

DAVID M. STEINBERG

Curriculum Vitae
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Department of Statistics and Operations Research
School of Mathematical Sciences
Tel-Aviv University
email: dms@post.tau.ac.il
Phone: 03-6408035
Fax: 03-6409357

ID Number 01701876
Home Address: Rav Ashi Street 7/41, Tel Aviv
Phone: 03-6416715
Date of birth: November 23, 1951
Marital status: Married + 3

EDUCATION

1975-1978 B.Sc. in Mathematics, Tel-Aviv University
1979-1983 Ph.D. in Statistics, University of Wisconsin-Madison
Title of Ph.D. Thesis: Bayesian models for response surfaces and their implications for experimental design
Name of Supervisor: Professor George E.P. Box

ACADEMIC AND PROFESSIONAL EXPERIENCE

1980-1982 Statistical consultant with the Statistical Laboratory,
Department of Statistics, University of Wisconsin-Madison
1982-1983 Research assistant to Professor George Box at the
Mathematics Research Center, University of Wisconsin-
Madison
1980-1983 Post-doctoral fellow in Statistics at the Mathematics
Research Center, University of Wisconsin-Madison; and
lecturer in the Department of Statistics, University of
Wisconsin-Madison.

- 1984-1986 National Science Foundation Post-doctoral fellow in Statistics at Stanford University (1984-1985) and Tel Aviv University (1985-1986).
- 1985-1989 Lecturer, Department of Statistics, Tel-Aviv University
- 1989-1998 Senior Lecturer, Department of Statistics and Operations Research, Tel-Aviv University
- 1992-1993 Visiting Professor, Department of Statistics and Center for Quality and Productivity Improvement, University of Wisconsin-Madison
- 1994- Senior Consultant, *KPA Ltd.*, The *KPA* Center for Robust Design and Industrial Statistics, Raanana, Israel
- 1998- 2005 Associate Professor, Department of Statistics and Operations Research, Tel-Aviv University
- 2005 - Full Professor, Department of Statistics and Operations Research, Tel-Aviv University
- 2007 Visiting Senior Researcher, SAMSI, Research Triangle Park, North Carolina
- 2018 - Gordon Chair in Probabilistic Mathematics, Tel-Aviv University

OTHER ACTIVITIES

- June 1998 Representative of the State of Israel to the IDC Technical Experts Meeting on Seismic Monitoring of the Comprehensive Test Ban Treaty, Vienna.
- May 1999 Representative of the State of Israel to the IDC Technical Experts Meeting on Seismic and Hydroacoustic Monitoring of the Comprehensive Test Ban Treaty, Vienna.
- Nov 2000 Representative of the State of Israel to the IDC Technical Experts Meeting on Seismic and Hydroacoustic Monitoring of the Comprehensive Test Ban Treaty, Alice Springs, Australia.

Consultant to

- Israel Atomic Energy Commission,
- Serono Biotech
- Interpharm

- Israel National Study on Acute Lymphatic Leukemia
- Institute of Thrombosis and Hemostasis (Sheba Medical Center),
- Israel Ministry of Defense
- Lucy Cohen Center for Public Opinion Research
- Faculties of Medicine and Life Sciences (Tel Aviv University)

