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**PUBLICATIONS<sup>1</sup>****Books**

- (2010) Peter P. Wakker, *Prospect Theory for Risk and Ambiguity*. Cambridge University Press.  
(1989) Peter P. Wakker, *Additive representations of preferences: A new foundation of decision analysis*. Kluwer Academic Publishers.

**Articles and Book Chapters**

- (2009) Han Bleichrodt, Kirsten I.M. Rohde, Peter P. Wakker, *Non-hyperbolic time inconsistency*, Games and Economic Behavior 66, 27-38.  
(2009) Theo Offerman, Joep Sonnemans, Gijs van de Kuilen, Peter P. Wakker, *A truth-serum for non-Bayesians: correcting proper scoring rules for risk attitudes*, Review of Economic Studies 76, 1461-1489.  
(2009) Céilia M.D. Sales, Peter P. Wakker, *The metric-frequency measure of similarity for ill-structured data sets, with an application to family therapy*, British Journal of Mathematical and Statistical Psychology 62, 663-682.  
(2009) Erik Boogaards, Peter P. Wakker, *Doe de Polis-Check (en Bespaar Geld)*, Plus Magazine 20 no 11, 28-29.  
(2008) Han Bleichrodt, Kirsten I.M. Rohde, Peter P. Wakker, *Combining additive representations on subsets into an overall representation*, Journal of Mathematical Psychology 52, 304-310.  
(2008) Han Bleichrodt, Kirsten I.M. Rohde, Peter P. Wakker, *Koopmans' constant discounting for intertemporal choice: A simplification and a generalization*, Journal of Mathematical Psychology 52, 341-347.  
(2008) André de Palma, Moshe Ben-Akiva, David Brownstone, Charles Holt, Thierry Magnac, Daniel McFadden, Peter Moffatt, Nathalie Picard, Kenneth Train, Peter P. Wakker, Joan Walker, *Risk, uncertainty and discrete choice models*, Marketing Letters 19, 269-285.  
(2008) Stefan T. Trautmann, Ferdinand M. Vieider, Peter P. Wakker, *Causes of ambiguity aversion: Known versus unknown preferences*, Journal of Risk and Uncertainty 36, 225-243.  
(2008) Peter P. Wakker, *Lessons learned by (from?) an economist working in medical decision making*, Medical Decision Making 28, 690-698.  
(2008) Peter P. Wakker, *Explaining the characteristics of the power (CRRA) utility family*, Health Economics 17, 1329-1344.  
(2008) Peter P. Wakker, *Uncertainty*, In: Lawrence Blume & Steven N. Durlauf (Eds.), The New Palgrave: A Dictionary of Economics 8, 428-439. The MacMillan Press, London.  
(2008) Peter P. Wakker, *Verliesangst is Drijfveer voor Afsluiten Verzekeren*, Postbank NL 10 no. 1, 27-29.  
(2007) Mohammed Abdellaoui, Carolina Barrios, Peter P. Wakker, *Reconciling introspective utility with revealed preference: Experimental arguments based on prospect theory*, Journal of Econometrics 138, 356-378.  
(2007) Enrico Diecidue, Peter P. Wakker, Marcel Zeelenberg, *Eliciting decision weights by adapting de Finetti's betting-odds method to prospect theory*, Journal of Risk and Uncertainty 34, 179-199.  
(2007) Veronika Köbberling, Christiane Schwielen, Peter P. Wakker, *Prospect-theory's diminishing sensitivity versus economics' intrinsic utility of money: How the introduction of the Euro can be used to disentangle the two empirically*, Theory and Decision 63, 205-231.  
(2007) Peter P. Wakker, Danielle R.M. Timmermans, Irma A. Machielse, *The effects of statistical information on risk and ambiguity attitudes, and on rational insurance decisions*, Management Science 53, 1770-1784.  
(2006) Gijs van de Kuilen, Peter P. Wakker, *Learning in the Allais paradox*, Journal of Risk and Uncertainty 33, 155-164.  
(2005) Mohammed Abdellaoui, Peter P. Wakker, *The likelihood method for decision under uncertainty*, Theory and Decision 58, 3-76.  
(2005) Veronika Köbberling, Peter P. Wakker, *An index of loss aversion*, Journal of Economic Theory 122, 119-131.  
