## References

Adams, G. (2001). Voting irregularities in Palm Beach, Florida. Chance 14 (1), 22-24.
Adhikari, A., and Nolan, D. (1997). Probability and stochastic processes. In Women in Mathematics: Scaling the Heights, ed. Nolan, D., MAA Notes 46, 27-39. Washington, D.C.: Mathematical Association of America.
Allaire, J. J., Cheng, J., Xie, Y., McPherson, J., Chang, W., Allen, J., Wickham, H., and Hyndman, R. (2015). rmarkdown: Dynamic Documents for R. R package version 0.5.1, http://CRAN.R-project.org/package=rmarkdown/.
Alpert, M., and Raiffa, H. (1984). A progress report on the training of probability assessors. In Judgment Under Uncertainty: Heuristics and Biases, ed. Kahneman, D., Slovic, P., and Tversky, A., 294-305. Cambridge University Press.
Ambady, N., and Rosenthal, R. (1997). Judging social behavior using "thin slices." Chance 10 (4), 12-18, 51.
Anderson, C. W., and Loynes, R. M. (1987). The Teaching of Practical Statistics. New York: Wiley.
Babbie, E. (1999). The Basics of Social Research. Belmont, Calif.: Wadsworth.
Baddeley, A. (1982). Stochastic geometry: An introduction and reading-list. International Statistics Review 50, 179-193.
Bailey, B. (2000). Reducing reliance on superstition. UI Design Update Newsletter, September. www. humanfactors.com/library/sep002.htm
Banzhaf, J. (1965). Weighted voting doesn't work: A mathematical analysis. Rutgers Law Review 19, 317-343.
Baumer, B., Cetinkaya-Rundel, M., Bray, A., Loi, L., and Horton, N. J. (2014). R Markdown: Integrating a reproducible analysis tool into introductory statistics. Technology Innovations in Statistics Education, 8.
Becker, R. A., Chambers, J. M., and Wilks, A. R. (1988). The New S Language: A Programming Environment for Data Analysis and Graphics. Pacific Grove, Calif.: Wadsworth.
Benford, F. (1938). The law of anomalous numbers. Proceedings of the American Philosophical Society 78, 551-572.
Berry, D. (1995). Statistics: A Bayesian Perspective. Belmont, Calif.: Duxbury.
Bessant, K. C. (1992). Instructional design and the development of statistical literacy. Teaching Sociology 20, 143-9.
Bisgaard, S. (1991). Teaching statistics to engineers. American Statistician 45, 274-283.
Bligh, D. A. (2000a). What's the Point in Discussion? Exeter, England: Intellect.

Bligh, D. A. (2000b). What's the Use of Lectures? San Francisco: Jossey-Bass.
Bowen, J. (1999). Faith healing: Can prayer do anything more than make you feel better? Salon, November 3, www. salon.com/health/feature/1999/11/03/prayer/.
Box, J. F. (1978). R. A. Fisher: The Life of a Scientist. New York: Wiley.
Brainard, J., and Burmaster, D. E. (1992). Bivariate distributions for height and weight of men and women in the United States. Risk Analysis 12, 267-275.
Bray, A., Cetinkaya-Rundel, M., and Stangl, D. (2014). Five concrete reasons your students should be learning to analyze data in the reproducible paradigm. RPubs retrieved from http://rpubs.com/mine/21454/.
Brier, G. W. (1950). Verification of forecasts expressed in terms of probability. Monthly Weather Review 78, 1-3.
Briggs, D. C. (2001). The effect of admissions test preparation: Evidence from NELS:88 (with discussion). Chance 14 (1), 10-21.
Burrill, G., and Cobb, G. (1994). Everyone's favorite subject: What's new. Stats, 12, 8-21.
Bullard, F. (2015) Coke versus Pepsi: An introductory test of significance. College Board, http://apcentral.collegeboard.com/apc/ members/courses/teachers_corner/31458.html.
Caldwell, J. E. (2007). Clickers in the large classroom: Current research and best-practice tips. CBE-Life Sciences Education 6, 9-20.
Carlin, B. P. and Gelfand, A. E. (1993). Parametric likelihood inference for record breaking problems. Biometrika 80, 507-515.
Carlin, B. P., and Louis, T. A. (1996). Bayes and Empirical Bayes Methods for Data Analysis. London: Chapman and Hall.
Case, B. A., ed. (1989). Responses to the Challenge: Keys to Improved Instruction by Teaching Assistants and Part-Time Instructors. Washington, D.C.: Mathematical Association of America.
Chang, W., Cheng, J., Allaire, J. J., Xie, Y., and McPherson, J. (2015). shiny: Web Application Framework for R. R package version 0.12.0. http://CRAN. R-project.org/package=shiny/.
Charlton, J., and Williamson, R. (1996). Practical Exercises in Applied Statistics. Oxford University Press.
Chasteen, S. (2011). The art (and science) of in-class questioning via clickers. PER-Central. Podcast available at http://www.per-central.org/items/ detail.cfm? $\mathrm{ID}=11316$.
Chatterjee, S., Handcock, M. S., and Simonoff, J. S. (1995). A Casebook for a First Course in Statistics and Data Analysis. New York: Wiley.
Clayton, D., and Bernardinelli, L. (1992). Bayesian methods for mapping disease risk. In Geographical and Environmental Epidemiology: Methods for SmallArea Studies, ed. P. Elliott, J. Cusick, D. English, and R. Stern, 205-220. Oxford University Press.
Clemen, R. T. (1996). Making Hard Decisions, second edition. Belmont, Calif.: Duxbury.