ACADEMIC AND PROFESSIONAL AWARDS

- 1992 Awarded National Science Foundation Post-Doctoral Fellowship
- 1983 Awarded Allon Fellowship at Tel Aviv University
- 1993 Youden Award for best expository paper in *Technometrics* in 1984, for paper with W.G. Hunter
- 1994 Award for best contributed paper, Joint Meetings of the American Statistical Association, Section on Physical and Engineering Sciences
- 1988 Awarded Bat Sheva de Rothschild Fellowship
- 1994 Awarded research grant by the Israel Academy of Sciences
- 1996 Article with R.D. Meyer and G. Box presented at the *Technometrics* session at the Joint Meetings of the ASA and IMS.
- 1996 Article with S. Bisgaard presented at the *Technometrics* session at the Fall Technical Conference
- 1997 Awarded research grant by the Tel Aviv University research fund
- 1998 Awarded research grant by the Israel Cancer Association (joint with Prof. B. Stark and Prof. R. Zaizov (Renewed 1999-2006)
- 1998 Awarded research grant by the joint VATAT-Israel Atomic Energy Commission research fund (Renewed 1999-2004, 2006)
- 1999 Wilcoxon award for best practical application paper in *Technometrics* in 1997, for paper with S. Bisgaard
- 2005 Article with D. Bursztyn presented at the *Technometrics* session at the Joint Statistical Meetings

- 2006 Awarded research grant by the Israel Ministry of Construction and Housing
- 2007 Article with H.A. Dror presented at the *Technometrics* session at the Spring Research Conference
- 2008 Elected Fellow of the American Statistical Association
- 2009 Awarded research grant by the US-Israel Binational Science Foundation, together with Bradley Jones
- 2013 Awarded the George Box Medal by the European Network for Business and Industrial Statistics
- 2014 Awarded research grant by the Israel Water Authority
- 2015 Awarded research grant from Refael
- 2017 Awarded the Walter Shewhart Medal by the American Society for Quality
- 2018 Awarded Gordon Chair for Probabilistic Mathematics
- 2018 Awarded research grant from the European Research Council as a part of the European Human Brain Project
- 2019 Awarded research grant from the Pazy Foundation
- 2019 Awarded research grant from the Israel Science Foundation

AWARDS RECEIVED BY STUDENTS

- 2004 M. Sc. Student Inna Zaslavsky-Paltiel awarded prize for best student paper in the annual student paper competition of the Section on Statisticians in Defense and National Security of the American Statistical Association.
- 2005 M. Sc. Student Einat Neumann-Ben Ari awarded Putter Prize of the Israel Statistical Association.
- 2007 Ph. D. Student Hovav Dror awarded Putter Prize of the Israel Statistical Association.
- 2008 Ph. D. Student Sigal Levy awarded Putter Prize of the Israel Statistical Association.
- 2013 M. Sc. Student Liel Villa awarded Peretz Prize of the Israel Statistical Association.

2014 Ph. D. Student Ofir Harari awarded Putter Prize of the Israel Statistical Association.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Fellow: American Statistical Association

Member: Israel Statistical Association (Treasurer 1987-1991, Vice President 2005-2007, President 2013-2015)

Member: International Statistical Institute

Member: International Society for Business and Industrial Statistics (Vice President for Communications 2013-2015)

Member: American Society for Quality

Member: European Network for Business and Industrial Statistics (Council Member 2013-2017)

