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Samuel Neaman Institute : https://www.neaman.org.il/en/experts/ron-kenett/
Birth date: October 20th, 1950, *Place of birth*: Zurich, Switzerland
Languages: Fluent in Hebrew, French and English, some Italian.

Interests and expertise: Statistical Methods and Applications of Statistics, Strategic Planning and Quality Management, Data Mining and Risk Management, Statistical Process Control and Design of Experiments, Software Quality and System Reliability, Biostatistics and Clinical Trials.

- Chairman of the Israel Data Science Society at AEAI (2020-)
- Member of the Public Advisory Council for Statistics Israel (2011-).
- President of the Israel Statistical Association (2011-2013)
- President of the European Network for Business and industrial Statistics (2005-2006)
- Fellow of the Royal Statistical Society
- Elected member of the International Statistical Institute
- Founding member of the Association for Compositional Analysis
- Honorary member of the European Network for Business and Industrial Statistics

Positions in academia:
o Senior Research Fellow, Neaman Institute for National Policy Research, Technion, Israel (2017-)
o Research Professor, Economics, Statistics and Mathematics, University of Turin, Italy (2002-)
o Visiting Professor, Institute for Drug Research, Hebrew University, Jerusalem, Israel (2013-2018)
o Visiting Professor, Faculty of Economics, University of Ljubljana, Ljubljana, Slovenia (2009-2018)
o International Professor, Centre for Finance and Risk Engineering, NYU, New York, USA (2008-15)
o Visiting Professor, Statistique et Informatique Décisionnelle, Univ. Paris Descartes, France (2013-14)
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 (1989-1993)
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 (1974-1978)

Positions in business and industry:
o Founder, Chairman, KPA Ltd., www.kpa-group.com (1994-present).
o Founder, Babylon Ltd., https://www.babylon-software.com (1997-present).
o Member of the Advisory Board, Innoaging, www.innoaging.com (2018-2023).
o Member of the Advisory Board, Clickspree, www.clickspree.com (2016-2023).
o Member of the Advisory Board, Nutrisher, www.nutrisher.com (2016-2023).
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, USA.
1974 - B.Sc. in Mathematics with a major in Statistics. Imperial College of Science and Technology, London University (First Class Honors), UK.
1968 - French Baccalauréat (Mathématiques) Mention Bien, Lycée Chateaubriand, Rome, Italy.

Refereed Publications

Statistical Methods / Data Analytics / Applied Statistics:

1.   "A Test for Detecting Outlying Cells in the Multinomial Distribution and Two-Way Contingency Tables" (with C. Fuchs), *Journal of the American Statistical Associatio*n, Vol. 75, pp. 395-398, 1980.

2.   "Comments on 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*, 21(11), 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*, 24(2), pp. 71-73, February 1991.

13.   "Making Sense Out of Two Pareto Charts", *Quality Progress*, 27(5), 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 Managemen*t, Vol. 5, No. 5, pp. 267- 280, 1994.

16.   "Assessing Software Development and Inspection Errors", *Quality Progress*, 27(10), pp. 109-112, October 1994, with correction in issue of February 1995.

17.   "The Impact of Defects on a Process with Rework" (with S. Agnihothri), *European Journal of Operations Research*, Vol. 80, pp. 308-327, 1995.

18.   "Data-Analytic Aspects of the Shiryayev-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*, 31(6), pp. 93, June 1998.

20.   "The International Quality Manager" (with D. Albert), *Quality Progress*, 34(7). 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.

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 the Design of Experiments" (with D. Steinberg), *Quality Progress*, 39(8), 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, Word 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

45.   "Optimal Scaling for Risk Assessment: Merging of Operational and Financial Data" (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. Shafrir), *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*, 44(9), 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.

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

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. https://www.agenas.it/archivio-monitor-2012/362-monitor-n-30

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

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://sam-d.si/wp-content/uploads/2018/04/DRMJv02n02a03.pdf http://sam-d.si/en/revija/implementing-scrum-using-business-process-management-and-pattern-analysis-methodologies-2/

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

67. "Integrated Management Principles and their Application to Healthcare Systems" (with Y. Lavi), *Sinergie*, Vol. 93, No 1, pp. 213-239, 2014. https://ojs.sijm.it/index.php/sinergie/article/view/169

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

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, 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. "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

76. "Clarifying the terminology that describes scientific reproducibility" (with G. Shmueli), *Nature Methods*, Vol. 12, No. 8, p 699, https://t.co/8xKf8taw0C?amp=1 August 2015.

77. "Official Statistics Data Integration to Enhance Information Quality" (with L. Dalla Valle), *Quality and Reliability Engineering International*, Vol. 31, No. 7, pp. 1281-1300, https://core.ac.uk/download/pdf/80689400.pdf, 2015.

78. "On Generating High InfoQ with Bayesian Networks", *Quality Technology and Quantitative Management*, Vol. 13, No. 3, pp 309-332, http://www.tandfonline.com/doi/full/10.1080/16843703.2016.1189182 , 2016.

79. "Helping Authors and Reviewers Ask the Right Questions: The InfoQ Framework for Reviewing Applied Research" (with G. Shmueli), Journal of the International Association for Official Statistics (with discussion), Vol. 32, pp. 11-35, 2016.

80 "On the performance of sequential procedures for detecting a change, and Information Quality (InfoQ)." Applied Mathematics in Engineering and Reliability: Proceedings of the 1st International Conference on Applied Mathematics in Engineering and Reliability (Ho Chi Minh City, Vietnam, 4-6 May 2016). CRC Press, 2016.

81. "Bayesian Networks: Robustness and Sensitivity Issues" (with F. Cugnata and S. Salini) *Journal of Quality Technology*, Vol. 48, No.3, pp. 253-264, 2016.

82. "From Quality to Information Quality in Official Statistics" (with G. Shmueli), *Journal of Official Statistics*, Vol. 32, No. 4, pp. 1-22, 2016. https://sciendo.com/article/10.1515/jos-2016-0045

83. "Compositional data methods in customer survey analysis" (with M. Vives-Mestres and J.A. Martín-Fernández), *Quality and Reliability Engineering International*, DOI: 10.1002/qre.2029, Vol. 32, No. 6, pp. 2115-2125, 2016.

84. "A structured overview on the use of computational simulators for teaching statistical methods" (with M. Seabra Reis), *Quality Engineering,* Vol. 29, No. 4. pp. 730-744. 2017.

85.   "Le attività MERLO nell'insegnamento e nell'apprendimento della matematica" (with F. Arzarello, P. Carante., O. Robutti and G. Trinchero) Induzioni. *Demografia, probabilità, statistica a scuola*, Vol. 51, pp. 51-70, 2016.

86.   "Recent Development on D-efficient Mixed-Level Foldover Designs for Screening Experiments (with Nam-Ky Nguyen and Tung-Dinh Pham), *Springer Handbook of Engineering Statistics,* 2nd edition, https://www.amazon.com/Springer-Handbook-Engineering-Statistics-Handbooks/dp/1447175026, 2023.

87.   "Bayesian networks: Theory, applications and sensitivity issues", *Encyclopedia with Semantic Computing and Robotic Intelligence*, World Scientific Press, 1(1), pp 1-13. http://www.worldscientific.com/doi/abs/10.1142/S2425038416300147, 2017.

88.   "The Information Quality Framework for Evaluating Data Science Programs" (with S. Coleman), *Encyclopedia with Semantic Computing and Robotic Intelligence*, World Scientific Press, 1 (2), pp. 125-138, 2017.

89.   "Experimental Learning Generate high information quality by comparing alternative experimental designs" (with Nam-Ky Nguyen), *Quality Progress*, 50(10), pp. 40-47, 2017.

90.   "Using dynamic Bayesian networks to model technical risk management efficiency" (with A. Halabi and L. Sacerdote), *Quality and Reliability Engineering International,* 33, pp. 1179–1196, 2017. https://doi.org/10.1002/qre.2186, http://onlinelibrary.wiley.com/doi/10.1002/qre.2186/abstract
.
91.   "Modeling the Relationship Between Reliability Assessment and Risk Predictors Using Bayesian Networks and a Multiple Logistic Regression Model" (with A. Halabi and L. Sacerdote), *Quality Engineering,* Vol. 30, No. 4, pp. 663-675, 2018. http://dx.doi.org/10.1080/08982112.2017.1368556

92.   "Quality of Information: a road map for applied data science", *The Voice of the System,* 21, pp 5.-21, 2018.

93.   "A road map for applied data sciences supporting sustainability in advanced manufacturing: the information quality dimensions" (with A. Zonnenshain and G. Fortuna), *Procedia Manufacturing,* 21, pp 141-148, 2016. https://www.sciencedirect.com/science/article/pii/S2351978918301392

94.   "Statistics in Sports" (with P. Zuccolotto and M. Manisera,), *Electronic Journal of Applied Statistical Analysis,* Vol 10, No. 3, 2017. http://siba-ese.unisalento.it/files/ejasa/editoriale.pdf

95.   "Analytics as an Enabler of Advanced Manufacturing: A Critical Review of Tools and Applications" (with I. Yahav and A. Zonnenshain), 2017. https://ssrn.com/abstract=3003830

96.   "Election Polls – A Survey, Critique and Proposals (with D. Pfeffermann and D. Steinberg), *Annual Review of Statistics and its Application*, Volume 5, pp 1-24, 2018. http://www.annualreviews.org/doi/abs/10.1146/annurev-statistics-031017-100204

97.   "Social Media Big Data Integration: A New Approach Based on Calibration" (with L. Dalla Valle), *Expert Systems with Applications*, 111, pp. 76–90, 2018. http://www.sciencedirect.com/science/article/pii/S0957417417308667

98.   "Pedagogy and learning wit MERLO" (in Hebrew, with F. Arzarello, O. Robutti, M. Etkind and U. Shafrir), *Research on Mathematical Education,* 6, pp 34-40, April 2018. http://www.shaanan.ac.il/wp-content/uploads/2018/04/6-erezrelorobotishafriretkindkanat.pdf

99.   "Assessing the Value of Information of Data-Centric Activities in the Chemical Processing Industry 4.0" (with M. Seabra Reis), AIcHe, *Process Systems Engineering*, Vol 64, No. 11, pp 3868-3881, 2018.

100.   "Discussion of article by Zwetsloot and Woodall: A review of some sampling and aggregation strategies for basic statistical process monitoring", *Journal of Quality Technology*, DOI 0.1080/00224065.2019.1611355, 2019.

101.   "Discussion of article by Piccolo and Simone: The class of CUB models: statistical foundations, inferential issues and empirical evidence", *Statistical Methods & Applications*, the official Journal of the Italian Statistical Society, 2019.

102.   "Many perspectives on Deborah Mayo's "Statistical Inference as Severe Testing: How to Get Beyond the Statistics Wars"" (with A. Gelman, B. Haig, C. Hennig, Art Owen, R. Cousins, S. Young, C. Robert, C. Yanofsky, E. J. Wagenmakers, and D. Lakeland, https://arxiv.org/abs/1905.08876, 2019.

103.   "Applications of Bayesian Networks" *Trans. on Machine Learning and Data Mining*, Vol.12, No 2, pp. 33-52, 2019. http://www.ibai-publishing.org/journal/issue_mldm/2019_October/12_2_33_54_mldm.pdf

104.   "Discussion of a review of data science in business and industry and a future view by Vicario and Coleman, *Applied Stochastic Models in Business and Industry*, Vol. 36, pp. 30-32, 2020.

105.   "Quality 4.0—the challenging future of quality engineering" (with A. Zonnenshain), *Quality Engineering*, 32(4). pp. 614-626, 2020. https://doi.org/10.1080/08982112.2019.1706744

106.   "Regional development in the era of Industry 4.0" (with A. Zonnenshain, E. Adres and G. Fortuna), *Dynamic Relationships Management Journal,* 9(2), pp 19-36. November, 2020. https://sam-d.si/en/revija/regional-development-in-the-era-of-industry-4-0-2

107.   "Data science for emerging application domains in Nepal" (with D. Bhandari and N. Ravishanker), Reference Book on National Statistical System of Nepal in the Federal Context*,* Government of Nepal National Planning Commission Secretariat, Central Bureau of Statistics, Kathmandu, Nepal, 2020.