Cleveland, W. S. (1985). The Elements of Graphing Data. Monterey, Calif.: Wadsworth.
Cobb, C., Halstead, T., and Rowe, J. (1995). If the GDP is up, why is America down? Atlantic 278 (4), 59-78.
Cobb, G. (1992). Teaching statistics. In Heeding the Call for Change: Suggestions for Curricular Action, ed. L. A. Steen, 3-34. Mathematical Association of America.
Cobb, G., and Moore, D. (1997). Mathematics, statistics, and teaching. American Mathematical Monthly 104, 801-823.
Cohen, P., and Cohen, J. (1984). The clinician's illusion. Archives of General Psychiatry 41, 1178-1182.
Coombs, C. H., Milholland, J. E., and Womer, J. F. B. (1956). The assessment of partial knowledge. Educational and Psychological Measurement 15, 337352.

Crouch, C., and Mazur, E. (2001). Peer Instruction: Ten years of experience and results. American Journal of Physics 69, 970-977.
Daisley, P. (1979). Statistical thinking rather than statistical methods. Statistician 28, 231-239.
Dawid, A. P. (1986). Probability forecasting. In Encyclopedia of Statistical Sciences, Vol. 7, ed. S. Kotz, N. L. Johnson, and C. B. Read, 210-218. New York: Wiley.
Davis, B. G. (1993). Tools for Teaching. San Francisco: Jossey-Bass.
Denny, C., and Dennis, S. (2002). Heads, Belgium wins-and wins. [London] Guardian, January 4.
DeFinetti, B. (1965). Methods for discriminating level of partial knowledge concerning a test item. British Journal of Mathematical and Statistical Psychology 18, 87-123.
Dodds, P. S., Rothman, D. H., and Weitz, J. S. (2001). Re-examination of the '3/4-law' of metabolism. Journal of Theoretical Biology 209, 9-27.
Dolezal, K. K., Burdick, R. K., and Birch, N. J. (1998) Analysis of a two-factor R \& R study with fixed operators. Journal of Quality Technology 30, 163-170.
Dorman, P. (1996). Markets and Mortality: Economics, Dangerous Work, and the Value of Human Life. Cambridge University Press.
Doward, J. (1998). Truth behind that 'win a million' offer. [London] Observer, May 17, Business section, p. 8.
Dugger, C. W. (2001). Modern Asia's anomaly: The girls who don't get born. New York Times, May 6, Section 4, p. 4.
Ekeland, I. (1993). The Broken Dice. University of Chicago Press.
Feller, W. (1968). An Introduction to Probability Theory and Its Applications, Volume 1, third edition. New York: Wiley.
Finkelstein, M. O., and Levin, B. (2001). Statistics for Lawyers, second edition. New York: Springer-Verlag.
Finn, J., and Snell, J. L. (1992). A course called Chance. Chance 5, 12-16.
Fischhoff, B., Lichtenstein, S., Slovic, P., Derby, S. L., and Keeney, R. L. (1981). Acceptable Risk. Cambridge University Press.