(2005) Peter P. Wakker, *Decision-foundations for properties of nonadditive measures; General state spaces or general outcome spaces*, Games and Economic Behavior 50, 107-125.

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<sup>1</sup> Not to be considered as full list. Last update: January 14, 2010.

- (2004) Enrico Diecidue, Ulrich Schmidt, Peter P. Wakker, *The utility of gambling reconsidered*, Journal of Risk and Uncertainty 29, 241-259.
- (2004) Veronika Köbberling, Peter P. Wakker, *A simple tool for qualitatively testing, quantitatively measuring, and normatively justifying Savage's subjective expected utility*, Journal of Risk and Uncertainty 28, 135-145.
- (2004) Sylvie M.C. van Osch, Peter P. Wakker, Wilbert B. van den Hout, Anne M. Stiggelbout, *Correcting biases in standard gamble and time tradeoff utilities*, Medical Decision Making 24, 511-517.
- (2004) Peter P. Wakker, *On the composition of risk preference and belief*, Psychological Review 111, 236-241.
- (2004) Peter P. Wakker, *Preference axiomatizations for decision under uncertainty*. In: Itzhak Gilboa (Ed.), *Uncertainty in Economic Theory: Essays in Honor of David Schmeidler's 65th Birthday*, Routledge, London, 20-35.
- (2004) Peter P. Wakker, Sylvia J.T. Jansen, Anne M. Stiggelbout, *Anchor levels as a new tool for the theory and measurement of multiattribute utility*, Decision Analysis 1, 217-234.
- (2003) Peter P. Wakker, *The data of Levy and Levy (2002), "Prospect Theory: Much Ado about Nothing?" actually support prospect theory*, Management Science 49, 979-981.
- (2003) Veronika Köbberling, Peter P. Wakker, *Preference foundations for nonexpected utility: A generalized and simplified technique*, Mathematics of Operations Research 28, 395-423.
- (2002) Enrico Diecidue, Peter P. Wakker, *Dutch books: Avoiding strategic and dynamic complications, and a comonotonic extension*, Mathematical Social Sciences 43, 135-149.
- (2002) Itzhak Gilboa, David Schmeidler, Peter P. Wakker, *Utility in case-based decision theory*, Journal of Economic Theory 105, 483-502.
- (2002) Peter P. Wakker, Horst Zank, *A simple preference-foundation of cumulative prospect theory with power utility*, European Economic Review 46, 1253-1271.
- (2002) Peter P. Wakker, *Decision-principles to justify Carnap's updating method and to suggest corrections of probability judgments*. In: Adnam Darwiche & Nir Friedman (Eds.), *Uncertainty in Artificial Intelligence, Proceedings of the Eighteenth Conference*, Morgan Kaufmann, San Francisco, CA, 544-551.
- (2001) Han Bleichrodt, Jose Luis Pinto, Peter P. Wakker, *Making descriptive use of prospect theory to improve the prescriptive use of expected utility*, Management Science 47, 1498-1514.
- (2001) Peter P. Wakker, *Testing and characterizing properties of nonadditive measures through violations of the sure-thing principle*, Econometrica 69, 1039-1059.
- (2001) Enrico Diecidue, Peter P. Wakker, *On the intuition of rank-dependent utility*, Journal of Risk and Uncertainty 23, 281-298.
- (2001) Anja De Waegenaere, Peter P. Wakker, *Nonmonotonic Choquet integrals*, Journal of Mathematical Economics 36, 45-60.
- (2001) Piet N. Post, Anne M. Stiggelbout, Peter P. Wakker, *The utility of health states following stroke; A systematic review of the literature*, Stroke 32, 1425-1429.
- (2000) Sylvia J.T.Jansen, Anne M. Stiggelbout, Peter P. Wakker, Marianne A. Nooij, E.M. Noordijk, Job Kievit, *Unstable preferences: A shift in valuation or an effect of the elicitation procedure?*, Medical Decision Making 20, 62-71 (INFORMS Decision-Analysis Society Publication Award of 2002).
- (2000) Peter P. Wakker, *Dempster belief functions are based on the principle of complete ignorance*, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems 8, 271-284.
