

Ron S. Kenett**Books, Chapters and Publications in International Journals**

<u>Area</u>	<u># of publications</u>
BIOM: Biomathematics	2
BIOS: Biostatistics	20
CONT: Contingency Tables	5
DM: Data Mining	4
DOE: Design of Experiments	9
MM: Multivariate Methods	5
OD: Organizational Development	6
QM: Quality Management	5
RM: Risk Management	3
SEQ: Sequential Procedures	4
SM: Stochastic Models	3
SQM: Software Quality Management	5
STAT: General Statistical Methods	13
SURV: Surveys	5

- BIOM "Shapes of Velocity Curves in Multiunit Enzyme Kinetic Systems" (with S. Karlin), *Mathematical Biosciences*, 52, pp. 97-115, 1980.
- BIOM "Variable Spatial Selection with Two Stages of Migration and Comparisons Between Different Timings" (with S. Karlin), *Theoretical Population Biology*, 11, pp. 386-409, 1977.
- BIOS "Analysis of Biochemical Genetic Data on Jewish Populations: II. Results and Interpretations Heterogeneity Indices and Distance Measures with Respect to Standards" (with S. Karlin and B. Bonne), *American Journal of Human Genetics*, 31, pp. 341-365, 1979.
- BIOS "The Relationship Between HLA Antigens and Bermuda Grass Hayfever" (with C. Geller, R. Zamir, S. Karlin and M. Sela), *Immunogenetics*, 7, pp. 259-264, 1978.
- BIOS "Genetic Markers: Benign and Normal Traits of the Ashkenazi Population in Israel" (with B. Bonne and S. Ashbel) in *Genetic Diseases in Ashkenazi Jews*, eds.: R. Goodman and A. Motulsky, Raven Press, New York, pp. 59-76, 1979.
- BIOS "Quality by Design Applications in Biosimilar Technological Products" (with D. Kenett), *ACQUAL, Accreditation and Quality Assurance*, Springer Verlag, Vol. 13, No 12, pp. 681-690, 2008.
- BIOS "Analysis of Biochemical Genetic Data on Jewish Populations: I. Historical Background, Demographic Features and Genetic Markers" (with S. Karlin and B. Bonne), *American Journal of Human Genetics*, 31, pp. 324-340, 1979.
- BIOS "Atopic Babies with Wheezy Bronchitis" (with C. Geller, L. Weisglass, S. Tsur, M. Lahav and S. Levin), *Allergy*, 42, pp. 85-91, 1987.
- BIOS "Bioassay of Kinship in Populations of Middle Eastern Origin" (with N. Morton, S. Yee and R. Lew), *Current Anthropology*, 23, pp. 157-167, 1982.
- BIOS "IgA, IgG, IgM, and IgE Levels in Normal, Healthy, Non-atopic Israeli Children" (with C. Geller, T. Barsky, S. Tsur, M. Lahav and S. Levin), *Annals of Allergy*, 61, pp. 296-299, 1988.
- BIOS "Survey of Immunoglobulin E Levels in Atopic Families in Israel" (with C. Geller, L. Weisglass, N. Keret, R. Dun, A. Bejerano, M. Lahav and Michael Sela), *Israel Journal of Medical Science*, 20, pp. 1133-1137, 1984.
- BIOS "Survey of Immunoglobulin Levels in Atopic Families" (with C. Geller, N. Keret, A. Bejerano, B. Reisman, S. Tsur and Michael Sela), *Asian Pacific Journal of Allergy and Immunology*, 2, pp. 181-185, 1984.
- BIOS "Aerobiology as a Tool for Prevention of Hay Fever" (with C. Geller-Bernstein, N. Keynan, A. Shomer-Ilan and Y. Waisel), *Grana*, 30, pp. 76-78, 1991.
- BIOS "Aerobiology in the prevention of Allergy" (with C. Geller-Bernstein and Y. Waisel), in *Clinical Applications of Aerobiology*, The UCB Institute of Allergy, Syed Tariq, Editor, pp. 69-75, April 1996.
- BIOS "Allergies in immigrants" (with C. Geller), *European Journal of Allergy and Clin. Immunol.*, 36, 8, pp. 313-316, 2004.
- BIOS "Does Skin Prick Test Correlate with Basophil-Associated Mite-Specific IgE in Atopic Children?" (with M. Iancovici-Kidon, C. Geller-Bernstein, G. Dwin, A. Licht and I. Pecht), *J. Invest Allergol Clin Immunol*, 13, pp. 73-75, 2003.
- BIOS "Hepatic infarctions during pregnancy are associated with the antiphospholipid syndrome and in addition with complete or incomplete HELLP syndrome" (with R. Pazuener, M. Dulitzki, H. Carp, H. Mayan, Z. Farfel and A. Many), *Journal of Trombosis and Haemostasis*, 1, pp. 1758-1763, 2003.
- BIOS "Is it 'bad hygiene' to inhale pollen in early life?" (with C. Geller-Bernstein, C. Lahoz, B. Cardaba, G. Hassoun, M. Iancovici-Kidon, Y. Waisel), *Allergy*, 57, Suppl. 71, 2002.
- BIOS "Low molecular weight heparin and warfarin in the treatment of patients with Antiphospholipid Syndrome during pregnancy" (with Rachel Pazuener, Mordechai Dulitzki, Pnina Langevitz, Avi Livneh, Amira Many), *Tromb. Haemost.*, 86, pp. 1379-84, 2001.
- BIOS "Pollen Allergy in Israel" (with C. Geller-Bernstein, G. Hassoun, C. Lahoz, M. Iancovici-Kidon, Y. Waisel), *Pediatric Pulmonology*, Supplement 23:46-47, 2001.
- BIOS "Heritability of IgA levels in atopic families" (with C. Geller-Bernstein, R. Kenett, S. Tsur, L. Weissglas, A. Bejerano, M. Lahav and M. Sela), *Abstr. XII Cong. Eur. Acad. Allerg. Clin. Imm.*, Rome, Sept. 25-30, 1983, *Folia Allergologica et Immunologica Clinica*, 30, Suppl. 4, 105, 1983.