Fischhoff, B., Slovic, P., and Lichtenstein, S. (1978). Fault trees: Sensitivity of estimated failure probabilities to problem representation. Journal of Experimental Psychology: Human Perception and Performance 4, 330-344.
Fisher, R. A. (1966). The Design of Experiments, eighth edition. New York: Hafner.
Foster, F. G., and Smith, T. M. F. (1969). The computer as an aid in teaching. Applied Statistics 18, 264-269.
Friendly, M. (2000). Gallery of data visualization: The best and worst of statistical graphics. Statistical Consulting Service, York University. www.math. yorku.ca/SCS/Gallery/
Gardner, M. (1961). The Second Scientific American Book of Mathematical Puzzles and Diversions. New York: Simon and Schuster.
Gastwirth, J. L., ed. (2000). Statistical Science in the Courtroom. New York: Springer-Verlag.
Gelman, A. (1997). Using exams for teaching concepts in probability and statistics. Journal of Educational and Behavioral Statistics 22, 237-243.
Gelman, A. (1998). Some class-participation demonstrations for decision theory and Bayesian statistics. American Statistician 52, 167-174.
Gelman, A. (2012). Statistics for sellers of cigarettes. Chance 25, 43-46.
Gelman, A., Carlin, J. B., Stern, H. S., Dunson, D., Vehtari, A., and Rubin, D. B. (2013). Bayesian Data Analysis, third edition. London: Chapman and Hall.
Gelman, A., Fagan, J., and Kiss, A. (2007). An analysis of the NYPD's stop-andfrisk policy in the context of claims of racial bias. Journal of the American Statistical Association 102, 813-823.
Gelman, A., and Glickman, M. E. (2000). Some class-participation demonstrations for introductory probability and statistics. Journal of Educational and Behavioral Statistics 25, 84-100.
Gelman, A., and Katz, J. (2001). How much does a vote count? Voting power, coalitions, and the Electoral College. Technical report, Department of Statistics, Columbia University.
Gelman, A., King, G., and Boscardin, W. J. (1998). Estimating the probability of events that have never occurred: When is your vote decisive? Journal of the American Statistical Association 93, 1-9.
Gelman, A., and Little, T. C. (1998). Improving upon probability weighting for household size. Public Opinion Quarterly 62, 398-404.
Gelman, A., and Nolan, D., with Men, A., Warmerdam, S., and Bautista, M. (1997). Student projects on statistical literacy and the media. American Statistician 52, 160-166.
Gelman, A., and Nolan, D. (2002a). A probability model for golf putting. Teaching Statistics 24, 93-95.
Gelman, A., and Nolan, D. (2002b). A class project in survey sampling. College Teaching 50, 151-153.
Gelman, A., and Nolan, D. (2002c). Some statistical sampling and data collection activities. Mathematics Teacher 95, 688-693.