108.   "Challenges and opportunities in simulations and computer experiments in industrial statistics: An Industry 4.0 perspective" (with G. Vicario), *Advanced Theory and Simulations,* 2000254 ,1 -15, 2021. https://onlinelibrary.wiley.com/doi/10.1002/adts.202000254

109.   "Generalizing research findings for enhanced reproducibility: an approach based on verbal alternative representations" (with A. Rubinstein), *Scientometrics* 126(5), pp. 4137-4151, 2021. https://doi.org/10.1007/s11192-021-03914-1

110.   "Official Statistics Indicators: challenges in analysis and operationalization " (with F. Maggino), *Journal of Official Statistics*, 37(2), pp. 541-552, 2021. https://content.iospress.com/articles/statistical-journal-of-the-iaos/sji210792

111.   "Data and the Fourth Industrial Revolution" (with S. Coleman), *Significance,* 18(3), pp. 8-9, 2021 https://rss.onlinelibrary.wiley.com/doi/10.1111/1740-9713.01523

112.   "Measurement, selection and visualization of association rules: a compositional data perspective" (with M. Vives-Mestres, S. T. Henestrosa1, and J. Martín-Fernández), *Quality and Reliability Engineering,* 2021 https://onlinelibrary.wiley.com/doi/10.1002/qre.2910?af=R

113.   "Challenges of modeling and analysis in cybermanufacturing: a review from a machine learning and computation perspective" (with Kang, Jin and Deng) *Journal of Intelligent Manufacturing*, pp1-14, https://link.springer.com/content/pdf/10.1007/s10845-021-01817-9.pdf , 2021

114.   "The digital twin in Industry 4.0: a wide-angle perspective" (with J. Bortman), *Quality and Reliability* Engineering*,* 38(3), pp. 1357-1366, DOI: 10.1002/qre.2948, 20, 2022

115.   "John Mandel" (with Raghu Kacker) Wiley StatsRef: Statistics Reference Online, stat08385 https://onlinelibrary.wiley.com/doi/10.1002/9781118445112.stat08385 2022.

116   "Samuel Karlin" (with Marcus Feldman) Wiley StatsRef: Statistics Reference Online,
         stat08377 , https://onlinelibrary.wiley.com/doi/10.1002/9781118445112.stat08377,
         2022.

117.   "Befitting Cross Validation for Sensible Machine Learning: Embracing Data Generation
         Structure" (with Chris Gotwalt, Laura Freeman, and Xinwei Deng) *Applied Stochastic Models
         in Business and Industry*, 38(5):750-765. doi: 10.1002/asmb.2701,
         https://xwdeng80.github.io/BCV2022.pdf 2022.

118.   "Citizen Behavior and Health Indicators in Israel During COVID-19: A Systematic Analysis
         of Data Over Time" (with Carmit Rapaport) UNIMI Press,
         https://libri.unimi.it/index.php/milanoup/catalog/download/73/155/653-1, 2022.

119.   "Integrated Analysis of Behavioral and Health Data: A Comparative Study of COVID19 Data
         in Israel and Italy" (with Giancarlo Manzi, Carmit Rapaport and Silvia Salini*) International
         Journal of Environmental Research and Public Health,* https://www.mdpi.com/1660-
         4601/19/8/4859/pdf, 2022

120.   "The Role of Statisticians in the Response to COVID-19 in Israel - A Holistic Point of View"
         (with Itai Dattner, Reuven Gal, Yair Goldberg, Inbal Goldshtein, Amit Huppert, Orly Manor,
         Danny Pfeffermann, Edna Schechtman, Clelia di Serio and David M. Steinberg) *Israel
         Journal of Health Policy Research*, https://ijhpr.biomedcentral.com/articles/10.1186/s13584-
         022-00531-y, 2022.

121.   "The reproducibility of COVID-19 data analysis: paradoxes, pitfalls & future challenges"
         (with Clelia Di Serio, Antonio Malgaroli and Paolo Ferrari) *PNAS Nexus*,
         https://doi.org/10.1093/pnasnexus/pgac125, 2022.

122.   "Helping reviewers assess statistical analysis: a case study from analytic methods" (with B.
         Francq), *Analytical Science Advances,* https://chemistry-
         europe.onlinelibrary.wiley.com/doi/10.1002/ansa.202000159, 2022.

123.   "Your Best Day: An interactive app to translate how time reallocations within a 24-hour
         day are associated with health measures" (with Dumuid D, Olds T. et al.), *PLOS One*,
         https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0272343, 2022.

124.   "Different views of interpretability" (with Ioos B and Sechhi P) , in *Interpretability for
         Industry 4.0 : Statistical and Machine Learning Approaches*, Antonio Lepore, Biagio
         Palumbo, and Jean-Michel Poggi (Editors), Springer, 2022.

125.   "Discussion *of "*An overview of some classical models and discussion of the signature-based
         models of preventive maintenance" (with Dattner I and Bortman J). *Applied Stochastic Models
         in Business and Industry*. 2023;39(1):71-73. doi: 10.1002/asmb.2728.

126.   "Discussion of 'Specifying prior distributions in reliability applications'. *Applied Stochastic
         Models in Business and Industry* 2023;1-3. doi: 10.1002/asmb.2755.

127.   "The Israeli society common denominator: a text analytic study" (with R. Gal, E. Adres, N.
         Ali and H. Glickman) *Israel Affairs, 2*023: 30(3),
         https://doi.org/10.1080/13537121.2023.2206250 .

128.   "A journey in random forests and penalized regression in an industrial classification problem:
         How to use models to sharpen your questions" (with C. Gotwalt and JM Poggi), *Quality and
         Reliability Engineering International*, DOI: 10.1002/qre.3449, 2023
         https://www.youtube.com/watch?v=kXbdZM4kfzk ,
         https://www.statisticsviews.com/article/laymans-abstract-for-quality-and-reliability-
         engineering-international-article-an-analytic-journey-in-an-industrial-classification-problem-
         how-to-use-models-to-sharpen-your-questions/

129.   "Information Quality of Applied Research" Wiley StatsRef: Statistics Reference Online,
         stat08445 https://onlinelibrary.wiley.com/doi/full/10.1002/9781118445112.stat08445

2023.

130. "Zero-Shot Learning" Wiley StatsRef: Statistics Reference Online, stat08446 https://onlinelibrary.wiley.com/doi/full/10.1002/9781118445112.stat08446 2023.

131. "Process Analysis with Data Segments" Wiley StatsRef: Statistics Reference Online, stat08447 https://onlinelibrary.wiley.com/doi/full/10.1002/9781118445112.stat08447 2023.

132. "Generalizability and Interpretability with Industry 4.0 Implications" Wiley StatsRef: Statistics Reference Online, stat08448 https://onlinelibrary.wiley.com/doi/full/10.1002/9781118445112.stat08448 2023.

133. "Adversarial Artificial Intelligence in Insurance: From an Example to Some Potential Remedies" (with B. Amerirad, M. Cattaneo and E. Luciano,) *Risks*, 11(1), p.20. 2023.

134. "Development of an Operational Digital Twin of a Locomotive Parking Brake for Fault Diagnosis" (with G. Davidyan and J. Bortman), *Scientific Report*, 13, 17959, 2023. https://www.nature.com/articles/s41598-023-45204-1

135. "Adversarial AI in insurance: an overview" (with M. Cattaneo and E. Luciano) *European Actuarial Journal*, 14, 297–306, 2024. https://doi.org/10.1007/s13385-023-00365-1 , link to view, link to pdf,

136. "Conceptual thinking and machine learning" (with O. Matania and J. Bortman), *Journal of Mathematics in Industry*, selected topics from 22nd ECMI Conference on Industrial and Applied Mathematics, 2024.

137. "Multivariate techniques for analyzing and presenting official statistics indicators", *Statistica Applicata - Italian Journal of Applied Statistics*, Vol. 36, Number 1, 2024. https://www.sa-ijas.org/ojs_files_online_first/36_002_270.pdf

138. "The analysis of association rules: Latent Class Analysis" (with C, Gotwalt), *Statistical Analysis and Data Mining*, 17:e11686, 2024, https://doi.org/10.1002/sam.11686, .

139. "Engineering, big data and the future". *ECMI2023 Proceedings*, Springer, 2024.

140. "Development of an Operational Digital Twin of a Freight Car Braking System for Fault Diagnosis" (with G. Davidyan and J. Bortman), *Adv. Theory Simul.* 2301257, pp. 1-11, 2024, https://onlinelibrary.wiley.com/doi/10.1002/adts.202301257

141. "Binary Trees and Taxicab Correspondence Analysis of Extremely Sparse Binary Textual Data: A Case Study" (with Vartan Choulakian and Jacques Allard) 2024, https://arxiv.org/abs/2404.06616,

142. "Engineering, Emulators, Digital Twins, and Performance Engineering". *Electronics*, 13, 1829, 2024. https://doi.org/10.3390/electronics13101829

143. "A Decision Support Tool Integrating Data and Advanced Modeling" (with Shaul Arieli, Ron Ben Jacob, Gilad Hirschberger, Sivan Hirsch-Hoefler and Ariel Kenett), 2024. https://www.preprints.org/manuscript/202409.1869/v1/download

144. "A tripartite view on the role of AI in modern analytics" Samuel Neaman Institute Report, 2024, https://www.neaman.org.il/en/a-tripartite-view-on-the-role-of-ai-in-modern-analytics/

145. "Befitting Bootstrap Analysis: A Case Study" (with Chris Gotwalt, Laura Freeman, Peter Gedeck and Xinwei Deng) *Quality Engineering,* in press.

146. "Social resilience through text analytics of social media" (with G. Wellner, I. Ram and M, Aharon) *Israel Affairs*, in press.

147. "Is there a future for Stochastic Modelling in Business and Industry in the era of Machine Learning and Artificial Intelligence?" (with F. Ruggeri et al) *Applied Stochastic Models in Business and Industry,* 41(2), 2025, https://onlinelibrary.wiley.com/doi/epdf/10.1002/asmb.70004

148, Machine Health Indicators and Digital Twins" (with Bublil, T., Cohen, R., & Bortman, J. (2025), *25*(7), 2246.. *Sensors*, *25*(7), 2246. https://www.mdpi.com/1424-8220/25/7/2246

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. Weisglass, 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. Weisglass, 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 Pauzner, 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.

26.   "Systolic blood pressure during acute stroke is associated with functional status and long term mortality in the elderly" (with A. Weiss, Y. Beloosessky and E. Grossman), *Stroke,* 44(9), pp. 2434-40, 2013.

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.

28.   "Teamwork Interfaces Project: Increasing Patient Safety in Labor & Delivery through a Long-term, Comprehensive Intervention Process" (with A. Fishman, M. Leonenko and T. Biron-Shental), *Obstetrics & Gynecology,* 2014.

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*, 154(4), pp. 236-239, 2015.

30.   "The Mentoring Process – An Additional Dimension in Medical Residency" (in Hebrew with A. Fishman and T. Biron), *Harefua*, 154(8), pp. 503-506, 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*. DOI: 10.1002/pat.3531, 2015.

32.   "Change in Systolic Blood Pressure During Stroke, Functional Status and Long-Term Mortality in an Elderly Population" (with A. Weiss, Y. Beloosessky and E. Grossman), *American Journal of Hypertension*. DOI: 10.1093/ajh/hpv118, 2015.

33.   "Dead Sea medical tourism — an allergological point of view" (with A. Eshel, C. Geller and V. Epstein), *Annals of Allergy, Asthma & Immunology*, DOI 10.1007/s10453-016-9449-z, 2016.

34.   "An Extended β-Lactam Provocation Test Increases the effectiveness of a Drug Hypersensitivity Investigation" (with M. Iancovici Kidon, R. Ratzon, A. Reshef, O. Efrati, M. Deutch, R. Forschmidt and T. Cukierman-Yaffe), *Annals of Allergy, Asthma & Immunology*. http://dx.doi.org/10.1016/j.anai.2016.01.018, 2016.

35.   "The effect of linker type and recognition peptide conjugation chemistry on tissue affinity and cytotoxicity of cationized polyacrylamide" (with M. Bloch, E. Yavin, A. Nissan, I. Ariel, D. Brass and A. Rubinstein), *Journal of Controlled Release,* doi:10.1016/j.jconrel.2016.06.038*, 2016.*

36.   "Evidence Based Informed Consent for Caesarean Section Using MERLO - Meaning Equivalence Reusable Learning Objects" (with T. Biron-Shental, U. Shafrir, H. Rosen, S. Garg, D. Farin and A. Fishman), *British Journal of Education*, Society & Behavioural Science 17(2): 1-10, https://www.journaljesbs.com/index.php/JESBS/article/view/15988, 2016.

37.   "Synchronizing the release rates of salicylate and indomethacin from degradable chitosan hydrogel and its optimization by definitive screening design" (with Sharon-Gabbay, Scaffaro and Rubinstein), *European Journal of Pharmaceutical Sciences*, doi:10.1016/j.ejps.2018.09.020*, 2018.*

38.   "Salivary Neutrophil Gelatinase-Associated Lipocalin (NGAL) in acute Renal Colic" (with Tamimi, Kord, Rappaport, Cooper, Abu Hamad, Efrati, Zisman and Siegel), *Journal of Endourology*,32(6), pp. 566–571 https://www.liebertpub.com/doi/full/10.1089/end.2017.0864*, 2018.

39.   "A Structured Gradual Exposure Protocol to Baked and Heated Milk in the Treatment of Milk Allergy" (with Efron, Zeldin, Gotesdyner, Shtauber, Maoz Segal, Binson, Dinkin, Dinkowitz, Shahar, Deutch, Yaron, Nevet, Reshef, Agmon-Levin and Kidon), *The Journal of Pediatrics,* pp 203-209, 2018.