REFEREEING AND EDITORIAL POSITIONS

Technometrics, Editor 2008-2010, Editor Elect 2007

Applied Stochastic Models in Business and Industry, Guest Editor, January 2014

Journal of Uncertainty Quantification, Associate Editor

Quality Technology and Quantitative Management, Associate Editor

Applied Statistics

Annals of Statistics

Journal of Statistical Planning and Inference

Journal of the American Statistical Association

Biometrics

Biometrika

Metrika

Statistica Sinica

Journal of the Royal Statistical Society, Series B

Geophysical Journal International

Journal of Quality Technology

Journal of Chemometrics

US-Israel Binational Science Foundation

US National Science Foundation

Israel Science Foundation

American Mathematical Society

Israel Cancer Association

LIST OF PUBLICATIONS

ARTICLES

1. D.M. Steinberg, W.G. Hunter, Experimental Design: Review and comment (with discussion). *Technometrics* 26 (1984), 71-130.
2. D.M. Steinberg, Model robust response surface designs: Scaling two-level factorials. *Biometrika* 72 (1985), 513-526.
3. R. Kenett, D.M. Steinberg, Some experiences teaching factorial design in introductory statistics courses. *Journal of Applied Statistics* 14 (1987), 219-227.
4. D.M. Steinberg, Factorial experiments with time trends. *Technometrics* 30 (1988), 259-269.
5. N. Rabinowitz, D.M. Steinberg, Effect of single arrival time on the hypocentral focal depth determination. *Geophysical Journal* 94 (1988), 567-570.
6. D.M. Steinberg, A Bayesian approach to flexible modeling of multivariable response functions. *Journal of Multivariate Analysis* 34 (1990), 157-172.
7. N. Rabinowitz, D.M. Steinberg, Optimal configuration of a seismographic network – a statistical approach. *Bulletin of the Seismological Society of America* 80 (1990), 187-196.
8. C.S. Cheng, D.M. Steinberg, Trend robust two-level factorial design”. *Biometrika* 78 (1991), 325-336.
9. N. Rabinowitz, D.M. Steinberg, Seismic hazard sensitivity analysis: a multi-parameter approach. *Bulletin of the Seismological Society of America* 81 (1991), 796-817.
10. N. Rabinowitz, D.M. Steinberg, G. Leonard, When does seismic hazard jump? *Earthquake Spectra* 9 (1993), 877-883.
11. D.M. Steinberg, D. Bursztyn, Dispersion effects in robust-design experiments with noise factors. *Journal of Quality Technology* 26 (1994), 12-20.
12. N. Rabinowitz, D.M. Steinberg, G. Leonard, How important are "exact" fault dimensions in assessing seismic hazard at a near site? A case study for Shivta site, Israel. *Israel Journal of Earth Sciences* 43 (1994), 39-45.

13. G. Leonard, D.M. Steinberg, N. Rabinowitz, Assessment of seismic hazard near faults of uncertain type: inter-plate versus intra-plate. *Natural Hazards* 11 (1995), 111-121.
14. D.M. Steinberg, N. Rabinowitz, Y. Shimshoni, D. Mizrachi, Configuring a seismographic network for optimal monitoring of fault lines and multiple sources. *Bulletin of the Seismological Society of America* 85 (1995), 1847-1857.
15. B. Milman, I. Sirota, D.M. Steinberg, Improving the safety of a pyrotechnic igniter through a controlled experiment. *Propellants, Explosives, Pyrotechnics* 20 (1995), 294-299; (see also Proceedings of Conferences No 3).
16. F. Abramovich, D.M. Steinberg, Improved inference in nonparametric regression using L_k smoothing splines. *Journal of Statistical Planning and Inference* 49 (1996), 327-341.
17. R.D. Meyer, D.M. Steinberg, G.E.P. Box, Follow-up designs to resolve confounding in multifactor experiments. *Technometrics* 38 (1996), 303-313 (response to discussants 327-332).
18. S. Bisgaard, D.M. Steinberg, The design and analysis of $2^{k-p} \times s$ prototype experiments. *Technometrics* 39 (1997), 52-62.
19. D.M. Steinberg, D. Bursztyn, Noise factors, dispersion effects and robust design. *Statistica Sinica* 8 (1998), 67-85.
20. N. Rabinowitz, D.M. Steinberg, G. Leonard, Logic trees, sensitivity analyses and data reduction in seismic hazard assessment. *Earthquake Spectra* 14 (1998), 189-201.
21. G. Leonard, D.M. Steinberg, N. Rabinowitz, An indication of time-dependent seismic behavior – an assessment of paleoseismic evidence from the Arava Fault, Israel. *Bulletin of the Seismological Society of America* 88 (1998), 767-776.
22. J.S. Ishay, S. Kirshboim, D.M. Steinberg, D. Kalicharan, W.L. Jongebloed, Hornet cuticle – a composite structure comprised of a series of duplex lamellae attenuating toward the interior of the body. *Comparative Biochemistry and Physiology*, 120 (1998), 661-670.
23. O. Salomon, J. Moisseiev, N. Rosenberg, O. Vidne, I. Yassur, A. Zivelin, G. Treister, D.M. Steinberg, U. Seligsohn, Analysis of gene polymorphisms related to thrombosis and other risk factors in patients with retinal vein occlusion. *Blood Coagulation and Fibrinolysis*, 9 (1998), 617-622.

