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Birth date: October 20<sup>th</sup>, 1950, Place of birth: Zurich, Switzerland  
Languages: Fluent in Hebrew, French and English, some Italian.

**Interests and expertise:**

- o Statistical Methods and Applications of Statistics
- o Strategic Planning and Quality Management
- o Data Mining and Risk Management
- o Statistical Process Control and Design of Experiments
- o Change Management and Organizational Development
- o Software Quality and Software Reliability
- o Biostatistics, Biomathematics and Clinical Trials

Founding member of the Association for Compositional Analysis (2015)

President of the European Network for Business and industrial Statistics (2005-2006)

President of the Israel Statistical Association (2011-2013)

Member of the Public Advisory Council for Statistics Israel (2011-).

Member of the Executive Academic Council, Wingate Academic College (2013-).

**Positions held in academia:**

- o Visiting Professor, Institute for Drug Research, Hebrew University, Jerusalem, Israel (2013-)
- o Professeur de Statistique et Informatique Décisionnelle, Université Paris Descartes, France (2013-14)
- o Research Professor, Department of Statistics and Applied Mathematics, Univ. of Turin, Italy (2002-)
- o International Professor, Centre for Finance and Risk Engineering, NYU, New York, USA (2008-)
- o Visiting Professor, Faculty of Economics, University of Ljubljana, Ljubljana, Slovenia (2009-)
- o Adjunct Full Professor, Bar Ilan University, Tel Aviv, Israel (2006-2009)
- o Adjunct Full Professor, The Weizmann Institute of Science, Rehovot, Israel (2000-2001)
- o Adjunct Full Professor, Tel-Aviv University (1993 - 2000).
- o Full Professor, State University of New York, School of Management, Binghamton, NY (1989 - 93).
- o Assoc Professor, State University of New York, School of Management, Binghamton, NY (1987-89).
- o Adjunct Associate Professor, Tel-Aviv University (1982-1990).
- o Adjunct Associate Professor, The Technion, Faculty of Industrial Engineering (1986).
- o Adjunct Assistant Professor, Rutgers University, Department of Statistics (1981).
- o Lecturer, University of Wisconsin-Madison, Department of Statistics (1978-1980).
- o Visiting Scholar, Stanford University, Department of Mathematics (1975).

**Positions held in business and industry:**

- o Founder, Chairman and CEO, *the KPA Group*, [www.kpa-group.com](http://www.kpa-group.com) (2008-present).
- o Founder, Chairman and CEO, *KPA Ltd.*, (1990-present).
- o Founder and CEO, the Takeoff start-up accelerator, (1997-present).
- o Founder, Babylon Ltd., (1997).
- o Member of the Board, Inatas Ltd., (2012-2014).
- o Member of the Board, DPharm Ltd., (2010-2012).
- o Member of the Board, Optimata Ltd., (2009-2015).
- o Member of the Scientific Board. 2i3T, Biotechnology Park, UNITO, (2008-2013).
- o Member of the Board, Ergolight Ltd., (1999-2003).
- o Member of the Board, Israel Business Generator Ltd. (1996-2002).
- o Director of Statistical Methods, Tadiran Telecommunications Group (1981-1990).
- o Member of Technical Staff, Bell Laboratories, New Jersey (1980-1981).

**Education:**

1978 - Ph.D. in Mathematics. Weizmann Institute of Science, Rehovot, Israel

Thesis supervisor: Professor Sam Karlin, Department of Mathematics Stanford University, Stanford, California, USA. Thesis topic: *Studies in Enzyme Kinetics*, a mathematical analysis of velocity curves used to characterize enzyme kinetic properties using stochastic modeling and total positivity.

1974 - B.Sc. in Mathematics with a major in Statistics. Imperial College of Science and Technology, London University (First Class Honors).

1968 - French Baccalauréat (Mathématiques) Mention Bien, Lycée Chateaubriand, Rome, Italy.

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**Refereed Publications****Statistical Methods / Quality Management:**

1. "A Test for Detecting Outlying Cells in the Multinomial Distribution and Two-Way Contingency Tables" (with C. Fuchs), *Journal of the American Statistical Association*, Vol. 75, pp. 395-398, 1980.
2. "Comments Sampling and Bayes' Inference in Scientific Modeling and Robustness by G. Box", *Journal of the Royal Statistical Society*, Series A, Vol. 143, No. 4, pp. 421-422, 1980.
3. "On Sequential Detection of a Shift in the Probability of a Rare Event" (with M. Pollak), *Journal of the American Statistical Association*, Vol. 78, pp. 389-395, 1983.
4. "On an Exploratory Analysis of Contingency Tables" *Journal of the Royal Statistical Society*, Series D, Vol. 32, pp. 395-403, 1983.
5. "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, No. 3, pp. 304-311, 1986.
6. "Multivariate Tolerance Regions and F-tests" (with C. Fuchs), *Journal of Quality Technology*, Vol. 19, pp. 122-131, 1987.
7. "Some Experiences Teaching Factorial Designs in Introductory Statistics Courses" (with D. Steinberg), *Journal of Applied Statistics*, Vol. 14, pp. 219-228, 1987.
8. "A Process Management Approach to Software Quality Assurance" (with S. Koenig), *Quality Progress*, pp. 66-70, November 1988.
9. "Appraisal of Ceramic Substrates by Multivariate Tolerance Regions" (with C. Fuchs), *Journal of the Royal Statistical Society*, Series D, Vol. 37, pp. 401-411, 1988.
10. "Improve Performance by Appraisal" (with D. Waldman), *Human Resources Magazine*, pp. 66-69, July 1990.
11. "Two Methods for Comparing Pareto Charts", *Journal of Quality Technology*, Vol. 23, pp. 27-31, 1991.
12. "Going Beyond Main-Effect Plots" (with B. Vogel), *Quality Progress*, pp. 71-73, February 1991.
13. "Making Sense Out of Two Pareto Charts", *Quality Progress*, pp. 71-74, May 1994.
14. "Process Tracking of Time Series with Change Points", (with S. Zacks), Vilaplana, J. Pérez (ed.) et al., *Recent advances in statistics and probability*. Proceedings of the 4th international meeting of statistics in the Basque Country, San Sebastián, Spain, 4-7 August, 1992. Utrecht: VSP, pp. 155-171, 1994.
15. "Process Performance Appraisal Systems: A Working Substitute to Individual Performance Appraisal " (with D. Waldman and S. Graves), *Total Quality Management*, Vol. 5, No. 5, pp. 267- 280, 1994.
16. "Assessing Software Development and Inspection Errors", *Quality Progress*, pp. 109-112, October 1994, with correction in issue of February 1995.
17. "The Impact of Defects on a Process with Rework" (with S. Agnihotri), *European Journal of Operations Research*, Vol. 80, pp. 308-327, 1995.

