

Ola Svenson

Date of birth: August 8, 1939

Risk Analysis, Social- and Decision Research Unit

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FIELDS OF RESEARCH SPECIALIZATION: Judgment and Decision Processes, Risk Analysis, Traffic Safety, Human Factors, Organizational and Technological Aspects of Nuclear Safety.

EDUCATION

1963 B.A. Psychology, Mathematics, Education.

1964 M.A. Psychology, Education, Mathematics.

1967 Fil. lic. (in Sweden corresponding to the PhD after 1970), Psychology.

1971 Ph.D. Psychology, Stockholm University.

1973 Docent (research qualification).

1976 Declared competent as full professor Engineering Psychology (Luleå Technical University, Sweden).

ACADEMIC APPOINTMENTS

1963-1968 Assistant teacher, Department of Psychology, Stockholm University.

1968-75 Researcher, Department of Psychology, Stockholm University/The Swedish Council for Social Science Research.

- 1975-76 Full Professor of Psychology, University of Göteborg (one academic year appointment).
- 1976-84 Researcher, The Swedish Council for Social Science Research.
- 1985-86 Visiting Researcher, Decision Research.
- 1987-1993 Professor of Psychology, Main chair, Department of Psychology, Lund University, Lund, Sweden.
- 1998 Halden OECD Reactor Project, Norway. Visiting Researcher (January-February).
- 1998-99 Research Fellow Royal Netherlands Academy of Arts and Sciences, NIAS.
- 1993-2009 Professor of Psychology, Department of Psychology, Stockholm University.
- 2009 Professor emeritus of Psychology, Department of Psychology, Stockholm University.

POSITIONS AND MEMBERSHIPS (Selected past and present)

American Psychological Association, foreign member.

European Association for Decision Making, member, President 1997-98.

European Association of Experimental Social Psychology, member.

Human Factors Society, member.

International Organization for Research in Economic Psychology, member.

Society for Risk Analysis, International, fellow, honorary member, board member.

Society for Risk Analysis, Europe, member, Distinguished Achievement Award 1997.

Society for Judgment and Decision Making, member.

Swedish Academy of Science, Radiation Protection, member.

EDITORIAL BOARDS (Selected past and present)

Acta Psychologica, Cognition Technology and Work, International Journal of Forecasting, Journal of Behavioral Decision Making, Risk Analysis.

RESEARCH FUNDING (Selected past and present)

Long term funding

The Swedish Social Science Council. Support every year from 1972-1996.

The Swedish Nuclear Power Inspectorate. Support every year 1985-2007.

Short term funding (5 years or shorter, usually 3 years)

IAEA Vienna "Investigation of Methodologies for incident analysis"

Bank of Sweden Tercentenary Fund

Council for Work Environment Research

Nordic Nuclear Research

Swedish Environmental Protection Agency

Swedish Council for Working Life and Social Research

Swedish Road Administration

The National Board for Spent Nuclear Fuel

The Swedish Radiation Safety Authority

PUBLICATIONS (Selected and in English only)

Books

Beach, L., Humphreys, P., Svenson, O. & Wagenaar, W. (Eds.) (1980) *Exploring human decision making*. Amsterdam: North Holland. Also printed as *Acta Psychologica*, 1980, vol. 45.

Humphreys, P., Svenson, O. & Vári, A. (Eds.) (1983) *Analyzing and aiding decision processes*. Amsterdam: North Holland and Budapest: Academic Press Hungary.

Montgomery, H. & Svenson, O. (Eds.) (1988) *Process and structure in human decision making*. Chichester: Wiley.

Svenson, O. & Maule, J. (Eds.) (1993) *Time pressure and stress in human judgment and decision making*. New York: Plenum.

Ranyard, R., Crozier, W. R. & Svenson, O. (Eds.) (1997) *Decision making: Cognitive models and explanations*. London: Routledge.

Svenson, O., Saalo, I., Oedewald, P., Reiman, T. & Skjerve, A.B. (Eds.) (2005) *Nordic perspectives on safety management in high reliability organizations Theory and applications*. Risö, Denmark: Nordic Nuclear Research and Stockholm: Stockholm University, Department of Psychology. (Open access document available from the Denmark home page).