- (2000) Rakesh H. Sarin, Peter P. Wakker, *Cumulative dominance and probabilistic sophistication*, Mathematical Social Sciences 40, 191-196.
- (2000) Peter P. Wakker, *Uncertainty aversion: A discussion of critical issues in health economics*, Health Economics 9, 261-263.
- (2000) Peter P. Wakker, *Luce's paradigm for decision under uncertainty*. Book review. of: R. Duncan Luce (2000), "Utility of gains and losses: Measurement-theoretical and experimental approaches". Journal of Mathematical Psychology 44, 488-493.
- (2000) Peter P. Wakker, *Book Review of: Salvador Barberà, Peter J. Hammond, & Christian Seidl (1998) "Handbook of Utility Theory, Vol. 1, Principles,"* Journal of Economic Literature 38, 638-639.
- (1999) Peter P. Wakker, Horst Zank, *State dependent expected utility for Savage's state space*, Mathematics of Operations Research 24, 8-34.
- (1999) Peter P. Wakker, Horst Zank, *A unified derivation of classical subjective expected utility models through cardinal utility*, Journal of Mathematical Economics 32, 1-19.
- (1999) Alain Chateauneuf, Peter P. Wakker, *An axiomatization of cumulative prospect theory for decision under risk*, Journal of Risk and Uncertainty 18, 137-145.

- (1998) Sylvia J.T. Jansen, Anne M. Stiggelbout, Peter P. Wakker, Thea P.M. Vliet Vlieland, Jan-Willem H. Leer, Marianne A. Nooy, Job Kievit, *Patient utilities for cancer treatments: A study of the chained procedure for the standard gamble and time tradeoff*, *Medical Decision Making* 18, 391-399.
- (1998) Rakesh K. Sarin, Peter P. Wakker, *Revealed likelihood and Knightian uncertainty*, *Journal of Risk and Uncertainty* 16, 223-250.
- (1998) Rakesh K. Sarin, Peter P. Wakker, *Dynamic choice and nonexpected utility*, *Journal of Risk and Uncertainty* 17, 87-119.
- (1998) John M. Miyamoto, Peter P. Wakker, Han Bleichrodt, Hans J.M. Peters, *The zero-condition: A simplifying assumption in QALY measurement and multiattribute utility*, *Management Science* 44, 839-849.
- (1998) Peter P. Wakker, *Non-EU and insurance*. Book review of: Christian Gollier & Mark J. Machina (Eds., 1995), "Non-Expected Utility and Risk Management," *Journal of Behavioral Decision Making* 11, 151-160.
- (1997) Daniel Kahneman, Peter P. Wakker, Rakesh K. Sarin, *Back to Bentham? Explorations of experienced utility*, *Quarterly Journal of Economics* 112, 375-405.
- (1997) Rakesh K. Sarin, Peter P. Wakker, *A single-stage approach to Anscombe and Aumann's expected utility*, *Review of Economic Studies* 64, 399-409.
- (1997) Hein Fennema, Peter P. Wakker, *Original and cumulative prospect theory: A discussion of empirical differences*, *Journal of Behavioral Decision Making* 10, 53-64.
- (1997) Han Bleichrodt, Peter P. Wakker, Magnus Johannesson, *Characterizing QALYs by risk neutrality*, *Journal of Risk and Uncertainty* 15, 107-114.
- (1997) Peep F.M. Stalmeier, Peter P. Wakker, Thom G.G. Bezembinder, *Preference reversals: Violations of unidimensional procedure invariance*, *Journal of Experimental Psychology, Human Perception and Performance* 23, 1196-1205.
- (1997) Peter P. Wakker, Richard H. Thaler, Amos Tversky, *Probabilistic insurance*, *Journal of Risk and Uncertainty* 15, 7-28.
- (1996) Peter P. Wakker, Daniel Deneffe, *Eliciting von Neumann-Morgenstern utilities when probabilities are distorted or unknown*, *Management Science* 42, 1131-1150.
- (1996) Soo Hong Chew, Peter P. Wakker, *The comonotonic sure-thing principle*, *Journal of Risk and Uncertainty* 12, 5-27.
- (1996) John Miyamoto, Peter P. Wakker, *Multiattribute utility theory without expected utility foundations*, *Operations Research* 44, 313-326.