Gelman, A., and Nolan, D. (2002d). You can load a die but you can't bias a coin. American Statistician 56, 308-311.
Gelman, A., Pasarica, C., and Dodhia, R. (2002). Let's practice what we preach: Turning tables into graphs. The American Statistician, 56, 121-130.
Gelman, A., and Price, P. N. (1999). All maps of parameter estimates are misleading. Statistics in Medicine 18, 3221-3234.
George, P. A., and Hole, G. J. (1995). Factors influencing the accuracy of age estimates of unfamiliar faces. Perception 24, 1059-1073.
Gilovich, T., Vallone, R., and Tversky, A. (1985). The hot hand in basketball: On the misperception of random sequences. Cognitive Psychology 17, 295-314.
Gladwell, M. (2001). What Stanley H. Kaplan taught us about the S.A.T. New Yorker, December 17, p. 86.
Gnanadesikan, M., Scheaffer, R. L., Watkins, A. E., and Witmer, J. A. (1997). An activity-based statistics course. Journal of Statistics Education 5 (2).
Goldstein, W. M., and Hogarth, R. M. (1997). Research on Judgment and Decision Making. Cambridge University Press.
Google, Inc. (2011). A 3d virtual earth browser, version 6. http://www.google. com/earth/.
Gopen, G. D., and Swan, J. A. (1990). The science of scientific writing. American Scientist 78, 550-558.
Gulliksen, H. O. (1950). Theory of Mental Tests. New York: Wiley.
Hanley, J. A. (1984). Lotteries and probabilities: Three case reports. Teaching Statistics 6, 88-92.
Hanley, J. A. (1992). Jumping to coincidences: Defying odds in the realm of the preposterous. American Statistician 46, 197-202.
Hanover Research, Academy Administrative Practice.(2010). Strategies for teaching large undergraduate classes. https://www.baruch.cuny.edu/ facultyhandbook/documents/LargeClasses_StrategiesforTeaching. pdf.
Hardin, J., Hoerl, R., Horton, N. J., Nolan, D., Baumer, B., Hall-Holt, O., Murrell, P., Peng, R., Roback, P., Temple Lang, D., and Ward, M. D. (2015). Data science in statistics curricula: Preparing students to "think with data." American Statistician 69, 343-353.
Harris, D. A. (1999). The stories, the statistics, and the law: Why "driving while black" matters. Minnesota Law Review 84, 265-326.
Harris, W. S., Gowda, M., Kolb, J. W., Strychacz, C. P., Vacek, J. L., Jones, P. G., Forker, A., O'Keefe, J. H., McCallister, B. D. (1999). A randomized, controlled trial of the effects of remote, intercessory prayer on outcomes in patients admitted to the coronary care unit. Archives of Internal Medicine 159, 2273-2278.
Hawkins, A., Jolliffe, F., and Glickman, L. (1992). Teaching Statistical Concepts. London: Longman.
Hemenway, D. (1997). The myth of millions of annual self-defense gun uses: A case study of survey overestimates of rare events. Chance 10 (3), 6-10.
Henderson, C. (2002). Hussain's flipping fillip. BBC Sport, January 4.

Hill, T. P. (1998). The first digit phenomenon. American Scientist 86, 358-363.
Hogg, R. V. (1985). Statistical education for engineers: An initial task force report. American Statistician 39, 21-24.
Hogg, R. V. (1992). Report of workshop on statistical education. In Heeding the Call for Change: Suggestions for Curricular Action, ed. L. A. Steen, 34-43. Washington, D.C.: Mathematical Association of America.
Hollander, M., and Proschan, F. (1984). The Statistical Exorcist: Dispelling Statistics Anxiety. New York: Dekker.
Huff, D. (1954). How to Lie with Statistics. New York: Norton.
Hynes, M. E., and Vanmarcke, E. (1977). Reliability of embankment performance predictions. In Mechanics in Engineering, 367-384. University of Waterloo Press.
Jay, R. (2000). The story of dice: Gambling and death from ancient Egypt to Los Angeles. New Yorker, December 11, 91-95.
Jaynes, E. T. (2003). Probability Theory: The Logic of Science. Cambridge University Press.
Joiner, B. L. (1989). Statistical thinking: What to teach and what not to teach managers. American Statistical Association Proceedings 150, 448-461.
Johnson, R. (1997). Earth's surface water percentage? Teaching Statistics 19, 66-68.
Jupyter Steering Council. (2015). Jupyter. https://jupyter.org/.
Kahneman, D., Slovic, P., and Tversky, A. (1982). Judgment Under Uncertainty: Heuristics and Biases. Cambridge University Press.
Kahneman, D., and Tversky, A. (1972). Subjective probability: A judgment of representativeness. Cognitive Psychology 3, 430-454. In Judgment Under Uncertainty: Heuristics and Biases, ed. D. Kahneman, P. Slovic, and A. Tversky, 32-47. Cambridge University Press.
Kahneman, D., and Tversky, A. (1973). On the psychology of prediction. Psychological Review 80, 237-251. In Judgment Under Uncertainty: Heuristics and Biases, ed. D. Kahneman, P. Slovic, and A. Tversky, 48-68. Cambridge University Press.
Kahneman, D., and Tversky, A. (1974). Judgment under uncertainty: Heuristics and biases. Science 185, 1124-1131. In Judgment Under Uncertainty: Heuristics and Biases, ed. D. Kahneman, P. Slovic, and A. Tversky, 3-20. Cambridge University Press.
Kahneman, D., and Tversky, A. (1979). Prospect theory: An analysis of decision under risk. Econometrica 47, 263-291.
Keller, J. B. (1986). The probability of heads. American Mathematical Monthly 93, 191-197.
Kempthorne, O. (1980). The teaching of statistics: Content versus form. American Statistician 34, 17-21.
Kerrich, J. E. (1946). An Experimental Introduction to the Theory of Probability. Copenhagen: J. Jorgensen.
Knight, J. K., and Wood, W. B. (2005). Teaching more by lecturing less. Cell Biology Education 4, 298-310.