Journal Articles and Book Chapters

1964–1970

Künnapas, T., Mälhammar, G., & Svenson, O. (1964) Multidimensional ratio scaling and multidimensional similarity of simple geometric figures. *Scandinavian Journal of Psychology*, 5, 249–256.

Svenson, O. (1970) Scaling velocity and space from time estimates. *Scandinavian Journal of Psychology*, 11, 115–123.

Svenson, O. (1970) A functional measurement approach to intuitive estimation as exemplified by estimated time savings. *Journal of Experimental Psychology*, 86, 204–210.

1971–1975

Svenson, O. (1971) Changing the structure of intuitive estimates of timesavings. *Scandinavian Journal of Psychology*, 12, 131–134.

Svenson, O. (1973) Change of mean speed in order to obtain a prescribed increase or decrease in travel time. *Ergonomics*, 16, 772–782.

Pettersson, H., & Svenson, O. (1974) Subjects' simplification of rules for estimating money saved when buying a specified quantity of a cheaper product compared to a more expensive one. *Scandinavian Journal of Psychology*, 15, 127–134.

Svenson, O. (1975) A unifying interpretation of different models for the integration of information when evaluating gambles. *Scandinavian Journal of Psychology*, 16, 187–192.

Svenson, O. (1975) Analysis of time required by children for simple additions. *Acta Psychologica*, 39, 289–302.

Svenson, O., & Broquist, S. (1975) Strategies for solving simple addition problems: A comparison of normal and subnormal children. *Scandinavian Journal of Psychology*, 16, 143–151.

1976–1980

Svenson, O. (1976) Experience of mean speed related to the speed over parts of a trip. *Ergonomics*, 19, 11–20.

Montgomery, H., & Svenson, O. (1976) On decision rules and information processing strategies in multiattribute decision making. *Scandinavian Journal of Psychology*, 17, 283–291.

Svenson, O., Hedenborg, ML., & Lingman, L. (1976) On children's heuristics for solving simple additions. *Scandinavian Journal of Educational Research*, 20, 161–173.

Dahlstedt, S., & Svenson, O. (1977) Detection and reading distances of retroreflective road signs during night driving. *Applied Ergonomics*, 8, 7–14.

Svenson, O. (1977) Intuitive extrapolation of a growth function. *Scandinavian Journal of Psychology*, 18, 339–344.

Svenson, O. & Sjöberg, K. (1978) Subsidizing and counting processes in young children. *Scandinavian Journal of Psychology*, 19, 247–250.

Svenson, O. (1978) Risks of road transportation in a psychological perspective. *Accident Analysis and Prevention*, 10, 267–280.

Svenson, O. (1979) Process descriptions of decision making. *Organizational Behavior and Human Performance*, 23, 86–112.

Svenson, O., & Hedenborg, ML. (1979) Strategies used by children when solving simple subtractions. *Acta Psychologica*, 43, 477–489.

Svenson, O., & Hedenborg, ML. (1980) Counting processes in simple addition. *Scandinavian Journal of Educational Research*, 24, 93–104.

Svenson, O., & Hedenborg, ML. (1980) Strategies for solving simple subtractions as reflected by children's verbal reports. *Scandinavian Journal of Educational Research*, 24, 157–172.

1981–1985

Svenson, O. (1981) Are we all less risky and more skillful than our fellow drivers? *Acta Psychologica*, 47, 143–148.

Svenson, O., & Sjöberg, K. (1982) Solving simple subtractions during the first three school years. *Journal of Experimental Education*, 50, 91–100.

Wenglert, L., & Svenson, O. (1982) Selfimage and predictions about future events. *Scandinavian Journal of Psychology*, 23, 153–155.