40.   "The interplay between spondyloarthropathy and pregnancy: A case control study" (with Kaminer, Giat, Slobodin, Bornstein, Eshed and Lidar), *The Journal of Rheumatology*, submitted.

41.   "A structured graduated protocol with heat denatured eggs in the treatment of egg allergy" (with Gotesdyner, L. , Zeldin, Y. , Machnes Maayan, D. , Efron, A. , Stauber, T. , Maoz Segal, R. , Binson, I. , Dinkin, M. , Dinkowitz, L. , Nevet, A. , Asher, I. , Yakar, Y. , Agmon-Levin, N. and Kidon, M. I.), *Pediatr Allergy Immunol.* 30(8):824-832, doi:10.1111/pai.13115, 2019.

42.   "Implementing Personal Mentoring in an Obstetrics and Gynecology Residency Program-3 Year Evaluation" (with A, Fishman, M. Leonenko and T. Biron-Shental), *Obstetrics and Gynecology,* 30(1): 293–297, 2020.

43.   "Guided Bone Regeneration with Ammoniomethacrylate-based Barrier Membranes in Radial Defect Model" (with Kirmayer, Grin, Gefter Shenderovich, Friedman, Rachmilewitz, Mosheiff and Khoury), *BioMed Research International*. *https://www.hindawi.com/journals/bmri/2020/5905740/ ,* 2020

44.   "Analysing body composition as compositional data: An exploration of the relationship between body composition, body mass and bone strength" (with Dumuid D, Martín-Fernández JA, Ellul D, Wake M, Simm P, Baur L and Olds T.). *Statistical Methods in Medical Research*, 30, 331–346, 2021.

45   "P-value, s-value, b-value, d-value,... what else? Individual Success Probability: A New Interpretation To The t-test" (with Francq, Walter Hoyer and Olivier Cartiaux) submitted

46   "The reproducibility of COVID-19 data analysis: paradoxes, pitfalls & future challenges" (with Clelia Di Serio, Antonio Malgaroli and Paolo Ferrari) *PNAS Nexus*, https://doi.org/10.1093/pnasnexus/pgac125, 2022.

47.   "Citizen Behavior & Health Indicators in Israel During COVID-19: A Systematic Analysis of Data Over Time" (with Carmit Rapaport) UNIMI Press, https://libri.unimi.it/index.php/milanoup/catalog/download/73/155/653-1 2022.

48   "The Role of Statisticians in the Response to COVID-19 in Israel - A Holistic Point of View" (with Itai Dattner, Reuven Gal, Yair Goldberg, Inbal Goldshtein, Amit Huppert, Orly Manor, Danny Pfeffermann, Edna Schechtman, Clelia di Serio and David M. Steinberg) *Israel Journal of Health Policy Research*, https://ijhpr.biomedcentral.com/articles/10.1186/s13584-022-00531-y, 2022.

49.   "Integrated Analysis of Behavioral and Health COVID-19 Data combining Bayesian Networks and Structural Equation Models" (with Giancarlo Manzi, Carmit Rapaport and Silvia Salini) *International Journal of Environmental Research and Public Health*, *19*(8), 4859, https://www.mdpi.com/1660-4601/19/8/4859/htm, https://www.mdpi.com/1660-4601/19/8/4859/pdf, 2022.

50.   "Diagnosis of Peanut Allergy in Preschool Children: The Impact of Skin Testing With a Novel Composition of Peanuts" (with Kidon, M.I., Yahia, S.H., Machnes-Maayan, D., Levy, Y., Frizinsky, S., Maoz-Segal, R., Offenganden, I., Agmon-Levin, N. and Hovav, R.), *Frontiers in Pediatrics,* 9, p.739224.202, https://www.frontiersin.org/articles/10.3389/fped.2021.739224/pdf, 2022.

51.   "A clinical pathway for the diagnosis of sesame allergy in children" (withDiti Machnes-Maayan, Soad Haj Yahia, Shirly Frizinsky, Ramit Maoz-Segal, Irena Offengenden, Mona I. Kidon and Nancy Agmon-Levin). *World Allergy Organization Journal*, 15:100713 http://doi.org/10.1016/j.waojou.2022.100713, 2022.

52.   "Your Best Day: An interactive app to translate how time reallocations within a 24-hour day are associated with health measures" (with Dumuid D, Olds T. et al.), *PLOS One*, https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0272343, 2022.

53.   "The reproducibility of COVID-19 data analysis: paradoxes, pitfalls & future challenges" (with Clelia Di Serio, Antonio Malgaroli and Paolo Ferrari) *PNAS Nexus*, https://doi.org/10.1093/pnasnexus/pgac125, 2022.

54.   "A novel multivariate meta-analysis for optimizing cell count when using mechanical processing of lipoaspirate for regenerative applications" (with Gershon Zinger, Kepes Nia, Amos Peyser and Racheli Sharon-Gabbay), *Pharmaceutics*, 15(12), 2737, 2023.

55.   "Clinical evaluation and determinants of response to HBI0101 (BCMA CART) therapy in relapsed/refractory multiple myeloma" (with Kfir-Erenfeld, Asherie, Lebel, Vainstein, … and Stepensky), *Blood Advances 2024012967. doi: 10.1182/bloodadvances.2024012967*.

56.   "Peanut Oral Immunotherapy using an Extensively Heated and Baked Novel Composition of Peanuts" (with Kidon, Shavit, Levy, Haj Yahia, Machnes-Maayan, Frizinsky, Maoz-Segal, Offenganden, Agmon-Levin and Hovav), *Pediatric Allergy and Immunology*, 35(5):e14146. doi: 10.1111/pai.14146.

Invited Papers in Hebrew:

1.   "Process Control in an Electronics Plant," (with J. Bantay and S. Reinish) *MATI*, Journal of the Standards Institution of Israel, 61, pp. 15-19, 1986.

2.   "Quality by Design: A challenge to Israeli Industry", *Eihut*, Journal of the Israeli Society for Quality Control, pp. 1-4, November 1987.

3.   "Resolving a Crisis in the Manufacturing of Microcircuit Devices with a Designed Experiment", *Eihut*, Journal of the Israeli Society for Quality Control, pp. 1-4, March 1988.

4.   "The Deming Approach to Quality Management," (with E. Barak), *Mashabei Enosh*, Journal of the Israeli Organizational Behavior Society, 24, pp. 24-27, December 1989.

5.   "A New Generation of Performance Appraisal Systems Compatible with the Deming Approach to Quality Management," (with E. Barak), *Mashabei Enosh*, Journal of the Israeli Organizational Behavior Society, 25, pp. 24-27, January 1990.

6.   "Multivariate Quality Control" (with C. Fuchs), *Eihut*, Journal of the Israeli Society for Quality Control, 6, pp. 2-8, September 1990.

7.   "Excellence Through Quality", *Nihul*, Journal of the Israeli Management Centre, p. 7, February 1991.

8.   "Statistical Process Control: When and how " (with J. Preminger), *Kesher Haeihut*, Journal of the Israeli Association of Electronic Industries, 3, pp. 4-7, August 1991.

9.   "Israeli Top Managers Benchmark Israeli Management with TQM Criteria", (with   J. Preminger), *Eihut*, pp. 10-12, March 1993.

10.   "Strategic Quality Planning as the driving force to Total Quality Management", *Nihul*, Journal of the Israeli Management Centre, pp. 9-15, December 1993.

11.   "The experience of winners of the Quality Award in the Unites States", *Kesher Haeihut*, 11, pp. 5-8, November 1993.

12.   "The ISO-9000 standards and Total Quality Management", *Eihut*, pp. 26-27, November 1993.

13.   "Eiron: A Revolutionary Office Chair by Herman Miller - A Classical Example of Quality by Design", *Mashabei Enosh*, 98, pp. 32-34, February 1996.

14.   "The Application of Strategic Quality Planning to Service", *Eihut*, pp. 42-46, February 1996.

15.   "Selected Trends in Quality Management and Human Resources Management", *Mashabei Enosh*, 106, pp. 50-54, October 1996.

16.   "Human Resources Planning and Development with Competency Models" (with M. Meisel and Mia Cohen-Jacobs), *Mashabei Enosh*,107, pp. 6-13, November 1996.

17.   "Improvement Projects of Israeli Software Development Processes", *Kesher Haeihut*, 27, pp. 16, August 1998.

18.   "Customer Satisfaction Surveys – also in the school" (with Ronit Hanegbi and Mia Hacohen), *Status*, 99, pp. 40-53, September 1999.

19.   "Improving Customer Loyalty: The key to business success" (with R. Fainstein), *Kesher Haeihut*, 39, pp. 15-17, November 2001.

20.   "Choosing between Strategic Alternatives using Financial Indices" (with A. Ziv), *Kesher Haeihut*, 40-41, pp. 10-13, March 2002.

21. "Six Sigma and the International Quality Manager" (with D. Albert), E*ihut*, 27, pp. 34-38, May 2002.

22. "Tightening the Belt: Principles and Tools for Managing a Lean Environment" (with M. Miller), *Kesher Haeihut*, 42-43, pp. 11-18, July 2002.

23. "CRM and Knowledge Management" (with M. Hacohen-Jacobs), *Kesher Haeihut*, 42-43, pp. 4-7, July 2002.

24. "The Lean Sigma strategy for achieving profitability and competitive advantage" (with M. Miller), *Kesher Haeihut*, 44, pp. 4-6, December 2002.

25. "The Performance Appraisal System at SSM, Winner of the Malcolm Baldrige 2003 Health Care Systems Award", *Mashabei Enosh*, 181, pp. 40-46, January 2003.

26. "On the use of simulations to improve the effectiveness of training in Performance Appraisal Systems" (with D. Rachman-Moore), *Mashabei Enosh*, 185, pp. 30-43, May 2003.

27. "Employee surveys the bottom-up way: Employee retention – the safe road to customer retention" (with O. Kaplan), *Mashabei Enosh* 188, pp. 32-37, August 2003.

28. "Risk management in Enterprise System Implementation" (with O. Raphaeli), *Kesher Haeihut*, 50-51, pp. 15-21, February 2005.

29. "On Creativity, Innovation, Quality and Profitability" (with G. Shalgi), *Status*, 167, pp. 38-43, May 2005.

30. "Surveys with New Technologies: is it the end of telephone interviews" (with O. Kaplan and Y. Raanan), *Kesher Haeihut*, 53-54, pp. 6-8, May 2006.

31. "The Journey to Organizational Excellence in Eliashar Distribution Ltd." (with H. Nachshon, S. Harel and Y. Shuchmacher), *Mashabei Enosh*, 228, pp. 46-56, December 2006.

32. "Corporate Social Responsibility: What it really is, Why it's so important, and How it should be managed" (with D. Waldman and T. Zilberg). *Status*, 193, pp. 10-14, Jul. 2007.

33. "Excellence in the work environment: The Pareto Plus Model" (with H. Krothamer and E. Kuperman), *Mashabei Enosh*, 242, pp. 18-25, February 2008.

34. "Integrated Management - A challenge to senior management with aspects of Human Resources" (with E. Urkin), *Mashabei Enosh*, 243, pp. 48-56, March 2008.

35. "Dr. J. M. Juran, the father of modern quality, passed away", E*ihut*, 43, pp. 52-54, April 2008.

36. "Integrated Management - A challenge to the QA manager" (with E. Urkin), *Eihut*, 45, pp. 27-32, November 2009.

37. "Dr. Genichi Taguchi - A few words on his contributions to modern quality engineering", *Eihut*, 51, pp. 40-41, November 2012.

38. "Risk management with data" (with C. Hermesh and Y. Raanan), *Status*, September 16th, 2014. http://status.co.il/ניהול-סיכונים-מבוסס-נתונים

39. "The 4th Industrial Revolution is here" (with A. Zonnenshain, E. Adres and G. Fortuna), *Eihut*, 59, pp. 11-14, 2018.

40. "The future, data science, computer science, applied mathematics and statistics" (with D. Benson-Karai and M. Ben David), *Eihut*, November 2019.

41. "The end of the era of decisions based only on gut feeling" (with A. Zonnenshain and I. Yahav) *The Marker*, 23/7/2017, https://www.themarker.com/opinion/1.4281777

42.   "The digital Twin in Industry 4.0 applications" (with J. Bortman). *The Voice of the System*, 27. 2/2021. https://incoseil.org/files/EN_The_Voice_Of_Systems_Jan_21_V3.pdf

43.   "Innovation, Quality and Excellence in Israel", *Eihut*, 67, February 2024.

44.   "On quality, AI and statistical practice", *Eihut*, 68, February 2024.

45.   "On Al and Quality in Medicine", *Eihut*, 69, February 2025. https://isq.org.il/%d7%91%d7%99%d7%98%d7%90%d7%95%d7%9f-69/#flipbook-df_12132/9/

46.   "Social resilience trends in social media of displaced populations in Northern Israel" (with G. Wellner, I. Ram and M, Aharon) Proceedings of INSS conference, report 239, March 2025.