24. N. Rabinowitz, D.M. Steinberg, Aftershock decay of three recent strong earthquakes in the Levant. *Bulletin of the Seismological Society of America*, 88 (1998), 1580-1587.
25. B. Kaplan, D. Rabinerson, O.M. Avrech, N. Carmi, D.M. Steinberg, P. Merlob, Fracture of the clavicle in the newborn following normal labor and delivery. *International Journal of Gynecology & Obstetrics*, 63 (1998), 15-20.
26. N. Rabinowitz, D.M. Steinberg, Short-term forecasting of strong aftershock activity of the M_w 7.1 Gulf of Eilat earthquake of November 22, 1995. *Israel Journal of Earth Sciences* 46 (1998) 113-119.
27. C.-S. Cheng, D.M. Steinberg, D.X. Sun, Minimum aberration and model robustness for two-level fractional factorial designs. *Journal of the Royal Statistical Society, Series B*, 61 (1999), 85-93.
28. O. Salomon, D.M. Steinberg, A. Zivelin, S. Gitel, R. Dardik, N. Rosenberg, S. Berliner, A. Inbal, A. Many, A. Lubetzky, D. Varon, U. Martinowitz, U. Seligsohn, Single and combined prothrombotic factors in patients with idiopathic venous thrombo-embolism: prevalence and risk assessment. *Arteriosclerosis, Thrombosis and Vascular Biology*, 19 (1999), 511-518.
29. O. Salomon, R. Huna-Baron, D.M. Steinberg, S. Kurtz, U. Seligsohn, Role of aspirin in reducing the frequency of second eye involvement in patients with non arteritic anterior ischaemic optic neuropathy. *Eye*, 13 (1999), 357-359.
30. J.S. Ishay, L. Litinetsky, D.M. Steinberg, Architecture and composite structure of hornet cuticle (Insecta, Hymenoptera). *Composite Structures*, 46, (1999), 387-394.
31. O. Salomon, R. Huna-Baron, S. Kurtz, D.M. Steinberg, J. Moisseiev, N. Rosenberg, A. Zivelin, I. Yassur, S. Gitel, J. Davidson, B. Ravid, U. Seligsohn, Analysis of prothrombotic and vascular risk factors in patients with nonarteritic ischemic optic neuropathy. *Ophthalmology*, 106 (1999), 739-742.
32. Y. Bartal, Z. Somer, G. Leonard, D.M. Steinberg, Y. Ben Horin, Optimal seismic networks in Israel in the context of the Comprehensive Test Ban Treaty. *Bulletin of the Seismological Society of America*, 90 (2000), 151-165.
33. J. Merrick, E. Ezra, B. Josef, D. Hendel, D.M. Steinberg, and S. Wientroub, Musculoskeletal problems in Down Syndrome – European Paediatric Orthopaedic Society survey: The Israeli sample. *Journal of Pediatric Orthopaedics, Part B*, 9 (2000), 185-192.
34. O. Salomon, R. Dardik, D.M. Steinberg, S. Kurtz, N. Rosenberg, J. Moisseiev, R. Huna-Baron, The role of angiotensin converting enzyme and angiotensin II type 1

