

Publications & Conferences ao.Univ.-Prof. Dr. Marion Rauner



School of Business, Economics, and Statistics
Department of Business Decisions and Analytics
Oskar-Morgenstern-Platz 1
A-1090 Vienna

office phone: +43 (1) 4277 38150
mobil phone: 06991 9000 629
email: marion.rauner@univie.ac.at
web: <https://pnpm.univie.ac.at/>

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A. Authored Books

- A.1. Rauner, M.S. (1999) *Strategisches Management von Praeventivprogrammen: Ein umfassendes Entscheidungsunterstuetzungssystem fuer die AIDS-Epidemie*, Peter Lang, Frankfurt am Main/Berlin/Bern/New York/Paris/Vienna, Germany.

B. Edited Books

- B.1. Rauner, M.S., Heidenberger, K. (2003) *Quantitative Approaches in Health Care Management: Proceedings of the 27th Meeting of the European Working Group on Operational Research Applied to Health Services (ORAHS), Vienna, Austria, July 30 - August 4, 2001*, Peter Lang, Frankfurt am Main/Berlin/Bern/New York/Paris/Vienna, Germany.

C. Guest Editor for Journals

- C.12. *Central European Journal of Operations Research* (Springer), Special Issue on "Operations research applied to health services (ORAHS) in Europe: general trends and ORAHS 2020 conference in Vienna, Austria", Aringhieri, R., Hirsch, P., Rauner, M.S., Reuter-Oppermanns, M., & Sommersguter-Reichmann, M. (Eds.), 2022, Vol. 30, No. 1 (VHB-JOURQUAL 3: C; SSCI, JCR)
- C.11. *Health Care Management Science* (Springer), Introduction to the special issue: Management Science in the Fight Against Covid-19, Morton, A., Bish, E., Megiddo, I., Zhuang, W., Aringhieri, R., Brailsford, S., ...Rauner, M. et al. (Eds.), 2021, Vol. 24, No. 1-2 (VHB-JOURQUAL 3: A; SSCI, JCR)
- C.10. *Operations Research for Health Care* (Elsevier), "Operational research applied to health services: Finding better health-care decisions in new oceans of health data", Mallor, F., Brailsford, S., Rauner, M., Azcarate, C. (Eds.), 2018, Vol. 17, No. 3.
- C.9. *Central European Journal of Operations Research* (Springer), Special Issue on "Emerging and innovative OR applications: a special issue in honor of Walter J. Gutjahr", Bomze, I., Dörner, K. F., Hartl, R. F., Leopold-Wildburger, U., Pflug, G., Rauner, M., Stummer, C., Tragler, G. Wakolbinger, T. (Eds.), 2018, Vol. 26, No. 2 (VHB-JOURQUAL 3: C; SSCI, JCR)
- C.8. *EURO Journal on Decision Processes* (Springer), Special Issue on Healthcare, Morton, A., Rauner, M., Zaric, G. (Eds.), 2016, Vol. 4, No. 3 (VHB-JOURQUAL 3: k.r)
- C.7. *Central European Journal of Operations Research* (Springer), Special Issue on "Recent advances in computational biology, bioinformatics, medicine, and healthcare by modern OR", Weber, G.W., Blazewicz, J., Rauner, M.S., Türkay, M. (Eds.), 2014, Vol. 22, No. 3 (VHB-JOURQUAL 3: C; SSCI, JCR)
- C.6. *Flexible Services and Manufacturing Journal* (Springer), Special Issue on "Health Care Management", Brailsford, S., Kozan, E., Rauner, M.S. (Eds.), 2012, Vol. 24, No. 4 (VHB-JOURQUAL 3: B; SSCI, JCR)
- C.5. *Central European Journal of Operations Research* (Springer), Special Issue on "In honor of Gustav Feichtinger", Hartl, R., Leopold-Wildburger, U., Rauner, M.S., Sorger, G., Tragler, G., Veliov, V. (Eds.), 2010, Vol. 18, No. 4. (VHB-JOURQUAL 3: C; SSCI, JCR)
- C.4. *Annals of Operational Research* (Springer), Operational Research Applied to Health Services: A Special Volume Dedicated to the International Conference ORAHS2007, Xie, X., Gallivan, S., Guinet, A., Rauner, M.S. (Eds.), 2010, Vol. 178, No. 1. (VHB-JOURQUAL 2.1: B; SSCI, JCR)
- C.3. *Central European Journal of Operations Research* (Springer), Special Issue on "Innovative Approaches for Decision Analysis in Energy, Health, and Life Sciences", Dlouhy, M., Pickl, S., Leopold-Wildburger, U., Rauner M.S. (Eds.), 2009, Vol. 17, No. 3. (VHB-JOURQUAL 3: C; SSCI, JCR)

- C.2. *Central European Journal of Operations Research* (Physika Verlag), Special Issue on “Quantitative Decision Support for Health Services”, Rauner, M.S., Behrens, D., Wild, C. (Eds.), 2005, Vol. 13, No. 4. (VHB-JOURQUAL 3: C; SSCI, JCR)
- C.1. *European Journal of Operational Research* (Elsevier Science), Feature Issue on “OR Applied to Health Services: Planning for the Future with Scarce Resources”, Rauner, M.S., Vissers, J.M.H. (Eds.), 2003, Vol. 150, No. 1. (VHB-JOURQUAL 3: A; SSCI, JCR)

D. Journal Articles

- D.39 Behrens, D. A., Rauner, M.S., Sommersguter-Reichmann, M. (2022) Why Resilience in Health Care Systems is More than Coping with Disasters: Implications for Health Care Policy, *Schmalenbach Journal of Business Research*, pp. 1-31 (VHB-JOURQUAL 3: B).
- D.38 Aringhieri, R., Hirsch, P., Rauner, M.S., Reuter-Oppermann, M., & Sommersguter-Reichmann, M. (2022) Operations research applied to health services (ORAHs) in Europe: general trends and ORAHs 2020 conference in Vienna, Austria”, *Central European Journal of Operations Research*, 30(1), pp. 1-18 (VHB-JOURQUAL 3: C; SSCI, JCR).
- D.37 Schosser, A., Senft, B., Rauner, M. (2022) The benefit of an ambulant psychiatric rehabilitation program in Vienna, Austria: an uncontrolled repeated measures study, *Central European Journal of Operations Research*, Vol. 30, No. 1, pp. 19-48 (VHB-JOURQUAL 3: C; SSCI, JCR).
- D.36 Rauner, M., Schaffhauser-Linzatti, M., Bauerstätter, J., Schwarz, B., Harper, P., Wittig, K., Mayer, B. (2019) A Decision Support System for Prevention and Costing of Occupational Injuries, *International Journal of Decision Support Systems*, Vol. 4, No. 1, pp. 1-17.
- D.35. Rauner, M.S., Niessner, H., Steen, O., Pope, A., Neville, K., O’Riordan, S., Sasse, L., Tomic, K. (2018) An Advanced Decision Support System for European Disaster Management: The Feature of the Skills Taxonomy, *Central European Journal of Operations Research*, Vol. 26, No. 2, pp. 485-530. (VHB-JOURQUAL 3: C; SSCI, JCR)
- D.34. Niessner, H., Rauner, M. S., & Gutjahr, W. J. (2018) A dynamic simulation-optimization approach for managing mass casualty incidents, *Operations Research for Health Care*, Vol. 17, No. 3, pp. 82-100. (Scopus)
- D.33. Rauner, M.S., Niessner, H., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2016) A policy management game for mass casualty incidents: an experimental study, *Flexible Services and Manufacturing Journal*, Vol. 28, No. 1-2, pp. 336-365. (VHB-JOURQUAL 3: B; SSCI, JCR)
- D.32. Neville, K., O’Riordan, S., Pope, A., Rauner, M., Rochford, M., Madden, M., Sweeney, J., Nussbaumer, A., McCarthy, N., O’Brien, C. (2016) Towards the development of a decision support system for multi-agency decision-making during cross-border emergencies, *Journal of Decision Systems*, Vol. 25(Sup. 1), pp. 381-396. (VHB-JOURQUAL 3: B; SSCI, JCR)
- D.31. Sommersguter-Reichmann, M., Rauner, M.S. (2015) Benchmarking rescue departments of the Austrian Red Cross using Data Envelopment Analysis and Fractional Regression Models, *International Journal of Production Research*, Vol. 53, No. 24, 7271-7285. (VHB-JOURQUAL 3: B; SSCI, JCR)
- D.30. Rauner, M.S., Mayer, B., Schaffhauser-Linzatti, M.M. (2015) Prävention von Arbeitsunfällen die Hände betreffend: Arbeitsunfallfolgekostenberechnung bei der Allgemeinen Unfallversicherungsanstalt (AUVA), *Handchirurgie Mikrochirurgie Plastische Chirurgie*, Vol. 47, No.4, 228-234. (SCI; Medline)
- D.29. Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstätter, J. (2015) Decision support system for social occupational injury insurance institutions: cost analysis and targeted resource allocation, *Central European Journal of Operations Research*, Vol. 23, No. 1, 1-29 (VHB-JOURQUAL 3: C; SSCI, JCR)