- (1996) Hans J.M. Peters, Peter P. Wakker, *Cycle-preserving extension of demand functions to new commodities*, *Journal of Mathematical Economics* 25, 281-290.
- (1996) Hein Fennema, Peter P. Wakker, *A test of rank-dependent utility in the context of ambiguity*, *Journal of Risk and Uncertainty* 13, 19-35.
- (1996) Peter P. Wakker, *A criticism of healthy-years equivalents*, *Medical Decision Making* 16, 207-214.
- (1996) Daniel Deneffe, Peter P. Wakker, *Mergers, strategic investments and antitrust policy*, *Managerial and Decision Economics* 17, 231-240.
- (1996) Peter P. Wakker, *The sure-thing principle and the comonotonic sure-thing principle: An axiomatic analysis*, *Journal of Mathematical Economics* 25, 213-227.
- (1996) Peter P. Wakker, *Time preference*. Book Review of: George F. Loewenstein & John Elster (1992), "Choice over Time"; *Journal of Behavioral Decision Making* 9, 297-303.
- (1996) Peter P. Wakker, *Creativity and modelling*. Book Review of: Patrick Rivett (1994), "The Craft of Decision Modelling"; *Journal of Behavioral Decision Making* 9, 150-151.
- (1995) Peter C. Fishburn, Peter P. Wakker, *The invention of the independence condition for preferences*, *Management Science* 41, 1130-1144.
- (1995) Arne Maas, Thom G.G. Bezembinder, Peter P. Wakker, *On solving intransitivities in repeated pairwise choices*, *Mathematical Social Sciences* 29, 83-101.
- (1995) Peter P. Wakker, Anne M. Stiggelbout, *Explaining distortions in utility elicitation through the rank-dependent model for risky choices*, *Medical Decision Making* 15, 180-186.
- (1995) Peter P. Wakker, Marc P. Klaassen, *Confidence intervals for cost/effectiveness ratios*, *Health Economics* 4, 373-381.
- (1995) Amos Tversky, Peter P. Wakker, *Risk attitudes and decision weights*, *Econometrica* 63, 1255-1280.

- (1995) Danielle R.M. Timmermans, Peter Poltser, Peter P. Wakker, *Aggregation, rationality, and risk communication: Three current debates in medical decision making*. In: Jean-Paul Caverni, Maya Bar-Hillel, F. Hutton Barron, & Helmut Jungermann (Eds.), *Contributions to Decision Making -I*, Elseviers Science, Amsterdam, 111-117.
- (1995) Peter P. Wakker, *Preference reversals: Een Keuze-Anomalie* (in Dutch), *Economische Statistische Berichten* 80/4000, 231.
- (1994) Peter P. Wakker, *Separating marginal utility and probabilistic risk aversion*, *Theory and Decision* 36, 1-44.
- (1994) Peter P. Wakker, Ido Erev, Elke U. Weber, *Comonotonic independence: The critical test between classical and rank-dependent utility theories*, *Journal of Risk and Uncertainty* 9, 195-230.
- (1994) Rakesh K. Sarin, Peter P. Wakker, *Folding back in decision tree analysis*, *Management Science* 40, 625-628.
- (1994) Rakesh K. Sarin, Peter P. Wakker, *A general result for quantifying beliefs*, *Econometrica* 62, 683-685.
- (1994) Hans J.M. Peters, Peter P. Wakker, *WARP does not imply SARP for more than two commodities*, *Journal of Economic Theory* 62, 152-160.
- (1994) Arne Maas, Peter P. Wakker, *Additive conjoint measurement for multiattribute utility*, *Journal of Mathematical Psychology* 38, 86-101.
- (1994) John Quiggin, Peter P. Wakker, *The axiomatic basis of anticipated utility: A clarification*, *Journal of Economic Theory* 64, 486-499.
- (1994) Rakesh K. Sarin, Peter P. Wakker, *Gains and losses in nonadditive expected utility*, In: Mark J. Machina & Bertrand R. Munier (Eds.), *Models and Experiments on Risk and Rationality*, Kluwer Academic Publishers, Dordrecht, 157-172.
- (1994) Hein Fennema, Peter P. Wakker, *An explanation and characterization for the buying of lotteries*. In: Sixto Rios (Ed.), *Decision Theory and Decision Analysis: Trends and Challenges*, Kluwer Academic Publishers, Dordrecht, 163-175.