Books:

1. ***Modern Industrial Statistics: Design and Control of Quality and Reliability*** (with S. Zacks), Duxbury/Wadsworth Publishing, 1998 (Solution Manual also available). Spanish edition: Estadística Industrial Moderna: Diseño y Control de Calidad y la Confiabilidad, Thomson International, 2000. Abbreviated edition: Modern Statistics: A Computer based Approach, Thomson Learning, 2001. Chinese edition: China Statistics Press, 2003. Softcover edition, Brooks/Cole, 2004.

2. ***Multivariate Quality Control: Theory and Applications*** (with C. Fuchs), Chapman and Hall, CRC Press 1998. http://www.crcpress.com/product/isbn/9780824799397

3. ***Software Process Quality: Management and Control*** (with E. Baker), CRC Press, 1999, Taylor and Francis, Kindle Edition, 2007. http://www.crcpress.com/product/isbn/9780824717339

4. ***Modern Statistics: A Computer Based Approach*** (with S. Zacks), Brook/Cole, CA 2001.

5. ***The Encyclopedia of Statistics in Quality and Reliability*** (Editor in Chief, with F. Ruggeri and F. Faltin), John Wiley and Sons, ISBN 9780470018613, 2007, online Wiley InterScience, 2008.http://www.interscience.wiley.com/reference/eqr

6. ***Process Improvement and CMMI for Systems and Software*** (with E. Baker), Taylor and Francis, Auerbach CRC Publications, 2010. http://www.crcpress.com/product/isbn/9781420060508

7. ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan), John Wiley and Sons, ISBN 9780470747483, 2011.

8. ***Modern Analysis of Customer Surveys: with applications using R*** (with S. Salini), John Wiley and Sons, ISBN 9780470971284, 2011.

9. ***Statistical Methods in Healthcare*** (edited volume with F. Faltin and F. Ruggeri), John Wiley and Sons, ISBN 9780470670156, 2012.

10. ***Modern Industrial Statistics: with applications in R, MINITAB and JMP*** (with S. Zacks and contributions of D. Amberti), 2nd ed 2014, 3rd ed 2021., John Wiley and Sons, ISBN 9781118456064 Version in Vietnamese (The Vietnam Institute for Advanced Studies in Mathematics VIASM 2016) https://viasm.edu.vn/xuat-ban/tu-sach/chi-tiet/thong-ke-cong-nghiep-hien-dai-voi-ung-dung-viet-tren-r-minitab-va-jmp https://books.google.co.il/books?id=4eKizQEACAAJ&dq=inauthor:%22Ron+S.+Kenett%22&hl=en&sa=X&redir_esc=y .

11. ***Information Quality: The Potential of Data and Analytics to Generate Knowledge*** (with G. Shmueli), John Wiley and Sons, ISBN 9781118874448, 2016. https://www.wiley.com//legacy/wileychi/kenett/presentation.html?type=SupplementaryMaterial , https://sites.google.com/site/datainfoq, https://onlinelibrary.wiley.com/doi/book/10.1002/9781118890622

12. ***Analytic Methods in Systems and Software Testing*** (edited volume with F. Faltin and F. Ruggeri), John Wiley and Sons, ISBN 9781119271505, 2018.

13. ***The Real Work of Data Science: Turning data into information, better decisions, and stronger organizations*** (with T. Redman), John Wiley and Sons, ISBN 9781119570707, 2019. Italian version, *La data science: ruolo e utilità*, Gispichelli, Turin 2021. https://www.giappichelli.it/la-data-science-nella-realta-9788892134232

14. ***Systems Engineering in the Fourth Industrial Revolution: Big data, Novel Technologies, and Modern Systems Engineering*** (edited volume with R. Swarz and A. Zonnenshain), John Wiley and Sons, ISBN 9781119513896, 2020.

15. ***Modern Statistics: A Computer-Based Approach with Python*** (with S. Zacks and P. Gedeck) 2022, Springer Birkhauser SITE series. https://link.springer.com/book/9783031075650, code web site https://gedeck.github.io/mistat-code-solutions/ModernStatistics

16. ***Industrial Analytics: A Computer-Based Approach with Python*** (with S. Zacks and P. Gedeck) 2023, Springer Birkhauser SITE series. https://www.springer.com/series/15677

17. ***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, link to pdf, 2023.

18. ***Analyzing a Large Number of Time Series: Learning and Monitoring Complex Patterns*** (with N. Ravishanker and M. Reis), Springer Birkhauser SITE series. https://www.springer.com/series/15677

Monographs / Chapters / Standards:

1. **IEEE Dictionary of Measures to Produce Reliable Software**, IEEE Standard 982.1, 1988.

2. SI 2000: Israel's **ISO-9000 Quality Management Standards**, 1990.

3. ***A New Generation of Performance Appraisal Systems Compatible with Total Quality Management*** (in Hebrew with E. Barak), OB Consulting publications, 1989.

4. **Understanding the Software Process** in *Total Quality Management for Software*, edited by G. Schulmeyer and J. McManus, Van Nostrand- Reinholt, 1992.

5. **Management for Quality in Ancient Israel** in *A History of Management for Quality*, edited by J. Juran, Quality Press, 1995.

6. **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.

7. **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.

8. **Pareto Charts Analysis**, Motorola University Press, 1998.

9. **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.

10. **The Role of Change Management in IT Systems Implementation** (with S. Lombardo) in *Handbook of Enterprise Systems Architecture in Practice,* Pallab Saha (editor), National University of Singapore, Singapore, Idea Group Inc., 2007.

11. **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), John Wiley and Sons, 2007.

12. **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), John Wiley and Sons, 2007.

13. **Statistical Process Control, Multivariate** (with C. Fuchs) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F., John Wiley and Sons, 2007.

14. **Factorial Experiments** (with D. Steinberg) in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), John Wiley and Sons, 2007.

15. **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), John Wiley and Sons, 2007.

16. **Statistical Efficiency** in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), John Wiley and Sons, 2007.

17. **Cause and Effect Diagrams** in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), John Wiley and Sons, 2007. Wiley StatsRef, 2019, DOI: 10.1002/9781118445112.stat03928.pub2.

18. **Software Failure Data Analysis** in *Encyclopedia of Statistics in Quality and Reliability*, Ruggeri, F., Kenett, R. S. and Faltin, F. (editors in chief), John Wiley and Sons, 2007.

19. **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), pp 61-95. John Wiley and Sons, 2008.

20. **Management Statistics** (with I. Ograjenšek), in *Statistical Practice in Business and Industry*, Coleman, S., Greenfield, T., Stewardson, D. and Montgomery, D., John Wiley and Sons, 2008.

21. **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), John Wiley and Sons, 2008.

22. **Risk Management: A general view** (with R. Pike and Y. Raanan) in ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

23. **Democratisation of Enterprise Risk Management** (with P. Lombardi, S. Piscuoglio, Y. Raanan and M. Lankinen) in ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

24. **Operational Risk Management: An overview** (with R. Pike and Y. Raanan) in ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

25. **Risk based testing of web services** (with X. Bai) in ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

26. **Measures of association applied to operational risks** (with S. Salini) in ***Operational Risk Management: a practical approach to intelligent data analysis*** (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

27. **Operational risks, quality, accidents and incidents** (with Y. Raanan) in *Operational Risk Management: a practical approach to intelligent data analysis* (edited volume with Y. Raanan as co-editor), John Wiley and Sons, 2010.

28. **Standards and Classical techniques in Data Analysis of Customer Satisfaction Surveys** (with S. Salini) in *Modern Analysis of Customer Surveys* (edited volume with S. Salini as co-editor), John Wiley and Sons, 2011.

29. **The ABC Annual Customer Satisfaction Survey** (with S. Salini) in *Modern Analysis of Customer Surveys* (edited volume with S. Salini as co-editor), John Wiley and Sons, 2011.

30. **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.

31. **Quality Standards and Control Charts Applied to Customer Surveys** (with L. Deldossi and D. Zappa) in *Modern Analysis of Customer Surveys* (edited volume with S. Salini as co-editor), John Wiley and Sons, 2011.

32. SI 5568: Israel's **ISO-9241 Ergonomics of human-system interaction — Part 151: Guidance on World Wide Web user interfaces**, 2011.

33. **Statistical Aspects in ICH, FDA and EMA Guidelines** (with A. Sampson) in *Statistical Methods in Healthcare* (edited volume with F. Faltin and F. Ruggeri as co-editors), John Wiley and Sons, 2012.

34. **Risk Management in Drug Manufacturing and Healthcare** in *Statistical Methods in Healthcare* (edited volume with F. Faltin and F. Ruggeri as co-editors), John Wiley and Sons, 2012.

35. **Concept Science Evidence-Based MERLO Learning Analytics** (with U. Shafrir) in *Handbook of Applied Learning Theory and Design in Modern Education*, IGI Global, Hershey, PA, USA, 2016.

36. **Learning in the Digital Age with Meaning Equivalence Reusable Learning Objects (MERLO)** (with M. Etkind and U. Shafrir) in *Handbook of Applied Learning Theory and Design in Modern Education*, IGI Global, Hershey, PA, USA, 2016.

37. **Community Data for OSS Adoption Risk Management** (with X. Franch, A. Susi, N. Galanis, R. Glott and F.Mancinelli) in *The Art and Science of Analyzing Software Data*, T. Menzies, C. Bird, T. Zimmermann and L. Minku (editors), Morgan Kaufman, 2015.

38. **Integrated Models in Healthcare Systems** (with Y. Lavi) in *Systems Thinking: Foundation, Uses and Challenges*, M. Frank, S. Kordova and H. Shaked (editors), Nova, 2016.

39. **The Information Quality Framework for Data Science Programs** (with S. Coleman) in *Encyclopedia with Semantic Computing and Robotic Intelligence*, World Scientific Press, 2017.

40. **Bayesian Networks: Theory, applications and sensitivity issues** in *Encyclopedia with Semantic Computing and Robotic Intelligence,* World Scientific Press, 2017.

.42. **Introduction aux réseaux bayésiens et leurs applications** (with F. Bertrand and M. Maumy-Bertrand), Statistique et Causalite, Editions Technip, 2019.

42. **Production of Evidence-Based Informed Consent (EBIC) With Meaning Equivalence Reusable Learning Objects (MERLO): An Application on the Clinical Setting** (with E. Vargas, W. Lou and U. Shafrir) in *Handbook of Applied Learning Theory and Design in Modern Education*, IGI Global, Hershey, PA, USA, 2020.

43.   **Teachers Involved in Designing MERLO Item** (with O. Robutti, P. Carente and T. Prodromou) in *Pedagogy for Conceptual Thinking and Meaning Equivalence: Emerging Research and Opportunities*, IGI Global, Hershey, PA, USA, 2021.

44.   **Big Data, Analytics and Education: Challenges, Opportunities and an Example from a Large University Unit** (with T. Prodromou) https://link.springer.com/content/pdf/10.1007%2F978-3-030-76841-6_5.pdf In Big Data in Education: Pedagogy and Research. Policy Implications of Research in Education, 13, pp 103-124 Springer, 2021.

45.   **Internet of Things Big Data Driven Systems**, https://online.vitalsource.com/reader/books/9781119814313/epubcfi/6/2[%3Bvnd.vst.idref%3Dcover]!/4 INCOSE System Engineering Handbook, 2023

46.   **Process Analysis with Data Segments** in *Wiley StatsRef: Statistics Reference Online,* John Wiley and Sons, 2023.

47.   **Information Quality of Applied Research** in *Wiley StatsRef: Statistics Reference Online,* John Wiley and Sons, 2023.

48.   **Zero-Shot Learning** in *Wiley StatsRef: Statistics Reference Online,* John Wiley and Sons, 2023.

49.   **Generalizability and Interpretability with Industry 4.0 Implications** in *Wiley StatsRef: Statistics Reference Online,* John Wiley and Sons, 2023.

50.   **European Network for Business and Industrial Statistics (ENBIS): A Journey** in *Wiley StatsRef: Statistics Reference Online,* John Wiley and Sons, 2023.

Technical reports from University of Wisconsin - Madison
1. A test for detecting outlying cells in the multinomial distribution and two-way contingency tables, TR 549, 1979
2. Statistical analysis of enzyme kinetic data, TR 580, 1979
3. Geometric measures of association in contingency tables, TR 596, 1980

Technical reports from Bell Laboratories
1. An analysis of PWB UNIX Benchmark Response, PY-45281-RSK-fb, 1981
2. An analysis of UNIX systems Crashes, PY-45281-RK-npg, 1981
3. Towards a construction of representative synthetic workloads, PY-45281-RK-PM-jel, 1981

Publications in Conference Proceedings:

1.   "A Statistical Test of Software Reliability" (with M. Pollak), Proc. of the 4th International Quality Assurance Conference, Herzeliah, Israel, 1982.

2.   "Software Reliability Modeling: A Software Quality Assurance Tool", Proc. of the Workshop on Software Methodologies with Ada, Tel-Aviv, Israel, 1983.