- D.28. Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstätter, J., Wittig, K., Mayer, B. (2014) Consequential costs of occupational accidents from an economic and managerial perspective: empirical results from Austria, *International Advances in Economic Research*, Vol. 20, No. 1, 351-352.
- D.27. Rauner, M.S., Schaffhauser-Linzatti M.M., Niessner, H. (2012) Resource planning for ambulance services in mass casualty incidents: A DES-based policy model, *Health Care Management Science*, Vol. 15, No. 2, 254-269 (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.26. Rauner, M.S., Heidenberger, K., Hermessec, D., Mokic, A., Zsifkovits, M. (2011) Scope and role of strategic technology management in Austrian hospitals: A decade later, *International Journal of Healthcare Technology and Management*, Vol. 12, No. 3/4, pp. 250-279.
- D.25. Dawid, H., Dockner, E., Hartl, R.F., Haunschmied, J., Leopold-Wildburger, U., Luptacik, M., Mehlmann, A., Prskawetz, A., Rauner, M.S., Sorger, G., Tragler, G., Veliov, V.M., Wirl, F. (2010) Gustav Feichtinger Celebrates his 70-th Birthday, *Central European Journal of Operations Research*, Vol. 18, No. 4, 437-451 (VHB-JOURQUAL 3: C; SSCI, JCR)
- D.24. Kraus, M., Rauner, M.S., Schwarz S. (2010) Operations research and management games with a special focus on health care games, *Central European Journal of Operations Research*, Vol. 18, No. 4, 567-591 (VHB-JOURQUAL 3: C; SSCI, JCR)
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- D.22. Schaffhauser-Linzatti, M.M., Zeileis, A., Rauner, M.S. (2009) Effects of the Austrian performance-oriented inpatient reimbursement system on treatment patterns: illustrated on cases with knee-joint problems, *Central European Journal of Operations Research*, Vol. 17, No. 3, 293-314 (VHB-JOURQUAL 3: C; SSCI; JCR)
- D.21. O'Neill, L., Rauner, M.S., Heidenberger, K., Kraus, M. (2008) A cross-national comparison and taxonomy of hospital efficiency studies using data envelopment analysis, *Socio-Economic Planning Sciences*, Vol. 42, No. 3, 158-189 (SSCI, JCR)
- D.20. Rauner, M.S., Schwarz, S., Kraus, M. (2008) Competition under different reimbursement systems: The concept of an internet-based hospital management game, *European Journal of Operational Research*, Vol. 185, No. 3, 948-963. (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.19. Behrens, D., Rauner, M.S., Caulkins, J.P. (2008) Modelling the spread of hepatitis C via tattoo parlours: Implications for public health interventions, *OR Spectrum*, Vol. 30, No. 2, 269-288 (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.18. Brailsford, S.C., Gutjahr, W., Rauner, M.S., Zeppelzauer, W. (2007) Optimal screening policies for diabetic retinopathy using a new combined discrete-event simulation and ant colony optimization approach, *Computational Management Science*, Vol. 4, No. 2, 59-83. (VHB-JOURQUAL 3: listed, k.r.)
- D.17. Gutjahr, W.J., Rauner, M.S. (2007) An ACO algorithm for a dynamic regional nurse-scheduling problem in Austria, *Computers & Operations Research*, Vol. 41, No. 3, 642-666. (VHB-JOURQUAL 3: B; SSCI, JCR)
- D.16. Rauner, M.S., Harper, P., Schwarz, B. (2005) Economic impact of occupational accidents: Resource allocation for prevention program, *Central European Journal of Operations Research*, Vol. 13, No. 4, 393-424. (VHB-JOURQUAL 3: C; SSCI, JCR)
- D.15. Rauner, M.S., Schneider, G., Heidenberger, K. (2005) The effect of reimbursement systems and quality of care on regional inpatient allocation: A non-linear optimisation model, *IMA - Journal of Management Mathematics*, Vol. 16, No. 3, 217-237.

- D.14. Rauner, M.S., Brailsford, S.C., Flessa, S. (2005) The use of discrete-event simulation to evaluate strategies for the prevention of mother-to-child transmission of HIV in developing countries, *Journal of the Operational Research Society*, Vol. 56, No. 2, 222-233. (VHB-JOURQUAL 3: B; SSCI, JCR)
- D.13. Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2005) Using monte carlo simulation to evaluate diabetic foot prevention strategies in Austria, *Health Care Management Science*, Vol. 8, No. 4, 253-265. (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.12. Rauner, M.S., Zeileis, A., Schaffhauser-Linzatti, M.-M., Hornik, K. (2003) Modelling the effects of the Austrian inpatient reimbursement system on length-of-stay distributions, *OR-Spectrum*, Vol. 25, No. 2, 183-206. (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.11. Rauner, M.S., Bajmoczy, N. (2003) How many AEDs in which region? An economic decision model for the Austrian Red Cross, *European Journal of Operational Research*, Vol. 150, No. 1, 3-18 (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.10. Leonard, K.J., Rauner, M.S., Schaffhauser-Linzatti, M.-M., Yap, R. (2003) The effect of funding policy on day of week admissions and separations in hospitals: the cases of Canada and Austria, *Health Policy*, Vol. 63, No. 3, 239-257. (JOURQUAL 2.1: B; SSCI, JCR)
- D.9. Rauner, M.S., Schaffhauser-Linzatti, M.-M. (2002) Impact of international in-patient payment strategies on health technology management: a system-dynamics-model for Austria, *Socio-Economic Planning Sciences*, Vol. 36, No. 3, 133-154. (SSCI, JCR)
- D.8. Rauner, M.S., Heidenberger, K. (2002) Scope and role of strategic technology management in hospitals: the case of Vienna, Austria, *International Journal of Healthcare Technology and Management*, Vol. 4, Nos. 3/4, 239-258.
- D.7. Rauner, M.S. (2002) Resource allocation for HIV/AIDS control programs: a model-based policy analysis, *OR-Spectrum*, Vol. 24, No. 1, 99-124. (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.6. Rauner, M.S. (2002) Using simulation for AIDS policy modeling: benefits for HIV/AIDS prevention policy makers in Vienna, Austria, *Health Care Management Science*, Vol. 5, No. 2, 121-134. (VHB-JOURQUAL 3: A, SSCI, JCR)
- D.5. Rauner, M.S., Schaffhauser-Linzatti, M.-M. (2001) Interplay between in-patient reimbursement systems and healthcare technology management: the Austrian case, *International Journal of Healthcare Technology and Management*, Vol. 3, No. 1, 1-23.
- D.4. Rauner, M.S., Brandeau M.L. (2001) AIDS policy modeling for the 21st Century: an overview of key issues, *Health Care Management Science*, Vol. 4, No. 3, 165-180. (VHB-JOURQUAL 3: A; SSCI, JCR)
- D.3. Rauner, M.S. (1999) A note on "A disaggregation model of a flexible nurse scheduling support system" by Irem Ozkarahan, *Socio-Economic Planning Sciences* 25 (1991) 9-26, *Socio-Economic Planning Sciences*, Vol. 33, No. 2, 173-177. (SSCI, JCR)
- D.2. Heidenberger, K., Roth, M.S. (1998) Taxonomies in the strategic management of health technology: the case of multiperiod compartmental HIV/AIDS policy models, *International Journal of Technology Management, Special Issue on Management of Technology in Health Care*, Vol. 15, No. 3/4/5, 336-358. (VHB-JOURQUAL 3: C; SSCI, JCR)
- D.1. Heidenberger, K., Roth, M.S. (1998) Entscheidungsunterstuetzung fuer die Auswahl von HIV/AIDS-Programmen: ein umfassendes, mehrperiodiges Mehrcompartmentmodell, *Zeitschrift fuer oeffentliche und gemeinwirtschaftliche Unternehmen*, Vol. 21, No. 2, 203-211. (VHB-JOURQUAL 3: C)