Lawrance, A. J. (1996). A design of experiments workshop as an introduction to statistics. American Statistician 50, 156-158.
Liebman, J. S., and Sabel, C. F. (2002). A public laboratory Dewey barely imagined: The emerging model of school governance and legal reform. NYU Journal of Law and Social Change 28, 183-304.
Lightman, A., and Sadler, P. (1993). Teacher predictions versus actual student gains. Physics Teacher 31, 162-167.
Loewen, J. W. (1995). Lies My Teacher Told Me: Everything Your American History Textbook Got Wrong. New York: Norton.
Lohr, S. (2010). Sampling: Design and Analysis, second edition. Boston: Brooks/Cole.
Lord, F. M., and Novick, M. R. (1968). Statistical Theories of Mental Test Scores. Reading, Mass.: Addison-Wesley.
Lovett, M. C., and Greenhouse, J. B. (2000). Applying cognitive theory to statistics instruction. American Statistician 54, 196-206.
Lowman, J. (1995). Mastering the Techniques of Teaching, second edition. San Francisco: Jossey-Bass.
Madison, B. L., Boersma, S., Diefenderfer, C. L., and Dingman, S. W. (2015). Quantitative literacy assessment rubric. http://www.cwu.edu/~boersmas/ QRCW/Casebook/QLAR.pdf.
MacKenzie, D. (2002). Euro coin accused of unfair flipping. New Scientist, January 4.
Madsen, R. W. (1981). Making students aware of bias. Teaching Statistics 3, 2-5.
Magel, R. C. (1996). Increasing student participation in a large introductory statistics class. American Statistician 50, 51-56.
Magel, R. C. (1998). Using cooperative learning in a large introductory statistics class. Journal of Statistics Education 6 (3).
Manly, B. F., and Thomson, R. (1998). How to catch a thief. Chance 11 (4), 22-25.
Manton, K. G., Woodbury, M. A., Stallard, E., Riggan, W. B., Creason, J. P., and Pellom, A. C. (1989). Empirical Bayes procedures for stabilizing maps of U.S. cancer mortality rates. Journal of the American Statistical Association 84, 637-650.
Martz, H. F., and Zimmer, W. J. (1992). The risk of catastrophic failure of the solid rocket boosters on the space shuttle. American Statistician 46, 42-47.
Matthews, R. (1999). The power of one. New Scientist, July 10.
Maxwell, N. P. (1994). A coin-flipping exercise to introduce the P-value. Journal of Statistics Education 2 (1).
McCarty, C., Killworth, P. D., Bernard, H. R., Johnsen, E., and Shelley, G. A. (2001). Comparing two methods for estimating network size. Human Organization 60, 28-39.
McDonald, J. F., and Moffitt, R. A. (1980). The uses of tobit analysis. Review of Economics and Statistics 62, 318-321.