- Svenson, O. (1983) Decision rules and information processing. In L. Sjöberg, T. Tyszka, & J. Wise (Eds.) *Decision analysis and decision processes*. Lund: Doxa.
- Svenson, O., & Sjöberg, K. (1983) Speeds of subsidizing and counting processes in different age groups. *Journal of Genetic Psychology*, 142, 203–211.
- Svenson, O., & Sjöberg, K. (1983) Evolution of cognitive processes for solving simple additions during the three first school years. *Scandinavian Journal of Psychology*, 24, 117–124.
- Svenson, O. (1983) Scaling evaluative statements in verbal protocols from decision processes. In Humphreys, P., Svenson, O. & Vári, A. (Eds.) *Analyzing and aiding decision processes*. Amsterdam: North Holland and Budapest: Academic Press Hungary.
- Svenson, O., & Humphreys, P. (1983) Training decision processes: Introduction. In Humphreys, P., Svenson, O. & Vari, A. (Eds.) *Analysing and aiding decision processes*. Amsterdam: North Holland.
- Svenson, O. (1983) Cognitive processes in judging cumulative risk over different periods of time. *Organizational Behavior and Human Performance*, 33, 22–41.
- Montgomery, H. & Svenson, O. (1983) A think aloud study of dominance structuring in decision processes. In R. Tietz (Ed.) *Aspiration levels in bargaining and economic decision making*. Berlin: Springer.
- Svenson, O. (1984) Managing the risks of the automobile: A study of a Swedish car manufacturer. *Management Science*, 30, 486–502.

Svenson, O. (1984) Longterm risks and time in a psychological perspective. *Canadian Journal of Operational Research and Information Processing*, 22, 196–214.

Svenson, O. (1985) Memory retrieval of simple additions as reflected in response latencies. *Acta Psychologica*, 59, 285–304.

Svenson, O. (1985) Cognitive strategies in a complex judgment task: Analysis of concurrent verbal reports and judgments of cumulated risk over different exposure times. *Organizational Behavior and Human Decision Processes*, 36, 1–15.

Svenson, O. & Fischhoff, B. (1985) Levels of environmental decisions. *Journal of Environmental Psychology*, 5, 55–67.

Svenson, O., Edland, A., & Karlsson, G. (1985) The effect of numerical and verbal information and time stress on judgments of the attractiveness of decision alternatives. In L.B. Methlie and R. Sprague (Eds.) *Knowledge representation of decision support systems*. Amsterdam: North Holland.

Svenson, O., Fischhoff, B., & MacGregor, D. (1985) Perceived driving safety and seat belt usage. *Accident Analysis and Prevention*, 17, 119–133.

1986–1990

Svenson, O., & Karlsson, G. (1986) Attractiveness of decision alternatives characterized by numerical and nonnumerical information. *Scandinavian Journal of Psychology*, 27, 74–84.

Svenson, O., & Nilsson, G. (1986) Mental economics: Subjective representations of factors related to expected inflation. *Journal of Economic Psychology*, 7, 327–349.

- Montgomery, H., & Svenson, O. (1986) Analiz dominantorne strukturiranovania problemu prijatia restrenij s isopolszavanien metoda mishlenia vsluch. Cbornik Trudor, 12, 16–29 (translation of Montgomery & Svenson, 1983).
- Fischhoff, B., Svenson, O., & Slovic, P. (1987) Active response to environmental hazards: Perceptions and decision making. *The Handbook of Environmental Psychology* (Eds. D. Stokols, J. Altman, E. Willems). New York: Wiley.
- Svenson, O., & Edland, A. (1987) Change of preferences under time pressure: Choices and judgments. *Scandinavian Journal of Psychology*, 29, 322–330.
- Svenson, O. (1988) Mental models of risk, communication and action: Reflections on social amplification of risk. *Risk Analysis*, 8, 199–200.
- Fischhoff, B., & Svenson, O. (1988) Perceived risks of radionuclides: Understanding public understanding. In M. Carter, J.H. Harley, G.D. Schmidt and G. Silini (Eds.) *Radionuclides in the food chain*, New York: Springer.
- Svenson, O. (1988) Managing product hazards at Volvo car corporation. In R.E. Kasperson, J.X. Kasperson, C. Hohenemser, & R.W. Kates (Eds.) *Corporate management of health and safety hazards*. London: Westview Press.
- Biel, A., Svenson, O., & Dangården, B. (1989) Energy and the public in Sweden. In *Energy and the public*. London: World Energy Conference.
- Montgomery, H., & Svenson, O. (1989) A think aloud study of dominance structuring in decision processes. In Montgomery, H. & Svenson, O. (Eds.) *Process and structure in human decision making*. Chichester: Wiley (reprint of Montgomery & Svenson, 1983).