E. Contributions to Books/Conference Proceedings

- E.24. Schnedlitz, S., Rauner, M. & Blaschke, S. (2022) Empirische Erhebung zum Impfstatus von Kindern in Wiener Volksschulen: Situations- und Verbesserungspotentialanalyse für EntscheidungsträgerInnen im Gesundheitswesen, in: Greiling, D., Andeßner, R. & Gmür, M. (eds.) *Kooperation und Konkurrenz von Nonprofit-Organisationen: Theoretische Grundlagen, empirische Ergebnisse und Anwendungsbeispiele*, Johannes Kepler Universität Linz, 120-127
- E.23. Rauner, M., Schaffhauser-Linzatti, M., Kaufmann, S. M., & Blaschke, S. (2017) Fluktuation von Pflegepersonal in Krankenanstalten, in: Theuvsen, L., Andessner, R., Gmuer, M., Greiling, D. (Eds.) *Non-profit-Organisationen und Nachhaltigkeit*, Springer Gabler, Wiesbaden, 401-410.
- E.22. Rauner, M., Pope, A., Niessner, H., Neville, K., Sasse, L., Tomic, K., O’Riordan, S. (2016) *Decision Support for Strategic Disaster Management: First Release of a Wiki*, in: Dawid, H., Doerner, K., Feichtinger, G., Kort, P.M. (eds.) *Dynamic Perspectives on Managerial Decision Making – Essays in Honor of Richard F. Hartl*. Springer, Heidelberg, Germany, 413-439.
- E.21. Steen, O., Pope, A., Rauner, M., Holmberg, N., Woodworth, S., O’Riordan, S., Niessner, N., Neville, K. (in print) *A Comprehensive Decision Support System for Enhanced Emergency Decision Management and Training*, Proceedings of the First IFIP Conference on Information Technology in Disaster Risk Reduction (ITDRR 2016)
- E.20. Schaffhauser-Linzatti, M., Rauner, M., Blaschke, S., Eder, N., Kolesnik, M.(2015) Strategisches Controlling in Krankenanstalten: Eine statistische Analyse am Beispiel Wiens, in: Andessner, R., Greiling, D., Gmuer, M, Theuvsen, L. (Eds.) *Ressourcenmobilisierung durch Nonprofit-Organisationen, Theoretische Grundlagen, empirische Ergebnisse und Anwendungsbeispiele*, Trauner Verlag, Linz, pp. 325-335.
- E.19. Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstaetter, J., Schwarz, B., Harper, P., Wittig, K., Mayer, B. (2014) Praevention von Arbeitsunfaellen: Einsatz und Potenzial von Entscheidungsunterstuetzungssystemen zur Berechnung von Arbeitsunfallfolgekosten bei der Allgemeinen Unfallversicherungsanstalt (AUVA) in den Jahren 2001 bis 2011, Krczal, A., Krczal, E. (Eds.) *Aktuelle Fragen des Gesundheitsmanagement II, Festschrift Josef Deszy zum 75. Geburtstag*, Maudrich (Facultas), Vienna, Austria, 155-179.
- E.18. Rauner, M.S., Schaffhauser-Linzatti, M.M. (2013) Impact of Inpatients Reimbursement Systems on Hospital Performance: the Austrian Case-Based Payment Strategy, in: Zaric, G.S. (Ed.) *Operations Research and Health Care Policy, International Series in Operations Research & Management Science*, Volume 190, Springer-Verlag, New York/Heidelberg/Dordrecht/London, Germany, 129-153.
- E.17. Rauner, M.S., Haunschmied, J. (2010), Austrian Society of Operations Research (Oesterreichische Gesellschaft fuer Operations Research, OEGOR), *Wiley Encyclopedia of Operations Research and Management Science*
- E.16. Rauner, M.S., Kraus, M. (2009) Operations research and management games with a special focus on health care games, *Proceedings of the 10th International Symposium on Operations Research in Slovenia, Nova Gorica, Slovenia, September 23-25*, 25-31
- E.15. Schaffhauser-Linzatti, M.-M., Rauner, M.S. (2008) Quo vadis Leistungsorientierte Krankenhausfinanzierung? Österreichische Erfahrungen und Perspektiven, in: Schauer, R., Helmig, B., Purtschert, R., Wirt, D. (Eds.) *Steuerung und Kontrolle in Nonprofit-Organisationen, 8. Colloquium der NPO-Forscher im deutschsprachigen Raum, Johannes Kepler Universität Linz, 17.-18. April 2008*, 335-364.
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- E.12 Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2004) Using a Markov model to evaluate the cost-effectiveness of diabetic foot prevention strategies in Austria, Western Multiconference, in: Anderson, J.G., Katzper, M. (Eds.), *Proceedings of the International Conference on Health Sciences Simulation, 2004 Western MultiConference, San Diego, California, USA, January 28-22, 2004*, The Society of Computer Simulation International, San Diego, USA, 63-68.
- E.11. Rauner, M.S., Brailsford, S.C., Flessa, S. (2003) Using discrete event simulation to select affordable intervention programs for vertical HIV transmission in developing countries, in: Anderson, J.G., Katzper, M. (Eds.), *Proceedings of the International Conference on Health Sciences Simulation, 2003 Western MultiConference, Orlando, Florida, January 19-23, 2003*, The Society of Computer Simulation International, San Diego, USA, 59-64.
- E.10. Rauner, M.S., Heidenberger, K. (2001) Scope and role of strategic technology management in hospitals: the case of Vienna, Austria, *CD-Rom Conference Proceedings, 1st International Conference on Management of Healthcare and Medical Technology, The Hospital of the Future*, Enschede, The Netherlands, April 22-24.
- E.9. Rauner, M.S., Leonard, K.J., Schaffhauser-Linzatti, M.-M., Green, B. (2000), *Does funding policy impact on day of week admissions and separations of inpatients? An Austrian-Canadian comparison*, in: Riley, J. (Eds.), *Planning for the Future Health Service Quality and Emergency Accessibility*, Proceedings of the 26th meeting of the European Working Group on Operational Research Applied to Health Services, Glasgow, Scotland, July 31 – August 4, 2000, Glasgow Caledonian University, Glasgow, Great Britain, 153-167.
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- E.7. Rauner, M.S. (2000) A comment on the primary health care reform in Latvia from an Austrian point of view, in: Mikitis, E. (Eds.), *Information, Management, and Planning of Health Services*, Proceedings of the 25th meeting of the European Working Group on Operational Research Applied to Health Services, Valmiera, Latvia, July 18-23, 1999, Health Statistics and Medical Technology Agency, Riga, Latvia, 231-232.
- E.6. Rauner, M.S. (2000) Managing the AIDS epidemic in Vienna, Austria: prevention strategies for the 21st century, in: Mikitis, E. (Eds.), *Information, Management, and Planning of Health Services*, Proceedings of the 25th meeting of the European Working Group on Operational Research Applied to Health Services, Valmiera, Latvia, July 18-23, 1999, Health Statistics and Medical Technology Agency, Riga, Latvia, 101-114.
- E.5. Rauner, M.S. (2000) Using simulation to analyze the effects of prevention programs on the HIV epidemic in Vienna, Austria, in: Anderson, J.G., Katzper, M. (Eds.), *Proceedings of the International Conference on Health Sciences Simulation, 2000 Western MultiConference, San Diego, California, January 23-27, 2000*, The Society of Computer Simulation International, San Diego, USA, 41-46.
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- E.2. Roth, M.S., Heidenberger, K. (1998) Strategic investment in HIV/AIDS control programmes: a system-dynamics-based economic evaluation, in Kischka, P., Lorenz, H.-W., Derigs, U., Domschke, W., Kleinschmidt, P., Moehring, R. (Eds.), *Operations Research Proceedings 1997, Selected Papers of the Symposium on Operations Research (SOR 97)*, Springer-Verlag, Berlin/Heidelberg/New York, Germany, 575-580
- E.1. Gronalt, M., Guenther, H.-O., Roth, M.S. (1993) Simulationsuntersuchungen zur Abstimmung von Produktions- und Transportlosgrößen in der Serienfertigung, in: Hansmann, K.-W., Bachem, A., Jarke, M., Katzenberger, W.E., Marusev, A. (Eds.), *Operations Research Proceedings 1992, DGOR, Vorträge der 21. Jahrestagung*, Springer-Verlag, Berlin/Heidelberg/New York, Germany, 152.

F. Magazine Articles

- F.5. Sommersguter-Reichmann, M., Rauner, M. & Hirsch, P. (2020) To fight the COVID-19 Pandemic: The e-ORAHs 2020 Conference in Vienna, Austria, Sep 2020, *IFORS News*, Vol. 15, No. 3, 28-30
- F.4. Rauner, M.S., Schwarz B. (2020) Viribus Unitis: Wie stoppt man eine Pandemie? *Das österreichische Gesundheitswesen – ÖKZ*, Vol. 61, Nos. 3-4, 18-21.
- F.3. Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstätter, J., Wittig, K., Mayer, B. (2012) Unfallfolgekosten – Die wirtschaftlichen Auswirkungen von Arbeitsunfällen, *Sichere Arbeit*, 11-15.
- F.2. Rauner, M.S., Schaffhauser-Linzatti, M.M., Niessner, H. (2011) Ein Managementplanspiel von Großschadenseinsätzen für Rettungsdienste, *Das österreichische Gesundheitswesen – ÖKZ*, Vol. 52, No. 7, 8-11.
- F.1. Rauner, M.S., Pesendorfer, E.-M. (2006) Kosten-Wirksamkeit von Praeventionsmaßnahmen fuer das Diabetische Fußsyndrom, *Klinik*, Vol. 16, No. 3, 12-13.

G. Submitted Articles

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H. Working Papers

Several

I. Miscellaneous

- I.5. Rauner, M.S. (2002) *Quantitative Models for Strategic Decision Support in Health Care Management*, Cumulative Habilitation, Department of Innovation and Technology Management, University of Vienna, Austria.
- I.4. Rauner, M.S., Schaffhauser-Linzatti, M.-M. (2001) *Strategische Analysen zur leistungsorientierten Krankenhausfinanzierung in Oesterreich*, 10 Jahre BetriebsWirtschaftsZentrum der Universitaet Wien, University of Vienna, Austria, 31.
- I.3. Rauner, M.S. (2000) *Additional Data Set for the Paper "Resource Allocation for HIV/AIDS Control Programs: a Model-based Policy Analysis,"* Department of Innovation and Technology Management, University of Vienna, Austria.
- I.2. Roth, M.S. (1997) *Strategisches Management von Gesundheitstechnologien am Beispiel mehrperiodiger HIV/AIDS-Mehrcompartment-Modelle*, Doctoral Dissertation, Institute of Business Administration, Department of Innovation and Technology Management, University of Vienna, Austria.
- I.1. Roth, M.S. (1992) *Simulationsuntersuchung zur Abstimmung von Produktions- und Transportlosen in der Serienfertigung mit Hilfe von Xcell+*, Thesis, Department of Production and Logistics, Institute of Business Administration, University of Vienna, Austria.

J. Media

- J.16. Rauner, M. (2021) *Ärzte Woche*, 26. Mai 2021, *Covid-19: Arbeitsplätze und globale Lieferketten umbauen*
- J.15. Kopf, J., Rauner, M. & ORF Wien (2021), Wissenschaftsfonds FWF & ORF Radio Wien, 20. April 2021, <https://wien.orf.at/radio/stories/3099065/>, *Chance oder Schaden – die neue Arbeitswelt nach Corona*
- J.14. Rauner, M. (2020) ULVnetinfo 6/2020, UniversitätslehrerInnenverband an der Universität Wien, <http://univie.ulv.at>, *Notfallvorkehrungen bei Epidemien/Pandemien.*
- J.13. Schwarz-Stiglbauer, M, (2020) scilog (FWF), 15. Mai 2020, <https://scilog.fwf.ac.at/kultur-gesellschaft/11590/oesterreich-muss-autarker-werden>, *Österreich muss autarker werden*
- J.12. Illetschko, P., Traxler, T. (2020) *Der Standard*, 20. März 2020, <https://www.derstandard.at/story/2000115938976/wird-es-eine-impfpflicht-gegen-corona-geben>, *Wird es eine Impfpflicht gegen Corona geben?* (Interview: Rauner, M. & Schwarz, B.)
- J.11. Bauer, K. (2018) *Der Standard*, 9 Jun 2018, <https://derstandard.at/2000081161678/Bewerbung-Guter-Charakter-schlaegt-gute-Noten>, *Bewerbung: Guter Charakter schlägt gute Noten*
- J.10. Lendl, Ch. (2018), *Addendum*, 26. März 2018, <https://www.addendum.org/kh-nord/gebaut/>, *Für wen wird das Krankenhaus Nord gebaut?*
- J.9. Engelhardt-Krajaneck, M. (2017) ORF Ö1 Sendereihe Radiokolleg, Oct (to appear), *Thema: Prävention und Gesundheit*
- J.8. Dirl, T. (2017) Universität Wien Medienportal, 28. Apr 2017, <https://medienportal.univie.ac.at/uniview/wissenschaft-gesellschaft/detailansicht/artikel/oekonomisch-nicht-anders-moeglich/> *SEMESTERFRAGE 2017: Gesundheit aus dem Labor – was ist möglich?, Ökonomisch nicht anders möglich.*