3.   "Some Aspects of Quality Conformance Inspection in Military Specifications Documents" (with A. Halevy), Proc. of the 5th Intl Quality Assurance Conference, Tel-Aviv, Israel, 1984.

4.   "On the Use of Experimental Design to Improve Products and Production Processes" Proc. of the Annual Conference of the Israeli Operations Research Society, Beer-Sheva, Israel, 1984.

5.   "A Statistical Test of Software Reliability" Proc. of the 3rd Conference of Industrial Engineering Israeli Society, Tel-Aviv, Israel, 1984.

6.   "Software Development Methodologies: From Theory to Practice" (with J. Gilead, D. Kalinsky and S. Koenig), Proc. of 14th Conference of IEEE in Israel, Herzeliah, Israel, 1985.

7. "Managing a Continuous Improvement of the Software Development Process", Proc. of the 7th IMPRO Conference, Atlanta, USA, 1989.

8. "Total Quality Management also applies to a School of Management" (with T. Kelly, G. Roodman, L. Newton and A. Wowk), Proc. of the 9th IMPRO Conference, Atlanta, 1991.

9. "Process Trouble Assessment and Pareto Analysis of Software Errors", National Institute for Software Quality and Productivity annual conference, Washington D.C., April 1992.

10. "Toward a performance appraisal system paradigm consistent with total quality management" (with David Waldman) Meeting of the Administrative Sciences Association of Canada, Quebec City, June, 1992

11. "Bayesian Process Tracking Under Random Changes in the Mean" (with S. Zacks), ASA annual meetings invited paper, Boston, August 1992.

12. "Process Tracking of Time Series with Change Points" (with S. Zacks), Proc. of the 7th International Conference in the Basque Country, August 1992.

13. "Analysis of Factorial Designs with Main Effects and Interactions Plots" (with B. Vogel), Proc. of the 9th International Quality Conference, Jerusalem, November 1992.

14. "Towards the Year 2000: Some Trends in Total Quality Management" (with J. Preminger), Proc. of the 14th Congress of the Society of Manufacturing Engineers, Tel-Aviv, June 1994.

15. "Presentation of Results from Designed Experiments using Graphical Methods" (with B. Vogel), Proc. of the 10th International Quality Conference, Jerusalem, November 1994.

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.

17. "Software Specification Metrics: A quantitative approach to assess the quality of documents", Proc. of the 19th Convention of Electrical and Electronics Engineers in Israel, Jerusalem, November 1996.

18. "Is your Employee a Satisfied Customer? or how to incorporate employee satisfaction surveys in the human resources development strategic plan" (in Hebrew with J. Bantay, D. Uriel and Mia Hacohen-Jacobs), Proc. of the 8th Human Resources Organization Annual Conference, Zichron Yaakov, January 1997.

19. "Modern Industrial Statistics: *The challenge and some solutions*" (with S. Zacks), Proc. of the 12th International Quality Conference, Jerusalem, December 1998.

20. "Quality Management of Marketing and Technological joint ventures" (with Y. Yossef, R. Dvir, N. Sukenik and A. Belluco), Proc. of the 5th National Quality Conference, Haifa, November 1999.

21. "Robust Design: From Training to Implementation" (with D. Steinberg and B. Yoskovitch), Proc. of the 13th National Quality Conference, Haifa, November 1999.

22. "Assessing Software Inspection Processes with STAM" , Software Engineering Australia, SEA2000, Canberra, Australia, April 2000.

23. "Reducing Time To Market via Statistical Information Systems" (with D. Steinberg), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.

24. "Choosing between Strategic Alternatives using Financial Indices" (with A. Ziv and U. Ken-Dror), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.

25. "Implementation of Six Sigma at the Dead Sea Bromine Group" (with G. Ehrlich), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.

26. "On six sigma methods in the production of bromine compounds", DEINDE 2001, Torino, February 2001.

27. "On the application of bootstrapping in analyzing designed experiments" (with D. Steinberg), European Network for Business and Industrial Statistics (ENBIS) First Annual Conference on Business and Industrial Statistics, Oslo, Norway, September 17-18, 2001.

28. "Bootstrapping: A modern approach to analyze designed experiments in six sigma projects" (with D. Steinberg), Proc. of the 6th National Conference of the Israel Society for Quality, Tel Aviv, November 2001.

29. "Setting Balanced Strategies in Technological Companies" (with A. Ziv), Proc. of the 6th National Conference of the Israel Society for Quality, Tel Aviv, November 2001.

30. "CRM and Knowledge Management: An approach to manage customer relationships" (with M. Hacohen-Jacobs), Proc. of the 6th National Conference of the Israel Society for Quality, Tel Aviv, November 2001.

31. "Improving Customer Loyalty: The key to business success" (with R. Fainstein), Proc. of the 6th National Conference of the Israel Society for Quality, Tel Aviv, November 2001.

32. "Issues in Customer Satisfaction Surveys", DEINDE 2002, Torino, February 2002.

33. "The Impact of Classification Errors on Assessing Software Inspection Processes with STAM", MMR2002, ISI Conference, Trondheim, Norway, June 2002.

34. "Statistical Efficiency- the practical perspective" (with S. Coleman), European Network for Business and Industrial Statistics (ENBIS) Second Annual Conference on Business and Industrial Statistics, Rimini, Italy, September, 2002.

35. "The use of simulations in academic courses on performance management" (with D. Rachman-Moore), 10th Annual conference of the Israeli Training Association, Tel Aviv, Israel, May 2003.

36. "Robust design from computer simulations" (with D. Steinberg), Spring Research Conference, Dayton, Ohio, USA, June 2003.

37. "A proposal for managing and engineering knowledge of stochastics in the quality movement" (with J. Shade and M. Ramahloto), European Safety and Reliability Conference (ESREL), Maastrich, Holland, June 2003.

38. "Statistical properties of internet based market research surveys" (with O. Kaplan and Y. Raanan), European Network for Business and Industrial Statistics (ENBIS) Third Annual Conference on Business and Industrial Statistics, Barcelona, Spain, August 2003.

39. "Six Sigma Perspectives on Stochastics for the Quality Movement" (with J. Shade and M. Ramahloto), European Network for Business and Industrial Statistics (ENBIS) Third Annual Conference on Business and Industrial Statistics, Barcelona, Spain, August 2003.

40. "The Integrated Model, Customer Satisfaction Surveys and Six Sigma". The First International Six Sigma Conference, CAMT, Wroclaw, Poland, January 2004.

41. "Enterprise System Implementation: The experience and methodology of BEST" (with M. Blat), 11th Annual conference of the Israeli Training Association, Tel Aviv, Israel, June 2004.

42. "Methods to Collect and Analyze Organizational Change Management Data: The BEST Approach" (with H. Buhl, S. Lombardo and P. Wognum), European Network for Business and Industrial Statistics (ENBIS) Fourth Annual Conference on Business and Industrial Statistics, Copenhagen, Denmark, September 2004.

43.   "On the Planning and Design of Sample Surveys", European Network for Business and Industrial Statistics (ENBIS) Fourth Annual Conference on Business and Industrial Statistics, Copenhagen, Denmark, September 2004.

44.   "Implementing SPC in record time" (with M. Miller and E. Kuperman), Proc. of the 15th International Quality Conference, Jerusalem, November 2004.

45.   "From q to Six Sigma, and back", Proc. of the 15th International Quality Conference, Jerusalem, November 2004.

46.   "Data analytic properties of the Shiryayev-Roberts control chart: some further results" (with M. Pollak), Proc. of The International Symposium on Stochastic Models in Reliability, Safety, Security and Logistics (SMRLO05), Beer Sheva, Israel, February 15-17th 2005.

47.   "Design of Experiments and Computer Simulations: aspects of design and analysis", (with D. Amberti) DEINDE, Torino, May 2005.

48.   "Bootstrap Analysis of Designed Experiments: Part II", European Network for Business and Industrial Statistics (ENBIS) Fifth Annual Conference on Business and Industrial Statistics, Newcastle, UK, September 2005.

49.   "Improvement of Electronic Designs using Stress Reduction" (with Y. Bot), Proc. of the 8th National Quality Conference, Tel Aviv, November 2005.

50.   "Project Management and Six Sigma" (with E. Kuperman and S. Gang), Proc. of the 8th. National Quality Conference, Tel Aviv, November 2005.

51.   "Quality and productivity at ChemAgis; From using statistical tools to six sigma" (with E. Urkin and A. Kost), Proc. of the 8th National Quality Conference, Tel Aviv, November 2005.

52.   "Radon survey of Israel" (with G. Haquin, T. Riemer, Y. Shamai, M. Margaliot, M. Shirav) , Proc. of the Conference of Nuclear societies in Israel, Dead Sea, February 2006. ftp://ftp.gsi.gov.il/radon/mmg-3530-05.pdf

53.   "Scale Up Optimization Using Simulation Experiments" (with Moshe Ben Tollila Simona Malca, Roberto Novoa and Benny Yoskovitch) 2006 Process Development Symposium: Learn from the Past, Plan for the Future, The American Institute of Chemical Engineers (AIChE), Palm Springs California, June 11-16, 2006.

54.   "Operational Risks in Enterprise System Implementation" (with E. Kuperman and Y. Raanan), European Network for Business and Industrial Statistics (ENBIS) Sixth Annual Conference on Business and Industrial Statistics, Wroclaw, Poland, September 2006.

55.   "Planning and executing organizational assessments using benchmarks of excellence" (with Y. Raanan and R. Corradetti), European Network for Business and Industrial Statistics (ENBIS) Sixth Annual Conference on Business and Industrial Statistics, Wroclaw, Poland, September 2006.

56.   "Excellence In Work Environment Quality: An introduction to The Pareto Plus model" (with E. Kuperman and H. Krothamer), Proc. of the 16th International Quality Conference, Tel Aviv, November 2006.

57.   "Risk Management Implementation: An Improvement on Project Management and Business Intelligence" (with E. Kuperman and Y. Raanan), Proc. of the 16th International Quality Conference, Tel Aviv, November 2006.

58.   "The Journey to Organizational Excellence in Eliashar Distribution Ltd." (in Hebrew with H. Nachshon, S. Harel and Y. Shuchmacher), Proc. of the 18th Annual Human Resources Conference in Israel, Tel Aviv, November 2006.

59.   "Sensitivity Analysis of Bayesian Networks with Stochastic Emulators", (with C. Cornalba and P. Giudici) ENBIS-DEINDE, Torino, Italy, April 2007.

60.   "On creating meaningful engagements in statistical consulting", QMOD, Helsingborg, Sweden, June 2007.

61.   "Risk Management Approach and Six Sigma Implementation in the Pharmaceutical Industry" (with N. Kalman, E. Urkin, A. Ingher, H. Shenkman and E. Kuperman). The 12th International Conference on Quality and Productivity Research, Tel Aviv, July 2007.

62.   "Validating clinical trials protocols with simulations" (with T. Greenfield). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.

63.   "The Statistical Efficiency Conjecture" (with A. De Frenne, X. Tort-Martorell, C. McCollin). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.

64.   "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.

65.   "Acceptance Sampling Plan Optimization in the Pharmaceutical Industry" (with B. Magenheim, E. Kuperman, E.Urkin and N. Kalman). Proc. of the 9th National Quality Conference, Tel Aviv, November 2007.

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 9th National Quality Conference, Tel Aviv, November 2007.

67.   "Managing Integrated Models: A new role for the Corporate Quality Manager". Proc. of the 9th 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, 2-4th, 2008.

69.   "Operational usability assessment using web statistics" (with A. Harel). Proc. of the 15th Industrial Engineering and Management Conference, Tel Aviv, March 19th, 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 10th, 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 4th, 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 - 18th, 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 19-20th, 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 - 28th, 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 1st, 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 22-24th, 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 22-24th, 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 22-24th, 2008.

82.   "User Interface Diagnosis by Statistics of the User Activity in Service Oriented Architectures" (with A. Harel). Proc. of the 5th Annual Israeli National Conference on Systems Engineering, INCOSE, Herzliya, March 2nd, 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 2nd, 2009.

84.   "Integrated Management: The New Challenge of Quality Management" Proc. of the 2nd Annual Quality Conference in Upper Galilee, Ort Braude College, Carmiel, Israel, May 26th, 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 - 5th, 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 18th, 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 - 25th, 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 - 24th, 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 9-11th, 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 22-24th, 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 22-24th, 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 22-24th, 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 22-24th, 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 22-24th, 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 - 26th, 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.
        Shafrir), 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 8-10th, 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 12-16th, 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-
        16th, 2010.

101.   "Statistical methods for scaling up blending process with simulation platforms ", 76th meeting
        of the Israel Chemical Society, Tel-Aviv, Feb 9-10th, 2010

102.   "Managing risks with data", ENBIS-DEINDE, Torino, Italy, March 17-18th, 2011.
        http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2355474

103.   "Statistics as a Profession", Statistica in Azienda, Torino, Italy, March 16th, 2011.