18. "Data-Analytic Aspects of the Shirayev-Roberts Control Chart: Surveillance of a Non-homogeneous Poisson Process" (with M. Pollak), *Journal of Applied Statistics*, Vol. 1, No. 23, pp. 125- 137, 1996.
19. "The Global Village of Quality" (with S. Graves), *Quality Progress*, pp. 93, June 1998.
20. "The International Quality Manager" (with D. Albert), *Quality Progress*, pp. 45-51, July 2001.
21. "Statistical Efficiency: The Practical Perspective" (with S. Coleman and D. Stewardson), *Quality and Reliability Engineering International*, Vol. 19, No. 4, pp. 265-272, July-August 2003.
22. "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.
23. "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, Vol. 3275, 2004.
24. "Improving enterprise system support - a case-based approach" (with P. Wognum, J. Krabbendam, H. Buhl and X. Ma), *Advanced Engineering Informatics*, Vol. 18, No. 4, pp. 241-253, October 2004.
25. "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. Mattheij and M. Peletier editors, Mathematics in Industry 8, Springer Verlag, pp. 564-568, 2005.
26. "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. [http://web.it.nctu.edu.tw/qtqm/qtqmpapers/2006V3N2/2006V3N2\\_F3.pdf](http://web.it.nctu.edu.tw/qtqm/qtqmpapers/2006V3N2/2006V3N2_F3.pdf)
27. "The use of simulation to improve the effectiveness of training in performance management" (with D. Rachman-Moore), *J. of Management Education*, 30, No. 3, pp. 455-476, June 2006.
28. "Aspects of statistical consulting not taught by academia" (with P. Thyregod), *Statistica Neerlandica*, special issue on Industrial Statistics, Vol. 60, No. 3, pp. 396-412, August 2006.
29. "New Frontiers in Design of Experiments" (with D. Steinberg), *Quality Progress*, pp. 61-65, August 2006.
30. "Bootstrap analysis of designed experiments" (with E. Rahav and D. Steinberg), *Quality and Reliability Engineering International*, Vol. 22, pp. 659-667, 2006.
31. "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.
32. "Multivariate Methods in Enterprise System Implementation, Risk Management and Change Management" (with O. Raphaeli), *International Journal of Risk Assessment and Management*, Vol. 9, No. 3, pp. 258-276, 2008.
33. "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, Vol. 5077, 2008.

34. "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.
35. "Relative Linkage Disequilibrium Applications to Aircraft Accidents and Operational Risks" (with S. Salini). *Trans. on Machine Learning and Data Mining*, Vol.1, No 2, pp. 83-96, 2008.
36. "From Data to Information to Knowledge", *Six Sigma Forum Magazine*, pp. 32-33, Nov 2008.
37. "New Frontiers: Bayesian networks give insight into survey-data analysis" (with S. Salini), *Quality Progress*, Vol. 42, No. 8, pp. 31-36, 2009.
38. "Controlling the Usability of Web Services" (with A. Harel and F. Ruggeri), *International Journal of Software Engineering and Knowledge Engineering*, World Scientific Publishing Company, Vol. 19, No. 5, pp. 627-651, 2009.
39. "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini), *Journal of Applied Statistics*, Vol. 36, No. 11, pp. 1177-1189, 2009.
40. "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*, Vol. 25, pp. 527-531, 2009.
41. "Quality by Design Applications to Analytical Methods in the Pharmaceutical Industry" (with D. Kenett), *Advanced Mathematical and Computational Tools in Metrology and Testing VIII, Series on Advances in Mathematics for Applied Sciences*, Vol. 78, World Scientific Publishing Company, pp. 183-194, 2009.
42. "By Design", *Six Sigma Forum Magazine*, pp. 27-29, November 2009.
43. "Quality, Risk and the Taleb Quadrants" (with C. Tapiero), <http://ssrn.com/abstract=1433490>, *Risk and Decision Analysis*, Vol. 1, No. 4, pp. 231-246, 2010.
44. "Introduction to the Special Issue on Non Standard Analysis of Customer Satisfaction Survey Data", *Quality Technology and Quantitative Management*, Vol. 7, No.1, p. i, 2010. [http://www.cc.nctu.edu.tw/~qtqm/qtqmpapers/2010V7N1/2010V7N1\\_Intro.pdf](http://www.cc.nctu.edu.tw/~qtqm/qtqmpapers/2010V7N1/2010V7N1_Intro.pdf)
45. "Integrating Operational and Financial Risk Assessments" (with S. Figini and S. Salini). *Quality and Reliability Engineering International*, Vol. 26, No. 8, pp. 887-897, 2010. <http://services.bepress.com/unimi/statistics/art48>
46. "The 5C model: A New approach to Asset Integrity Management" (with Y. Rahim and Ingbjørn Refsdal), *International Journal of Pressure Vessels and Piping*, Volume 87, Issues 2-3, pp. 88-93, February-March 2010.
47. "Conceptual thinking and metrology concepts" (with U. Shafir), *ACQUAL, Accreditation and Quality Assurance*, Vol. 15, No. 10, pp. 585-590, Springer Verlag, 2010.
48. "Recognizing opportunities", *Six Sigma Forum Magazine*, pp. 27-29, February 2011.
49. "Managing Risks with Data", *The European Financial Review*, pp. 54-48, March 2011.
50. "Measurement uncertainty in quantitative chimerism monitoring after stem cell transplantation" (with D. Koltai and D. Kristt) in *New Perspectives in Statistical Modeling and Data Analysis: Proceedings of the 7th Conference of the Classification and Data Analysis Group of the Data Analysis, and Knowledge Organization*, Ingrassia, Rocci and Vichi (editors), Springer Verlag, 2011.

51. "Site Seeing: new approach helps to assess risk throughout an organization" (with L. Yu, E. Urkin, S. Lum and R. Ben Jacob), *Quality Progress*, pp. 16-25, September 2011.
52. "Modern Analysis of Customer Surveys: comparison of models and integrated analysis", with discussion (with Silvia Salini), *Applied Stochastic Models in Business and Industry*, 27, pp. 465-475, 2011.
53. "Modeling Opportunities for Statisticians Supporting Quality by Design Efforts for Pharmaceutical Development and Manufacturing" (with J. Peterson), *Biopharmaceutical Report, American Statistical Association Publication, ASA*, Vol. 18, No. 2, pp. 6-16, 2011. [http://www.amstat.org/sections/sbiop/BiopharmReport/2011\\_Fall\\_BR.pdf](http://www.amstat.org/sections/sbiop/BiopharmReport/2011_Fall_BR.pdf)
54. "Introduction to the Special Issue in Honor of Professor Shelemyahu Zacks" (with W. Stadje), *Quality Technology and Quantitative Management*, Vol. 9, No.1, pp. 1-2, 2011. [http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2012V9N1/2012V9N1\\_F0.pdf](http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2012V9N1/2012V9N1_F0.pdf)
55. "Discussion of *The COM-Poisson Model for Count Data: A Survey of Methods and Applications* by K. Sellers, S. Borle and G. Shmueli", *Applied Stochastic Models in Business and Industry*, Vol. 28, pp. 117-121, 2012.
56. "Risk Assessment and Adaptive Group Testing of Semantic Web Services" (with X. Bai and W. Yu), *International Journal of Software Engineering and Knowledge Engineering*, 22 (5), pp. 595-620, 2012. <http://www.worldscientific.com/toc/ijseke/22/05>
57. "On Assessing the Performance of Sequential Procedures for Detecting a Change" (with M. Pollak), *Quality and Reliability Engineering International*, 28, pp. 500-507, 2012.
58. "Israele. Lo studio di un caso di gestione integrata della sanità" (with Y. Lavi, R. Corradetti, G. Fraser, R. Balicer, D. Erlich and Y. Niv), *Monitor*, Trimestrale dell' Agenzia nazionale per i servizi sanitari regionali, XI (30), pp. 69-82, 2012. [http://www.agenas.it/agenas\\_pdf/Monitor%2030.pdf](http://www.agenas.it/agenas_pdf/Monitor%2030.pdf)
59. "Hedging Instruments in Conventional and Islamic Finance" (with M. Zahan), *Journal of Applied Statistical Analysis: Decision Support Systems and Services*, Vol. 3, No.1, pp. 59-74, 2012. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/article/view/11306/11158](http://siba-ese.unisalento.it/index.php/ejasa_dss/article/view/11306/11158)
60. "Industrial Statistics Applications in the Semiconductors Industry: Some Examples" (with S. Zacks), *Applied Stochastic Models in Business and Industry*, 29, pp. 319-333, 2013.
61. "Modeling and Forecasting Energy Consumption in the Manufacturing Industry in South Asia" (with M. Zahan), *International Journal of Energy Economics and Policy*, Vol. 3, No.1, pp. 87-98, 2013. <http://www.econjournals.com/index.php/ijeep/article/view/358/211>
62. "Applications of Bayesian Networks", 2013. <http://ssrn.com/abstract=2172713>
63. "A Note on the Theory of Applied Statistics", 2013. <http://ssrn.com/abstract=2171179>
64. "Managing Risks with Data", 2013. <http://ssrn.com/abstract=2315556>
65. "Implementing SCRUM using Business Process Management and Pattern Analysis Methodologies", *Dynamic Relationships Management Journal*, Vol. 2, No. 2, pp. 29-48, 2013. <http://www.sam-d.si/Upload/Articles/DRMJv02n02a03.pdf>
66. "Comparative price forecast model of conventional and Islamic bank stock price listed in London stock exchange" (with M. Zahan), *Journal of Applied Statistical Analysis: Decision Support Systems and Services*, Vol. 4, No.1, pp. 33-46, 2013. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/article/download/11750/12029](http://siba-ese.unisalento.it/index.php/ejasa_dss/article/download/11750/12029)