- receptor gene polymorphisms in patients with nonarteritic anterior ischemic optic neuropathy. *Ophthalmology*, 107 (2000), 1717-1720.
35. D.M. Steinberg, M. Bodor, Y. Bartal, Y. Ben Horin, G. Leonard, Modeling errors, bias and error regions in IMS seismic monitoring of Israel. *Physics of the Earth and Planetary Interiors*, 123 (2001), 267-281.
 36. O. Salomon, N. Rosenberg, A. Zivelin, D.M. Steinberg, N. Kornbrot, R. Dardik, A. Inbal, U. Seligsohn, Methionine synthase A2756G and methylenetetrahydrofolate reductase A1298C are not risk factors for idiopathic venous thromboembolism. *The Hematology Journal*, **2**, (2001), 38-41.
 37. F. Glaser, D.M. Steinberg, I.A. Vakser, N. Ben-Tal, Residue frequencies and pairing preferences at protein-protein interfaces. *Proteins*, **43**, (2001), 89-102.
 38. Y. Parmet, D.M. Steinberg, Quality improvement from disassembly-reassembly experiments. *Communications in Statistics, Theory and Methods*, **30(5)**, (2001), 969-985.
 39. D. Bursztyn, D.M. Steinberg, Rotation designs for experiments in high bias situations. *Journal of Statistical Planning and Inference* **97**, (2001), 399-414.
 40. O. Salomon, R. Huna-Baron, J. Moisseiev, N. Rosenberg, A. Rubovitz, D.M. Steinberg, J. Davidson, B.A. Sela, U. Seligsohn, Thrombophilia as a cause for central and branch retinal artery occlusion in patients without an apparent embolic source. *Eye*, **15** (2001), 511-514.
 41. C. Peretz, D.M. Steinberg, Improved non-negative estimation of variance components for exposure assessment. *Journal of Exposure Analysis and Environmental Epidemiology*, **11** (2001), 414-421.
 42. D. Bursztyn, D.M. Steinberg, Rotation designs: Orthogonal first-order designs with higher order projectivity. *Journal of Applied Stochastic Models in Business and Industry*, **18** (2002), 197-206.
 43. G. Leonard, D.M. Steinberg, Seismic hazard assessment: Simultaneous effect of earthquakes at close and distant sites. *Earthquake Spectra*, **18** (2002), 615-629.
 44. O. Salomon, D.M. Steinberg, R. Dardik, N. Rosenberg, A. Zivelin, I. Tamarin, B. Ravid, S. Berliner, U. Seligsohn, Inherited factor XI deficiency confers no protection against acute myocardial infarction. *Journal of Thrombosis and Haemostasis*, **1** (2003), 658-661.
 45. O. Salomon, A Zivelin, R. Dardik, R. Loewenthal, O. Avishai, D.M. Steinberg, M. Rosove, N. O'Connell, C. Lee, U. Seligsohn, Prevalence, causes and