- Svenson, O. (1989) Eliciting and analyzing verbal protocols in process studies of judgment and decision making. In Montgomery, H. & Svenson, O. (Eds.) *Process and structure in human decision making*. Chichester: Wiley.
- Svenson, O. (1989) Illustrating verbal protocol analysis: Individual decision processes and dialogues proceeding a joint decision. In Montgomery, H. & Svenson, O. (Eds.) *Process and structure in human decision making*. Chichester: Wiley.
- Svenson, O. (1989) On expert judgments in safety analyses in the process industry. *Reliability Engineering and Systems Safety*, 25, 219–256.
- Svenson, O., & Karlsson, G. (1989) Decision making, time horizons and risks in the very long time perspective. *Risk Analysis*, 9, 385–399.
- Montgomery, H., & Svenson, O. (1989) Experimental studies: Introduction. In H. Montgomery & O. Svenson (Eds.) *Process and structure in human decision making*. Chichester: Wiley.
- Svenson, O., & Montgomery, H. (1989) Societal decision making: Introduction. In H. Montgomery & O. Svenson (Eds.) *Process and structure in human decision making*. Chichester: Wiley.
- Svenson, O., & Edland, A. (1989) Change of preferences under time pressure: Choices and judgments. In H. Montgomery & O. Svenson (Eds.) *Process and structure in human decision making*. Chichester: Wiley (reprint of Svenson & Edland, 1985).
- Svenson, O., Edland, A., & Slovic, P. (1990) Choices and judgments of incompletely described decision alternatives under time pressure. *Acta Psychologica*, 75, 153–169.

Svenson, O. (1990) A psychological perspective on accident evolutions and how to arrest them in nuclear power plants. In L.A. Cox Jr & P. Ricci (Eds.) *New risks*. New York: Plenum.

Svenson, O. (1990) Some propositions for the classification of decisions situations. In K. Borcherding, O.I. Larichev & D.M. Messick. (Eds.) *Contemporary issues in decision making*. Amsterdam: Elsevier.

1991–1995

Svenson, O., & Malmsten, N. (1991) Post decision consolidation processes in human decision making. *Journal of Scientific Contributions to General Psychology*, (Italy), 6, 109–120.

Svenson, O. (1991) AEB analysis of incidents and accidents in the processing industries. In G. Apostolakis (Ed.) *Probability safety assessment and management*. New York: Elsevier.

Svenson, O. (1991) The accident evolution and barrier function (AEB) model applied to incident analysis in the processing industries. *Risk Analysis*, 11, 499–507.

Svenson, O. (1991) The time dimension in perception and communication of risk. In R.E. Kasperson & P.J. Stallen (Eds.) *Communicating risk to the public: international perspectives*. Dordrecht: Riedel.

Svenson, O. (1992) Differentiation and consolidation theory of human decision making: A frame of reference for the study of pre- and post-decision processes. *Acta Psychologica*, 80, 143–168.

- Svenson, O., & Benthorn, L.J. (1992) Consolidation processes in decision making: Post decision changes in attractiveness of alternatives. *Journal of Economic Psychology*, 13, 315–327.
- Svenson, O., & Benson III, L. (1993) On experimental instructions and the inducement of time pressure behavior. In O. Svenson & J. Maule (Eds.) *Time pressure and stress in human judgment and decision making*, New York: Plenum (pp. 157–166).
- Maule, J., & Svenson, O. (1993) Theoretical and empirical approaches to behavioral decision making and their relation to time constraints. In O. Svenson & J. Maule (Eds.) *Time pressure and stress in human judgment and decision making*. New York: Plenum (pp. 3–26).
- Svenson, O., & Benson III, L. (1993) Framing and time pressure in decision making. In O. Svenson & J. Maule (Eds.) *Time pressure and stress in human judgment and decision making*. New York: Plenum (pp. 133–144).
- Maule, J., & Svenson, O. (1993) Concluding remarks. In O. Svenson & J. Maule (Eds.) *Time pressure and stress in human judgment and decision making*, New York: Plenum (pp. 323–330).
- Edland, A., & Svenson, O. (1993) Judgment and decision making under time pressure: Studies and findings. In O. Svenson & J. Maule (Eds.) *Time pressure and stress in human judgment and decision making*. New York: Plenum, (pp. 27–40).
- Svenson, O., Ortega Rayo, A., Andersen, M., Sandberg, A., & Svahlin, I. (1994) Post-decision consolidation as a function of the instructions to the decision maker and of the decision problem. *Acta Psychologica*, 87, 181–197.

