Ness, J. W. (1999), *Statistical Regression With Measurement Error*, London: Arnold.
22. Coakley, C. W. and Hettmansperger, T. P. (1993), "A Bounded Influence, High Break-down, Efficient Regression Estimator," *Journal of the American Statistical Association*, 88, 872–880.
23. Christensen, R. (1996), *Analysis of Variance, Design and Regression: Applied Statistical Methods*, New York: Chapman and Hall.
24. Cochran, D. and Orcutt, G. H. (1949), "Application of Least Squares Regression to Relationships Containing Autocorrelated Error Terms," *Journal of the American Statistical Association*, 44, 32–61.
25. Coleman, J. S., Cambell, E. Q., Hobson, C. J., McPartland, J., Mood, A. M., Weinfield, F. D., and York, R. L. (1966), *Equality of Educational Opportunity*, U.S. Government Printing Office, Washington, D.C.
26. Conover, W. J. (1980), *Practical Nonparametric Statistics*, New York: John Wiley & Sons.
27. Cook, R. D. (1977), "Detection of Influential Observations in Linear Regression," *Technometrics*, 19, 15–18.
28. Cook, R. D. and Weisberg, S. (1982), *Residuals and Influence in Regression*, London: Chapman and Hall.
29. Cox, D. R. (1989), *The Analysis of Binary Data*, 2nd ed., London: Methuen.
30. Daniel, C. and Wood, F. S. (1980), *Fitting Equations to Data: Computer Analysis of Multifactor Data*, 2nd ed., New York: John Wiley & Sons.

31. Dempster, A. P., Schatzoff, M. , and Wermuth, N. (1977), "A Simulation Study of Alternatives to Ordinary Least Squares," *Journal of the American Statistical Association*, 72, 77–106.
32. Diaconis, P. and Efron, B. (1983), "Computer Intensive Methods in Statistics," *Scientific American*, 248, 116–130.
33. Dodge, Y. and Hadi, A. S. (1999), "Simple Graphs and Bounds for the Elements of the Hat Matrix" *Journal of Applied Statistics*, 26, 817–823.
34. Draper, N. R. and Smith, H. (1998), *Applied Regression Analysis*, 3rd ed., New York: John Wiley & Sons.
35. Durbin, J. and Watson, G. S. (1950), "Testing for Serial Correlation in Least Squares Regression," *Biometrika*, 37, 409–428.
36. Durbin, J. and Watson, G. S. (1951), "Testing for Serial Correlation in Least Squares Regression, II," *Biometrika*, 38, 159–178.
37. Efron, B. (1982), "The Jackknife, the Bootstrap and Other Resampling Plans," *CBMS-National Science Monograph* 38, Society of Industrial and Applied Mathematics.
38. Eisenhauer, J. G. (2003), "Regression Through the Origin," *Teaching Statistics*, 25, 76–80.
39. Ezekiel, M. (1924), "A Method for Handling Curvilinear Correlation for Any Number of Variables," *Journal of the American Statistical Association*, 19, 431–453.
40. Finney, D. J. (1964), *Probit Analysis*, London: Cambridge University Press.
41. Fox, J. (1984), *Linear Statistical Models and Related Methods*, New York: John Wiley & Sons.
42. Friedman, M. and Meiselman, D. (1963), "The Relative Stability of Monetary Velocity and the Investment Multiplier in the United States, 1897–1958," in *Commission on Money and Credit, Stabilization Policies*, Englewood Cliffs, N.J.: Prentice-Hall.
43. Fuller, W. A. (1987), *Measurement Error Models*, New York: John Wiley & Sons.
44. Furnival, G. M. and Wilson, R. W., Jr. (1974), "Regression by Leaps and Bounds," *Technometrics*, 16, 499–512.
45. Gibbons, J. D. (1993), *Nonparametric Statistics: An Introduction*, Newbury Park, CA: Sage Publications.
46. Goldstein, M. and Smith, A. F. M. (1974), "Ridge-Type Estimates for Regression Analysis," *Journal of the Royal Statistical Society (B)*, 36, 284–291.
47. Gray, J. B. (1986), "A Simple Graphic for Assessing Influence in Regression," *Journal of Statistical Computation and Simulation*, 24, 121–134.
48. Gray, J. B. and Ling, R. F. (1984), "K-Clustering as a Detection Tool for Influential Subsets in Regression (with Discussion)," *Technometrics*, 26, 305–330.
49. Graybill, F. A. (1976), *Theory and Application of the Linear Model*, Belmont, CA: Duxbury Press.
50. Graybill, F. A. and Iyer, H. K. (1994), *Regression Analysis: Concepts and Applications*, Belmont, CA: Duxbury Press.