- characterization of factor XI inhibitors in patients with inherited factor XI deficiency. *Blood*, **101**, (2003), 4783-4788.
46. D.M. Steinberg, N. Rabinowitz, Optimal seismic monitoring for event location with application to On Site Inspection of the Comprehensive Nuclear Test Ban Treaty. *Metrika*, **58**, (2003), 31-57.
 47. O. Salomon, N. Rosenberg, D.M. Steinberg, R. Huna-Baron, J. Moisseiev, R. Dardik, O. Goldan, S. Kurtz, A. Ifrah, U. Seligsohn, Nonarteritic anterior ischemic optic neuropathy is associated with a specific platelet polymorphism located on the glycoprotein Iba gene. *Ophthalmology*, **111**, (2004), 184-188.
 48. D.M. Steinberg, M. Kaplan, J. Merrick, S. Wientroub, Design and implementation of a multi-national computerized patient survey: The European Paediatric Orthopaedic Society Down syndrome survey. *The Scientific World Journal*, **4**, (2004), 256-263.
 49. B. Stark, M. Jeison, L. Glazer Gabay, J. Mardoukh, D. Luria, I. Bar-Am, G. Avrahami, Y. Kapeliushnik, D. Sthoeger, G. Herzel, D.M. Steinberg, I.J. Cohen, Y. Goshen, J. Stein, R. Zaizov, I. Yaniv, Classical and molecular cytogenetic abnormalities and outcome of childhood acute myeloid leukaemia: report from a referral center in Israel. *British Journal of Haematology*, **126**, (2004), 320-337.
 50. J.S. Ishay, A. Sverdlov, V. Pertsis, Y. Gavrilov, D.M. Steinberg, Light modulates electric phenomena in hornet cuticle. *Photochemistry and Photobiology*, **80**, (2004), 115-118.
 51. D.M. Steinberg, D. Bursztyn, Data analytic tools for understanding random field regression models. *Technometrics*, **46**, (2004), 411-420.
 52. O. Salomon, U. Seligsohn, D.M. Steinberg, Y. Zalel, A. Lerner, N. Rosenberg, M. Pshithizki, M. Oren, B. Ravid, J. Davidson, E. Schiff, R. Achiron, The common prothrombotic factors in nulliparous women do not compromise blood flow in the fetomaternal circulation and are not associated with preeclampsia or intrauterine growth restriction. *American Journal of Obstetrics and Gynecology*, **191**, (2004), 2002-2009.
 53. O. Salomon, D.M. Steinberg, I. Tamarin, A Zivelin, U. Seligsohn, Plasma replacement therapy during labor is not mandatory in women with severe factor XI deficiency. *Blood Coagulation and Fibrinolysis*, **16** (2005), 37-41.
 54. Z.B. Begin, D.M. Steinberg, G.A. Ichinose, S. Marco, A 40,000 year unchanging seismic regime in the Dead Sea rift. *Geology*, **33**, (2005), 257-260.

55. G. Berger, D.M. Steinberg, A. Popovtzer, D. Ophir, Endoscopy versus radiography for the diagnosis of acute bacterial rhinosinusitis. *European Archives of Oto-Rhino-Laryngology*, **262**, (2005), 416-422.
56. O. Salomon, D.M. Steinberg, M. Pshithizki, Y. Zalel, A. Lerner, N. Rosenberg, R. Achiron, The influence of prothrombotic polymorphisms and obstetrical and medical variables on the length of secondary postpartum hemorrhage. *Journal of Womens Health*, **14**, (2005), 306-10.
57. D. Bursztyn, D.M. Steinberg, Comparison of designs for computer experiments. *Journal of Statistical Planning and Inference*, **136**, (2006), 1103-1119.
58. R.A. Bates, R.S. Kenett, D.M. Steinberg, H.P. Wynn, Achieving robust design from computer simulations. *Quality Technology and Quantitative Management*, **3**, (2006), 161-177.
59. D.M. Steinberg, D.K.J. Lin, A construction method for orthogonal Latin hypercube designs. *Biometrika*, **93**, (2006), 279-288. Correction, *Biometrika*, **93**, (2006), 1025.
60. R.S. Kenett, D.M. Steinberg, New frontiers in design of experiments. *Quality Progress*, August (2006), 61-65.
61. D.M. Dror, R. Koren, D.M. Steinberg, The equity impact of micro health insurance units in the Philippines. *Health Policy*, **77**, (2006), 304-317.
62. R.S. Kenett, E. Rahav, D.M. Steinberg, Bootstrap analysis of designed experiments. *Quality and Reliability Engineering International*, **22**, (2006), 659-667.
63. H.A. Dror, D.M. Steinberg, Robust experimental design for multivariate generalized linear models. *Technometrics*, **48**, (2006), 520-529.
64. M. Yaniv, T. Becker, M. Goldwirt, S. Khamis, D.M. Steinberg, S. Wientroub, Prevalence of bowlegs among child and adolescent soccer players. *Clinical Journal of Sport Medicine*, **16**, (2006), 392-396.
65. O. Salomon, J. Moisseiev, T. Vilganski, R. Dardik, S. Kurtz, E. Shpringer, D.M. Steinberg, N. Rosenberg, Role of five platelet membrane glycoprotein polymorphisms in branch retinal vein occlusion. *Blood Coagulation and Fibrinolysis*, **17**, (2006), 485-488.
66. O. Salomon, D.M. Steinberg, U. Seligsohn, Variable bleeding manifestations characterize different types of surgery in patients with severe factor XI deficiency