1996–2000

- Jacobsson Kecklund, L., Edland, A., Wedin, P. & Svenson, O. (1996) Safety barrier function analysis in a process industry: A nuclear power application. *International Journal of Industrial Ergonomics*, 17, 275–284.
- Svenson, O. (1996) Decision making and the search for fundamental psychological regularities: What can be learned from a process perspective? *Organizational Behavior and Human Decision Processes*, 65, 252–267.
- Svenson, O., & Malmsten, N. (1996) Post-decision consolidation over time as a function of gain or loss of an alternative. *Scandinavian Journal of Psychology*, 37, 302–311.
- Svenson, O. (1997) Differentiation and consolidation. In R. Flin, E. Salas, M. Strub & L. Martin. *Decision making under stress: Emerging themes and applications*. Aldershot, UK: Ashgate Publishing Ltd. (pp. 301 –314).
- Verplanken, B., & Svenson, O. (1997) Personal involvement in human decision making: On conceptualization and effects on decision processes. In Ranyard, R., Crozier, W.R., & Svenson, O. (Eds), *Decision making: Cognitive models and explanations*. London: Routledge (pp. 41–57).
- Jacobsson Kecklund, L., & Svenson, O. (1997) Human errors and work performance in a nuclear power plant control room: Associations with work-related factors and behavioral coping. *Reliability Engineering and Systems Safety*, 56, 5–15.
- Svenson, O., & Hill, T. (1997) Turning prior disadvantages into advantages: Differentiation and consolidation in a real-life decision making. In Ranyard, R., Crozier, W.R., & Svenson, O. (Eds), *Decision making: Cognitive models and explanations*. London: Routledge (pp. 218–232).

- Svenson, O., & Shamoun, S. (1997) Predecision conflict and different patterns of postdecision attractiveness restructuring: Empirical illustrations from an important real-life decision. *Scandinavian Journal of Psychology*, 38, 243–251.
- Svenson, O. (1998) A decision theoretic approach to an accident sequence: when feedwater and auxiliary feedwater fail in a nuclear power plant. *Reliability Engineering and Systems Safety*, 59, 243–252.
- Svenson, O. (1998) The perspective from behavioural decision theory on modeling travel choice. Prepared for T. Gärling, T. Laitila & K. Westin (Eds.). *Theoretical foundations of travel choice modeling*. Pergamon, Oxford (pp. 141–172).
- Svenson, O. (1998) A process perspective on human judgment and decision making. *Cognitive Studies*, 5, 6–16.
- Svenson, O. (1998) Multi-criteria decision aids and human decision making: Two worlds? *Journal of Multi-Criteria Decision Analysis*, 7, 352–354.
- Svenson, O., Lekberg, A., & Hammarberg, A.E.L. (1999) On perspective, expertise and differences in accident analyses: Arguments for a multidisciplinary integrated approach. *Ergonomics*, 42, 1561–1571.
- Svenson, O. (1999) On models of incidents and accidents. In Hoc, J.M., Millot, P., Hollnagel, E. & Cacciabue, P.C. (1999). *Lez Valenciennes*, 28, 169–172.
- Svenson, O. (1999) Differentiation and Consolidation Theory: Decision making processes before and after a choice. In Juslin, P. & Montgomery, H. (Eds). (1999). *Judgment and decision making: Neo-Brunswikian and process-tracing approaches*. Mahwah, New Jersey: LEA.

Hammarberg, A., & Svenson, O. (2000) Individual postdecision processes in group settings. *Scandinavian Journal of Psychology*, 41, 145–158.

Lundberg, C.G., & Svenson, O. (2000) Postdecision consolidation in a trend prediction task. *Scandinavian Journal of Psychology*, 41, 169–174.

2001–2005

Svenson, O. (2001) Accident and incident analysis based on the Accident Evolution and Barrier Function (AEB) model. *Cognition, Technology and Work*, 3, 42–52.

Hedenborg, M., & Svenson, O. (2001) Errors in subtractions: Judged and observed frequencies. *Scandinavian Journal of Psychology*, 42, 87–96.