- BIOS "Low immunoglobulin A in atopic families" (with C. Geller-Bernstein, N. Keret, A. Bejerano, S. Tsur, L. Weissglass, M. Lahav and M. Sela), *Abst. 15 Meeting Israel Immunol. Soc.*, Tel Aviv, p. 70, 1984.
- CONT "A Test for Detecting Outlying Cells in the Multinomial Distribution and Two-Way Contingency Tables" (with C. Fuchs), *Journal of the American Statistical Association*, 75, pp. 395-398, 1980.
- CONT "Making Sense Out of Two Pareto Charts", *Quality Progress*, pp. 71-74, May 1994.
- CONT "On an Exploratory Analysis of Contingency Tables" *The Statistician*, 32, pp. 395-403, 1983.
- CONT "Two Methods for Comparing Pareto Charts", *Journal of Quality Technology*, 23, pp. 27-31, 1991.
- CONT "Pareto Charts Analysis", Motorola University Press, 1998.
- DM "Relative Linkage Disequilibrium Applications to Aircraft Accidents and Operational Risks" (with S. Salini). *Transactions on Machine Learning and Data Mining*, Vol.1, No 2, pp. 83-96, 2008.
- DM "Relative Linkage Disequilibrium: A new measure for association rules" (with S. Salini). In: P. Perner (Ed.), *Advances in Data Mining: Medial Applications, E-Commerce, Marketing, and Theoretical Aspects, ICDM 2008*, Leipzig, Germany, July, 2008. Lecture Notes in Computer Science, Springer Verlag, Volume 5077, 2008.
- DM "Applying Case Based Reasoning Approach in analyzing Organizational Change Management Data" (with O. Raphaeli and J. Zahavi), In: P. Perner (Ed.), *Advances in Data Mining: Applications in Image Mining, Medicine and Biotechnology, Management and Environmental Control, and Telecommunications, 4th Industrial Conference on Data Mining, ICDM 2004*, Leipzig, Germany, July 4 -7, 2004. Lecture Notes in Computer Science, Springer Verlag, Volume 3275, 2004.
- DM "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini), *Journal of Applied Statistics*, 2009.
- DOE "Robust design using computer experiments" (with D. Steinberg, R. Bates and H. Wynn), *Progress in Industrial Mathematic at, ECMI 2004, the European Consortium for mathematics in Industry*, A. Di Bucchianico, R. Matheij and M. Peletier editors, Mathematics in Industry 8, Springer Verlag, pp. 564-568, 2005.
- DOE "Achieving Robust Design from Computer Simulations" (with D. Steinberg, R. Bates and H. Wynn), *Quality Technology and Quantitative Management*, Vol. 3, No. 2, pp. 161-177, 2006.
- DOE "Going Beyond Main-Effect Plots" (with B. Vogel), *Quality Progress*, pp. 71-73, February 1991.
- DOE "Some Experiences Teaching Factorial Designs in Introductory Statistics Courses" (with D. Steinberg), *Journal of Applied Statistics*, 14, pp. 219-228, 1987.
- DOE "Bootstrap analysis of designed experiments" (with E. Rahav and D. Steinberg), *Quality and Reliability Engineering International*, Vol. 22, pp. 659-667, 2006.
- DOE "New Frontiers in Design of Experiments" (with D. Steinberg), *Quality Progress*, pp. 61-65, August 2006.
- DOE *A Guide to Advanced Quality Engineering Techniques* (in Hebrew with D. Steinberg) Publication of the Israeli Society for Quality Control, 1989. Second revised and expanded edition, 1995.
- DOE "Factorial Experiments" (with D. Steinberg) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- DOE "Response Surface Methodology" (with D. Steinberg) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007. edited by J. Juran, Quality Press, 1995.
- MM "Appraisal of Ceramic Substrates by Multivariate Tolerance Regions" (with C. Fuchs), *The Statistician*, 37, pp. 401-411, 1988.
- MM "Multivariate Capability Indices" (with C. Fuchs) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- MM "Statistical Process Control, Multivariate" (with C. Fuchs) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- MM. "Multivariate Tolerance Regions and F-tests" (with C. Fuchs), *Journal of Quality Technology*, 19, pp. 122-131, 1987.