- enabling parsimonious use of replacement therapy. *Haemophilia*, 12, (2006), 490-493.
67. E. Maman, D.M. Steinberg, B. Stark, S. Izraeli, S. Wientroub, Acute lymphoblastic leukemia in children: correlation of musculoskeletal manifestations and immunophenotypes. *Journal of Children's Orthopaedics*, 1 (2007), 63-68.
 68. A. Herman, N. Notzer, Z. Libman, R. Braunstein, D.M. Steinberg, Statistical education for medical students – Concepts is what remains when the details are forgotten. *Statistics in Medicine*, 26, (2007), 4344-4351.
 69. E. Neumann Ben-Ari, D.M. Steinberg, An empirical comparison of Kriging with MARS and projection pursuit regression in modeling data from computer experiments. *Quality Engineering*, 19, (2007), 327-338.
 70. D.M. Steinberg, S. Bisgaard. *Technometrics: How it all started. Technometrics*, 50, (2008), 2-7.
 71. M. Tripolski Kimel, Y. Benjamini, D.M. Steinberg. The false discovery rate for multiple testing in factorial experiments. *Technometrics*, 50, (2008), 32-39.
 72. I. Zaslavsky-Paltiel, D.M. Steinberg. Comparison of methods for estimating station corrections for improved seismologic monitoring of the Comprehensive Nuclear-test-ban Treaty. *Bulletin of the Seismological Society of America*, 98, (2008), 1-17.
 73. H.A. Dror, D.M. Steinberg. Sequential experimental designs for generalized linear models. *Journal of the American Statistical Association*, 103, (2008), 288-298.
 74. O. Salomon, D.M. Steinberg, N. Koren-Morag, D. Tanne, U. Seligsohn. Reduced incidence of ischemic stroke in patients with severe factor XI deficiency. *Blood*. 111, (2008), 4113-4117.
 75. D.M. Steinberg (ed.) The future of industrial statistics: A panel discussion, *Technometrics*, 50, (2008), 103-127.
 76. G. Kenet, E. Ezra, S. Wientroub, D. M. Steinberg, N. Rosenberg, D. Waldman, S. Hayek. Perthes' disease and the search for genetic associations: collagen mutations, Gaucher's disease and thrombophilia, *Journal of Bone and Joint Surgery*, 90-B, (2008), 1507-1511.
 77. T. Meirova, R. Hofstetter, Z. Ben-Avraham, D.M. Steinberg, L. Malagnini, A. Akinci. Weak-motion-based attenuation relationships for Israel, *Geophysical Journal International*, 175, (2008), 1127-1140.