- J.7. Peter, S. (2016) Ärzte Krone, 1 Aug 2016, http://www.medmedia.at/aerztekrone_ausgabe/aek201614/, *Wer Großes will, erreicht auch viel! - ANLÄSSLICH DER FESTVERANSTALTUNG „Dr. Karl Landsteiner – vor 100 Jahren Prosektor im Wilhelminenspital“ wurde auf das Lebenswerk und Erbe des Entdeckers der Blutgruppen zurückgeblickt und auch ein Ausblick auf die Zukunft der Transfusionsmedizin gegeben.*
- J.6. Köttritsch, M. (2013) Die Presse, 27 Sep 2013, http://karrierenews.diepresse.com/home/karrieretrends/1457881/Im-Trockendock_Spielend-lernen#, *Im Trockendock: Spielend lernen, Wo Emotionen im Spiel sind, ist der Lerneffekt enorm. Daher sind wirtschaftliche und organisatorische Zusammenhänge auf dem Spielbrett und in Onlinesimulationen einfach zu verstehen.*
- J.5. Weiser, U. (2007) Presse, 25 Mai 2007, <http://diepresse.com/home/panorama/oesterreich/306638/print.do>, *Der Preis des Überflusses: 1,37 Mrd. Euro, WAS KOSTET ÜBERGEWICHT? Zu dick sein ist teuer für die Allgemeinheit – und für den Einzelnen. Vor allem weil es meistens sozial Schwache trifft.*
- J.4. Martin Rümmele, M. (2003) Wirtschaftsblatt, 12 Mär 2003, <http://wirtschaftsblatt.at/home/834592/index>, *Wirtschaft lehnt Regierungspläne zur Aufspaltung der Unfallversicherung ab; Arbeitsunfälle: Folgekosten von 1,7 Milliarden; Eine neue Studie der Unfallversicherung beziffert erstmals die langfristigen Folgekosten von Arbeitsunfällen für Unternehmen, Kassen und die Volkswirtschaft.*
- J.3. FWF (2002) Mathematische Gesundheit, Computermodelle als "virtuelle Entscheidungshilfe", Universum, 1 Jan 2002, <http://www.universum.co.at/>, *Mathematische Gesundheit, Computermodelle als "virtuelle Entscheidungshilfe"*
- J.2. Fonds Gesundes Österreich (2001) Gesundes Österreich, Magazin für Gesundheitsförderung und Vorsorge, 1 Dez 2001, *Wenn die Mittel knapp werden.*
- J.1. Anonymous (2001) Science.orf.at, 1 Sep 2001, <http://sciencev1.orf.at/science/news/20429>, *Gesundheit mathematisch modelliert.*

K. Evaluation of the Publications by Journal Rankings

My research interests pertain to the areas of strategic, tactical, and operations management as well as health economics. A special focus is given to optimal resource allocation using combined quantitative & qualitative methodologies and decision support systems for policy makers in health care and disaster management. My main topics include: 1) disease/injury prevention programmes, 2) investigation of hospital re-imburement systems, 3) health care/disaster management games, 4) health care delivery, and disaster management. I have published more than 50 international articles (about 30 SSCI) as a result of international, national, and local interdisciplinary co-operations with both researchers and practitioners (see *publication list*). For example, I have collaborated with researchers from Stanford University, Carnegie Mellon University, University of Toronto, University of Southampton, Erasmus University Rotterdam, University of Greifswald, Vienna University of Economics and Business Administration, and Technical University of Vienna. I have presented my research at more than 140 international conferences and institutions including many invited talks and keynotes (see *publication list*).

Evaluation of the Publications by Journal Rankings

- **VHB-JOURQUAL 2.1: Ranking of the Association of Business Administration Professors:**
<http://vhbonline.org/service/jourqual/vhb-jourqual-21-2011/>
- **SSCI: Social-Science Citation Index: Ranking of the ISI Web of Knowledge**
<http://www.thomsonscientific.com/cgi-bin/jrnlst/jloptions.cgi?PC=J>
- **JCR: Journal Citation Report: Ranking of the ISI Web of Knowledge:**
<http://scientific.thomson.com/support/recorded-training/jcr/>

39 International Peer-Reviewed Journal Publications & 12 Editorials by Marion S. Rauner (1998 – 2022)			
Journal	Year	VHB-JOURQUAL 3	SCI/SSCI/JCR-Ranking
Annals of Operations Research	2010 (Eds.)	B	X
Central European Journal of Operations Research	2005 & 2005 (Eds.) 2009 2009 (Eds.) 2 x 2010 & 2010 (Eds.) 2014 (Eds.) 2015 2018 & 2018 (Eds.) 2022 & 2022 (Eds.)	C	X
Computational Management Science	2007		
Computers & Operations Research	2007	B	X
EURO Journal on Decision Processes	2016 (Eds.)		
European Journal of Operational Research	2003 & 2003 (Eds.) 2008	A	X
Flexible Services and Manufacturing Journal	2012 (Eds.) 2016	B	X
Handchirurgie Mikrochirurgie Plastische Chirurgie	2015		X [SCI plus Medline]
Health Care Management Science	2001 2002 2005 2012 2021 (Eds.)	A	X
Health Policy	2003	B	X
International Journal of Decision Support Systems	2019		
International Journal of Production Research	2015	B	X
International Journal of Healthcare Technology and Management	2001 2002 2011		
International Advances In Economic Research	2014		
International Journal of Technology Management	1998	C	X
IMA – Journal of Management Mathematics	2005		
Journal of Decision Systems	2016	B	X
Journal of the Operational Research Society	2005	B	X
Operations Research	2010	A+	X
Operations Research for Health Care	2018 & 2018 (Eds.)		
OR Spectrum	2002 2003 2008	A	X
Schmalenbach Journal of Business Research	2022	B	
Socio-Economic Planning Sciences	1999 2002 2008		X
Zeitschrift fuer oeffentliche und gemeinwirtschaftliche Unternehmungen	1998	C	
Summary		A+: 1 A: 9; 2 editorial B: 6; 2 editorial C: 8; 6 editorials	27 contributions 8 editorials

Betriebswirte-Ranking 2009 (Ranking of Professors of Management): Top 100 – Researchers under 40 years: rank 27 <http://www.handelsblatt.com/bwl-u40/>
 Betriebswirte-Ranking 2012 (Ranking of Professors of Management): Top 250 – Researchers' lifework – rank 304 with 3.31 points (rank 250 would be 3.48 points) : <http://tool.handelsblatt.com/tabelle/index.php?id=110&so=1a&pc=250&po=0>

L. Scientific Talks

Planned: ORAHS – Bergamo (July 2022) & EURO Hope – Istanbul (October 2022)

- K.140 Carli, L., Rauner, M. (2022) *Technologiebewertung von virtuellen Lehrmethoden mittels Videokonferenzen-Tools: eine Umfrage unter Statistikstudierenden der Universität Wien im Herbst 2021*, 24. VHB-Workshop Hochschulmanagement (online), University Duisburg-Essen, Germany, February 4.
- K.139 Rauner, M. (2022) *Simulation-Optimization Based Policy Disaster Management Game for Mass Casualty Incidents: Improved Management Strategies for Different Disaster Policy Scenarios*, Winter School of Operational Research in Public Health Emergencies (ORPHES), online, January 10 – February 25.
- K.138 Rauner, M., Behrens, D., Sommersguter-Reichmann, M. (2021) *Resilience in Health Care Systems: Implications for Austria*, International Conference on Operations Research 2021, OR2021, University of Bern (online), Switzerland, August 31 – September 3.
- K.137 Biach, A., Rauner, M. (2021) *Learnings aus dem Jahr 2020 für die Struktur des Gesundheitswesens - Gewinner oder Verlierer? Hat sich unser Gesundheitswesen in der Krise bewährt und welche Lehren das Jahr 2020 für die Zukunft bereithält?*, imh Fachkonferenz "Bau & Betrieb von Gesundheitseinrichtungen", July 6-7.
- K.137 Rauner, M., Staribacher, D., Niessner, H., (2021) *Planning Hospital Resources for Mass Casualty Events: a DES-based Viennese Case Study*, annual meeting of the EURO Working Group on ORAHS (online), University of Southampton, UK & Simon Fraser University, Canada, July 5-9.
- K.136. Rauner, M. (2021) *Resilience of Health Care Systems in Challenging Times: The Need of Advanced Policies*, 6th International Health Sciences and Management Conference Changing Paradigms in Health (online), Süleman Demirel University, Isparta, Turkey, May 20-21.
- K.135. Rauner, M., Schnedlitz, S., Blaschke, S. (2021) *Childhood Vaccination in Vienna, Austria: A Cross-Sectional Survey Conducted in 4th Grades of Public Primary Schools*, 14. International NPO-Colloquium (online), University of Linz, April 8-9.
- K.134. Rauner, M., Weinhart, J., Schaffhauser-Linzatti, M. (2021) *Die COVID-19 Pandemie: Eine Zerreißprobe für den Wirtschaftssektor „Erziehung und Unterricht“*, 23. VHB-Workshop Hochschulmanagement (online), University Duisburg-Essen, Germany, February 2.
- K.133. Rauner, M. (2020) *Mentoring aus Sicht einer Mentorin 2004-2006 von muv 2 & Förderung von exzellenten Studierenden*, Über den Lernstoff hinaus – Begabungsforschung und Exzellenzförderung in Österreich. Von 'Schülerinnen und Schülern an die Hochschulen' bis zu speziellen Mentoring-Programmen als Brücke zwischen Schule und Universität, OeAD (Österreichischer Austauschdienst) (online), Vienna, Austria, September 23.
- K.132. Rauner, M., Schnedlitz, S., Blaschke, S. (2020) *Childhood Vaccination in Vienna, Austria: A Cross-Sectional Survey Conducted in 4th Grades of Public Primary Schools*, annual meeting of the EURO Working Group on ORAHS (online), Vienna, Austria, July 26 - 31.
- K.133. Frohner, U., Kocher, M., Rauner, M., Riedel, M. (2019) *Podiumsdiskussion zum Thema „Die Zukunft der Pflege“*, *Wissenschaft & Praxis*, Universität Wien, Fakultät für Wirtschaftswissenschaften, Vienna, Austria, December 3.
- K.132. Rauner, M., Schnedlitz, S., Blaschke, S. (2019) *Childhood Vaccination in Vienna, Austria: A Cross-Sectional Survey Conducted in 4th Grades of Public Primary Schools*, Forth EURO Hope mini-conference, Kristiansand, Norwegen, September 5-6.