67. "Integrated Management Principles and their Application to Healthcare Systems" (with Y. Lavi), *Sinergie*, Vol. 93, No 1, pp. 213-239, 2014.  
<http://www.sinergiejournal.it/rivista/index.php/sinergie/article/view/928/703>
68. "On Information Quality" (with G. Shmueli), *Journal of the Royal Statistical Society, Series A* (with discussion), Vol. 177, No. 1, pp. 3-38, 2014. <http://ssrn.com/abstract=1464444>.
69. "Editorial to the 2014 ENBIS-SFdS Spring Meeting special issue on "Graphical Causality Models: Trees, Bayesian Networks and Big Data" (with J.M. Poggi and A. Pasanisi), *Quality Technology and Quantitative Management*, Vol. 11, No.1, pp. 1-2, 2014.  
[http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2014V11N1/2014V11N1\\_Editorial.pdf](http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2014V11N1/2014V11N1_Editorial.pdf)
70. "A Layered Approach to Managing Risks in OSS Projects" (with X. Franch, F. Mancinelli, A. Susi, D. Ameller, R. Ben-Jacob and A. Siena) in *Open Source Software: Mobile Open Source Technologies*, Springer, pp. 168-171, 2014.
71. "Bayesian Network Applications to Customer Surveys and InfoQ" (with F. Cugnata and S. Salini), *Procedia Economics and Finance*, Vol. 17, pp. 3-9, 2014.  
<http://www.sciencedirect.com/science/article/pii/S2212567114008715>
72. "Risk Based Testing of Open Source Software (OSS)" (with I. Yahav and X. Bai). In *Leveraging Applications of Formal Methods, Verification and Validation. Specialized Techniques and Applications*, Lecture Notes in Computer Science Volume 8803, pp 309-321, 2014.
73. "The RISCOSS Platform for Risk Management in Open Source Software Adoption" (with X. Franch, Xavier; F. Mancinelli, A. Susi, D. Ameller, R. Ben-Jacob and A. Siena) in *Open Source Software: Mobile Open Source Technologies*, Springer, 2015.
74. "Statistics: A Life Cycle View" *Quality Engineering* (with discussion), Vol. 27, No.1, pp. 111-129, 2015. <http://ssrn.com/abstract=2315556>
75. "From Quality to Information Quality in Official Statistics", *Journal of Official Statistics*, 2015. <http://ssrn.com/abstract=2425216>
76. "Foreword to the special issue on actual impact and future perspectives on stochastic modelling in business and industry (with G. Shmueli), *Applied Stochastic Models in Business and Industry*, Vol. 31, pp 1-2, 2015  
<http://onlinelibrary.wiley.com/doi/10.1002/asmb.v31.1/issuetoc>
77. "Clarifying the terminology that describes scientific reproducibility" (with G. Shmueli), *Nature Methods*, Vol. 12(8), p 699, August 2015.
78. "On Generating High InfoQ with Bayesian Networks", *Quality Technology and Quantitative Management*, in press.
79. "Bayesian Networks: Robustness and Sensitivity Issues" (with F. Cugnata and S. Salini) *Journal of Quality Technology*, submitted.
80. "Helping Reviewers Ask the Right Questions: The InfoQ Framework for Reviewing Applied Research" (with G. Shmueli), *American Statistician*, submitted.

#### **Biomathematics / Biostatistics:**

1. "Variable Spatial Selection with Two Stages of Migration and Comparisons Between Different Timings" (with S. Karlin), *Theoretical Population Biology*, 11, pp. 386-409, 1977.



2. "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.
3. "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.
4. "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.
5. "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.
6. "Shapes of Velocity Curves in Multiunit Enzyme Kinetic Systems" (with S. Karlin), *Mathematical Biosciences*, 52, pp. 97-115, 1980.
7. "Bioassay of Kinship in Populations of Middle Eastern Origin" (with N. Morton, S. Yee and R. Lew), *Current Anthropology*, 23, pp. 157-167, 1982.
8. "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.
9. "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.
10. "Survey of Immunoglobulin E Levels in Atopic Families in Israel" (with C. Geller, L. Weissglass, N. Keret, R. Dun, A. Bejerano, M. Lahav and M. Sela), *Israel Journal of Medical Science*, 20, pp. 1133-1137, 1984.
11. "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.
12. "Atopic Babies with Wheezy Bronchitis" (with C. Geller, L. Weissglass, S. Tsur, M. Lahav and S. Levin), *Allergy*, 42, pp. 85-91, 1987.
13. "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.
14. "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.
15. "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.
16. "Pollen Allergy in Israel" (with C. Geller-Bernstein, G. Hassoun, C. Lahoz, M. Iancovici-Kidon, Y. Waisel), *Pediatric Pulmonology*, Supplement 23:46-47, 2001.
17. "Low molecular weight heparin and warfarin in the treatment of patients with Antiphospholipid Syndrome during pregnancy" (with Rachel Pazner, Mordechai Dulitzki, Pnina Langevitz, Avi Livneh, Amira Many), *Tromb. Haemost*, 86, pp. 1379-84, 2001.