104.   "Managing risks with data", Annual Meeting of the Israel Statistical Association, Tel Aviv,
        May 25th, 2011.

105.   "Multivariate Statistical Process Control: an introduction", Workshop on Statistical Methods
        in Microelectronics, Catholic University, Milan, Italy, June 13th, 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 14th, 2011.

107. "Future Directions of Software Cybernetics: A Position Paper". Proc. of the 35th. Annual IEEE International Computer Software and Applications Conference (COMPSAC), Munich, Germany, July 18 – 21st, 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 4-8th, 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 4-8th, 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 19th, 2012. https://www.tsinghua.edu.cn/publish/csen/4927/2017/20170414151617774684580/201704141 51617774684580_.html

111. "Risk Management in In Vitro In Vivo Correlation (IVIVC)", (with S. Guzy), The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, June 6-7th, 2012.

112. "Adaptive Designs in Clinical Trials as a New Paradigm", The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, June 6-7th, 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 11-14th, 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 17-22nd, 2012.

115. "Do you want to make an impact with quantitative methods? Make sure you generate high InfoQ", 15th Toulon-Verona Conference on Excellence in Services, College of Management, Rishon Lezion, Israel, September 3-5th, 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 9-13th, 2012.

117. "Applied Bayesian Networks", Financial Engineering Seminar, NYU-Poly, New York, September 25th, 2012.

118. "Integrating Operational and Financial Risks", The 6th IsENBIS conference, Tel Aviv University, October 21st, 2012.

119. "Applications of Bayesian Networks to Operational Risks, Healthcare, Biotechnology and Customer Surveys", De Castro Statistics Initiative Seminar, Collegio Carlo Alberto, Turin, November 16th, 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 2nd, 2012. http://www.youtube.com/watch?v=WnW0lJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9Q oKA2bIy8CC&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 1st, 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 14-15th, 2013. https://www.motivp.com/shop/video/Do_you_want_to_make_an_impact_with_quantitative_methods_Make_sure_you_generate_high_InfoQ

123. "Process Improvement and CMMI for Systems and Software", Software Quality and Testing Industry Academia Symposium, Beer Sheba, May 28th, 2013.

124. "On doing fine work in statistics", Tel Aviv University Statistics Seminar, May 28th, 2013.

125. "On Generating High InfoQ with Bayesian Networks", RSS Journal Club, June 13th, 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 21th, 2013. http://euchina2013.ux.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 10th, 2013. http://www.youtube.com/embed/cOnGn7wfsS8?rel=0

128. "Managing Risk in Open Source Software Adoption" (with X. Franch et al), ICSOFT2013, 8th Intern. Joint Conference on Software technologies, Reykjavik, Iceland, July 29-31st, 2013 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 4th, 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 9-13th, 2013.

131. "Financial and Risk Applications of InfoQ", Topfer Chair Lecture Series, NYU, New York, September 24th, 2013. 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 22nd, 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 9-10th, 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 11th, 2013.

135. "Managing Risks with Data", UPC School of Industrial Engineering Seminar, Barcelona, Spain, December 12th, 2013.

136. "On the role of statistical thinking in quality management" (in Hebrew), Open University and Israel Standards Institute Conference, Raanana, Israel, December18th, 2013.

137. "On Measurement, Standards, Information and Insights: The linking Thread", Open University Conference on Measurement Uncertainty, Raanana, Israel, January 6th, 2014. http://www.openu.ac.il/Events/060114-eng.html

https://www.youtube.com/watch?v=KwLoIoD62ZA&index=17&list=PLEMOEwdRMCamZ
E3yLFBD4OgBOyjRV4qyB

138. "Field Experience of Measures in Systems Integration & Testing Phase using STAM Methodology" (with S. Assaraf), 54th Israel Annual Conference on Aerospace Sciences, February 19-20th, 2014.

139. "Statistics: A Life Cycle View", Second Hunter Research Conference, Phoenix, Arizona, March 11- 14th, 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 7th, 2014. https://sites.google.com/site/semstats/annee-2013-2014/seance-du-7-avril-2014?authuser=0

141. "On Generating High InfoQ with Bayesian Networks", ENBIS-SfdS, IHP, Paris, France, April 9-11th, 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 12-13th, 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 21-25th, 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 21-25th, 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 6th, 2014.

146. "On Generating High InfoQ with Bayesian Networks" Torino R Net, Turin, Italy, September 17th, 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 18-19th, 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 18-19th, 2014.

149. "The application of concept science in the professional development of teachers of mathematics and statistics" (with F. Arzarello, O. Robutti and U. Shafrir), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19th, 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- 25th, 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- 25th, 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, October 8-11th, 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 21st, 2014.

154.   "On Information Quality (InfoQ) of Official and Establishment Statistics" Washington Statistical Society Seminars, Washington DC, November 3rd, 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 5th, 2014. 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 7th, 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 11th, 2015.

158.   "On Bayesian networks and information quality (InfoQ)", Workshop on Bayesian Networks. Brescia, Italy, May 18th, 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 22nd, 2015.

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 1-5th, 2015.

161.   "Formative assessment in statistical education massive online open courses (MOOC)" (with U. Shafrir., F. Arzarello and O. Robutti), European Network for Business and Industrial Statistics (ENBIS) Spring Meeting, Barcelona, Spain, June 5th, 2015.

162.   "Information quality and official statistics", INGRID expert workshop on local statistics for decision-making on well-being and vulnerability, Livorno, Italy, June 15-17th, 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 18th, 2015. http://www.publicators.com/app/dms.asp?ms_id=14014 https://www.youtube.com/watch?v=_VWI9mWpgmw&index=3&list=PLEMOEwdRMCanD Nnl3M0u_MQeP_0mWqpuu

164.   "Introduction to Compositional Data Analysis with Applications to Customer Survey Analysis" (with Marina Vives-Mestres and J.A. Martín-Fernández) ENBIS 2015, Czech Technical University, Prague, September 6-10th, 2015.

165.   "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 8th, 2015.

166.   "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality (InfoQ)" Statistics Seminar, Binghamton University, Binghamton, New York, September 24th, 2015. https://www2.math.binghamton.edu/p/seminars/stat/09242015

167.   "Enhancing Information Quality via Official Statistics Data Integration" (with L. Dalla Valle) 8th International Conference of the ERCSIM WG on Computational and Methodological Statistics, CMStatistics2015, London, UK, December 12-14th 2015.

168.   "On Teaching Statistics in MOOC with Formative Assessment", Open University Research Center for Innovation in Learning Technologies and Israel Statistical Association Conference,

Raanana, Israel, January 24th, 2016.
https://www.youtube.com/watch?v=S1yCI63ZFO8&list=PLEMOEwdRMCalMKAxRYSpXt7o3Uyf2MPS-&index=2

169. "Optimizing System Design Under Degrading Failure Agents " (with A. Engel, S. Shahar and Y. Reich). Proc. of the International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management (SMRLO16), Beer Sheva, Israel, February 15-18th, 2016.

170. "Meaning equivalence: A methodological tool for assessing deep understanding " (with O. Robutti, F. Arzarello, P. Carante, T. Prodromou and U. Shafrir). Proc. of the 10th annual International Technology, Education and Development Conference, INTED2016, Valencia, Spain, March 7- 9th, 2016.

171. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality", First Conference on Applied mathematics in Engineering and Reliability (ICAMER 2016), Ho Chi Min City, Vietnam, May 5-6th, 2016.
https://www.youtube.com/watch?v=NlvGh0Dcsi4

172. "How should one teach the introductory course in Statistics?", 48èmes Journées de Statistique de la Société Française de Statistique (SFdS), Montpellier, France, May 28th, 2016.

173. "Understanding association rules from a compositional data approach" (with Josep-Antoni Martín-Fernández and Marina Vives-Mestres). SIS 2016, 48th Meeting of the Italian Statistical Society, Università di Salerno, Italy, June 8-10th, 2016.

174. "Association rules and compositional data analysis: implications to big data " (with J.-A. Martín-Fernández, , S. Thió-Henestrosa and M. Vives-Mestres). 7th International Workshop on Compositional Data Analysis, Abbadia San Salvatore (Siena) Italy, June 5-9, 2017.

.
175. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality" TUE Stochastics Colloquium, Eindhoven, June 1st, 2017.

176. "The Information Quality Framework for Evaluating Manufacturing 4.0 Analytics" Distinguished Lecture, TUE Data Science Center Eindhoven, June 1st, 2017.
https://www.eventbrite.nl/e/dsce-distinguished-lecture-ron-s-kenett-the-information-quality-framework-for-evaluating-tickets-33578923464#
https://www.tue.nl/en/mathematics-and-computer-science/news/13-04-2017-distinguished-lectures-dsce

177. "Social media big data integration: a new approach based on calibration" (with L. Dalla Valle). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14th, 2017.

178. "Association rules and compositional data analysis: implications to big data" (with J.-A. Martín-Fernández, and S. Thió-Henestrosa). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14th, 2017.

179. "Bayesian Networks in Survey Data: Robustness and Sensitivity Issues" (with S. Salini and F. Cugnata). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14th, 2017.

180. "Analysis of Drivers of Football Match Outcomes with Data Mining: A Benchmarking Study of Italian and Israeli Statistics", Workshop on Big Data Analytics in Sports. Brescia, Italy, November 17th, 2017.

181. "The relevance of Big Data and Data Science to Maintenance and Reliability", Open University isENBIS and ISQ Conference, Raanana, Israel, February 7th, 2018.
https://www.publicators.com/app/dms.asp?ms_id=20157

182. "Information Quality (InfoQ) and Advanced Manufacturing: A Journey through science and applied statistics". Symposium on Digitalization and Big Data in Biotech & Pharma, ETH, Zurich, June 6th, 2018.

183. "Big data in monitoring and predictive maintenance of complex systems". The Seventh Israeli PHM Conference, Herzelia, June 28th, 2018.

184. "On information quality (InfoQ) and customer surveys". ISBIS 2018 Meeting on Statistics in Business and Industry, Piraeus, July 5-6th, 2018.

185. "Systems Engineering, Data Analytics, and System Thinking: Moving Ahead to New and More Complex Challenges" (with R. Swarz and A. Zonneshain). INCOSE 2018, Washington DC, USA, July 9-14th, 2018.

186. "The Real Work of Data Science: How to turn data into information, better decisions, and stronger organizations" ENBIS 2018, Ecoles des Mines, Nancy, September 2-6th, 2018.

187. "Applications and theoretical results of association rules and compositional data analysis: a contingency table perspective" (with J.-A. Martín-Fernández, , S. Thió-Henestrosa and M. Vives-Mestres). ASMOD 2018, Proceedings of the International Conference on Advances in Statistical Modelling of Ordinal Data, Naples, 24-26 October 2018.

188. "Data Readiness as a vehicle to reduce Data Downtime and foster best practice in data science" (with V. Schneider, H. Uyeme, J. Vanschoren, M. Girolami, M. Hodkiewicz and N. Lawrence. ENBIS 2019, Eötvös Loránd University, Budapest, September 2-5th, 2019.

189. "Statistics, Systems Engineering, and Data Science: Moving Ahead to New and More Complex Challenges" (with R. Swarz and A. Zonnenshain). ENBIS 2019, Eötvös Loránd University, Budapest, September 2-5th, 2019.

190. "Causality assessment in Industry 4.0 applications". INFORMS 2019, Seattle, October 20-24th, 2019.

191. "Information Quality, the challenge of the data science age". INFORMS 2019, Seattle, October 20-24th, 2019.

192. "An analysis of COVID19 related data in Israel", https://ecmiindmath.org/2020/10/25/cover-covid-19-empirical-research/, ECMI, 25th October, 2020

193. "Quality aspects of the information delivered to rescue teams and individuals for decision making" HSI WG International Workshop, http://hsi-workshop-2020.har-el.com/PreRecordings/Ron-Kenett.mp4, 27-29th October, 2020.

194. "Adversarial AI within Healthcare" https://www.hubit-project.eu/Agenda_CybersecuritywithinHealthcareSystems.pdf Cybersecurity within Healthcare Systems, 17th February, 2021.

195. "Maximizing Data Science Success with Information Quality (InfoQ) and JMP" JMP European Summit, https://community.jmp.com/t5/Discovery-Summit-Europe-2021/Maximizing-Data-Science-Success-with-Information-Quality-InfoQ/ta-p/349217 11th March, 2021.

196. "Bootstrapping, cross validation and SVEM: Differences and similarities with applications to industrial processes" ENBIS Spring Meeting https://www.youtube.com/watch?v=Yi-e4sMK5tA 18th May, 2021.

197. "p-value, s-value, b-value, d-value,… what else ? The probability of being out of specification: An Ode to Tolerance" with B. Francq) The ISCB conference, Newcastle University, UK, 2022.