- K.131 Rauner, M., Simeon Beile, Niessner Helmut (2019) *A Simulation-Optimization For the New Austrian Advanced Medical Post (AMP): Investigating Different Realistic Disaster Policy Scenarios*, annual meeting of the EURO Working Group on ORAHS, Karlsruhe, Germany, July 29 – August 3.
- K.130 Rauner, M., Simeon Beile, Niessner Helmut (2019) *A Simulation-Optimization For the New Austrian Advanced Medical Post (AMP): Investigating Different Realistic Disaster Policy Scenarios*, EURO 2019, Dublin, Ireland, June 23 - 26.
- K.129 Schosser, A., Affenzeller, A., Senft, B., Rauner, M. (2019) *A Cost-effectiveness Analysis for an Ambulant Psychiatric Rehabilitation Programme in Vienna, Austria*, 4th ATHEA Conference „Economics of Child Health“, Vienna, Austria, March 1.
- K.128 Rauner, M., Simeon Beile, Niessner Helmut (2018) *A Simulation Optimizer for Mass Casualty Incidents: Improved Management Strategies for Different Disaster Scenarios*, Third EURO Hope mini-conference, Catholic University of Leuven, Belgium, September 13-14.
- K.127 Schosser, A., Affenzeller, A., Senft, B., Rauner, M. (2018) *Ambulant psychiatric rehabilitation in Vienna, Austria: A cost-effectiveness analysis*, annual meeting of the EURO Working Group on ORAHS, Oslo Science Park Oslo, Norway, July 29 – August 4.
- K.126 Staribacher, D., Niessner, H., Rauner, M. (2018) *Hospital resource planning for mass casualty events: a DES-based case study of a major Viennese hospital*, EURO 2018, Valencia, Spain, July 8 - 11.
- K.125 Bauer, K., Leimüller, G., Schuch, K., Rauner, M. (2018) *Innovation – Wie entsteht Neues im Arbeitskontext?*, Podium Discussion/Round Table, UNI Success 2018, University of Vienna, Austria, June 5.
- K.124 Schosser, A., Affenzeller, A., Senft, B., Rauner, M. (2018) *A cost-effectiveness analysis for an ambulant psychiatric rehabilitation programme in Vienna, Austria*, NOEG annual meeting, Vienna, Austria, Norway, May 11 – 12.
- K.123 Rauner, M. (2018) *Innovation & Technology Management in Sport*, Te(a)chIn Sport (Erasmus+ Programme of the EU), Universität Wien, Zentrums für Sportwissenschaft und Universitätssport, Vienna, Austria, April 18 – 20.
- K.122 Rauner, M. (2017) *Schülertag: Faszination Wirtschaftswissenschaften; Workshop: Simulation von Katastrophen/Planspiel für Rettungsorganisationen*, Jahrestagung des Vereins für Socialpolitik, Vienna, Austria, September 4-6.
- K.121 Rauner, M., Niessner, H., Neville, K., Pope, A., Woodworth, S., Steen, O., Holmberg, N. (2017) *Improving Interoperability of Major Disasters: Main Tasks, Materials, Equipment, EU Civil Protection Modules and Responders - A Decision Support System*, 43th annual meeting of the EURO Working Group on ORAHS, Bath, United Kingdom, July 30 – August 4.
- K.120 Rauner, M., Niessner, H., Neville, K., Pope, A., Woodworth, S., Steen, O., Holmberg, N. (2017) *Decision Support for Improving Interoperability of Major Disasters: Main Tasks, Materials, Equipment, EU Civil Protection Modules and Responders*, *Informa Healthcare* 2017, Rotterdam, The Netherlands, July 26-28.
- K.119 Rauner, M.S., Niessner, H., Gutjahr, W. (2017) *A Dynamic Simulation-Optimization Approach for Managing Casualty Incidents: Potential for the current European Refugee Crisis*, Second EURO Hope mini-conference, Vienna, Austria, June 29-30.
- K.118 Rauner, M.S., Niessner, H., Gutjahr, W. (2016) *A Management Policy Game for Mass Casualty Incidents: Simulation-Optimization Approaches Beat Human Players*, 42nd annual meeting of the EURO Working Group on ORAHS, Pamplona, Spain, July 24-29.

- K.117 Rauner, M.S. (2016) Gefahrenpotenzial von Epidemien, *Special Celebration Meeting of the Karl Landsteiner Society "Karl Landsteiner –Prosecutor at the Wilhelminen Hospital 100 years ago"*, Karl Landsteiner Society", Vienna, Austria, Invited Talk, June 7.
- K.116 Rauner, M.S. (2016) *Organizing Evacuation Management for Major Disasters: Main Tasks, Materials, Equipment, EU Civil Protection Modules and Responders*, Seminar Series of Research Institute for Supply Chain Management, Vienna University of Economics and Business, Austria, Invited Seminar Talk, April 25.
- K.115 Schaffhauser-Linzatti, M., Rauner, M., Kaufmann, S. M., Blaschke, S. (2016) *Fluktuation von Pflegepersonal in Krankenanstalten*, 12. International NPO-Colloquium, University of Göttingen, April 21-22.
- K.114 Rauner, M.S., Niessner, H., Sasse, L., Tomic, C.(2016) *Organizing emergency shelter for major disasters: main tasks, materials, equipment, EU Civil Protection Modules, and responders involved*, First EURO Hope mini-conference, Hamburg, Germany, March 4-5.
- K.113 Rauner, M.S., Mayer, B. (2015) *Unfallbereich – Konzepte, Epidemiologie, Best Practice: Prävention von Arbeitsunfällen die Hände betreffend: Arbeitsunfallfolgekostenberechnung bei der AUVA*, Sigmund-Freud-University, B4-7 Akut- und Notfallmedizin, Vienna, Austria, October 8.
- K.112 Rauner, M.S., Niessner, H., Sasse, L., Tomic, K. (2015) *Decision support for health care emergency management: interlinking interventions, responders, and equipment/materials*, OR2015, International Conference on Operations Research, Vienna, Austria, Sept 1-4.
- K.111 Schaffhauser-Linzatti, M.-M., Rauner, M.S., Mayer, B. (2015) *The application of a decision support system to calculate consequential costs of hand injuries*, OR2015, International Conference on Operations Research, Vienna, Austria, Sept 1-4.
- K.110 Rauner, M.S., Niessner, H., Sasse, L., Tomic, K. (2015) *A taxonomy for health care emergency management: interlinking emergency interventions, responders, and equipment/materials*, 41st annual meeting of the EURO Working Group on ORAHS, Montreal, Canada, July 19-24.
- K.109 Rauner, M.S. (2015) *Flüchtlingssituation aus medizinischer Sicht: Epidemiologische Aspekte und Ressourcenplanung*, Sigmund-Freud-University, B4-7 Akut- und Notfallmedizin, Vienna, Austria, October 9.
- K.108 Rauner, M.S., Niessner, H., Sasse, L., Tomic, K. (2015) *Decision support for health care emergency management: interlinking emergency interventions, responders, and equipment/materials*, OEGOR working Group and Austrian Health Economics Association (ATHEA) meeting 'Operations Research in Health Care', Vienna, Austria, May 22.
- K.107 Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstätter, J., Wittig, K., Mayer, B. (2014) *Prevention of occupational Hand injuries and subsequent cost prediction at the Austrian Compensation Board (AUVA)*, 3rd European Hand Injury Congress, Vienna, Austria, October 20-21.
- K.106 Rauner, M.S., Sommersguter-Reichmann, M. (2014) *Benchmarking Rescue Departments of the Austrian Red Cross Using Data Envelopment Analysis and Fractional Regression Models*, 40th annual meeting of the EURO Working Group on ORAHS, July 20-25.
- K.105 Rauner, M.S., Sommersguter-Reichmann, M. (2014) *Impact of Environmental Conditions on Efficiency of Austrian Red Cross Departments: Data Envelopment Analysis (DEA)*, 20th Conference of the IFORS & EURO, Barcelona, Spain, July 13-18.
- K.104 Rauner, M.S., Sommersguter-Reichmann, M. (2014) *Benchmarking Rescue Departments of the Austrian Red Cross Using Data Envelopment Analysis and Fractional Regression Models*, University of Graz, Invited Seminar Talk, Austria, May 27.
- K.103 Rauner, M.S., Niessner, H., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2014) *Disaster Management Game (SanHist)*, Institute for Applied Studies, Invited Seminar Talk, Vienna, Austria, May 19.

- K.102 Schaffhauser-Linzatti, M.M., Rauner, M.S., Blaschke, S., Eder, N., Kolesnik, M. (2014) *Strategisches Controlling in Krankenanstalten: Eine statistische Analyse am Beispiel Wiens*, 11. International NPO-Colloquium, University of Linz, April 3-4.
- K.101 Rauner, M.S., Niessner, H., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2013) *Online Scheduling of Ambulance Services at Disaster Sites Using a Policy Simulator: Experimental Analysis of Players' Strategies and Success*, University of Pamplona, Invited Seminar Talk, Spain, December 10.
- K.100 Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstaetter, Schwarz, B., Harper, P., Wittig, K., Mayer, B. (2013) *Prevention of occupational injuries at the General Accident Insurance Institution (AUVA): design and application of decision support systems for predicting subsequent costs from 2001 to 2011*, EURO Mini-Conference, Graz, Austria, October 17-19.
- K.99. Rauner, M.S., Lauss, D., Sommersguter-Reichmann, M. (2013) *Efficiency of Rescue Departments of the Austrian Red Cross: A Data Envelopment Analysis Benchmarking Study*, 39th meeting of the European Working Group on OR Applied to Health Services, Istanbul, Turkey, July 7-12.
- K.98. Rauner, M.S., Lauss, D., Sommersguter-Reichmann, M. (2013) *Benchmarking Rescue Departments of the Austrian Red Cross Using Data Envelopment Analysis*, EURO/INFORMS international meeting, Rome, Italy, July 1-4.
- K.97. Lauss, D., Rauner, M.S., Sommersguter-Reichmann, M. (2013) *Benchmarking von ausgewählten Dienststellen des Österreichischen Roten Kreuzes anhand einer Data Envelopment Analysis*, meeting of the Austrian Working Group on Operations Research in Health Care, Vienna, Austria, May 13.
- K.96. Rauner, M.S., Bauerstätter, J., Schaffhauser-Linzatti, M.M., Wittig, K., Mayer, B. (2013) *Consequential costs of occupational accidents from an economic and managerial perspective*, International Atlantic Economic Conference, Vienna, Austria, April 3-6.
- K.95. Rauner, M.S., Schaffhauser-Linzatti, M.M., Bauerstätter, J. (2012) *Prevention programs for occupational injuries: cost analysis and targeted resource allocation*, 38th meeting of the European Working Group on OR Applied to Health Services, Enschede, The Netherlands, July 15-20.
- K.94. Niessner, H., Rauner, M.S. (2012) *Online Scheduling of Ambulance Services at Disaster Sites*, meeting of the Austrian Working Group on Operations Research in Health Care, Vienna, Austria, April 23.
- K.93. Niessner, H., Rauner, M.S., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2012) *Online scheduling of ambulance services at disaster sites using a policy simulator: experimental analysis of players' strategies and success*, Conference MUC12 of GOR-Working Group "Simulation and optimization of complex systems" - "Fuzzy systems, neuronale networks und artificial intelligence" together with Siemens AG, Corporate Technology, Germany, Munich, February 23-24.
- K.92. Rauner, M.S., Niessner, H., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2011) *How do best manage ambulance services at a disaster site? Experimental analysis of players strategies and success*, 37th meeting of the European Working Group on OR Applied to Health Services, Cardiff, Great Britain, July 24-29.
- K.91. Rauner, M.S., Niessner, H., Leopold-Wildburger, U., Peric, N., Herdlicka, T. (2011) *A disaster planning management game for ambulance services: experimental analysis of players strategies and success*, OR 2011, International Conference on Operations Research, Zurich, Switzerland, August, 30 - September 2.
- K.90. Schaffhauser-Linzatti, M.-M., Rauner, M.S., Blaschke, S., Eder, N., Kolesnik, M. (2011) *Strategic controlling in Viennese hospitals: a statistical analysis*, OR 2011, International Conference on Operations Research, Zurich, Switzerland, August, 30 - September 2.
- K.89. Rauner, M.S. (2010) *Das Gesundheitswesen: Balanceakt zwischen Wirtschaftlichkeit und Menschlichkeit*, 1.MTD-Forum, Vienna, Austria, November 5.