18. "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.
19. "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.
20. "Hepatic infarctions during pregnancy are associated with the antiphospholipid syndrome and in addition with complete or incomplete HELLP syndrome" (with R. Pauzner, M. Dulitzki, H. Carp, H. Mayan, Z. Farfel and A. Many), *Journal of Trombosis and Haemostasis*, 1, pp. 1758-1763, 2003.
21. "Allergies in immigrants" (with C. Geller), *European Journal of Allergy and Clin. Immunol*, 36, 8, pp. 313-316, 2004.
22. "Measurement uncertainty in quantitative chimerism monitoring after stem cell transplantation" (with D. Koltai and D. Kristt) in *New Perspectives in Statistical Modeling and Data Analysis*, I., Salvatore; Rocci, R.; Vichi, M. (Eds.), Springer, 2010.
23. "Defensive medicine in colonoscopy: Analysis of 7-year physician-reported adverse events" (with Y. Niv , Y. Gershtansky, Y. Tal and S. Birkenfeld), *European Journal of Gastroenterology & Hepatology*, 23, 6, pp. 492-8., 2011.
24. "Complications in endoscopic retrograde cholangiopancreatography (ERCP) and endoscopic ultrasound (EUS): analysis of 7-year physician-reported adverse events" (with Y. Niv , Y. Gershtansky, Y. Tal and S. Birkenfeld), *Drug, Healthcare and Patient Safety*, 3, pp. 21-25, 2011.
25. "Analysis of 7-year physician-reported adverse events in esophago-gastro-duodenoscopy (EGD)" (with Y. Niv , Y. Gershtansky, Y. Tal and S. Birkenfeld), *Journal of Patient Safety*, 8(2), pp. 65-8, 2012.
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27. "Ce3/4+ Cation-Functionalized Maghemite Nanoparticles Towards siRNA-Mediated Gene Silencing" (with JP Lellouche, L Israel, E Lellouche, O Green and S Michaeli), *Journal of Materials Chemistry B*, pp. 6215 – 6225, 2014.
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29. "Pediatric Anesthesia Emergence Delirium after Elective Ambulatory Surgery: Etiology, Risk Factors and Prevalence" (in Hebrew with A. Gololobov, L. Todris, Y. Berman, Z. Rosenberg-Gilad, P. Schlaeffer, R Ben-Jacob and E. Segal) *Harefua*, 4, pp. 236-239, 2015.
30. "The Mentoring Process – An Additional Dimentions in Medical Residency " (in Hebrew with A. Fishman and T. Biron) *Harefua*, 2015.
31. "A multifactorial analysis of complex pharmaceutical platforms: an application of design of experiments (DoE) to targetable polyacrylamide and ultrasound contrast agents" (with M. Bloch, L. Jablonowski, M. Wheatley, E. Yavin and A. Rubinstein) *Polymers for Advanced Technologies*, 2015. DOI: 10.1002/pat.3531
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3. "Resolving a Crisis in the Manufacturing of Microcircuit Devices with a Designed Experiment" (in Hebrew), *Eihut*, Journal of the Israeli Society for Quality Control, pp. 1-4, March 1988.
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7. "Excellence Through Quality" (in Hebrew), *Nihul*, Journal of the Israeli Management Centre, p. 7, February 1991.
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9. "Israeli Top Managers Benchmark Israeli Management with TQM Criteria", (in Hebrew with J. Preminger), *Eihut*, pp. 10-12, March 1993.
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16. "Human Resources Planning and Development with Competency Models" (in Hebrew with M. Meisel and Mia Cohen-Jacobs), *Mashabei Enosh*, 107, pp. 6-13, November 1996.
17. "Improvement Projects of Israeli Software Development Processes" (in Hebrew), *Kesher Haeihut*, 27, pp. 16, August 1998.
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19. "Improving Customer Loyalty: The key to business success" (in Hebrew with R. Fainstein), *Kesher Haeihut*, 39, pp. 15-17, November 2001.
20. "Choosing between Strategic Alternatives using Financial Indices" (in Hebrew with A. Ziv), *Kesher Haeihut*, 40-41, pp. 10-13, March 2002.
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22. "Tightening the Belt: Principles and Tools for Managing a Lean Environment" (in Hebrew with M. Miller), *Kesher Haeihut*, 42-43, pp. 11-18, July 2002.
23. "CRM and Knowledge Management" (in Hebrew with M. Hacoheh-Jacobs), *Kesher Haeihut*, 42-43, pp. 4-7, July 2002.
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31. **Bayesian Networks Applied to Customer Surveys** (with G. Perruca and S. Salini) in *Modern Analysis of Customer Surveys* (edited volume with S. Salini as co-editor), John Wiley and Sons, 2011.
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13. "Analysis of Factorial Designs with Main Effects and Interactions Plots" (with B. Vogel), Proc. of the 9th International Quality Conference, Jerusalem, November 1992.
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16. "Setting Up the Software Development Management Dashboard: A case study in software product and process improvement", Proc. of the 3rd National Quality Conference, Tel Aviv, November 1995.

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66. "Data driven improvements in the K-12 educational system in Jerusalem" (with B. Nemet, Y. Lutafy, A.Sela, S. Rosenberg, T. Freund, S. Rainders and Y. Suchmacher). Proc. of the 9<sup>th</sup> National Quality Conference, Tel Aviv, November 2007.
67. "Managing Integrated Models: A new role for the Corporate Quality Manager". Proc. of the 9<sup>th</sup> National Quality Conference, Tel Aviv, November 2007.
68. "Drug Development Strategy: The interface between QbD and statistical methods" (with Y. Stark). Global Pharmaceutical Conference Practical Application of QbD in Accelerated Development: Laboratory, Quality and Regulatory Considerations, Frankfurt, Germany, April, 2-4<sup>th</sup>, 2008.
69. "Operational usability assessment using web statistics" (with A. Harel). Proc. of the 15th Industrial Engineering and Management Conference, Tel Aviv, March 19<sup>th</sup>, 2008.
70. "On Health Care and the Number of Physicians" Keynote presentation at the Annual Conference of the European Forum of Medical Associations (EFMA), Tel Aviv, April 10<sup>th</sup>, 2008.
71. "Quality by Design Applications to Analytical Methods in the Pharmaceutical Industry" (with D. Kenett), Keynote presentation at the Conference on Advanced Mathematical and Computational Tools in Metrology and Testing AMCTM2008, ENS Cashan, Paris, June 2008.
72. "Advances in Operational Risk Management: Results from the MUSING project on combining semantic and quantitative data in risk assessment" (with Y. Raanan). Proc. of the ISBIS-2008 International Symposium on Business and Industrial Statistics, Prague, Czech Republic, July 4<sup>th</sup>, 2008.
73. "Relative Linkage Disequilibrium: A new measure for association rules" (with S. Salini). Proc. of the 8th Industrial Conference on Data Mining, ICDM 2008, Leipzig, Germany, July 16 -18<sup>th</sup>, 2008.
74. "Relative Linkage Disequilibrium: An intersection between evolution, algebraic statistics, text mining and contingency tables" (with S. Salini). Mathematical explorations in contemporary Statistics, dedicated to Giovanni Pistone on occasion of his sixth-fifth birthday, Sestri Levante, Italy, May 19-20<sup>th</sup>, 2008.
75. "Using Risk Assessment Matrices in Ranking Projects and Modifications in the Petroleum Industry" (with Y. Rahim), Modeling and Analysis of Safety and Risk in Complex Systems (MASR - 2008), Saint-Petersburg, Russia, June 24 - 28<sup>th</sup>, 2008.
76. "Decision support for user interface design: Usability diagnosis by time analysis of the user activity" (with A. Harel and F. Ruggeri). Proc. of the 32nd Annual IEEE International Computer Software and Applications Conference (COMPSAC), Turku, Finland, July 28 - August 1<sup>st</sup>, 2008.
77. "Statistical Aspects of Quality by Design (QbD) Applications to Analytical Methods in the Process Industries" (with S. Coleman). Royal Statistical Society Annual Conference, Nottingham, UK, September 2008.
78. "Six Sigma: The Great Debate". Royal Statistical Society Annual Conference, Nottingham, UK, September 2008.
79. "On Applications of the Relative Linkage Disequilibrium" (with S. Salini). European Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
80. "Advances in Operational Risk Management: Statistical aspects of the MUSING project on combining semantic and quantitative data in risk assessment" (with Y. Raanan). European

- Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
81. "Factors affecting the near miss reporting" (with Y. Rahim). European Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
  82. "User Interface Diagnosis by Statistics of the User Activity in Service Oriented Architectures" (with A. Harel). Proc. of the 5<sup>th</sup> Annual Israeli National Conference on Systems Engineering, INCOSE, Herzlia, March 2<sup>nd</sup>, 2009.
  83. "Quality by Design Approach in Biopharmaceutical Products" (with D. Kenett). Challenges in Global Product Development: Developing Rugged and Robust Products, Processes and Specifications, Bar Ilan University and University of Wisconsin - School of Pharmacy, Tel Aviv, April 2<sup>nd</sup>, 2009.
  84. "Integrated Management: The New Challenge of Quality Management" Proc. of the 2<sup>nd</sup> Annual Quality Conference in Upper Galilee, Ort Braude College, Carmiel, Israel, May 26<sup>th</sup>, 2009.
  85. "Quality, Risk and the Taleb Quadrants" (with C. Tapiero). Proc. of the Quality and Productivity Research Conference (QPRC), Yorktown Heights, NY, June 3 - 5<sup>th</sup>, 2009.
  86. "Quality by Design Applications in the Pharmaceutical Industry", Quality by Design: Linking Production and Development in High Tech Manufacturing, JMP-SAS Conference, Manchester, U.K., June 18<sup>th</sup>, 2009.
  87. "The 5C model: A New approach to Asset Integrity Management" (with Y. Rahim and Ingbjørn Refsdal), The 3rd Summer Safety & Reliability Seminars SSARS 2009, Gdansk, Poland, July 19 - 25<sup>th</sup>, 2009.
  88. "Risk-Based Adaptive Group Testing of Web Services" (with X. Bai). Proc of the 33rd Annual IEEE International Computer Software and Applications Conference (COMPSAC), Seattle, USA, July 20 - 24<sup>th</sup>, 2009.
  89. "Measurement uncertainty in quantitative chimerism monitoring after stem cell transplantation" (with D. Koltai and D. Kristt). CLADAG 2009, Seventh Scientific Meeting of the CLAssification and Data Analysis Group of the Italian Statistical Society, Università di Catania, Italy, September 9-11<sup>th</sup>, 2009.
  90. "Integrating Operational and Financial Risk Assessments" (with S. Figini and P. Giudici). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
  91. "Challenges in estimating the cost and burden of occupation accidents" (with Y. Rahim). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
  92. "The CIM Index: Measuring the Impact of Creativity and Innovation Programs" (with S. Lombardo). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
  93. "An Analysis of Statistical Efficiency" (with C. McCollin, S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
  94. "Can Research Processes be Improved: An attempt at making graduate education more effective and more efficient" (with S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.

95. "Quality, Risk and Operations Management: The Integration". Proc. of the International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management (SMRLO10), Beer Sheva, Israel, February 8-11th, 2010.
96. "Patterns and characterization of accidents and incidents reported in oil and gas industry in Norway (with Y. Rahim), The 4th Summer Safety & Reliability Seminars SSARS 2010, Sopot, Poland, June 20 - 26<sup>th</sup>, 2010.
97. "The Evidence Based Management of Learning: Diagnosis and development of conceptual thinking with Meaning Equivalence Learning Objects (MERLO)" (with M. Etkind and U. Shafir), The 8th International Conference on Teaching Statistics (ICOTS8), Ljubljana, Slovenia, July 11-16th, 2010.
98. "Relative Linkage Disequilibrium in tracking Web search patterns" (with S. Salini). GfKi-CLADAG 2010, Eighth Scientific Meeting of the CLAssification and Data Analysis Group of the Italian Statistical Society, Firenze, Italy, September 8-10<sup>th</sup>, 2010.
99. "On Quality Research: An application of InfoQ to the PhD research process" (with S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Tenth Annual Conference on Business and Industrial Statistics, Antwerp, Belgium, September 12-16<sup>th</sup>, 2010.
100. "Optimal scaling for risk assessment: merging of operational and financial data" (with S. Figini and S. Salini). European Network for Business and Industrial Statistics (ENBIS) Tenth Annual Conference on Business and Industrial Statistics, Antwerp, Belgium, September 12-16<sup>th</sup>, 2010.
101. "Statistical methods for scaling up blending process with simulation platforms", 76<sup>th</sup> meeting of the Israel Chemical Society, Tel-Aviv, Feb 9-10<sup>th</sup>, 2010
102. "Managing risks with data", ENBIS-DEINDE, Torino, Italy, March 17-18<sup>th</sup>, 2011.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2355474](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2355474)
103. "Statistics as a Profession", Statistica in Azienda, Torino, Italy, March 16<sup>th</sup>, 2011.
104. "Managing risks with data", Annual Meeting of the Israel Statistical Association, Tel Aviv, May 25<sup>th</sup>, 2011.
105. "Multivariate Statistical Process Control: an introduction", Workshop on Statistical Methods in Microelectronics, Catholic University, Milan, Italy, June 13<sup>th</sup>, 2011.
106. "The ABC Survey Data Analysis: A Comparison of Methods" (with S. Salini), Workshop on Modern Analysis of Customer Satisfaction Surveys, University of Milan, Milan, Italy, June 14<sup>th</sup>, 2011.
107. "Future Directions of Software Cybernetics: A Position Paper". Proc. of the 35<sup>th</sup>. Annual IEEE International Computer Software and Applications Conference (COMPSAC), Munich, Germany, July 18 – 21<sup>st</sup>, 2011.
108. "On Assessing performance of Sequential Procedures" (with M. Pollak). European Network for Business and Industrial Statistics (ENBIS) Eleventh Annual Conference on Business and Industrial Statistics, Coimbra, Portugal, September 4-8<sup>th</sup>, 2011.
109. "Designing and Deploying a Healthcare Professional Service: A Case Study in Integrated Healthcare Management" (with Y. Lavi, R. Corradetti, G. Fraser, R. Balicer, D. Erlich and Y. Niv), European Network for Business and Industrial Statistics (ENBIS) Eleventh Annual Conference on Business and Industrial Statistics, Coimbra, Portugal, September 4-8<sup>th</sup>, 2011.
110. "Applications of Bayesian Networks to Small, Mid-size and Massive Data and an introduction to FuturICT", The Future Internet Technology Colloquium, Tsinghua University, Beijing, China, April 19<sup>th</sup>, 2012.

111. "Risk Management in In Vitro In Vivo Correlation (IVIVC)", (with S. Guzy), The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, Jerusalem, June 6-7<sup>th</sup>, 2012.
112. "Adaptive Designs in Clinical Trials as a New Paradigm", The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, June 6-7<sup>th</sup>, 2012.
113. "Applications of Bayesian Networks to Small, Mid-size and Massive Data", (with A. Gruber and I. Ben Gal), The sixth International Workshop on Applied Probability – IWAP 2012, Jerusalem, June 11-14<sup>th</sup>, 2012
114. "Applications of Bayesian Networks to Operational Risks, Healthcare, Biotechnology and Customer Surveys", 22nd Colombian Statistics Symposium, The National University of Colombia, Bucaramanga, Columbia, July 17-22<sup>nd</sup>, 2012.
115. "Do you want to make an impact with quantitative methods? Make sure you generate high InfoQ", 15<sup>th</sup> Toulon-Verona Conference on Excellence in Services, College of Management, Rishon Lezion, Israel, September 3-5<sup>th</sup>, 2012.
116. "Applications of Bayesian Networks", European Network for Business and Industrial Statistics (ENBIS) Twelfth Annual Conference on Business and Industrial Statistics, Ljubljana, Slovenia, September 9-13<sup>th</sup>, 2012.
117. "Applied Bayesian Networks", Financial Engineering Seminar, NYU-Poly, New York, September 25<sup>th</sup>, 2012.
118. "Integrating Operational and Financial Risks", The 6<sup>th</sup> IsENBIS conference, Tel Aviv University, October 21<sup>st</sup>, 2012.
119. "Applications of Bayesian Networks to Operational Risks, Healthcare, Biotechnology and Customer Surveys", De Castro Statistics Initiative Seminar, Collegio Carlo Alberto, Turin, November 16<sup>th</sup>, 2012. <http://www.carloalberto.org/events/seminars/statistics/show/ron-s-kenett-kpa-ltd-israel>
120. "On Statistical Thinking and the future of Quality" (in Hebrew), Open University ISQ joint Meeting, Raanana, December 2<sup>nd</sup>, 2012. [http://www.youtube.com/watch?v=WnW0lJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp\\_video](http://www.youtube.com/watch?v=WnW0lJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp_video)
121. "QbD in Bone Marrow Transplant", Conference on *Quality by Design in Stem Cell Transplantation: Rational translation from bench to bed*, The School of Pharmacy Institute for Drug Research, The Hebrew University, Jerusalem, May 1<sup>st</sup>, 2013.
122. "Do you want to make an impact with quantitative methods? Make sure you generate high InfoQ" Annual Quality Conference, Ostrava, Czech Republic, May 14-15<sup>th</sup>, 2013.
123. "Process Improvement and CMMI for Systems and Software", Software Quality and Testing Industry Academia Symposium, Beer Sheba, May 28<sup>th</sup>, 2013.
124. "On doing fine work in statistics", [Tel Aviv University Statistics Seminar](#), May 28<sup>th</sup>, 2013.
125. "On Generating High InfoQ with Bayesian Networks", RSS Journal Club, June 13<sup>th</sup>, 2013. <http://www.rss.org.uk/site/cms/contentEventViewEvent.asp?chapter=9&e=1543>
126. "Applications of Bayesian Networks to Big Data with open source implications" (with M. Ashcroft), The EU-China HPC Cloud and Big Data Wks, Stavanger, Norway, June 21<sup>th</sup>, 2013. <http://euchina2013.uis.no/index.php/program>