Salo, I., & Svenson, O. (2001) Constructive psychological processes before and after a real-life decision. In C.M. Allwood & M. Selart (Eds.) *Decision making: Social and creative dimensions*. Amsterdam: Kluwer. (pp.137–151).

Enkvist, J., Edland, A., & Svenson, O. (2001) Operator performance in a blind test piece trial. *Materials Evaluation*, 59, (pp. 531–536).

Svenson, O., & Salo, I. (2001) Latency and mode of error detection in a process industry. *Reliability Engineering and System Safety*, 73, 83–90.

Enkvist, J., Edland, A., & Svenson, O. (2001) Effects of operator time pressure and noise on manual ultrasonic testing. *Insight*, 43, 725–730.

Shamoun, S., & Svenson, O. (2002) Value conflict and post-decision consolidation. *Scandinavian Journal of Psychology*, 43, 325–333.

Svenson, O. (2003) Values, affect and processes in human decision making: A differentiation and consolidation theory perspective. In S.L. Schneider & J. Shanteau (Eds.) *Emerging perspectives on judgment and decision research*. Cambridge: Cambridge University Press, (pp. 287–326).

Salo, I., & Svenson, O. (2003) Mental causal models of incidents communicated in licensee event reports in a process industry. *Cognition technology and work*, 5, 211–217.

Feldman-Stewart, D., Brundage, M.D., Van Manen, L., & Svenson, O. (2004) Patient-focused decision making in early-stage prostate cancer: Insight from a cognitively based decision aid. *Health Expectations*, 7, 126–141.

Svenson, O. (2005) Pre-and postdecision construction of preferences: Differentiation and consolidation. In S. Lichtenstein & P. Slovic (Eds.) *The construction of preference*. New York: Cambridge University Press, pp. 356–371.

Svenson, O., & Patten, C J D. (2005) Mobile phones and driving: A review of contemporary research. *Cognition, Technology & Work*, 7, 182–197.

2006–2010

Patten, C.J.D., Kircher, A., Östlund, J., Nilsson, L., & Svenson, O. (2006) Driver experience and cognitive workload in different traffic environments. *Accident Analysis and Prevention*, 38, 887–894.

Svenson, O., & Salo, I. (2007) Mental representation of important real-life decisions. *European Journal of Operational Research*, 177, 1353–1362.

Svenson, O., Salo, I., & van de Loo, K. (2007) Memories of real-life decisions. *Memory*, 15, 205–220.

Svenson, O. (2008) Decisions among time saving options: When intuition is strong and wrong. *Acta Psychologica*, 127, 501–509.

Yourstone, J., Lindholm, T., Grann, M., & Svenson, O. (2008) Evidence of gender bias in legal insanity evaluations: A case vignette study of clinicians, judges and students. *Nordic Journal of Psychiatry*, 62, 273–278.

Svenson, O. (2009) Driving speed changes and subjective estimates of time savings, accident risks and braking. *Applied Cognitive Psychology*, 23, 543–560.

Svenson, O. Salo, I & Lindholm, T. (2009) Post decision consolidation and distortion of facts. *Judgment and Decision Making*, 4, 397–407.

Svenson, O., & Salo, I. (2010) Effects of speed limit variation on judged mean speed of a trip. *Accident Analysis and Prevention*, 42, 704–708.
doi:10.1016/j.aap.2009.10.019

Svenson, O., & Jakobsson, M. (2010) Creating coherence in real-life decision processes: Reasons, differentiation and consolidation. *Scandinavian Journal of Psychology*, 51, 93–102. doi: 10.1111/j.1467-9450.2009.00739.x

2011–present

Bäck, E., Esaiasson, P., Gilljam, M., Svenson, O., & Lindholm, T. (2011) Post-decision consolidation in large group decision-making. *Scandinavian Journal of Psychology*, 52, 320–328. doi: 10.1111/j.1467-9450.2011.00878.x

Ranyard, R., & Svenson, O. (2011) Verbal data and decision process analysis. In M. Schulte-Mecklenbeck, A. Kuehlberger, & R. Ranyard (Eds.) *A Handbook of process tracing methods for decision research*, 115–137. New York, NY: Psychology Press.