- K.88. Rauner, M.S., Niessner, H., Schaffhauser-Linzatti, M.M. (2010) *A DES-based decision support system for disaster planning of ambulance services*, Operations Research 2010, International Scientific Annual Conference, Munich, Germany, September 1-3.
- K.87. Rauner, M.S., Niessner, H. (2010) *Disaster planning for ambulance services: a DES-based decision support system*, EURO international meeting, Lisbon, Portugal, July 11-14.
- K.86. Niessner, H., Rauner, M.S. (2010) *Simulation einer Sanitaetshilfsstelle bei einem Massenanfall von Verletzten*, meeting of the Austrian Working Group on Operations Research in Health Care, Vienna, Austria, June 9.
- K.85. Rauner, M.S. (2010) *Gesundheitstechnologiebewertung (Health Technology Assessment) im Pharmabereich*, Market Access, Vienna, Austria, May 25.
- K.84. Rauner, M.S. (2010) *Ausblick: Wie geht's weiter? Fusionen und Schließungen von Krankenhaeusern in Oesterreich aus gesundheitsoekonomischer Sicht*, Die Spital 2010, Vienna, Austria, May 4.
- K.83. Rauner, M.S. (2010) *Benchmarking im Gesundheitswesen - Wie Effizienz von Spitaelern am Besten miteinander verglichen werden kann & Vernuenftige Vergleichsstudien kennen und interpretieren lernen*, Die Spital 2010, Vienna, Austria, May 4.
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- K.81. Rauner, M.S., Kraus, M., Gesselbauer, J., Schwarz, S., Panosch, B. (2009) *The potential of health care games for teaching and policy desicion making*, 35th meeting of the European Working Group on OR Applied to Health Services, Leuven, Belgium, July 12-15.
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- K.78. Rauner, M.S., Schaffhauser-Linzatti,M.-M., Zeileis, A. (2008) *Incentives of the Austrian performance-oriented reimbursement system on the treatment of patients with knee-joint problems*, Operations Research 2008, International Scientific Annual Conference, Augsburg, Germany, September 3– 5.
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- K.76. Rauner, M.S. (2008) *Empowerment of performance assessment and quality by using hospital games, An internet-based multiple hospital game for policy making and teaching*, 2nd International WHO Conference on the Performance Assessment Tool for Quality Improvement in Hospitals, Vienna, Austria, July 3-4.
- K.75. Rauner, M.S., Schaffhauser-Linzatti,M.-M.(2008) *Steuerung und Kontrolle mittels neuer Instrumente der Krankenhausfinanzierung*, 8. Internationales NPO-Forschungscolloquium, Linz, Austria, April 17-18 (sponsored talk, invited by Prof. Dr. Reinbert Schauer)
- K.74. Rauner, M.S., Schaffhauser-Linzatti,M.-M., Zeileis, A. (2008) *Anreizwirkungen der Österreichischen Leistungsorientierten Krankenhausfinanzierung auf die Behandlung von stationären Patienten mit Binnenschädigungen des Kniegelenks*, Arbeitsgruppentreffen der Deutschen Arbeitsgruppe "Health Care Management", Frankfurt, Germany, February 29.

- K.73. Rauner, M.S. (2008) *Operations Research Applied to Health Services: Challenges for the 21st Century*, OR Seminar, Koc University, Istanbul, Turkey, January 11. (sponsored talk, invited by Prof. Evrim Gunes)
- K.72. Rauner, M.S. (2007) *Operations Research Applied to Health Services: Challenges for the 21st Century*, "OR in Healthcare" Conference, University of Twente, Enschede, The Netherlands, November 19-20. (sponsored talk, invited by Prof. Dr. Erwin Hans)
- K.71. Rauner, M.S., Gutjahr, W., Heidenberger, K., Wagner, J., Pasia, J. (2007) *Chronic disease policy modeling: Metaheuristic-based identification of pareto-optimal screening strategies*, Operations Research 2007, International Scientific Annual Conference, Saarbruecken, Germany, September 5-7.
- K.70. Rauner, M.S., Kraus, M., Gesselbauer, J., Schwarz, S. (2007) *Challenges for operations research applied to health services*, Associazione Italiana di Ricerca Operativa "Optimization and Decision Sciences" Conference 2007, Genova, Italy, September 5-8. (sponsored talk, invited by Professor Dr. Anna Sciomachen/Professor Dr. Angela Testi)
- K.69. Rauner, M.S., Kraus, M., Gesselbauer, J., Schwarz, S. (2007) *Using operations research techniques for internet-based hospital games*, 33rd meeting of the European Working Group on OR Applied to Health Services, St. Etienne, France, 15-20.
- K.68. Rauner, M.S., Gutjahr, W., Heidenberger, K., Wagner, J., Pasia, J. (2007) *Dynamic policy modeling for chronic diseases: Metaheuristic-based identification of pareto-optimal screening strategies*, EURO international meeting, Prague, Czech Republic, July 8-11.
- K.67. Kraus, M., Gesselbauer, J., Rauner, M.S., Schwarz, S. (2007) *An internet-based hospital game to improve resource allocation*, EURO international meeting, Prague, Czech Republic, July 8-11.
- K.66. Rauner, M.S., Kraus, M., Gesselbauer, J., Schwarz, S. (2007) *The challenge of internet-based hospital management games for teaching and research*, Internationale MUC01-Konferenz, Entscheidungsunterstuetzung und Optimierung in komplexen Situationen und vernetzten Systemen, University of the Armed Forces, Munich-Neubiberg, Germany, March 5-7.
- K.65. Rauner, M.S. (2007) *Dynamische Dienstzuteilung von Pool-Krankenschwestern mit Hilfe von Ant Colony Optimization*, Albert-Ludwigs-University Freiburg, Business Administration Seminar Department II, Lecture, Freiburg, Germany, January 30. (sponsored talk, invited by Professor Dr. Dieter Tscheulin)
- K.64. Rauner, M.S., Kraus, M., Gesselbauer, J., Schwarz, S. (2006) *The role of hospital games: Implications for teaching, research, and policy making*, Biennial Beta Conference 2006, Management of Service Operations, Eindhoven, The Netherlands, September 14-15. (sponsored talk, invited by Professor Dr. Erwin Hans)
- K.63. Rauner, M.S., Gutjahr, W.J. (2006) *Using an ACO algorithm to solve a dynamic regional nurse-scheduling problem in Austria*, Operations Research 2006, International Scientific Annual Conference, Karlsruhe, Germany, September 6-8.
- K.62. Kraus, M., Gesselbauer, J., Rauner, M.S., Schwarz, S. (2006) *The "COREmain hospital" game: implications for teaching, research, and policy making*, INFORMS international meeting, Hong Kong, China, June 25-28.
- K.61. Rauner, M.S., Behrens, D., Caulkins, J.P. (2006) *Modelling the spread of HCV via tattoo parlours: implications for public health interventions*, INFORMS international meeting, Hong Kong, China, June 25-28.
- K.60. Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2006) *Kosten-Wirksamkeit von Praeventionsmaßnahmen fuer den diabetischen Fuß*, Round-table Discussion, 8th annual meeting of the Austrian Society for Wound Treatment, Vienna, Austria, April 21-22.

- K.59. Rauner, M.S., Behrens, D., Caulkins, J.P. (2006) *War die Regulierung von Tattooshops eine kostenwirksame Maßnahme um die Ausbreitung von Hepatitis C in Wien einzudaemmen?*, meeting of the German Working Group on Operations Research in Health Care, Muenster, Germany, February 24.
- K.58. Rauner, M.S. (2006) *Vogelgrippe - Influenza-Pandemie - Mathematische Ausbreitungsmodelle*, Plattform for Health Economics, Vienna, Austria, January 12.
- K.57. Rauner, M.S., Gutjahr, W., Brailsford, S.C., Zeppelzauer, W. (2005) *A combined discrete-event simulation and ant colony optimisation approach for selecting optimal screening policies for diabetic retinopathy*, Operations Research 2005, International Scientific Annual Conference, Bremen, Germany, September 7-9.
- K.56. Rauner, M.S., Behrens, D., Caulkins, J.P. (2005) *Modelling the spread of hepatitis C via tattoo parlours: Implications for public health interventions*, Operations Research 2005, International Scientific Annual Conference, Bremen, Germany, September 7-9.
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- K.54. Rauner, M.S., Schwarz, S., Kraus, M. (2005) *Competition under reimbursement systems: a management game via internet for hospitals (COREmain Hospital)*, Joint Workshop on DSS, Experimental Economics & e-Participation Graz, Austria, June 5-7.
- K.53. Rauner, M.S., Schwarz, S., Kraus, M. (2005) *Internet-basiertes Planspiel fuer Krankenhaeuser in Konkurrenzsituation (COREmain Hospital)*, Verein fuer Socialpolitik, Social Science Committee, Graz, Austria, April 28-30.
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- K.51. Zeppelzauer, W., Gutjahr, W., Rauner, M.S., Brailsford, S. (2005) *Optimale Strategien fuer das Testen von Patienten mit diabetischer Retinopathie*, meeting of the Austrian Working Group on Operations Research in Health Care, Vienna, Austria, February 25.
- K.50. Schneider, G., Rauner, M.S., Heidenberger, K. (2005) *Die Rolle von Verguetungssystemen bei der regionaler Planung von stationaeren Krankenhauspatienten*, meeting of the Austrian Working Group on Operations Research in Health Care, Vienna, Austria, February 25.
- K.49. Rauner, M.S., Gutjahr, W., Brailsford, S.C., Zeppelzauer, W. (2005) *Optimal screening policies for diabetic retinopathy using a combined discrete-event simulation and ant colony optimization approach*, Western Multiconference, International Conference on Health Sciences Simulation, New Orleans, USA, January 23-27.
- K.48. O'Neill, L., Rauner, M.S., Kraus, M., Heidenberger, K. (2004) *Taxonomy of hospital efficiency studies using Data Envelopment Analysis*, INFORMS annual meeting, Denver, USA, October 24-27.
- K.47. Rauner, M.S. (2004) *Die Kosten-Wirksamkeits-Analyse von Frueh-Defibrillationsgeraeten aufgezeigt am Beispiel des Roten Kreuzes*, winter meeting of the Scientific Commission "Public Business Administration," Freiburg im Breisgau, Germany, October 14-15.
- K.46. Gutjahr, W.J., Rauner, M.S. (2004) *Internet-basierte dynamische Dienstzuteilung von Pool-Krankenschwestern*, meeting of the Austrian Working Group on Operations research in Health Care, Vienna, Austria, September 16.
- K.45. Rauner, M.S. (2004) *The principles of cost-effectiveness analysis and cost-benefit analysis*, 1st International HCTM PhD Workshop "Health Care Technology Assessment," Vienna, Austria, August 30-31.