127. "An Introduction to Web Usability" A special workshop organized by the Israel Standards Institute and the Israel Internet on the occasion of the new Israeli accessibility and usability standards, Open University, Raanana, Israel, July 10<sup>th</sup>, 2013.  
<http://www.youtube.com/embed/cOnGn7wfsS8?rel=0>
128. "Managing Risk in Open Source Software Adoption" (with X. Franch et al), ICSOFT2013, 8<sup>th</sup> Intern. Joint Conference on Software technologies, Reykjavik, Iceland, July 29-31<sup>st</sup>, 2013  
[riscoss.sites.ow2.org/bin/download/Events/WebHome/ICSOFT-EA\\_2013\\_78\\_PROCS.pdf](http://riscoss.sites.ow2.org/bin/download/Events/WebHome/ICSOFT-EA_2013_78_PROCS.pdf)
129. "On doing fine work in statistics", The 2013 Greenfield Medal Lecture, Royal Statistical Society Annual Conference, Newcastle, UK, September 4<sup>th</sup>, 2013.
130. "An Information Quality (InfoQ) Framework for Ex-Ante and Ex-Post Evaluation of Empirical Studies" (with G. Shmueli), IDAM2013, The 3rd International Workshop on Intelligent Data Analysis and Management, Garden Villa, Kaohsiung, Taiwan, September 9-13<sup>th</sup>, 2013.
131. "Financial and Risk Applications of InfoQ", Topfer Chair Lecture Series, NYU, New York, September 24<sup>th</sup>, 2013.  
[http://www.poly.edu/sites/polyproto.poly.edu/files/topfer\\_lecture\\_series%20Fall%202013.pdf](http://www.poly.edu/sites/polyproto.poly.edu/files/topfer_lecture_series%20Fall%202013.pdf)
132. "On Information Quality (InfoQ)" Bar Ilan School of Business Administration Seminar, October 22<sup>nd</sup>, 2013. <http://mba.biu.ac.il/en/node/1365#!>
133. "Bayesian Network Applications to Customer Surveys" (with F. Cugnata and S. Salini), IES 2013 - Innovazione e società Innovation and Society 2013, Metodi statistici per la valutazione, Milan, December 9-10<sup>th</sup>, 2013.
134. "On Industrial Statistics and Information Quality", International Workshop on Higher Education, dedicated to statistical applications to technology and industry, Universitat de Vic, Spain, December 11<sup>th</sup>, 2013.
135. "Managing Risks with Data", UPC School of Industrial Engineering Seminar, Barcelona, Spain, December 12<sup>th</sup>, 2013.
136. "On the role of statistical thinking in quality management" (in Hebrew), Open University and Israel Standards Institute Conference, Raanana, Israel, December 18<sup>th</sup>, 2013.
137. "On Measurement, Standards, Information and Insights: The linking Thread", Open University Conference on Measurement Uncertainty, Raanana, Israel, January 6<sup>th</sup>, 2014.  
<http://www.openu.ac.il/Events/060114-eng.html>  
<https://www.youtube.com/watch?v=KwLoIoD62ZA&index=17&list=PLEMOEwdRMCamZE3yLFBD4OgBOyjRV4qyB>
138. "Field Experience of Measures in Systems Integration & Testing Phase using STAM Methodology" (with S. Assaraf), 54th Israel Annual Conference on Aerospace Sciences, February 19-20<sup>th</sup>, 2014.
139. "Statistics: A Life Cycle View", Second Hunter Research Conference, Phoenix, Arizona, March 11- 14<sup>th</sup>, 2014.
140. "Quantitative and Qualitative Aspects of Bayesian Networks: A General Approach for Integrating Expert Opinions and Structured Data", Séminaire Parisien de Statistique, Paris, France, April 7<sup>th</sup>, 2014. <https://sites.google.com/site/semstats/home/seance-du-7-avril-2014>
141. "On Generating High InfoQ with Bayesian Networks", ENBIS-SfdS, IHP, Paris, France, April 9-11<sup>th</sup>, 2014. <http://springmeeting2014.sfds.asso.fr/>



142. "On Information Quality (InfoQ) in Risk Management of Open Source Software (OSS)", SCECR 2014, statistical challenges in ecommerce research, Tel Aviv, Israel, June 12-13<sup>th</sup>, 2014. <http://scecr.org/scecr2014/program>
143. "Adoption of Free Libre Open Source Software (FLOSS): A Risk Management Perspective" (with X. Franch, A. Susi and N. Galanis). Proc. of the 38th Annual IEEE International Computer Software and Applications Conference (COMPSAC), Västerås, Sweden - July 21-25<sup>th</sup>, 2014.
144. "Risk Based Testing of Open Source Software (OSS)" (with X. Bai and I. Yahav). Proc. of the 38th Annual IEEE International Computer Software and Applications Conference (COMPSAC), Västerås, Sweden - July 21-25<sup>th</sup>, 2014.
145. "On information quality (InfoQ) of official and establishment statistics", Invited Session on Evaluating Quality of Official Statistics, Joint Statistical Meetings, Boston, MA, August 6<sup>th</sup>, 2014.
146. "On Generating High InfoQ with Bayesian Networks" Torino R Net, Turin, Italy, September 17, 2014. <http://torinor.net/events-2/eighth-torino-r-net-meeting>
147. "Bayesian Networks: "what if" sensitivity scenarios using R" (with F. Cugnata and S. Salini), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19, 2014.
148. "Integrated Models In Healthcare" (with Y. Lavi and R. Corradetti), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19, 2014.
149. "The application of concept science in the professional development of teachers of mathematics and statistics" (with F. Arzarello, O. Robutti and U. Shafir), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19, 2014.
150. "Official Statistics Data Integration to Enhance Information Quality" (with L. Dalla Valle), European Network for Business and Industrial Statistics (ENBIS) 14th Annual Conference on Business and Industrial Statistics, Linz, Austria, September 21- 25<sup>th</sup>, 2014.
151. "Teaching design of experiments: A 25 years retrospective" (with D. Steinberg), European Network for Business and Industrial Statistics (ENBIS) 14th Annual Conference on Business and Industrial Statistics, Linz, Austria, September 21- 25<sup>th</sup>, 2014.
152. "Risk Based Testing of Open Source Software (OSS)" (with I. Yahav and X. Bai). Proc. of the 6th International Symposium On Leveraging Applications of Formal Methods, Verification and Validation, Corfu, Greece, 8-11<sup>th</sup> October 2014.
153. "Bayesian Networks: Robustness and issues" (with F. Cugnata and S. Salini), Workshop SUNOVA & SHAPE 2014, Statistics with UNObservable Variables Statistical models for HumAn Perception and Evaluation. Brescia, Italy, October 21<sup>st</sup>, 2014.
154. "On Information Quality (InfoQ) of Official and Establishment Statistics" Washington Statistical Society Seminars, Washington DC, November 3<sup>rd</sup>, 2014. <http://washstat.org/seminars/#20141103>
155. "Software testing analytics: Examples from the evaluation of an independent software testing organization and the design of dynamic web testing" George Washington University, Management Science Seminar, Washington DC, November 5<sup>th</sup>, 2014. [http://washstat.org/events/#gwu\\_20141105.html](http://washstat.org/events/#gwu_20141105.html)