- OD "Improving enterprise system support - a case-based approach" (with P. Wognum, J. Krabbendam, H. Buhl and X. Ma), *Advanced Engineering Informatics*, Volume 18, Issue 4, pp. 241-253, October 2004.
- OD "Process Performance Appraisal Systems: A Working Substitute to Individual Performance Appraisal " (with D. Waldman and S. Graves), *Total Quality Management*, 5, 5, pp. 267- 280, 1994.
- OD "Improve Performance by Appraisal" (with D. Waldman), *Human Resources Magazine*, pp. 66-69, July 1990.
- OD "The use of simulation to improve the effectiveness of training in performance management" (with D. Rachman-Moore), *Journal of Management Education*, Vol. 30, No. 3, pp. 455-476, June 2006.
- OD *A New Generation of Performance Appraisal Systems Compatible with Total Quality Management* (in Hebrew with E. Barak), OB Consulting publications, 1989.
- OD "Process Performance, Appraisal and Employee Development Planning" (with M. Maisel) in *The Handbook of Total Quality Management*, edited by C. Madu, Kluwer Academic Publishers, 1998.
- QM "The Global Village of Quality" (with S. Graves), *Quality Progress*, pp. 93, June 1998.
- QM "A proposal for managing and engineering knowledge of stochastics in the quality movement" (with M. Ramalhoto and J. Shade), *Safety and Reliability*, ESREL2003, T. Bedford and P. van Gelder editors, Balkema publishers, July 2003.
- QM "Joseph M. Juran, a perspective on past contributions and future impact" (with B. Godfrey), *Quality and Reliability Engineering International*, Vol. 23, pp. 653-663, 2007.
- QM "The International Quality Manager" (with D. Albert), *Quality Progress*, pp. 45-51, July 2001.
- QM Management for Quality in Ancient Israel in *A History of Management for Quality*,
- RM "Multivariate Methods in Enterprise System Implementation, Risk Management and Change Management" (with O. Raphaeli), *International Journal of Risk Assessment and Management*, Vol. 9, 3, pp. 258-276, 2008.
- RM "The Role of Change Management in IT Systems Implementation" (with S. Lombardo) in *Handbook of Enterprise Systems Architecture in Practice*, A Book Edited by Dr. Pallab Saha, National University of Singapore, Singapore, Idea Group Inc., 2007.
- RM "Quality, Risk and the Taleb Quadrants" (with C. Tapiero), *Risk and Decision Analysis*, 2009 http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1433490
- SEQ "A Semi-Parametric Approach to Testing for Reliability Growth with an Application to Software Systems" (with M. Pollak), *IEEE Transactions on Reliability*, Vol. R-35, 3, pp. 304-311, 1986.
- SEQ "Data-Analytic Aspects of the Shirayev-Roberts Control Chart: Surveillance of a Non-homogeneous Poisson Process" (with M. Pollak), *Journal of Applied Statistics*, 1, 23, pp. 125-137, 1996.
- SEQ "On Sequential Detection of a Shift in the Probability of a Rare Event" (with M. Pollak), *Journal of the American Statistical Association*, 78, pp. 389-395, 1983.
- SEQ "Process Tracking of Time Series with Change Points", (with S. Zacks), *Recent Advances in Statistics and Probability*, J. Vilaplana and M. Puri (eds), pp. 155-171, 1994.
- SM "Controlling the usability of web services" (with A. Harel and F. Ruggeri), *International Journal of Software Engineering and Knowledge Engineering*, World Scientific Publishing Company, 2009.
- SM "The Impact of Defects on a Process with Rework" (with S. Agnihotri), *European Journal of Operations Research*, 80, pp. 308-327, 1995.
- SM Modeling Web Usability Diagnostics on the basis of Usage Statistics (with A. Harel and F. Ruggeri) in *Statistical Methods in eCommerce Research*, W. Jank and G. Shmueli (editors), Wiley, 2008.
- Software, edited by G. Schulmeyer and J. McManus, Van Nostrand- Reinholt, 1992.
- SQM "A Process Management Approach to Software Quality Assurance" (with S. Koenig), *Quality Progress*, pp. 66-70, November 1988.
- SQM "Assessing Software development and Inspection Errors", *Quality Progress*, pp. 109-112, October 1994 with correction in issue of February 1995.
- SQM "Software Failure Data Analysis" in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- SQM "Understanding the Software Process" in *Total Quality Management for Software*, edited by G. Schulmeyer and J. McManus, Van Nostrand- Reinholt, 1992.