51. Green, W. H. (1993), *Econometric Analysis*, 2nd ed., Saddle River, NJ: Prentice-Hall.
52. Gunst, R. F. and Mason, R. L. (1980), *Regression Analysis and Its Application: A Data-Oriented Approach*, New York: Marcel Dekker.

53. Hadi, A. S. (1988), "Diagnosing Collinearity-Influential Observations," *Computational Statistics and Data Analysis*, 7, 143–159.
54. Hadi, A. S. (1993), "Graphical Methods for Linear Models," Chapter 23 in *Handbook of Statistics: Computational Statistics*, (C. R. Rao, Ed.), Vol. 9, New York: North-Holland Publishing Company, 775–802.
55. Hadi, A. S. (1996), *Matrix Algebra As a Tool*, Belmont, CA: Duxbury Press.
56. Hadi, A. S. and Ling, R. F. (1998), "Some Cautionary Notes on the Use of Principal Components Regression," *The American Statistician*, 52, 15–19.
57. Hadi, A. S. and Simonoff, J. S. (1993), "Procedures for the Identification of Multiple Outliers in Linear Models," *Journal of the American Statistical Association*, 88, 1264–1272.
58. Hadi, A. S. and Son, M. S. (1997), "Detection of Unusual Observations in Regression and Multivariate Data," Chapter 13 in *Handbook of Applied Economic Statistics*, (A. Ullah and D. E. A. Giles, Eds.), New York: Marcel Dekker, 441–463.
59. Hadi, A. S. and Velleman, P. F. (1997), "Computationally Efficient Adaptive Methods for the Identification of Outliers and Homogeneous Groups in Large Data Sets," *Proceedings of the Statistical Computing Section, American Statistical Association*, 124–129.
60. Haith, D. A. (1976), "Land Use and Water Quality in New York Rivers," *Journal of the Environmental Engineering Division, ASCE* 102 (No. EEI. Proc. Paper 11902, Feb. 1976), 1–15.
61. Hamilton, D. J. (1987), "Sometimes $R^2 > r_{y \cdot x_1}^2 + r_{y \cdot x_2}^2$, Correlated Variables Are Not Always Redundant," *The American Statistician*, 41, 2, 129–132.
62. Hamilton, D. J. (1994), *Time Series Analysis*, Princeton, NJ: Princeton University Press.
63. Hampel, F. R., Ronchetti, E. M., Rousseeuw, P. J., and Stahel, W. A. (1986), *Robust Statistics: The Approach Based on Influence Functions*, New York: John Wiley & Sons.
64. Hand, D. J., Daly, F., Lunn, A. D., McConway, K. J., and Ostrowski, E. (1994), *A Handbook of Small Data Sets*, New York: Chapman and Hall.
65. Hawkins, D. M. (1980), *Identification of Outliers*, London: Chapman and Hall.
66. Henderson, H. V. and Velleman, P. F. (1981), "Building Multiple Regression Models Interactively," *Biometrics*, 37, 391–411.
67. Hildreth, C. and Lu, J. (1960), "Demand Relations With Autocorrelated Disturbances," *Technical Bulletin No. 276*, Michigan State University, Agricultural Experiment Station.
68. Hoaglin, D. C. and Welsch, R. E. (1978), "The Hat Matrix in Regression and ANOVA," *The American Statistician*, 32, 17–22.
69. Hocking, R. R., (1976), "The Analysis and Selection of Variables in Linear Regression," *Biometrics*, 32, 1–49.
70. Hoerl, A. E. (1959), "Optimum Solution of Many Variables," *Chemical Engineering Quart. Progr.*, 55, 69–78.
71. Hoerl, A. E. and Kennard, R. W. (1970), "Ridge Regression: Biased Estimation for Nonorthogonal Problems," *Technometrics*, 12, 69–82.

72. Hoerl, A. E. and Kennard, R. W. (1976), "Ridge Regression: Iterative Estimation of the Biasing Parameter," *Communications in Statistics, Theory and Methods*, A5, 77–88.
73. Hoerl, A. E., Kennard, R. W., and Baldwin, K. F. (1975), "Ridge Regression: Some Simulations," *Communications in Statistics, Theory and Methods*, 4, 105–123.
74. Hollander, M. and Wollfe, D. A. (1999), *Nonparametric Statistical Methods*, New York: John Wiley & Sons.
75. Hosmer, D. W. and Lemeshow, S. (1989), *Applied Logistic Regression*, New York: John Wiley & Sons.
76. Huber, P. J. (1981), *Robust Statistics*, New York: John Wiley & Sons.
77. Huber, P. J. (1991), "Between Robustness and Diagnostics," in *Directions in Robust Statistics and Diagnostics*, (W. Stahel and S. Weisberg, Eds.), New York: Springer-Verlag.