198.   "p-value, s-value, b-value, d-value,… what else ? The probability of being out of specification: An Ode to Tolerance" (with B. Francq) Non-Clinical Stat (NCS) conference, Louvain-la-Neuve, Belgium, 2022

199.   "From Engineering the Design to Engineering the Performance". The Tenth Israeli PHM Conference, Ramat Efal, December 28th, 2022.

200.   "Context, fake news, art generators, adversarial AI and emotions" University Centre for Statistics in the Biomedical Sciences (CUSSB),January 27th, 2022.

201   "On statistical education with the piston simulator" ENBIS 2022, NTNU, Trondhein, Norway, June 26-30th, 2022. https://www.youtube.com/watch?v=525fLwMwwiE&t=175s

202.   "Digital Twins and Engineering for Performance" ENBIS Spring Meeting on Digital Twins Copenhagen, Denmark, May 25 26th, 2023.

203.   "Context, fake news, art generators, adversarial AI and emotions" University Centre for Statistics in the Biomedical Sciences (CUSSB), Milan, January 27th, 2023.

204.   "Engineering, big data and the future" Alan Tayler memorial lecture, 22nd ECMI Conference on Industrial and Applied Mathematics, Wrocław, Poland, 26-30th June 2023,

205.   "Befitting Cross Validation (BCV)" IES, Pescara, Italy, August 30th, 2023.

206.   "Predictive Analytics, Causality and Sensitivity Analysis of Association Rules" (with Chris Gotwalt), 9th CARME conference, University of Bonn, Germany, 26-29th September, 2023

207.   "Development of an Operational Digital Twin of a Locomotive Braking System Solenoid Valve for Fault Classification (with G. Davidyan and J. Bortman), 4th Asia Pacific Conference of the Prognostics and Health Management, Tokyo, Japan, Sept. 11 – 14, 2023.

208.   "Qualitative research or Quantitative research: A case study in integration" (R. Gal, E. Adres, N. Ali and H. Glickman) Annual meeting of the Israel Psychometric Association, 2024. https://www.ispa.org.il/_files/ugd/295104_37218306f66f45889654c2c540bfedd1.pdf

209.   "Different goals, different models: How to use models to sharpen your questions " The 21th Conference of the Applied Stochastic Models and Data Analysis International Society ASMDA2025, 10 - 13 June 2025, Piraeus, Greece, 2024, https://www.asmda.es/asmda2025committees.html

Publications and podcasts at Samuel Neaman Institute, Technion, Israel
https://www.neaman.org.il/EN/Ron-Kenett
https://podcasters.spotify.com/pod/show/samuel-neaman-insti/episodes/ep-e23g2g3
https://www.neaman.org.il/en/?s=Kenett&lang=en
https://m.facebook.com/NeamanInstitute/videos/discover-the-future-of-engineering-optimization-and-performance-engineering-firs/3451829811629724/
https://www.facebook.com/watch/?v=828078275958158
https://www.facebook.com/NeamanInstitute/videos/dive-into-the-forefront-of-academic-research-in-text-analytics-with-prof-ron-ken/822277433102695/
https://lnkd.in/eNBQeyMN
https://lnkd.in/duQzNqJ2
https://media.licdn.com/dms/image/v2/D4D22AQFLaFG4XQ8j3Q/feedshare-shrink_800/feedshare-shrink_800/0/1700734505252?e=1730332800&v=beta&t=y8YlIx4fYlhil5D9Bn5v0EyYhzJK__9c9wJVn003_9Ahttps://lnkd.in/d7UVSaGD
https://lnkd.in/dztt_4Nn
https://lnkd.in/d3CPHYFW
https://lnkd.in/d_bk9x_X
https://lnkd.in/dPKAewup
https://lnkd.in/dPSWTHY9
https://lnkd.in/d5ce6jPW

Publications at Carlo Alberto and UNITO, Turin, Italy

https://www.carloalberto.org/wp-content/uploads/2022/01/667-copia.pdf

Lists of Books
https://www.books-by-isbn.com/authors/ron/kenett/
https://www.books-by-isbn.com/authors/ron/s/kenett/
www.amazon.com/author/rkenett
https://shepherd.com/best-books/how-numbers-turn-into-information

Software applications:
- RLD, implemented in the *arules R Package*. June 11, 2008, Version 0.6-6, *Mining Association Rules and Frequent Itemsets* by M. Hahsler, C. Buchta, B. Gruen and K. 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
- R package for robust and sensitivity analysis of Bayesian networks: http://users.unimi.it/salini/RSBN/Rcodes.zip

Expert witness in Israeli courts:
Expert witness in litigations over performance and characteristics of systems and services. Expert opinion in ecological, epidemiological and biostatistics issues. See, for example, IPI versus Haifa Municipality   30264/97. http://www.ice.co.il/media/news/article/352620

InfoQ website:
https://sites.google.com/site/datainfoq
https://infoq.galitshmueli.com/
https://sites.google.com/site/datainfoq?fbclid=IwAR0rBSBVnF5ogjKFO-OmXAsyugQgiQVBSlsa-0_o16enjG79p31qGgj-t2I

Memberships in professional societies, awards and recognition in professional publications:
- Alan Tayler Memorial Lecture, European Consortium for Mathematics in Industry, 2023.
- Life achievement award, Israel Society for Quality, 2022
- Member of the International Board, The University Center for Statistics in the Biomedical Sciences (CUSSB), https://cussb.unisr.it
- Honorary member European Network for Business and Industrial Statistics, 2020
- George Box Medalist, European Network for Business and Industrial Statistics, 2018
- Greenfield Medalist, Royal Statistical Society, 2013
- President, Israel Statistical Association, 2011-2013
- Member of the Public Advisory Council for Statistics Israel, 2011-present
- 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
- Member of the Wingate College Academic Board 2013-2022
- Fellow, European Alliance for Innovation
- 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
- INFORMS, member of the QSR Advisory Board, https://connect.informs.org/qsr/officers/leadership
- Listed in American Men and Women of Science, Who's Who in Science and Engineering, and in Baron's Who's Who in Banking and Finance

News, interviews, blogs, 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 34th minute), http://tvslo.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=WnW0lJZ6oKI&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**,** 21/3/2013.

9. *Panel on Industrial Statistics* (in Hebrew), Open University ISQ joint Meeting**,** Raanana, Israel, 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: https://www.statisticsviews.com/article/for-survival-statistics-as-a-profession-needs-to-provide-added-value-to-fellow-scientists-or-customers-in-business-and-industry-an-interview-with-professor-ron-kenett-winner-of-2013-greenfield/

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.youtube.com/embed/cOnGn7wfsS8?rel=0

14, *Statistically Speaking,* Weizmann Institute Alumni Newsletter, 23/7/2013 http://www.publicators.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

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. https://www.youtube.com/watch?v=_VWI9mWpgmw&index=3&list=PLEMOEwdRMCanDNnl3M0u_MQeP_0mWqpuu, 18/6/2015.

20. Reproducibility paper in Nature Methods mentioned in Statistics Views: **ht**tp://www.statisticsviews.com/details/news/8274061/Clarifying-terminology-that-describes-reproducibility.html

21. Announcement of 2015 Greenfield challenge award: http://www.statisticsviews.com/details/news/8283102/Statistics-Views-wins-Greenfield-Challenge.html

22. *On Teaching Statistics in MOOC with Formative Assessment*, Open University Research Center for Innovation in Learning Technologies, Raanana, Israel. https://www.youtube.com/watch?v=S1yCI63ZFO8&list=PLEMOEwdRMCalMKAxRYSpXt7o3Uyf2MPS-&index=2, 24/1/2016.

23. *Reliability, Maintainability, SPC and DoE: What happened in the last 30 years*. Open University and Israel ENBIS Conference, Raanana, Israel. https://www.youtube.com/watch?v=N1Xk38zHQqg&list=PLEMOEwdRMCak3FQ27WlC0OTslZSgeSD0Q&index=2 11/1/2017.

24. *From Quality by Design (QbD) to Information Quality (InfoQ): A Journey through science and business analytics, plenary talk at JMP Summit (starts at 5:20),* Prague https://community.jmp.com/t5/Discovery-Summit-Europe-2017/Plenary-Session-From-Quality-by-Design-to-Information-Quality-A/ta-p/37537 23/3/2017.

25. *The Information Quality Framework for Evaluating Manufacturing 4.0 Analytics,* Data Science Center Eindhoven (DSC/e) Distinguished Lecture Series, TUE, Eindhoven, event, presentation, pictures, 1/6/2017.

26. *Election surveys in the age of new media and data science.* Open University Conference on Public Policy and Politics in the age of Big Data and Likes, Raanana, Israel https://www.youtube.com/watch?v=l76Swg_xLmc 24/12/2017

27. *Information quality in the golden age of analytics.* JMP analytically speaking series interview and blog post 17/7/2018.

28. ASA SSI Blog (requires registration): http://community.amstat.org/communities/community-home/digestviewer?communitykey=455d8623-185f-4e27-a33a-f2883ec8edbf&tab=digestviewer

29. ISBIS Blog: https://blogisbis.wordpress.com/2017/10/24/to-p-or-not-to-p-my-thoughts-on-the-asa-symposium-on-statistical-inference/

30. *The Real Work of Data Science: How to turn data into information, better decisions, and stronger organization*s. 2018.Box Medal Presentation, Nancy, France. https://enbis.org/media-centre/ron-kenett-the-real-work-of-data-science-how-to-turn-data-into-information-better-decisions-and-stronger-organizations/ https://youtu.be/gHoeeuuwcPs 6/9/18.

31. *Introduction to SPCLive* (in Hebrew), https://vimeo.com/293305059 (pwd: 2004)

32. *Introduction to SPCLive (*short*),* https://vimeo.com/285180512, https://www.youtube.com/watch?v=UPYTnFx8M2A&list=PLMCuIG3AKGww8SgP0JQGOXqxu2bFThhIS&index=7&t=0s

33. *Youtube playlists* https://www.youtube.com/channel/UC-yFL1IH2nYrWZ4dOljiQ1w/playlists

34. *ISBIS Blog* https://blogisbis.wordpress.com/2018/11/20/videos-with-ron-kenett/

35. Statisticall festival, interview on information quality, Treviso, Italy https://www.youtube.com/watch?v=cB-GgfAo358&list=PL0vceHDeWbojM7C9JqPXr0TfoCDpsVP3a&index=9 , 20/9/2019.

36. Election polls aren't broken, but they still can't predict the future, *knowable magazine*, https://www.knowablemagazine.org/article/society/2019/election-polls-arent-broken-they-still-cant-predict-future, 5/11/2019.

37. Podcast on The Real work of Data Science (in Hebrew) https://www.youtube.com/watch?v=ojswQjd0bzE , 19/11/2019.

38. ENBIS COVID-19 WEBINAR SERIES: Analytics in Industry 4.0 with some Covid-19 Implications, 24/4/2020 https://www.youtube.com/watch?v=sUZGFX10mK0&list=PLMCuIG3AKGww8SgP0JQGOXqxu2bFThhIS&index=31

39. Statistics controversies from the perspective of industrial statistics, Andrew Gelman blog https://statmodeling.stat.columbia.edu/2020/05/02/statistics-controversies-from-the-perspective-of-industrial-statistics/ , 3.5.2020

40. A QbD update: Current and future trends in Quality by Design, 24/4/2020, https://community.jmp.com/t5/JMP-Blog/A-QbD-update-Current-and-future-trends-in-Quality-by-Design/ba-p/258425

41. Analytic work in Industry 4.0 applications: A checklist, 6/5/2020, https://community.jmp.com/t5/JMP-Blog/Analytic-work-in-Industry-4-0-applications-A-checklist/ba-p/264864

42. Systems engineering and Industry 4.0 (in Hebrew) AEAI lecture series. 3/5/2020 https://www.youtube.com/watch?v=tZ56c9kScrQ&list=PLMCuIG3AKGww8SgP0JQGOXqxu2bFThhIS&index=34&t=8s

43. Analytics in Industry 4.0 applications (in Hebrew) AEAI lecture series. 4/5/2020 https://www.youtube.com/watch?v=eIsbbDSRzp0&list=PLMCuIG3AKGww8SgP0JQGOXqxu2bFThhIS&index=32&t=2591s

44. Assessing organizational maturity towards Industry 4.0 with the IMAM model (in Hebrew) AEAI lecture series. 5/5/2020 https://www.youtube.com/watch?v=NbiRHHBCX2Y&list=PLMCuIG3AKGww8SgP0JQGOXqxu2bFThhIS&index=33&t=470s

45. A/A testing and decisioning making in experimentation, https://www.dynamicyield.com/lesson/aa-testing-in-experimentation/, https://dynamicyield.wistia.com/medias/nxj3rs4nvx

46. Guidelines for running effective Bayesian A/B tests, https://www.dynamicyield.com/lesson/running-effective-bayesian-ab-tests/, https://dynamicyield.wistia.com/medias/9q3a9gps1j

47. Lecture notes on analytics, University of Milan 1.2020, https://ceeds.unimi.it/prof-ron-kenett-short-course-in-data-science/