McEvedy, C., and Jones, R. (1978). Atlas of World Population History. London: Penguin.
McKeachie, W. J. (1999). Teaching Tips, tenth edition. Boston: Houghton Mifflin.
Miller, G. A. (1956). The magical number seven, plus or minus two: Some limits on our capacity for processing information. Psychological Review 63, 81-97.
Moore, D. S. (1990). Uncertainty. In On the Shoulders of Giants: New Approaches to Numeracy, ed. L. A. Steen, 95-137. Washington, D.C.: National Academy Press.
Moore, D. S., and McCabe, G. P. (1998). Introduction to the Practice of Statistics, third edition. New York: Freeman.
Moore, T., ed. (2000). Teaching Resources for Undergraduate Statistics. Washington, D.C.: Mathematical Association of America.
Moore, T. L., and Roberts, R. A. (1989). Statistics at liberal arts colleges. American Statistician 43, 80-85.
Morgan, J. P., Chaganty, N. R., Dahiya, R. C., and Doviak, M. J. (1991). Let's make a deal: The player's dilemma. American Statistician 45, 284-289.
Mosteller, F. (1952). The World Series competition. Journal of the American Statistical Association 47, 355-380.
Mosteller, F. (1965). Fifty Challenging Problems with Solutions. New York: Dover.
Mosteller, F. (1988). Broadening the scope of statistics and statistical education. American Statistician 42, 93-99.
Mulligan, C. B., and Hunter, C. G. (2001). The empirical frequency of a pivotal vote. National Bureau of Economic Research Working Paper 8590.
Nash, J. C., and Quon, T. K. (1996). Issues in teaching statistical thinking with spreadsheets. Journal of Statistics Education 4 (1).
Newcomb, S. (1881). Note on the frequency of the use of digits in natural numbers. American Journal of Mathematics 4, 39-40.
Newman, M. E. J. (2002). Ego-centered networks and the ripple effect, or why all your friends are weird. Social Networks 25, 83-95.
New York State Attorney General's Office (1999). Stop and Frisk Report. www.oag.state.ny.us/press/1999/dec/dec01a_99.htm
Nolan, D., and Perrett, J. (2016). Teaching and learning data visualization: Ideas and assignments. American Statistician 70.
Nolan, D., and Speed, T. (1999). Teaching statistics: Theory after application? American Statistician 53, 370-376.
Nolan, D., and Speed, T. (2000). Stat Labs: Mathematical Statistics Through Applications. New York: Springer-Verlag.
Nolan, D., and Temple Lang, D. (2010). Computing in the statistics curricula. American Statistician 64, 97-107.
Nolan, D., and Temple Lang, D. (2012a). Interactive and animated scalable vector graphics. Journal of Statistical Software 46. http://www.jstatsoft. org/index.php/jss/article/view/v046i01/v46i01.pdf.

Nolan, D., and Temple Lang, D. (2012b). XML and Web Technologies for Data Sciences with R. New York: Springer-Verlag.
Nolan, D., and Temple Lang, D. (2015). Data Science in R: A Case Studies Approach to Computational Reasoning and Problem Solving. London: CRC Press.
Oldfield, R. C. (1971). The assessment and analysis of handedness: The handedness inventory. Neuropsychologia 9, 97-114.
Ortiz, D. (1984). Gambling Scams. New York: Lyle Stuart.
Paranjpe, S. A., and Shah, A. (2000). How may words in a dictionary? Innovative laboratory teaching of sampling techniques. Journal of Statistical Education 8 (2).
Paulos, J. A. (1988). Innumeracy: Mathematical Illiteracy and Its Consequences. New York: Hill and Wang.
Pearl, D. K., and Stasny, E. A. (1992). Experiments in Statistical Concepts. Dubuque: Kendall/Hunt.
Pearson, K. and Lee, A. (1903). On the laws of inheritance in man. Biometrika 2 (4), 357-462.
Pelz, D. (1989). Putt Like the Pros. New York: Harper Collins.
Penrose, L. S. (1946). The elementary statistics of majority voting. Journal of the Royal Statistical Society 109, 53-57.
Persico, N., Knowles, J., and Todd, P. (2001). Racial bias in motor-vehicle searches: Theory and evidence. Journal of Political Economy 109, 203-229.
Persico, N., Postlewaite, A., and Silverman, D. (2001). The effect of adolescent experience on labor market outcomes: The case of height. Technical report, Department of Economics, University of Pennsylvania.
Peterson, I. (1990). Islands of Truth. New York: Freeman.
Peterson, I. (1997). A penny surprise. MathTrek, MAA Online, December 15.
Petruccelli, J. D., Nandram, B., and Chen, M.-H. (1995). Implementation of a modular laboratory and project-based statistics curriculum. American Statistical Association, Proceedings of the Section on Statistical Education, 165-170.
Porac, C., Coren, S., and Duncan, P. (1980). Life-span age trends in laterality. Journal of Gerontology 35, 715-721
R Core Team (2014). R: A Language and Environment for Statistical Computing. R Core Team. Vienna, Austria. http://www.R-project.org/.
Reese, R. A. (1997). IQ-abnormal thoughts. Chance 10 (4), 49-51.
Revesz, P. (1978). Strong theorems on coin tossing. Proceedings of the International Congress of Mathematicians (Helsinki, 1978), ed. O. Lehto, 749-754. Helsinki, Finland.
Rhoads, S. E. (1980). Valuing Life: Public Policy Dilemmas. Boulder, Colo.: Westview.
Riffenburgh, R. H. (1995). Infusing statistical thinking into clinical practice. American Statistical Association, Proceedings of the Section on Statistical Education, 5-8.