78. G. Nimrod, M. Schushan, D.M. Steinberg, N. Ben-Tal. Systematic Detection of Functionally Important Regions in 'Hypothetical Proteins' of Known Structure, *Structure*, 16, (2008), 1755-1763.
79. E.Y. Birati, N. Malov, Y. Kogan, Y. Yanay, M. Tamaric, M. Elizur, D.M. Steinberg, M. Golovner, A. Roth. Vigilance, awareness and a phone line: 20 years of expediting CPR for enhancing survival after out-of-hospital cardiac arrest: The 'SHL'-Telemedicine experience in Israel, *Resuscitation*, 79, (2008), 438-443.
80. O. Salomon, B.-Z. Katz, R. Dardik, T. Livnat, D.M. Steinberg, R. Achiron, U. Seligsohn. Plasma levels of microparticles at 24 weeks of gestation do not predict subsequent pregnancy complications, *Fertility and Sterility*, 92 (2), (2009) 682-687.
81. A. Roth, N. Malov, D.M. Steinberg, Y. Yanay, M. Elizur, M. Tamari, M. Golovner. Telemedicine for post-myocardial infarction patients: an observational study, *Telemed J E Health*, 1, (2009), 24-30.
82. D.M. Steinberg, R. Chappell, J. Fine, Sample size for positive and negative predictive value in diagnostic research, *Biostatistics*, 10, (2009), 94-105.
83. C.M. Gotwalt, B.A. Jones, D.M. Steinberg. Fast computation of designs robust to parameter uncertainty for nonlinear settings, *Technometrics*, 51, (2009), 88-95.
84. H. Grinberg-Rashi, E. Ofek, M. Perelman, J. Skarda, P. Yaron, M. Hajdúch, J. Jacob-Hirsch, N. Amariglio, M. Krupsky, D.A. Simansky, Z. Ram, R. Pfeffer, I. Galernter, D.M. Steinberg, I. Ben-Dov, G. Rechavi, S. Izraeli. Prediction of Brain Metastasis by the Expression of Three Genes in Primary Non Small Cell Lung Cancer, *Clinical Cancer Research*, 15 (5), (2009), 1755-1761.
85. A.D. Heymann, I. Hoch, L. Valinsky, E. Kokia, D.M. Steinberg. School closure may be effective in reducing transmission of respiratory viruses in the community, *Epidemiology and Infection*, 137 (10), (2009), 1369-1376.
86. N. Zayats, D.M. Steinberg. Optimal design of experiments when factors affect detection capability, *Pakistan Journal of Statistics*, 26, (2010), 15-37.
87. D.M. Steinberg, D. Bursztyn. Response surface methodology in biotechnology. *Quality Engineering*, 22, (2010), 78-87.
88. D. Luria, E. Rosenthal, D. Steinberg, Y. Kodman, M. Safanaiev, N. Amariglio, S. Avigad, B. Stark, S. Izraeli. Prospective Comparison of Two Flow Cytometry Methodologies for Monitoring Minimal Residual Disease in a Multicenter Treatment Protocol of Childhood Acute Lymphoblastic Leukemia. *Clinical Cytometry*, 78B, (2010), 365-371.

89. Y. Gerber, V. Myers, D.M Broday, S. Koton, D.M Steinberg, Y. Drory. Cumulative exposure to air pollution and long term outcomes after first acute myocardial infarction: A population-based cohort study. Objectives and methodology. *BMC Public Health*, 10, (2010).
90. S. Levy, D.M. Steinberg. Computer experiments: a review. *ASTA – Advances in Statistical Analysis*, 94, (2010), 311-324.
91. C. Fuchs, D.M. Steinberg, M. Poyurovsky. On the estimation of lifetime morbid risks, *Journal of Data Science*, 8, (2010), 645-664.
92. O. Salomon, D.M. Steinberg, M. Zucker, D. Varon, A. Zivelin, U. Seligsohn. Patients with severe Factor XI deficiency have a reduced incidence of deep vein thrombosis. *Thrombosis and Haemostasis*, 105, (2011), 269-273.
93. D. Ovadia, A. Korn, M. Fishkin, D.M. Steinberg, S. Wientroub, E. Ofiram. The Contribution of an Electronic Conductivity Device to the Safety of Pedicle Screw Insertion in Scoliosis Surgery. *Spine*, 36, (2011), E1314-E1321.
94. N. Molshatzki, Y. Drory, V. Myers, U. Goldbourt, Y. Benyamini, D.M. Steinberg, Y. Gerber. Role of Socioeconomic Status Measures in Long-term Mortality Risk Prediction After Myocardial Infarction. *Medical Care*, 49, (2011), 673-678.
95. R. Zuzovsky, D.M. Steinberg, Z. Libman. Achievement data in IEA studies and Simpson's paradox. *Studies in Educational Evaluation*, 37, (2011), 144-151.
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