78. Hurvich, C. M. and Tsai, C.-L. (1989), "Regression and Time Series Model Selection in Small Samples," *Biometrika*, 76, 297–307.
79. Iversen, G. R. (1976), *Analysis of Variance*, Beverly Hills, CA: Sage Publications.
80. Iversen, G. R. and Norpoth, H. (1987), *Analysis of Variance*, Beverly Hills, CA: Sage Publications.
81. Jerison, H. J. (1973), *Evolution of the Brain and Intelligence*, New York: Academic Press.
82. Johnson, D. E. (1998), *Applied Multivariate Methods for Data Analysts*, Belmont, CA: Duxbury Press.
83. Johnson, R. A. and Wichern, D. W. (1992), *Applied Multivariate Statistical Analysis*, 3rd ed., Englewood Cliffs, N.J.: Prentice-Hall.
84. Johnston, J. (1984), *Econometric Methods*, 2nd ed., New York: McGraw-Hill.
85. Kmenta, J. (1986), *Elements of Econometrics*, New York: Macmillan.
86. Krasker, W. S. and Welsch, R. E. (1982), "Efficient Bounded-Influence Regression Estimation," *Journal of the American Statistical Association*, 77, 595–604.
87. Krishnaiah, P. R. (Ed.) (1980), *Analysis of Variance*, New York: North-Holland Publishing Co.
88. La Motte, L. R. and Hocking, R. R. (1970), "Computational Efficiency in the Selection of Regression Variables," *Technometrics*, 12, 83–93.
89. Landwehr, J., Pregibon, D., and Shoemaker, A. (1984), "Graphical Methods for Assessing Logistic Regression Models," *Journal of the American Statistical Association*, 79, 61–83.
90. Larsen, W. A., and McCleary, S. J. (1972), "The Use of Partial Residual Plots in Regression Analysis," *Technometrics*, 14, 781–790.
91. Lawless, J. F. and Wang, P. (1976), "A Simulation of Ridge and Other Regression Estimators," *Communications in Statistics, Theory and Methods*, A5, 307–323.
92. Lehmann, E. L. (1975), *Nonparametric Statistical Methods Based on Ranks*, New York: McGraw-Hill.
93. Lindman, H. R. (1992), *Analysis of Variance in Experimental Design*, New York: Springer-Verlag.

94. Malinvaud, E. (1968), *Statistical Methods of Econometrics*, Chicago: Rand McNally.
95. Mallows, C. L. (1973), "Some Comments on C_p ," *Technometrics*, 15, 661–675.
96. Manly, B. F. J. (1986), *Multivariate Statistical Methods*, New York: Chapman and Hall.
97. Mantel, N. (1970), "Why Stepdown Procedures in Variable Selection," *Technometrics*, 12, 591–612.
98. Manly, B. F. J. (1986), *Multivariate Statistical Methods*, New York: Chapman and Hall.
99. Marquardt, D. W. (1970), "Generalized Inverses, Ridge Regression, Biased Linear Estimation and Nonlinear Estimation," *Technometrics*, 12, 591–612.
100. McCallum, B. T. (1970), "Artificial Orthogonalization in Regression Analysis," *Review of Economics and Statistics*, 52, 110–113.
101. McCullagh, P. and Nelder, J. A. (1989), *Generalized Linear Models*, 2nd ed., London: Chapman and Hall.
102. McCulloch, C. E. and Meeter, D. (1983), Discussion of "Outliers," by R. J. Beckman and R. D. Cook, *Technometrics*, 25, 119–163.
103. McDonald, G. C. and Galarneau, D. I. (1975), "A Monte Carlo Evaluation of Some Ridge Type Estimators," *Journal of the American Statistical Association*, 70, 407–416.
104. McDonald, G. C. and Schwing, R. C. (1973), "Instabilities of Regression Estimates Relating Air Pollution to Mortality," *Technometrics*, 15, 463–481.
105. McLachlan, G. J. (1992), *Discriminant Analysis and Statistical Pattern Recognition*, New York: John Wiley & Sons.
106. Moore, D. S. and McCabe, G. P. (1993), *Introduction to the Practice of Statistics*, New York: W. H. Freeman and Company.
107. Morris, C. N. and Rolph, J. E. (1981), *Introduction to Data Analysis and Statistical Inference*, Englewood Cliffs, NJ: Prentice-Hall.