48. Corona related articles in Hebrew: https://www.jokopost.com/medecine/25251 https://www.jokopost.com/medecine/25431/

49. Interview in Italian TV SkyTG24 on COVID 1/2/2021 https://youtu.be/tjHna5pYw88

50. JMP discovery summit https://community.jmp.com/t5/Discovery-Summit-Europe-2021/Maximizing-Data-Science-Success-with-Information-Quality-InfoQ/ta-p/349217 , 11/3/2021

51. Cybersecurity in Healthcare - HUB-IT International Workshop, 17/2/2021 https://www.youtube.com/watch?v=ChL69rTrmOc
52. ENBIS Spring Meeting https://www.youtube.com/watch?v=Yi-e4sMK5tA 18th May, 2021
53. JMP Discovery promo https://www.youtube.com/watch?v=S9tuGf2d-R0 Match 21, 2021
54. Interview in ISI course on communicating statistics https://youtu.be/tjHna5pYw88
55. Gordon conference on digital engineering, https://gordon-se.technion.ac.il/levin-day-18-19-1-2022/
56. MOX colloquium, https://mox.polimi.it/mox-seminars/?id_evento=2120 10.2.2022
57. Analytic education and simulations (Minute 32), Open university Data Science and Education, https://www.youtube.com/watch?v=eaxFb2Pb3Cc, 16.2.2022
58. Blog on election polls https://besthightechstore.com/election-polls-arent-broken-but-they-still-cant-predict-the-future/ 4.5.2022
59. Podcast by Opher Etzion from Zfat academic college https://www.youtube.com/watch?v=oHn-jXHm46c ,16.6.2022
60. JMP Israel User Meeting, Turning data into information, better decisions, and stronger organization https://community.jmp.com/t5/Israel-JMP-Users-%D7%A7%D7%91%D7%95%D7%A6%D7%AA-%D7%9E%D7%A9%D7%AA%D7%9E%D7%A9%D7%99%D7%9D/Turning-data-into-information-better-decisions-and-stronger/m-p/544934 15/9/2022
61. Podcast of Samuel Neaman Institute https://youtu.be/DylilqGmc54, 6.11.2022
62. A journey in random forests and penalized regression in an industrial classification problem: How to use models to sharpen your questions, JMP US Discovery 2022, https://www.youtube.com/watch?v=kXbdZM4kfzk
63. The best books on how numbers turn into information: the challenge of analytics https://shepherd.com/best-books/how-numbers-turn-into-information
64. Engineering, emulators, digital twins and performance engineering, Data Centric Engineering (DCE) Webinar, https://www.youtube.com/watch?v=zC48sQLjEYQ 6/12/2023.
65. Panel on innovation, excellence and quality in Israel, Israel Society for Quality conference, 28/2/2024, https://x.com/samuelneaman1/status/1763197810977943596
66. Deborah Mayo error statistics blog 12/7/2024 https://errorstatistics.com/2024/07/11/guest-post-ron-kenett-whats-happening-in-statistical-practice-since-the-abandon-statistical-significance-call-5-years-ago/
67. The merging paths of Statistics, Quality and AI, ISQ webinar (in Hebrew), 12 2 2025

Editorial activities:
o *Applied Stochastic Models in Business and Industry*, associate editor and special issue editor
o *Dynamic Relationships Management Journal*, member of the editorial board, 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/
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*, member of the first standing review board, past member of the editorial review board and editor of the World View column
o *Quality Engineering*, member of the review board
o *Quality Technology and Quantitative Management*, member of the advisory board, special issues editor and past editor in chief for Europe, http://www.tandfonline.com/ttqm
o *Statistica Applicata*, Italian Journal of Applied Statistics, member of the advisory board and special issue editor. https://www.sa-ijas.org/ojs/index.php/sa-ijas/about/editorialTeam
o *StatsRef*, editor in chief, https://onlinelibrary.wiley.com/page/book/10.1002/9781118445112/homepage/editorscontributors.html
o *Transactions on Machine Learning and Data Mining*, associate editor, http://www.ibai-publishing.org/journal/mldm/about.php
o *Statistics for Industry*, *Technology and Engineering (SITE)*, Springer Birkhauser, member of the advisory board, http://www.springer.com/series/15677
o *Journal of Risk and Financial Management,* member of the review board. https://www.mdpi.com/journal/jrfm
o *Frontiers in Artificial Intelligence,* special issue editor: The Digital Twin in the Industry 4.0 Revolution: Challenges in Model Integration, Simulations, and Data Analysis.
o *Data Centric Engineering*, member of the advisory board, Cambridge University Press, https://www.cambridge.org/core/journals/data-centric-engineering,
o *Social Indicators Research*, member of the editorial board, Springer Nature, https://www.springer.com/journal/11205

o *Life Cycle Reliability and Safety Engineering,* member of the editorial board, Springer Nature, https://www.springer.com/journal/41872/editors
o *Scientific Reports.,* member of the editorial board, Springer Nature

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 Chemometrics and Intelligent Laboratory Systems, 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 Engineering Science and Technology, reviewer
o European Journal of Industrial Engineering, reviewer
o Evaluation Review, reviewer
o Frontiers in Applied Mathematics and Statistics – Statistics, Associate Editor
o Frontiers in Artificial Intelligence, Special Topic Editor
o Government Information Quarterly, reviewer
o ICT in Education, Research, and Industrial Application (ICTERI), reviewer
o IEEE Computer Systems and Applications (COMPSAC), reviewer and conference organizer
o IET Software, reviewer
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 Information Technology and Decision Making, reviewer
o International Journal of Medical Informatics, reviewer
o International Journal of Six Sigma and Competitive Advantage, reviewer
o International Statistical Review, reviewer
o Journal of Applied Mathematics, reviewer
o Journal of Applied Statistics, reviewer
o Journal of Classification, reviewer
o Journal of Information Security and Applications, reviewer
o Journal of Immunology Research, reviewer
o Journal of Quality Technology (JQT), reviewer and discussant
o Journal of Statistical Planning and Inference, reviewer
o Journal of the Royal Statistical Society (JRSS), Series A and C, reviewer and discussant
o Journal of Transport Policy, reviewer
o Journal of Zhejiang University-SCIENCE A, reviewer
o Innovative food science and emerging technologies, reviewer
o Management and Production Engineering Review, http://mper.org/mper, reviewer
o Management Science, reviewer
o Measurement, reviewer
o Mathematics Education Research Journal , reviewer
o Methodology and Computing in Applied Probability, reviewer
o Operations Research and Decisions, reviewer
o Proceedings of the National Academy of Science, reviewer
o Quality and Quantity, reviewer
o Quality and Reliability Engineering International (QREI), reviewer, special issue editor
o Quality Engineering, reviewer and discussant
o Quality Technology and Quantitative Management, reviewer, special issue editor
o Reliability Engineering and System Safety, reviewer
o Risk Analysis, reviewer
o Sensors, reviewer
o Simulation Modeling, Practice and Theory, reviewer
o Springer, Social Indicators Research, reviewer
o Socio-Economic Planning Sciences, special issue editor
o Sociological Methods and Research, reviewer
o Software Quality Journal, reviewer

o Statistics in Biopharmaceutical Research, reviewer
o Statistics in Medicine, reviewer
o Statistics Education Research Journal (SERJ)
o Statistical Methods and Applications, reviewer
o Sustainability, reviewer
o Systems, reviewer
o Systems Engineering, reviewer
o Technological Forecasting and Social Change, reviewer
o Technometrics, reviewer
o The International Journal of Human Resource Management, reviewer
o The Service Industries Journal, reviewer
o Transactions on Intelligent Systems and Technology, reviewer
o Transactions on Internet Technology, reviewer
o Vaccines, reviewer

Organization of Conferences (partial list)
COMPSAC Conférences :
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/wrmocc.php
http://compsac.cs.iastate.edu/iwsc2014.php
https://www.computer.org/web/compsac2017

ENBIS DEINDE SFdS ECAS Conférences :
http://web.econ.unito.it/deinde07/
http://www.diegodecastro.it/eventi/deinde.pdf
http://calvino.polito.it/enbis_deinde_2011/
http://springmeeting2014.sfds.asso.fr/
http://torinoqcscs2.wordpress.com/scadenze/
https://www.sfds.asso.fr//fr/activites/608-journees_detude_en_statistique/
https://enbis.org/activities/events/current/616_ENBIS_19_Pre_Conference_Event__Joint_ECAS_ENBIS_1_Day_Summer_Course/

Quality by Design in Pharma Conferences:
http://www.kpa-group.com/en/about-kpa/about-kpa-1/news-and-events/StemCellQbDIntegratedWorkshop152013.pdf
http://www.statistics.org.il/2013/04/936
https://www.yumpu.com/en/document/view/27624125/3qbd-program-information-and-registration-form-continuing-
https://www.slideshare.net/Anochi/4-th-conference-preliminary-program-v4u1

AEAI Data Science Conferences:
https://www.aeai.org.il/digital-twin-conference-en/
https://www.aeai.org.il/digital-twin-conference/
https://www.aeai.org.il/activity/responsible-ai-conference/
https://www.youtube.com/watch?v=XhpXMoMdMzc

Membership in conferences program committees (partial list)
1. SWSTE2012   IEEE International Conference on Software – Science, Technology & Engineering
2. IWSC08 International Workshop on Software Cybernetics
3. SOSE 2010 5th IEEE International Symposium on Service-Oriented System Engineering
4. SoEA4EE'2011 Third Int Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
5. ICTERI 2012 ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer
6. SoEA4EE'2012 Fourth Int Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
7. SoEA4EE'2013 Fifth Intl Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
8. KMO2013 The 2013 International Conference on Knowledge Management in Organizations
9. OSS2014 10th International Conference on Open Source Systems
10. SoEA4EE'2014 The 6th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
11. CoBI 2014 International Workshop on Capability-oriented Business Informatics
12. asd14 Analyzing Software Data

13. COMPSAC 2014 38th Annual International Computers, Software & Applications Conference
14. PoEM 2014 7th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling
15. SCECR 2014 Statistical Challenges in eCommerce Research
16. RCIS 2015 IEEE Ninth International Conference on Research Challenges in Information Science
17. RISK2014 2nd International Workshop on Risk Assessment and Risk-driven Testing
18. IWSC 2015 12th International Workshop on Software Cybernetics
19. OSS2015 11th International Conference on Open Source Systems
20. RISK2015 3rd International Workshop on Risk Assessment and Risk-Driven Testing
21. SoEA4EE'2015 The 7th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
22. PoEM 2015 IFIP WG 8.1 working conference on the Practice of Enterprise Modelling
23. CoBI 2015 Second International Workshop on Capability-oriented Business Informatics
24. QS-CCS15 Quantifying Science
25. SMRLO 2016 The Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management
26. SoEA4EE'2016 The 8th Workshop on Service Oriented Enterprise Architecture for Enterprise Eng.
27. AISTQ2016 Academia – Industry Software Quality & Testing
28. RISK2016 4th International Workshop on Risk Assessment and Risk-driven Quality Assurance
29. SoEA4EE'2017 The 9th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng,
30. IS_INCOSE 2018
31. INCOSE International Symposium 2018 Panel
32. DMM2018 Data Mining in Marketing DMM 2018
33. SoEA4EE'2018 The 10th workshop on Service oriented Enterprise Architecture for Enterprise Eng,
34. COMPSAC2019 IEEE Comp Soc Signature Conference on Computers, Software and Applications
35. SoEA4EE'2019 The 11th workshop on Service oriented Enterprise Architecture for Enterprise Eng.

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
- FP5: BEST (Better Enterprise SysTem implementation, IST Project No. IST-2001-35385) 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
- FP7: RISCOSS (Managing Risk and Costs in Open Source Software Adoption. Project No. FP7 318249) http://www.riscoss.eu/
- H2020: Member of the LEaDing Fellows Panel, http://leadingfellows.eu/

Most cited papers (over 300 citations)
- *Quality Engineering*: "Quality 4.0—the challenging future of quality engineering" 32(4). pp. 614-626, 2020
- *Quality Reliability Engineering International*: "The digital twin in Industry 4.0: a wide-angle perspective" 38(3), pp. 1357-1366, 2022

Membership in academic advisory boards
o Member of the International Board, The Milan San Raffaele University Center for Statistics in the Biomedical Sciences (CUSSB), https://cussb.unisr.it
o Member of the Public Advisory Council for Statistics, Israel https://www.cbs.gov.il/he/About/StatisticsOrdirance/Pages/%D7%97%D7%91%D7%A8%D7%99-%D7%94%D7%9E%D7%95%D7%A2%D7%A6%D7%94.aspx
o Member of STRAIN, the Sports – Training and Research in DAta ScIence Methods for ANalytics and INjury Prevention Group, https://s-training.eu/Ron%20Kenett.html
o INFORMS, member of the QSR Advisory Board, https://connect.informs.org/qsr/officers/leadership
o DSRC, University of Haifa Data Science Research Center, Member of the Advisory Board, https://dsrc.haifa.ac.il/index.php/people/advisory-board