- (1994) Peter P. Wakker, *Expected versus nonexpected utility: The state of the art*. Book Review of: Ward Edwards (ed., 1992), "Utility measurements and Applications"; *Journal of Mathematical Psychology* 38, 521-524.
- (1994) Peter P. Wakker, *Quiggin's rank-dependent model*. Book Review of: John Quiggin (1993), "Generalized Expected Utility Theory: The Rank-Dependent Model"; *Journal of Mathematical Psychology* 38, 525-526.
- (1993) Peter P. Wakker, *Additive representations on rank-ordered sets II. The topological approach*, *Journal of Mathematical Economics* 22, 1-26.
- (1993) Peter P. Wakker, *Counterexamples to Segal's measure representation theorem*, *Journal of Risk and Uncertainty* 6, 91-98.
- (1993) Soo Hong Chew, Larry G. Epstein, Peter P. Wakker, *A unifying approach to axiomatic non-expected utility theories: Correction and comment*, *Journal of Economic Theory* 59, 183-188.
- (1993) Peter P. Wakker, *Clarification of some mathematical misunderstandings about Savage's foundations of statistics, 1954*, *Mathematical Social Sciences* 25, 199-202.
- (1993) Peter P. Wakker, *Unbounded utility for Savage's "Foundations of Statistics," and other models*, *Mathematics of Operations Research* 18, 446-485.
- (1993) Peter P. Wakker, *Savage's axioms usually imply violation of strict stochastic dominance*, *Review of Economic Studies* 60, 487-493.
- (1993) Peter P. Wakker, Amos Tversky, *An axiomatization of cumulative prospect theory*, *Journal of Risk and Uncertainty* 7, 147-176.
- (1993) Alain Chateauneuf, Peter P. Wakker, *From local to global additive representation*, *Journal of Mathematical Economics* 22, 523-545.
- (1993) Jean-Yves Jaffray, Peter P. Wakker, *Decision making with belief functions: Compatibility and incompatibility with the sure-thing principle*, *Journal of Risk and Uncertainty* 7, 255-271.
- (1992) Rakesh K. Sarin, Peter P. Wakker, *A simple axiomatization of nonadditive expected utility*, *Econometrica* 60, 1255-1272.
- (1992) Peter P. Wakker, *Characterizing stochastically monotone functions by multi-attribute utility theory*, *Economic Theory* 2, 565-566.
- (1991) Peter P. Wakker, *Additive representation for equally spaced structures*, *Journal of Mathematical Psychology* 35, 260-266.
- (1991) Peter P. Wakker, *Continuity of transformations*, *Journal of Mathematical Analysis and Applications* 162, 1-6.
- (1991) Peter P. Wakker, *Additive representations on rank-ordered sets. I. The algebraic approach*, *Journal of Mathematical Psychology* 35, 501-531.

- (1991) Hans J.M. Peters, Peter P. Wakker, *Independence of irrelevant alternatives and revealed group preferences*, *Econometrica* 59, 1787-1801.
- (1991) Peter P. Wakker, *Additive representations of preferences: A new foundation of decision analysis. The algebraic approach*. In: Jean-Paul Doignon & Jean-Claude Falmagne (Eds.), *Mathematical Psychology: Current Developments*, Springer, Berlin, 71-87.
- (1990) Peter P. Wakker, *A behavioral foundation for fuzzy measures*, *Fuzzy Sets and Systems* 37, 327-350.
- (1990) Peter P. Wakker, *Characterizing optimism and pessimism directly through comonotonicity*, *Journal of Economic Theory* 52, 453-463.
- (1990) Peter P. Wakker, *Under stochastic dominance Choquet-expected utility and anticipated utility are identical*, *Theory and Decision* 29, 119-132.
- (1990) Thom G.G. Bezembinder, Peter P. Wakker, *Review of Chapter 2.10 of Richard C. Atkinson, R.J. Herrnstein, Gardner E. Lindzey, & R. Duncan Luce (1988, Eds.), "Stevens Handbook of Experimental Psychology"*, *Acta Psychologica* 75, 193-194.