Roberts, S. (2001). Surprises from self-experimentation: Sleep, mood, and weight (with discussion). Chance 14 (2), 7-18.
Rodricks, J. V. (1992). Calculated risks: The toxicity and human health risks of chemicals in our environment. Cambridge University Press.
Rombola, F. (1984). The Book on Bookmaking. Pasadena, Calif.: Pacific Book and Printing.
Romer D. H., and Romer, C. D. (2000). Federal Reserve information and the behavior of interest rates. American Economic Review 90, 429-457.
Rosling, H. (2015). GapMinder: A fact-based worldview. http://www. gapminder.org/.
Ross, C. E. (1990). Work, family, and well-being in the United States. Survey data available from Inter-university Consortium for Political and Social Research, Ann Arbor, Mich.
Rossman, A., and Von Oehsen, J. B. (1997). Workshop Statistics: Discovery with Data and the Graphing Calculator. New York: Springer-Verlag.
Rovere, R. H. (1959). Senator Joe McCarthy. New York: Harper and Row.
RStudio Team (2015). RStudio: Integrated Development for R. Boston: RStudio, Inc. http://www.rstudio.com/.
Sabel, C. F., Fung, A., and Karkkainen, B. (1999). Beyond backyard environmentalism (with discussion). Boston Review, 24, October/November, 1-12.
Sankar, P. (2015). Piazza. https://piazza.com/.
Scheaffer, R. L., Gnanadesikan, M., Watkins, A., and Witmer, J. (1996). Activity-Based Statistics: Instructor Resources. New York: Springer-Verlag.
Schilling, M. F. (1990). The longest run of heads. College Mathematics Journal 21, 196-207.
Schilling, M. F., Watkins, A. E., and Watkins, W. (2001). Is human height bimodal? Submitted to American Statistician.
Schmidt-Nielsen, K. (1978). How Animals Work. Cambridge University Press.
Schmidt-Nielsen, K. (1984). Scaling: Why is Animal Size So Important? Cambridge University Press.
Schuyten, G. (1991). Statistical thinking in psychology and education. Proceedings of International Conference on Teaching Statistics, 486-489.
Schwarz, C. J. (1997). StatVillage: An on-line www-accessible, hypothetical city based on real data for use in an interactive class on surve sampling. Journal of Statistics Education 5 (2).
Selvin, S. (1975). Letter. American Statistician 29, 67.
Shapley, L. S., and Shubik, M. (1954). A method for evaluating the distribution of power in a committee system. American Political Science Review 48, 787792.

Short, T. H., and Pigeon, J. G. (1998). Protocols and pilot studies: Taking data collection projects seriously. Journal of Statistics Education 6 (1).
Slovic, P., Fischhoff, P., and Lichtenstein, S. (1982). Facts versus fears: Understanding perceived risk. In Judgment Under Uncertainty: Heuristics and Biases, ed. D. Kahneman, P. Slovic, and A. Tversky, 463-489. Cambridge University Press.