156. "On increasing information quality (InfoQ) by calibration of official statistics" The 7th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2014), Pisa, Italy, December 7<sup>th</sup>, 2014. <http://www.cmstatistics.org/ERCIM2014>
157. "On information quality (InfoQ) in risk management" ISQ and isENBIS Quality leadership for competitive analysis symposium, Afeqa College, Tel Aviv, March 11<sup>th</sup>, 2015.
158. "On Bayesian networks and information quality (InfoQ)", Workshop on Bayesian Networks. Brescia, Italy, May 18<sup>th</sup>, 2015. <http://www.unibs.it/eventi/workshop-bayesian-networks-work>
159. "On the Performance of Sequential Procedures for Detecting a Change and Information Quality" OSAp15, Optimal Stopping and Applications. Turin, Italy, May 22<sup>nd</sup>, 2015. <https://sites.google.com/site/workshoptimalstopping/home>
160. "Frequency vectors and contingency tables: A non-parametric and graphical analysis" CoDaWork 2015, the 6th international Workshop on Compositional Data analysis, L'Escala, Spain, June 1-5<sup>th</sup>, 2015.
161. "Formative assessment in statistical education massive online open courses (MOOC)" (with U. Shafir., F. Arzarello and O. Robutti), European Network for Business and Industrial Statistics (ENBIS) Spring Meeting, Barcelona, Spain, June 5<sup>th</sup>, 2015.
162. "Information quality and official statistics", INGRID expert workshop on local statistics for decision-making on well-being and vulnerability, Livorno, Italy, June 15-17<sup>th</sup>, 2015. <https://inclusivegrowth.be/events/call21>
163. "Advanced experimental strategy for achieving robustness in complex systems" (in Hebrew), Open University and Israel ENBIS Conference, Raanana, Israel, June 18<sup>th</sup>, 2015. [http://www.publicators.com/app/dms.asp?ms\\_id=14014](http://www.publicators.com/app/dms.asp?ms_id=14014)  
[https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3M0u\\_MQeP\\_0mWqpuu](https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3M0u_MQeP_0mWqpuu)
164. "Compositional Data (CoDa) methods in the analysis of customer surveys" (with Marina Vives-Mestres and J.A. Martín-Fernández) Conference in honor of Professor Corrado Gini, Padua, September 8<sup>th</sup> 2015.
165. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality (InfoQ)" Statistics Seminar, Binghamton University, Binghamton, New York, September 24<sup>th</sup> 2015. <https://www2.math.binghamton.edu/p/seminars/stat/09242015>
166. "Enhancing Information Quality via Official Statistics Data Integration" (with L. Dalla Valle) 8<sup>th</sup> International Conference of the ERCSIM WG on Computational and Methodological Statistics, CMStatistics2015, London, UK, December 12-14<sup>th</sup> 2015.

#### Software implementations:

- RLD, implemented in the *arules R Package*. June 11, 2008, Version 0.6-6, *Mining Association Rules and Frequent Itemsets* by Michael Hahsler, Christian Buchta, Bettina Gruen and Kurt Hornik.
- *mistat*, an R package providing all the data sets and statistical analysis of *Modern Industrial Statistics, with applications using R, MINITAB and JMP* by R.S. Kenett and S. Zacks with contributions by D. Amberti, John Wiley and Sons, 2013. <http://cran.r-project.org/web/packages/mistat/index.html>

#### Expert witness in Israeli courts:

Expert witness in litigations over performance and characteristics of systems and services. See for example IPI versus Haifa Municipality 30264/97.

**Memberships in professional societies, awards and listings in professional publications:**

- [Greenfield Medalist, Royal Statistical Society, 2013](#)
- President, Israel Statistical Association, 2011-2013
- Member of the Public Advisory Council for Statistics Israel, 2011-2013
- Member of the ASQ Brumbaugh Award Committee, 2007-2011
- President, the European Network for Business and Industrial Statistics, 2006-2007
- Fellow of the Royal Statistical Society
- Associate of the Royal College of Science
- Kaplan Prize, Israel Prime Minister Award for Excellence in Management, 1990
- Senior Member of the American Society for Quality Control
- Elected Member of the International Statistical Institute
- Listed in American Men and Women of Science, Who's Who in Science and Engineering and Baron's Who's Who in Banking and Finance

**Recorded interviews, lectures and television series:**

1. Interview with Dr J.M. Juran on the Occasion of the International Quality Conference in Jerusalem on 8 November 1994, *Quality and Reliability Engineering International*, Vol. 23, 651-652, 2007.
2. *Quality: Yesterday, Today and Tomorrow*, PBS & the International Institute for Learning, 10/1996
3. Aspects of statistical consulting not taught by academia, [KGCOE Distinguished Speaker](#), Rochester Institute of Technology, Rochester, New York, USA, October 5th 2006.
4. Panel discussion on *New Paradigms in Software Testing: Towards Solutions*, COMPSAC2009, <http://screencast.computer.org:8080/ess/echo/presentation/bbc7e441-215b-4915-840f-f95154421400/media.m4v>, 23/7/2009
5. Interview on Risk Management, *Quality Progress*, <http://media.asq.org/105422/web.mp3>, 9/2011.
6. Interview on Quality in Healthcare on Slovenian TV (starts at 34<sup>th</sup> minute), <http://tvsllo.si/predvajaj/studio-city/ava2.145911445/>, 17/9/2012.
7. *On Statistical Thinking and the future of Quality* (in Hebrew), Open University ISQ joint Meeting, [http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp\\_video](http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp_video), 2/12/2012.
8. *On the role of Industrial Statistics in Quality* (in Hebrew), Open University ISQ joint Meeting, [https://www.youtube.com/watch?v=gW6sn5VYcCU&list=PLEMOEwdRMCakCDdoGroVA\\_6nwLEQzqBL2](https://www.youtube.com/watch?v=gW6sn5VYcCU&list=PLEMOEwdRMCakCDdoGroVA_6nwLEQzqBL2), 21/3/2013.
9. *Panel on Industrial Statistics* (in Hebrew), Open University ISQ joint Meeting, [https://www.youtube.com/watch?v=sJxWbbMnSdI&list=PLEMOEwdRMCakCDdoGroVA\\_6nwLEQzqBL2&index=9](https://www.youtube.com/watch?v=sJxWbbMnSdI&list=PLEMOEwdRMCakCDdoGroVA_6nwLEQzqBL2&index=9), 21/3/2013.
10. Interview about the RISCOSS project: <http://www.riscoss.eu/bin/view/Interviews/RonSKenett>
11. Interview in Statistics Views: <http://www.statisticsviews.com/details/feature/4812131/For-survival-statistics-as-a-profession-needs-to-provide-added-value-to-fellow-s.html>
12. Royal Statistical Society Journal Club, *On Information Quality*, <http://www.rss.org.uk/site/cms/contentEventViewEvent.asp?chapter=9&e=1543>, 13/6/2013
13. *Introduction to Web usability* (in Hebrew), Open University SII joint Meeting, 16/7/2013 [www.sii.org.il/44-6215-he/SII.aspx?pos=1](http://www.sii.org.il/44-6215-he/SII.aspx?pos=1) <http://www.youtube.com/embed/cOnGn7wfsS8?rel=0>
14. *Statistically Speaking*, Weizmann Institute Alumni Newsletter, 23/7/2013 [http://www.publishers.com/app/dbrowse.asp?id=556606157\\_31053741&action=](http://www.publishers.com/app/dbrowse.asp?id=556606157_31053741&action=)
15. ASQ Stat Division webinar: *DoE in Practice: A review of basic and computer experiments using hands on simulators*, 20/12/2013. [https://www.youtube.com/watch?v=Zh5Q0BrZzaE&list=UU4n17\\_hcCHS\\_EMrfZpCj3iQ](https://www.youtube.com/watch?v=Zh5Q0BrZzaE&list=UU4n17_hcCHS_EMrfZpCj3iQ)
16. *On Measurement, Standards, Information and Insights: The Linking Thread*, Open University <https://www.youtube.com/watch?v=KwLoIoD62ZA&index=17&list=PLEMOEwdRMCamZE3yLFBD4OgBOyjRV4qyB>, 6/1/2014.
17. *New research suggests augmenting risk-management decision making with data — all kinds of data*. MIT Sloan Management Review, <http://newsle.com/article/0/124931460/> 19/2/2014
18. Article in Statistics Views on the ASMBI special issue: <http://www.statisticsviews.com/details/news/7508241/Free-special-issue-on-stochastic-modelling-in-business-and-industry.html> 26/2/2015.
19. Advanced experimental strategy for achieving robustness in complex systems. Open University and Israel ENBIS Conference, Raanana, Israel, June 18<sup>th</sup>, 2015. [https://www.youtube.com/watch?v=\\_VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3MOu\\_MQeP\\_0mWqpuu](https://www.youtube.com/watch?v=_VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3MOu_MQeP_0mWqpuu)