- K.44. Gutjahr, W.J., Rauner, M.S. (2004) *An ACO algorithm for a dynamic regional nurse-scheduling problem in Austria*, 30th meeting of the European Working Group on OR Applied to Health Services, Stockholm, Sweden, June 27 - July 3.
- K.43. Rauner, M.S. (2004) *The principles of cost-effectiveness analysis and cost-benefit analysis*, Seminar Operations Research, Institute for Business Mathematics, Research Group Operations Research and Nonlinear Dynamic Systems, Technical University of Vienna, Austria, November 8.
- K.42. Rauner, M.S., Brailsford, S.C., Flessa, S. (2004) *The use of discrete-event simulation to evaluate strategies for the prevention of mother-to-child transmission of HIV in developing countries*, Vienna Institute of Demography, Austrian Academy of Science, Vienna, Austria, May 17.
- K.41. Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2004) *Kostenwirksamkeit von Praeventionsmaßnahmen fuer das diabetische Fußsyndrom in Oesterreich*, meeting of the German Working Group on Operations Research in Health Care, Heidelberg, Germany, March 5.
- K.40. Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2004) *Sind derzeitige bzw. potentielle Praeventionsmaßnahmen fuer das diabetische Fußsyndrom kostenwirksam?*, meeting of the Austrian Working Group on Operations research in Health Care, Vienna, Austria, January 29.
- K.39. Rauner, M.S., Heidenberger, K., Pesendorfer, E.-M. (2004) *Using a Markov model to evaluate the cost-effectiveness of diabetic foot prevention strategies in Austria*, Western Multiconference, international conference on health sciences simulation, San Diego, USA, January 18-22.
- K.38. Rauner, M.S., Brailsford, S.C., Flessa, S. (2003) *The use of discrete-event simulation to evaluate strategies for the prevention of mother-to-child transmission of HIV in developing countries*, INFORMS annual meeting, Atlanta, USA, October 19-22.
- K.37. Rauner, M.S., Brailsford, S.C., Flessa, S. (2003) *The use of discrete-event simulation to evaluate strategies for the prevention of mother-to-child transmission of HIV in developing countries*, 29th meeting of the European Working Group on OR Applied to Health Services, Prague, Czech Republic, July 27 - August 1.
- K.36. Rauner, M.S., Harper, P., Shahani, A., Schwarz, B. (2003) *Economic impact of occupational accidents: Resource allocation for AUYA's prevention programs*, EURO/INFORMS joint international meeting, Istanbul, Turkey, July 6-10.
- K.35. Rauner, M.S., Brailsford, S.C., Flessa, S. (2003) *Using discrete event simulation to select affordable intervention programs for vertical HIV transmission in developing countries*, Western Multiconference, International Conference on Health Sciences Simulation, Orlando, USA, January 19-23.
- K.34. Rauner, M.S. (2003) *Design of AIDS intervention programs in developing countries using discrete-event simulation*, Carnegie Mellon University/University of Pittsburgh, Applied Decision Modelling Seminar Series 2002 - 2003, Pittsburgh, USA, January 17 (<http://www.andrew.cmu.edu/user/johnson2/AppliedOR.htm>). (sponsored talk, invited by Professor Dr. Jonathan Caulkins)
- K.33. Rauner, M.S., Zeileis, A., Schaffhauser-Linzatti, M.-M., Hornik, K. (2002) *Modelling the effects of the Austrian inpatient reimbursement system on length-of-stay distributions*, Operations Research 2002, international conference on operations research, Klagenfurt, Austria, September 2-5.
- K.32. Rauner, M.S., Bajmoczy, N. (2002) *How Many AEDs in Which Region? An economic decision model for the Austrian Red Cross*, 2nd international conference on the management of healthcare and medical technology on: the hospital of the future, bringing together technology, healthcare, and management, Stuart Graduate School of Business, Chicago, USA, July 28-30.
- K.31. Rauner, M.S., Brailsford, S.C., Flessa, S. (2002) *Using simulation to select affordable HIV/AIDS intervention programmes for developing countries*, 16th triennial conference of the International Federation of Operational Research Societies (IFORS), Edinburgh, Great Britain, July 8-12.

- K.30. Rauner, M.S., Schwarz, B., Harper, P., Shahani, A., Kaspar, L., (2002) *Economic impact of occupational accidents: Resource allocation for AUVA's prevention programmes*, The XVIth World Congress on Safety and Health at Work, Vienna, Austria, May 26-31.
- K.29. Rauner, M.S., Bajmoczy, N. (2002) *Cost-effectiveness of early defibrillation: the case of the Austrian Red Cross*, meeting of the German Working Group on Operations research in Health Care, Nuernberg, Germany, March 8.
- K.28. Rauner, M.S., Heidenberger, K., Bajmoczy, N. (2001) *Die Kosten-Wirksamkeit fruehzeitiger Defibrillation aufgezeigt am Beispiel des Oesterreichischen Roten Kreuzes*, Health Economics Conference, Federal Ministry for Social Security and Generations, Vienna, Austria, November 14.
- K.27. Rauner, M.S., Heidenberger, K., Bajmoczy, N. (2001) *Cost-effectiveness of early defibrillation: the case of the Austrian Red Cross*, 27th meeting of the European Working Group on OR Applied to Health Services, Vienna, Austria, July 30 - August 3.
- K.26. Rauner, M.S. (2001) *Past and future of AIDS policy modeling: implications for policy makers, research seminar*, School of Management, University of Southampton, Great Britain, May 24 (sponsored talk, invited by Professor Dr. Sally Brailsford).
- K.25. Rauner, M.S., Heidenberger, K. (2001) *Scope and role of strategic technology management in hospitals: the case of Vienna, Austria*, 1st international conference on management of healthcare and medical technology, The Hospital of the Future, Enschede, The Netherlands, April 22-24.
- K.24. Rauner, M.S., Schaffhauser-Linzatti, M.-M., Leonard, K.J., Green, B. (2001), *Does funding policy impact on day of week admissions and separations of inpatients? A Austrian-Canadian comparison*, meeting of the German Working Group on Operations Research in Health Care, Trier, Germany, March 2.
- K.23. Rauner, M.S., Brandeau, M.L. (2000) *AIDS policy modeling for the 21st century: an overview of key issues*, 26th meeting of the European Working Group on OR Applied to Health Services, Glasgow, Great Britain, July 30 -August 4.
- K.22. Rauner, M.S., Leonard, K.J., Schaffhauser-Linzatti, M.-M., Green, B. (2000) *Differences of day of week admissions and separations between Canadian and Austria inpatients: the role of funding policy*, 26th meeting of the European Working Group on OR Applied to Health Services, Glasgow, Great Britain, July 30 - August 4.
- K.21. Leonard, K.J., Rauner, M.S., Schaffhauser-Linzatti, M.-M. (2000) *The effect of funding policy on day of week admissions and separations in hospitals: the cases of Canada and Austria*, INFORMS/KORMS international meeting, Seoul, Korea, June 18-21.
- K.20. Rauner, M.S., Brandeau, M.L. (2000) *AIDS policy modeling for the 21st century: an overview of key issues*, Medical Modeling Workshop, Stanford University, Stanford, USA, May 17.
- K.19. Rauner, M.S. (2000) *Important issues in AIDS policy modeling illustrated by the case of Vienna, Austria*, School of Public Health, University of Houston, USA, April 17 (sponsored talk, invited by Professor Dr. Asha Kapadia).
- K.18. Rauner, M.S. (2000) *Using simulation to analyze the effects of prevention programs on the HIV epidemic in Vienna, Austria, 2000*, Western MultiConference, International Conference on Health Sciences Simulation, San Diego, USA, January 23-27.
- K.17. Rauner, M.S. (2000) *AIDS policy modeling on the road to the 21st century: the case of Vienna, Austria*, Seminar on Epidemiology, Stanford University, Stanford, USA, January 18.
- K.16. Rauner, M.S. (2000) *The role of HIV prevention programs targeted to high-risk groups in Vienna, Austria: a cost-effectiveness analysis*, Medical Modeling Workshop, Stanford University, Stanford, USA, January 12.