108. Mosteller, F. and Moynihan, D. F. (Eds.) (1972), *On Equality of Educational Opportunity*, New York: Random House.
109. Mosteller, F. and Tukey, J. W. (1977), *Data Analysis and Regression*, Reading, MA: Addison-Wesley.
110. Myers, R. H. (1990), *Classical and Modern Regression with Applications*, 2nd ed., Boston: PWS-KENT Publishing Company.
111. Narula, S. C. and Wellington, J. F. (1977), "Prediction, Linear Regression, and the Minimum Sum of Relative Errors," *Technometrics*, 19, 2, 185–190.
112. Obenchain, R. L. (1975), "Ridge Analysis Following a Preliminary Test of the Shrunk Hypothesis," *Technometrics*, 17, 431–441.
113. Pregibon, D. (1981), "Logistic Regression Diagnostics," *The Annals of Statistics*, 9, 705–724.
114. Rao, C. R. (1973), *Linear Statistical Inference and Its Applications*, New York: John Wiley & Sons.
115. Ratkowsky, D. A. (1983), *Nonlinear Regression Modeling: A Unified Practical Approach*, New York: Marcel Dekker.

116. Ratkowsky, D. A. (1990), *Handbook of Nonlinear Regression Models*, New York: Marcel Dekker.
117. Reaven, G.M. and Miller, R. G. (1979), "An Attempt to Define the Nature of Chemical Diabetes using a Multidimensional Analysis," *Diabetologia*, 16, 17–24.
118. Rencher, A. C. (1995), *Methods of Multivariate Analysis*, New York: John Wiley & Sons.
119. Rousseeuw, P. J. and Leroy, A. M. (1987), *Robust Regression and Outlier Detection*, New York: John Wiley & Sons.
120. Scheffé, H. (1959), *The Analysis of Variance*, New York: John Wiley & Sons.
121. Schwarz, G. (1978), "Estimating the Dimensions of a Model," *Annals of Statistics*, 121, 461–464.
122. Searle, S. R. (1971), *Linear Models*, New York: John Wiley & Sons.
123. Seber, G. A. F. (1984), *Multivariate Observations*, New York: John Wiley & Sons.
124. Seber, G. A. F. and Lee, A. J. (2003), *Linear Regression Analysis*, New York: John Wiley & Sons.
125. Seber, G. A. F. and Wild, C. J. (1989), *Nonlinear Regression*, New York: John Wiley & Sons.
126. Sen, A. and Srivastava, M. (1990), *Regression Analysis: Theory, Methods, and Applications*, New York: Springer-Verlag.
127. Shumway, R. H. (1988), *Applied Statistical Time Series Analysis*, Englewood Cliffs, NJ: Prentice-Hall.
128. Silvey, S. D. (1969), "Multicollinearity and Imprecise Estimation," *Journal of the Royal Statistical Society*, (B), 31, 539–552.
129. Simonoff, J. S. (2003), *Analyzing Categorical Data*, New York: Springer-Verlag.
130. Snedecor, G. W. and Cochran, W. G. (1980), *Statistical Methods*, 7th ed., Ames, IA: Iowa State University Press.
131. Staudte, R. G. and Sheather, S. J. (1990), *Robust Estimation and Testing*, New York: John Wiley & Sons.
132. Strang, G. (1988), *Linear Algebra and Its Applications*, 3rd ed., San Diego: Harcourt Brace Jovanovich.
133. Thomson, A. and Randall-Maciver, R. (1905), *Ancient Races of the Thebaid*, Oxford: Oxford University Press.
134. Velleman, P. F. (1999), *Data Desk*, Ithaca, NY: Data Description.
135. Velleman, P. F. and Welsch, R. E. (1981), "Efficient Computing of Regression Diagnostics," *The American Statistician*, 35, 234–243.
136. Vinod, H. D. and Ullah, A. (1981), *Recent Advances in Regression Methods*, New York: Marcel Dekker.
137. Wahba, G., Golub, G. H., and Health, C. G. (1979), "Generalized Cross-Validation as a Method for Choosing a Good Ridge Parameter," *Technometrics*, 21, 215–223.
138. Welsch, R. E. and Kuh, E. (1977), "Linear Regression Diagnostics," *Technical Report* 923-77, Sloan School of Management, Cambridge, MA.

139. Wildt, A. R. and Ahtola, O. (1978), *Analysis of Covariance*, Beverly Hills, CA: Sage Publications.
140. Wood, F. S. (1973), "The Use of Individual Effects and Residuals in Fitting Equations to Data," *Technometrics*, 15, 677–695.