Smith, G. (1997). Do statistics test scores regress to the mean? Chance 10 (4), 42-45.
Snyder, J., with Herskowitz, M., and Perkins, S. (1975). Jimmy the Greek, by Himself. Chicago: Playboy.
Sprent, P. (1988). Taking Risks: The Science of Uncertainty. London: Penguin.
StataCorp (2000). Stata Statistical Software: Release 7.0. College Station, Tex.: Stata Corporation.
Stern, H. S. (1997). How accurately can sports outcomes be predicted? Chance 10 (4), 19-23.
Stern, H. S. (1998a). Best-of-seven playoff series. Chance 11 (2), 46-49.
Stern, H. S. (1998b). How accurate are the posted odds? Chance 11 (4), 17-21.
Stigler, S. (1986). The History of Statistics: The Measurement of Uncertainty Before 1900. Harvard University Press.
Stilgoe, J. R. (1998). Outside Lies Magic: Regaining History and Awareness in Everyday Places. New York: Walker.
Tanur, J. M., Mosteller, F., Kruskal, W. H., Link, R. F., Pieters, R. S., and Rising, G. R. (1972). Statistics: A Guide to the Unknown. New York: HoldenDay. Third edition (1989). Belmont, Calif.: Wadsworth.
Tenenbaum, L. S., Anderson, M. K., and Yourick, D. L. (2014). An innovative near-peer mentoring model for undergraduate and secondary students: STEM focus. Innovative Higher Education 39, 375-385.
Thaler, R. H. (1992). The Winner's Curse: Paradoxes and Anomalies of Economic Life. New York: Free Press.
Thissen, D., and Wainer, H. (2001). Test Scoring. Hillsdale, N.J.: Lawrence Erlbaum Associates.
Tollefson, S. (1988). Encouraging student writing. Office of Educational Development, University of California, Berkeley.
Tufte, E. R. (1983). The Visual Display of Quantitative Information. Cheshire, Conn.: Graphics Press.
Tversky, A., and Kahneman, D. (1982). Evidential impact of base rates. In Judgment Under Uncertainty: Heuristics and Biases, ed. D. Kahneman, P. Slovic, and A. Tversky, 153-160. Cambridge University Press.
U.S. Census Bureau (2000). World population information. www. census.gov/ipc/www
U.S. Department of Agriculture (1995). Continuing survey of food intakes by individuals and diet and health knowledge survey.
U.S. Department of Commerce (annual). Statistical Abstract of the United States. Washington, D.C.: Government Printing Office.
U.S. Surgeon General's Office (1964). Reducing the health consequences of smoking. www.cdc.gov/tobacco/sgrpage.htm
Utts, J. M., and Heckard, R. F. (2001). Mind on Statistics. Pacific Grove, Calif.: Duxbury.
Vardeman, S. B., and VanValkenburg, E. S. (1999). Two-way random-effects analyses and gauge R\&R studies. Technometrics 41, 202-211.

Victor, B. (2012). Learnable programming: Designing a programming system for understanding programs. http://worrydream.com/ LearnableProgramming/.
Wainer, H. (1983). Pyramid power: Searching for an error in test scoring with 830,000 helpers. American Statistician 37, 87-91.
Wainer, H. (1984). How to display data badly. American Statistician 38, 137147.

Wainer, H. (1997). Visual Revelations. New York: Springer-Verlag.
Wainer, H. (1999). The most dangerous profession: A note on nonsampling error. Psychological Methods 4, 250-256.
Wainer, H., Njue, C., and Palmer, S. (2000). Assessing time trends in sex differences in swimming and running (with discussion). Chance 13 (1), 10-21.
Wainer, H., Palmer, S., and Bradlow, E. T. (1998). A selection of selection anomalies. Chance 11 (2), 3-7.
Wallman, K. K. (1993). Enhancing statistical literacy: Enriching our society. Journal of the American Statistical Association 88, 1-8.
Watson, S. R., and Buede, D. M. (1987). Decision Synthesis: The Principles and Practice of Decision Analysis. Cambridge University Press.
Weinberg, S. L., and Abramowitz, S. K. (2000). Making general principles come alive in the classroom using an active case studies approach. Journal of Statistical Education 8 (2).
Wetzel, N. (2001). Three sisters give birth on the same day. Chance 14 (2), 23-25.
Whitehead, B. D., and Popenoe, D. (2001). The State of Our Unions. National Marriage Project. http://nationalmarriageproject.org/report-type/ state-of-our-unions-2/
Whitney, R. E., and Urquhart, N. S. (1990). Microcomputers in the mathematical sciences: Effects on courses, students, and instructors. Academic Computing 4, 14.
Wilkinson, L. (2005). The Grammar of Graphics. New York: Springer-Verlag.
Williams, D. (1991). Probability with Martingales. Cambridge University Press.
Wright, R., and Boggs, J. (2002). Learning cell biology as a team: A project-based approach to upper-division cell biology. Cell Biology Education 1, 145-153.
Yellin, J. M. H., Turns, J., and Getahun, B. (2005). How early is too early to start teaching? Teaching portfolios as a training tool for undergraduate instructors. Proceedings of the 2005 American Society for Engineering Education Annual Conference \& Exposition. American Society for Engineering Education.