- (1990) Hans J.M. Peters, Peter P. Wakker, *Independence of irrelevant alternatives and revealed group preferences (Extended abstract)*. In Tatsuro Ichiishi, Abraham Neyman, & Yair Tauman Eds.), *Game Theory and Applications*, 404-406, Academic Press, New York. Abstracts
- (1989) Peter P. Wakker, *Continuous subjective expected utility with nonadditive probabilities*, *Journal of Mathematical Economics* 18, 1-27.
- (1989) Peter P. Wakker, *A graph-theoretic approach to revealed preference*, *Methodology and Science* 22, 53-66.
- (1989) Peter P. Wakker, *Subjective expected utility with non-increasing risk aversion*, *Annals of Operations Research* 19, 219-228.
- (1989) Peter P. Wakker, *Transforming probabilities without violating stochastic dominance*. In: Edward E.Ch.I. Roskam (Ed.), *Mathematical Psychology in Progress*, Springer, Berlin, 29-47.
- (1988) Peter P. Wakker, *Nonexpected utility as aversion of information*, *Journal of Behavioral Decision Making* 1, 169-175.
- (1988) Peter P. Wakker, *Continuity of preference relations for separable topologies*, *International Economic Review* 29, 105-110.
- (1988) Peter P. Wakker, *The algebraic versus the topological approach to additive representations*, *Journal of Mathematical Psychology* 32, 421-435.
- (1988) Peter P. Wakker, *Derived strength of preference relations on coordinates*, *Economics Letters* 28, 301-306.
- (1988) Peter P. Wakker, *Characterizations of quasilinear representing functions, and specified forms of these*. In: Wolfgang Eichhorn (Ed.), *Measurement in Economics (Theory and Applications of Economic Indices)*, 311-326, Physica-Verlag, Heidelberg.
- (1987) Hans J.M. Peters, Peter P. Wakker, *Convex functions on non-convex domains*, *Economics Letters* 22, 251-255.
- (1987) Peter P. Wakker, *Subjective probabilities for state-dependent continuous utility*, *Mathematical Social Sciences* 14, 289-298.
- (1987) David Schmeidler, Peter P. Wakker, *Expected utility and mathematical expectation*. In: John Eatwell, Murray Milgate, & Peter Newman (Eds.), *The New Palgrave: A Dictionary of Economics*, 229-232. The MacMillan Press, London.
- (1987) Peter P. Wakker, *From decision making under uncertainty to game theory*. In: Hans J.M. Peters & Koos J. Vrieze (Eds.), *Surveys of Game Theory and Related Topics*, 163-180, CWI Tract 39, Centre for Mathematics and Computer Science, Amsterdam.
- (1986) Peter P. Wakker, Hans J.M. Peters, Tom B.P.L. van Riel, *Comparisons of risk aversion, with an application to bargaining*, *Methods of Operations Research* 54, 307-320.
- (1986) Peter P. Wakker, *The repetitions approach to characterize cardinal utility*, *Theory and Decision* 20, 33-40.
- (1986) Peter P. Wakker, *Concave additively decomposable representing functions and risk aversion*. In: Luciano Daboni, Aldo Montesano, & Marji Lines (Eds.), *Recent Developments in the Foundations of Utility and Risk Theory*, 249-262. Reidel, Dordrecht.
- (1986) Peter P. Wakker, *Review of Dennis V. Lindley (1985), "Making Decisions."* *Kwantitatieve Methoden* 20, 144-145.
- (1985) Peter P. Wakker, *Continuous expected utility for arbitrary state spaces*, *Methods of Operations Research* 50, 113-129.
- (1985) Peter P. Wakker, *Extending monotone and non-expansive mappings by optimization*, *Cahiers du C.E.R.O.* 27, 141-149.

- (1984) Peter P. Wakker, *Cardinal coordinate independence for expected utility*, Journal of Mathematical Psychology 28, 110-117.
- (1983) Rene de Koster, Hans J.M. Peters, Stef H. Tijs, Peter P. Wakker, *Risk sensitivity, independence of irrelevant alternatives and continuity of bargaining solutions*, Mathematical Social Sciences 4, 295-300.
- (1981) Peter P. Wakker, *Agreeing probability measures for comparative probability structures*, Annals of Statistics 9, 658-662.