**Editorial activities:**

- o Applied Stochastic Models in Business and Industry, associate editor and special issue editor
- o Dynamic Relationships Management Journal, editor in chief, <http://www.sam-d.si/Drmj-editors.aspx>
- o Electronic Journal of Applied Statistical Analysis: Decision Support Systems and Services Evaluation, member of the editorial board. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/](http://siba-ese.unisalento.it/index.php/ejasa_dss/)
- o Journal of the Royal Statistical Society, Series A, past associate editor
- o QdS, Journal of Methodological and Applied Statistics, member of the editorial board, <http://quadernidistatistica.archicoop.it>
- o Quality Progress, past member of the editorial review board and editor of the World View column
- o Quality Technology and Quantitative Management, member of the advisory board, special issues editor and past editor in chief for Europe, <http://web.it.nctu.edu.tw/~qtqm/>
- o Statistica Applicata, Italian Journal of Applied Statistics, member of the advisory board and special issue editor. <http://sa-ijas.stat.unipd.it/editorial.html>
- o Statistics Views, editorial review panel, [www.statisticsviews.com/view/index.html](http://www.statisticsviews.com/view/index.html)
- o Transactions on Machine Learning and Data Mining, associate editor

**Reviewing activities:**

- o Academic Informing Science and Engineering (AISE), reviewer
- o Accreditation and Quality Assurance (ACQUAL), reviewer
- o Applied Mathematics, reviewer
- o Asian Journal of Economic Modelling, reviewer
- o Biotechnology Progress, reviewer
- o Colombian Journal of Statistics (CoJS), reviewer
- o Communications in Statistics, Theory and Methods, reviewer
- o Economic Research, reviewer
- o Engineering Applications of Artificial Intelligence, reviewer
- o European Journal of Industrial Engineering, reviewer
- o Evaluation Review, reviewer
- o ICT in Education, Research, and Industrial Application (ICTERI), reviewer
- o IEEE Computer Systems and Applications (COMPSAC), reviewer and conference organizer
- o IIE Transactions, reviewer
- o Industrial and Engineering Chemistry Research, reviewer
- o International Journal of Business, Economics and Management (IJBEM), reviewer
- o International Journal of Entrepreneurship and Innovation Management (IJEIM), reviewer
- o International Journal of Six Sigma and Competitive Advantage, reviewer
- o Journal of Applied Mathematics, reviewer
- o Journal of Applied Statistics, reviewer
- o Journal of Classification, reviewer
- o Journal of Immunology Research, reviewer
- o Journal of Quality Technology (JQT), reviewer
- o Journal of Statistical Planning and Inference, reviewer
- o Journal of the Royal Statistical Society (JRSS), Series C, reviewer
- o Journal of Transport Policy, reviewer
- o Journal of Zhejiang University-SCIENCE A, reviewer
- o Management Science, reviewer
- o Measurement, reviewer
- o Quality and Quantity, reviewer
- o Quality and Reliability Engineering International (QREI), reviewer, special issue editor
- o Quality Technology and Quantitative Management, reviewer, special issue editor
- o Risk Analysis, reviewer
- o Simulation Modeling, Practice and Theory, reviewer
- o Statistical Methods and Applications, reviewer
- o Statistics in Biopharmaceutical Research, reviewer
- o Software Quality Journal, reviewer
- o Systems, reviewer
- o Technometrics, reviewer

**Organization of Conferences (partial list):**

## COMPSAC Conferences

<http://conferences.computer.org/compsac/2009/index.html>  
<http://compsac-2012.cs.iastate.edu/programcommittee.php?y=1>  
<http://compsac-2012.cs.iastate.edu/programcommittee.php?y=3>  
[http://compsac.cs.iastate.edu/2013\\_programcommittee.php](http://compsac.cs.iastate.edu/2013_programcommittee.php)  
<http://compsac.cs.iastate.edu/wrmocc.php>  
<http://compsac.cs.iastate.edu/iwsc2014.php>

## ENBIS Spring Conferences

<http://web.econ.unito.it/deinde07/>  
<http://www.diegodecastro.it/eventi/deinde.pdf>  
[http://calvino.polito.it/enbis\\_deinde\\_2011/](http://calvino.polito.it/enbis_deinde_2011/)  
<http://springmeeting2014.sfds.asso.fr/>  
<http://torinoqcscs2.wordpress.com/scadenze/>

## Jerusalem Quality by Design in Pharma Conferences:

<http://ce.pharmacy.wisc.edu/courseinfo/archive/2012Israel>  
<http://www.kpa-group.com/en/about-kpa/about-kpa-1/news-and-events/StemCellQbDIntegratedWorkshop152013.pdf>  
<http://ce.pharmacy.wisc.edu/mod/coursepage/view.php?id=4008>  
<https://medicine.ekmd.huji.ac.il/schools/pharmacy/En/home/news/Pages/QbD2014.aspx>

**Partnership in European Research Framework Programs**

- FP4: ISPIN - Israel ESPINODE (European Software Process Improvement Node. ESSI Project No. 27340) <http://www.kpa-group.com/en/our-customers/our-customers-1/israel-espinode>
- FP4: ELEKTRA (ELEctrical Enterprise Knowledge for TRansforming Applications, ESPRIT Project No. 22927) <http://www.dsv.su.se/~danny/patternlibrary/links.html>
- FP5: TITOSIM (Time to market reduction via statistical information, Growth Project No. GRD1 – 2000 - 25724) <http://calvino.polito.it/titosim/>
- FP5: PRONACOM (A fundamental study of the Processing – structure – properties of Nanocomposites for industrial applications. Growth Project No. GRD1-2001-40359) [http://cordis.europa.eu/projects/rcn/61693\\_en.html](http://cordis.europa.eu/projects/rcn/61693_en.html)
- FP5: BEST (Better Enterprise SysTem implementation, IST Project No. IST-2001-35385) [http://cordis.europa.eu/projects/rcn/62868\\_en.html](http://cordis.europa.eu/projects/rcn/62868_en.html)
- FP5: Pro-ENBIS a thematic network precursor of ENBIS, the European Network for Business and Industrial Statistics. <http://www.enbis.org/>
- FP6: MUSING (MUlti-industry, Semantic-based next generation business INTelliGence. Project No. FP6-027097) [http://cordis.europa.eu/projects/rcn/79377\\_en.html](http://cordis.europa.eu/projects/rcn/79377_en.html)
- FP7: RISCOSS (Managing Risk and Costs in Open Source Software Adoption. Project No. FP7 318249) <http://www.riscoss.eu/>