- K.15. Rauner, M.S. (1999) *Managing the AIDS epidemic in Vienna, Austria for the 21st century: the role of more costly advanced suppressors*, poster, Northern California Epidemiology Network, Inaugural Conference, San Francisco, USA, November 19.
- K.14. Rauner, M.S. (1999) *AIDS policy modeling on the road to the 21st century: the case of Vienna, Austria*, conference of the International Federation of Operational Research (IFORS), Beijing, China, August 16-20.
- K.13. Rauner, M.S. (1999) *Managing the AIDS epidemic in Vienna, Austria: prevention strategies for the 21st century*, 25th meeting of the European Working Group on OR Applied to Health Services, Valmiera, Latvia, July 18-23.
- K.12. Rauner, M.S., Schaffhauser-Linzatti, M.-M. (1999) *The new Austrian in-patient reimbursement system (LKF)*, meeting of the German Working Group on Operations Research in Health Care, Berlin, Germany, March 13.
- K.11. Rauner, M.S. (1999) *Strategic management of prevention programs: a comprehensive decision-support-system for the AIDS Epidemic*, conference on 'AIDS and professional life' organized by the Aids Help Vienna and sponsored by the European Commission, Vienna, Austria, January 26.
- K.10. Rauner, M.S. (1998) *The AIDS epidemic in Vienna - a challenge for prevention*, Wien Vital, international congress, planning health for the city - strategies, concepts, and experience, organized by WHO Project "Vienna - Healthy City," Vienna, Austria, October 8-9.
- K.9. Rauner, M.S., Linzatti, M.-M. (1998) *Evaluation of the new Austrian in-patient reimbursement system*, 24th meeting of the European Working Group on OR Applied to Health Services, Rome, Italy, July 19-24.
- K.8. Rauner, M.S., Linzatti, M.-M. (1998) *Impact of international in-patient payment strategies on health technology management: the new Austrian reimbursement system*, INFORMS international meeting, Tel Aviv, Israel, June 28 - July 1.
- K.7. Rauner, M.S., Linzatti, M.-M. (1998) *Interplay between in-patient reimbursement systems and health technology management: the Austrian case*, Third International Conference on Management of Healthcare Technology (MHT), Haifa, Israel, June 24-25.
- K.6. Rauner, M.S. (1998) *Resource allocation for HIV/AIDS control programs: a model-based policy analysis*, INFORMS/CORS spring joint meeting, Montreal, Canada, April 26-29.
- K.5. Roth, M. S., Heidenberger, K. (1997) *Strategic investment in HIV/AIDS control programmes: a system-dynamics-based economic evaluation*, DGOR/GMOEOR, joint annual meeting, Jena, Germany, September 3-5.
- K.4. Roth, M. S., Heidenberger, K. (1997) *Decision support for HIV/AIDS programme selection: a comprehensive multiperiod compartmental policy simulator*, EURO/INFORMS joint international meeting, Barcelona, Spain, July 14-17.
- K.3. Roth, M. S. (1997) *Entscheidungsunterstützung fuer die Auswahl von HIV/AIDS-Programmen: ein umfassendes mehrperiodiges HIV/AIDS-Mehrcompartment-Modell*, meeting of the German Working Group on Operations Research in Health Care, Frankfurt/Main, Germany, March 7.
- K.2. Heidenberger, K., Roth, M. S. (1996) *Taxonomies in the strategic management of health technologies: the case of multiperiod HIV/AIDS compartment models*, IFORS 96, the International Federation of Operational Research Societies 14th Triennial Conference, Vancouver, Canada, July 8-12.
- K.1. Gronalt, M., Guenther, H.-O., Roth, M. S. (1992) *Simulationsuntersuchungen zur Abstimmung von Produktions- und Transportlosgrößen in der Serienfertigung*, DGOR/OEGOR, joint annual meeting, Aachen, Germany, September 9-11.

M. Co-Authors (not updated)

Name	Institution
Roberto Aringhieri	University of Turin, Italy
Cristina Azcarate	University of Pamplona, Spain
Nikolaus Bajmoczy	former Federation of the Austrian Social Insurance Agencies, Vienna, Austria
Johannes Bauerstätter	Vienna, Austria
Doris Behrens	Alps-Adriatic University of Klagenfurt former Technical University of Vienna, Austria
Ebru Bish	The University of Alabama, AL, Tuscaloosa
Sabine Blaschke	University of Vienna, Austria
Jacek Blazewicz	Poznan University of Technology, Poland
Sally Brailsford	University of Southampton, Great Britain
Margaret L. Brandeau	University of Stanford, USA
Jonathan Caulkins	Carnegie Mellon University, Pittsburgh, USA
Herbert Dawid	University of Bielefeld, Germany
Sarang Deo	Indian School of Business, Telangana, India
Martin Dlouhy	University of Economics Prague, Czech Republic
Engelbert Dockner	Vienna University of Economics and Business Administration, Austria
Nadine Eder	Vienna, Austria
Steffen Flessa	University of Greifswald, Germany
Steve Gallivan	University College London, Great Britain
Na Geng	Shanghai Jiao Tong University, China
Joerg Gesslbauer	Applied University Wr. Neustadt, Austria
Birgit Glück	Gaenserndorf, Austria
Karl Michael Goeschka	Applied University Technicum Vienna, Austria
Bo Green	University of Toronto, Canada
Manfred Gronalt	University of Natural Resources and Applied Life Sciences, Vienna
Hans-Otto Guenther	Technical University of Berlin, Germany
Alain Guinet	Institut national des sciences appliquées de Lyon, France
Walter Gutjahr	University of Vienna, Austria
Paul Harper	Cardiff University, Great Britain
Josef Haunschmied	Technical University of Vienna, Austria
Kurt Heidenberger	University of Vienna, Austria
Teresa Herdlicka	Vienna, Austria
Julie Higle	University of Southern California, Los Angeles, USA
Ludwig Kaspar	former Vienna Hospital Compound
Sophie Kaufmann	Vienna, Austria
Manula Kolesnik	Vienna, Austria
Markus Kraus	Institute for Advanced Studies, Vienna, Austria
Richard Hartl	University of Vienna, Austria
Dina Hermescec	Vienna, Austria
Nicklas Holmberg	Lund University, Sweden
Kurt Hornik	Vienna University of Economics and Business Administration, Austria
David Hutton	University of Michigan, Ann Arbor, USA
Mart Janssen	Sanquin Research, Amsterdam, Netherlands
Edward H Kaplan	Yale School of Management, New Haven, USA
Sophie Kaufmann	Vienna, Austria
Erhan Kozan	Queensland University of Technology, Brisbane, Australia
Doris Lauss	Vienna, Austria
Jianbin Li	Huazhong University of Science and Technology, Wuhan, China
Kevin J. Leonard	University of Toronto, Canada & SCORE Statistical Consulting, Toronto, Canada
Ulrike Leopold-Wildburger	University of Graz, Austria
Miklas Luptacik	Vienna University of Economics and Business Administration, Austria
Martina Maaden	Future Analytics, Ireland
Beate Mayer	General Occupational Insurance Association (AUVA)
Fermin Mallor	University of Pamplona, Spain
Nora McCarthy	University College of Cork, Ireland
Itamar Megiddo	University of Strathclyde, UK
Alexander Mehlmann	Vienna University of Economics and Business Administration, Austria
Aleksandra Mokic	Vienna, Austria
Alec Morton	University of Strathclyde, Glasgow, Great Britain
Karen Neville	University College of Cork, Ireland
Helmut Niessner	Samaritan Organization, Vienna, Austria
Alexander Nussbaumer	Technical University of Graz, Austria
Reinhard Oeser	Applied University Technicum Vienna, Austria & Telemedizin, Vienna, Austria
Mónica D Oliveira	Instituto Superior Técnico, Lisbon, Portugal
Cian O'Brian	Health Service Executive, Ireland
Liam O'Neill	University of North Texas, Forth Worth, USA
Sheila O'Riordan	University College of Cork, Ireland
Barbara Panosch	Hinterbrühl, Austria

Name	Institution
Joseph Pasia	University of the Philippines, Diliman, Philippines
Eva-Maria Pesendorfer (Gillesberger)	former University of Vienna, Austria
Natasa Peric	Vienna, Austria
Stefan Pickl	Universität der Bundeswehr Muenchen, Munich, Germany
Andrew Pope	University College of Cork, Ireland
Shankar Prinja	Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh, India
Alexia Prskawetz-Fürnkranz	Technical University of Vienna, Austria
Maria Rochford	Future Analytics, Ireland
Lisa Sasse	University of Vienna, Austria
Michaela-Maria Schaffhauser-Linzatti	University of Vienna, Austria
Simone Schnedlitz	former Merck Sharp & Dohme GmbH (MSD), Vienna, Austria
Alexandra Schosser	BBRZ Med GmbH Standort Wien, Medical University of Vienna, Austria, Siegmund Freud University of Vienna, Austria
Bernhard Schwarz	& Karl Landsteiner Institute of Health Economics, Vienna, Austria
Sigrun Schwarz	University of Applied Sciences Muenster, Germany
Georg Schneider	University of Paderborn, Germany
Birgit Senft	BBRZ Med GmbH Standort Wien
Arjan Shahani	University of Southampton, Great Britain
Natascha Sidlo	Vienna, Austria
Margit Sommersguter-Reichmann	University of Graz, Austria
Sheetal Silal	University of Cape Town, South Africa
Helmut Sorger	University of Vienna, Austria
Odd Steen	Lund University, Sweden
James Sweeny	Future Analytics, Ireland
Kristina Tomic	University of Vienna, Austria
Gernot Tragler	Technical University of Vienna, Austria
Metin Turkey	Koc University, Istanbul, Turkey
Jan Vissers	Erasmus University Rotterdam, The Netherlands
Richard Yap	SCORE Statistical Consulting, Toronto, Canada
Vladimir Veliov	Technical University of Vienna, Austria
Joachim Wagner	former University of Vienna, Austria
Gerhard-Wilhelm Weber	Middle East Technical University, Ankara, Turkey
Claudia Wild	Ludwig Boltzmann Institute for Health Technology Assessment, Vienna, Austria
Franz Wirl	University of Vienna, Austria
Klaus Wittig	General Occupational Insurance Association (AUVA)
Simon Woodworth	University College of Cork, Ireland
Xiaolan Xie	Ecole Nationale Supérieure des Mines de Saint-Etienne, France
Greg Zaric	Ivey Business School, London, Canada
Martin Zsifkovits	University of Vienna, Austria
Gregory Zaric	Western University, Ivey Business School, London, Ontario, Canada
Achim Zeileis	University of Innsbruck, Austria
Wolfgang Zeppelzauer	former University of Vienna, Austria
Weifen Zhuang	Xiamen University, China
Martin Zsifkovits	University of Vienna, Austria

N. Abbreviations

AIDS	Acquired Immunodeficiency Syndrome
AUVA	General Occupational Insurance Association
JCR	Journal Citation Report
CORS	Canadian Operational Research Society
DGOR	Deutsche Gesellschaft fuer Operations Research
EURO	Association for European Operational Research within IFORS
GMOEOR	Gesellschaft fuer Mathematik, Oekonomie und Operations Research
GOR	Gesellschaft fuer Operations Research
HIV	Human Immunodeficiency Virus
IFORS	International Federation of Operational Research Societies
KORMS	Korean Operations Research and Management Science Society
IMA	Institute of Mathematics and its Applications
INFORMS	Institute for Operations Research and the Management Sciences
ISI	Institute for Scientific Information
LKF	Leistungsorientierte Krankenhausfinanzierung
MHT	Management of Healthcare Technology
OEGOR	Oesterreichische Gesellschaft fuer Operations Research
ORAHs	Operations Research Applied to Health Services
SSCI	Social Science Citation Index
USA	United States of America
VHB-JOURQUAL 3	Verband der Hochschullehrer fuer Betriebswirtschaft – Journal-Qualitaetsranking
WHO	World Health Organization