- STAT "Aspects of statistical consulting not taught by academia" (with P. Thyregod), *Statistica Neerlandica, special issue on Industrial Statistics*, 60, 3, pp. 396-412, August 2006.
- STAT "From Data to Information to Knowledge", *Six Sigma Forum Magazine*, pp. 32-33, November 2008.
- STAT "Statistical Efficiency: The Practical Perspective" (with S. Coleman and D. Stewardson), *Quality and Reliability Engineering International*, 19, pp. 265-272, July-August 2003.
- STAT "Cause and Effect Diagrams" in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- STAT "Comments on Sampling and Bayes' Inference in Scientific Modeling and Robustness by G. Box", *Journal of the Royal Statistical Society, Series A*, 143, 4, pp. 421-422, 1980.
- STAT "Management Statistics" (with I. Irena Ograjenšek), in *Statistical Practice in Business and Industry*, Coleman, S., Greenfield, T., Stewardson, D. and Montgomery, D. (editors), Wiley, 2008.
- STAT "Missing Data and Imputation" (with C. Fuchs) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- STAT "Practical Statistical Efficiency" in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), Wiley, 2007.
- STAT. "The Statistical Efficiency Conjecture" (with A. de Frenne, X. Tort-Martorell and C. McCollin), in *Statistical Practice in Business and Industry*, Coleman, S., Greenfield, T., Stewardson, D. and Montgomery, D. (editors), Wiley, 2008.
- STAT "Discussion of Post-Financial Meltdown: What Do the Services Industries Need From Us Now? by Roger Hoerl and Ron Snee" *Applied Stochastic Models in Business and Industry*, 2009.
- SURV "On the Planning and Design of Sample Surveys", *Journal of Applied Statistics*, Vol. 33, No. 4, 405-415, May 2006.
- SURV "Customer Retention: The Key to Success in Unstable Economic Times" (in Hebrew with Rina Fainstein) in *Researchers Speak: Market Research and its application in the Israeli Market* edited by O. Kaplan, Globes Business Publishing, 2003, 2nd edition 2008.
- SURV "Customer Surveys: Why and How" (in Hebrew) in *Surveys: Some Good, Some Less* edited by S. Bar-Lev and C. Fuchs, Hakibbutz Hameuchad Publishing House Ltd. And Haifa University press, 1998.
- SURV. "New Frontiers in Survey Data Analysis" (with S. Salini), *Quality Progress*, , pp. 31-36, 2009.
- SURV "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini), *Journal of Applied Statistics*, 2009.

Books:

- STAT *Modern Industrial Statistics: Design and Control of Quality and Reliability* (with S. Zacks), Duxbury Press, San Francisco, 1998, Spanish edition 2000, 2nd paperback edition 2002, Chinese edition 2004.
- MM *Multivariate Quality Control: Theory and Applications* (with C. Fuchs), Marcel Dekker Inc., New York, 1998.
- SQM *Software Process Quality: Management and Control* (with E. Baker), Marcel Dekker Inc., New York, 1999, Taylor and Francis, Kindle Edition, 2007.
- STAT *Modern Statistics: A Computer Based Approach* (with S. Zacks), Brook/Cole, Pacific Grove, CA 2001.
- STAT *The Encyclopedia of Statistics in Quality and Reliability* (Editor in Chief, with F. Ruggeri and F. Faltin), John Wiley and Sons, 2007, online Wiley InterScience, 2008.