Svenson, O. (2011) Biased decisions concerning productivity. *Journal of Economic Psychology*, 32, 440–445. doi:10.1016/j.joep.2011.03.005

Svenson, O. (2011) The time saving bias and related human judgmental shortcomings. In W. Brun, G. Keren, G. Kirkeböen, & H. Montgomery (Eds.) *Perspectives on thinking, judging and decision making*. Oslo: Universitetsforlaget. (pp. 120–132.)

Svenson, O., Eriksson, G., Salo, I., & Peters, E. (2011) Judgments of mean speed and predictions of route choice. *Transportation Research Part F: Traffic Psychology and Behaviour*, 14, 504–511.

Svenson, O., Eriksson, G., & Gonzalez, N. (2012) Braking from different speeds: Judgments of collision speed if a car does not stop in time. *Accident Analysis and Prevention*, 45, 487–492.

Svenson, O. (2013). Motivation, decision theory, and human decision making. In S. Kreitler (Ed.), *Cognition and motivation: Forging an interdisciplinary perspective* (pp. 307–320). New York, NY: Cambridge University Press.

Svenson, O., Eriksson, G. & Mertz, C.K. (2013) Debiasing overoptimistic beliefs about braking capacity. *Accident Analysis & Prevention*, 58, 75–80.

Svenson, O., Eriksson, G., Slovic, P., Mertz, C. K., & Fuglestad, T. (2012) Effects of main actor, outcome and affect on biased braking speed judgments. *Judgment and Decision Making*, 7, 235–243

Eriksson, G., & Svenson, O. (2012) Driving faster or slower? Biased judgments of fuel consumption at changing speeds. In N. Stanton. (Ed.), *Advances in Human Aspects of Road and Railtransportation* (pp. 293–297), London: CRC Press.

Eriksson, G., Svenson, O. & Eriksson, L. (2013) The time-saving bias: Judgments, cognition and perception. *Judgment and Decision Making*, 8, 492-497.

- Gonzalez, N., & Svenson, O. (2014) Growth and decline of assets: On biased judgments of asset accumulation and investment decisions. *Polish Psychological Bulletin*, 45, 29–35. doi: 10.2478/ppb-2014-0005
- Svenson, O., Gonzalez, N., & Eriksson, G. (2014) Modeling and debiasing resource saving judgments. *Judgment and Decision Making*, 9, 465–478.
- Svenson, O., & Tyszka, T. (2014) Psychological processes in decision making: Probabilities, risk and chance. *Polish Psychological Bulletin*, 45, 1–2. doi: 10.2478/ppb-2014-0001
- Eriksson, G., Patten, C. J. D., Svenson, O., & Eriksson, L. (2015) Estimated time of arrival and debiasing the time saving bias. *Ergonomics*, 58, 1939–1946. doi: 10.1080/00140139.2015.1051592
- Bjälkebring, P., Västfjäll, D., Svenson, O., & Slovic, P. (2016) Regulation of experienced and anticipated regret in daily decision making. *Emotion*, 16, 381–386. doi: 10.1037/a0039861
- Svenson, O. (2016). Towards a framework for human judgements of quantitative information: The numerical judgement process, NJP model. *Journal of Cognitive Psychology*, 28, 884–898. doi: 10.1080/20445911.2016.1188822
- Svenson, O., & Eriksson, G. (2017). Mental models of driving and speed: Biases, choices and reality. *Transport Reviews*, 37, 653–666. doi: 10.1080/01441647.2017.1289278
- Svenson, O., Treurniet, D. (2017). Speed reductions and judgments of travel time loss: Biases and debiasing. *Transportation Research Part F*, 51, 145–153.

- Svenson, O., Gonzalez, N., & Eriksson, G. (2018). Different heuristics and same bias: A spectral analysis of biased judgments and individual decision rules. *Judgment and Decision Making*, *13*, 401–412.
- Svenson, O., Gonzalez, N., Memon, A., & Lindholm, T. (2018). Information about expert decision and post-decision distortion of facts of own decision. *Scandinavian Journal of Psychology: Cognition and Neurosciences*, *59*, 127–134. doi: 10.1111/sjop.12418.
- Ranyard, R., & Svenson, O. (2019). Verbal reports and decision process analysis. In M. Schultze-Mecklenbeck, A. Küberger, & J. G. Johnson (Eds.), *A handbook of process tracing methods* (2nd ed.). London, UK: Routledge.
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