

Curriculum Vitae
KATYA TENTORI
(December 2024)

CURRENT AFFILIATIONS

Center for Mind/Brain Sciences (CIMEC)
Centre for Medical Sciences (CISMed)
Department of Psychology and Cognitive Science (DiPSCo)
University of Trento
Palazzo Fedrigotti, Corso Bettini, n. 31, 38068, Rovereto, Italy
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PROFESSIONAL POSITIONS

December 2020 – present
Full Professor, General Psychology (PSIC-01/A), University of Trento

October 2016 – September 2019
Deputy Dean, CIMEC, University of Trento

March 2011 – November 2020
Associate Professor, General Psychology (11/E1, M-PSI/01), University of Trento

2005 – 2011
Assistant Professor (“Ricercatore”), General Psychology (11/E1, M-PSI/01), University of Trento

2002 – 2004
Post-Doctoral Research Fellow (“Assegnista di Ricerca”), University of Trento

EDUCATION

12 February 2002
Clinical Psychologist License (D.M. 13/01/92, n. 240), University of Padova

07 February 2002
Ph.D. in Methodology of Research in Psychology, DiSA, University of Genova
Title of dissertation: “Decision Making in Dynamic Environments: An Experimental Study”

21 February 1998
Master’s degree (“Laurea Magistrale”) in Experimental Psychology, University of Padova
Title of dissertation: “Age-Related Effects on Asymmetric Dominance Bias”
Grade: 110/110 cum laude

RESEARCH INTERESTS

Bayesian models of confirmation and information search; inductive reasoning; decision biases; probabilistic models of cognition; causality and causal cognition; forecasting models; applied reasoning and decision making (e.g., legal reasoning, medical decision making, risk communication, and environmental sustainability)

AWARDS AND HONOURS

September 2002
Award for the best Ph.D. dissertation in Psychology, Italian Association of Psychology (AIP) and Rosselli Foundation

February 1998
“Dignità di stampa” for the master’s degree dissertation in Experimental Psychology, University of Padova

PROFESSIONAL MEMBERSHIPS

Scientific Boards

2015 – present: Center for Logic, Language, and Cognition (LLC), University of Torino

Scientific Societies

European Association for Decision Making (EADM); Society for Judgment and Decision Making (SJDM);
Italian Association of Psychology (AIP)

VISITING POSITIONS

July 2019

Visiting fellow – Department of Computer Science, University of Exeter (invited by prof. Costa)

July 2015

Visiting professor – Bristol-Groningen Summer School in Formal Epistemology, University of Bristol (invited by prof. Pettigrew)

July 2010

Visiting fellow – Institute of Philosophy, KU Leuven (Belgium) (invited by prof. Douven)

July–August 2003

Visiting student – Psychology Department, Princeton University (USA) (invited by prof. Osherson)

November–December 2000

Visiting student – Psychology Department, Rice University (USA) (invited by prof. Osherson)

GRANTS AND RESEARCH SUPPORT

Extramural Funding

2023 – 2025

MIUR grant for the project PRIN 2022: “Reasoning with hypotheses: Integrating logical, probabilistic, and experimental perspectives”, role: Local Coordinator and Principal Investigator.

2023 – 2025

MIUR grant for the project PRIN-PNRR: “Boosting human wellbeing with behavioural insights”, role: Co-investigator.

2017 – 2019

EURAC third-party grant (“conto terzi”) for the project “KlimaKit – Drive the change of the energy refurbishment in South Tyrol”, role: Local Coordinator and Principal Investigator

2017 – 2018

Recipient of the “Fondo di finanziamento per le attività base di ricerca” (FFABR 2017 – Associate Professors)

2015 – 2018

DFG grant for the project “Models of Information Search – A Theoretical and Empirical Synthesis”, priority program “New frameworks of rationality” (DFG grant SPP1516, CR n 409/1-2), role: Principal Investigator

2012 – 2014

MIUR grant for the project “Problem solving and decision making: Logical, psychological and neuroscientific aspects within criminal justice” (PRIN, n. 2010RP5RNM_006), role: Principal Investigator

2010 – 2012

MIUR grant for the project “Inductive reasoning: Models, behavior, and applications” (PRIN, n. 20083NAH2L and 20083NAH2L_001), role: National Coordinator and Principal Investigator

2009 – 2010

Recipient of a Marie Curie Intra-European Fellowship (IEF) for the project INDUCT - Investigating Normative and Descriptive Uses of Confirmation Theory (n. 221350 - European Commission)

2006 – 2008

FTU (Fondazione Trentino Università) grant for the project “In the patient's interest”, role: Principal Investigator

2005 – 2007

MIUR grant for the project “Revisione di credenze e scelte in soggetti esperti e non esperti” (PRIN, n. 2005117840_003), role: Co-investigator

2002 – 2005

EU grant for the project “TRUST – Food Risk Communication and Consumers’ Trust in the Food Supply Chain” (project n. QLK1-CT 2002-02343), role: Co-investigator

2002 – 2004

MIUR grant for the project “Linguaggio, categorizzazione e rappresentazione delle decisioni” (PRIN, n. 2002132527_002), role: Co-investigator

Intramural Funding

2021 – 2023

“COVID-19” grant of the University of Trento for the project “Fostering the understanding of diagnostic test results through Cognitive-Artificial Intelligence” (Cognitive-Artificial Intelligence for TESt Results, CAI-3), role: Coordinator and Principal Investigator

2006 – 2008

“SMC Fondazione Cassa di Risparmio di Trento” grant for the project “Inductive Reasoning: Models, Processes and Applications” (n. 40101098), role: Coordinator and Principal Investigator

2002

Travel fellowship awarded by the University of Genova to attend the course “Multivariate Analysis: Research Problems and Practice” – Summer School in Social Science and Data Analysis, University of Essex (UK)

2000

Travel fellowship awarded by the University of Genova to visit the Psychology Dep. of Rice University (USA)

ORGANIZATION OF WORKSHOPS AND CONFERENCES

Program committee member

MST2013 (Models and Decisions, Munich, 2013); *EPSA2015* (The Fifth Biennial Conference of the European Association for Philosophy of Science, Duesseldorf, 2015); *CPR2015* (Causal and Probabilistic Reasoning Conference, Munich, 2015); *RASCAS2017* (Reasoning and Argumentation in Science, Munich, 2017); *BEPC2020* (Bayesian Epistemology: Perspectives and Challenges, Munich, 2020).

Executive committee member

Risk, Decision and Human Error Conference (Rovereto, 2004); *AIP2006* (Italian Association of Psychology National Congress, Rovereto, 2006), *Sixth International Conference on Thinking* (Venezia, 2008); *ECML-PKDD2016* (European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Riva del Garda, 2016)

REVIEWING

Ad-hoc reviewer for the following scientific journals

Acta Psychologica; *American Journal of Psychology*; *Applied Cognitive Psychology*; *British Journal for the Philosophy of Science*; *British Journal of Psychology*; *Cognition*; *Cognitive Psychology*; *European Review of Philosophy*; *Giornale Italiano di Psicologia*; *Journal of Behavioral Decision Making*; *Journal of Experimental Psychology: General*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Journal of Mathematical Psychology*; *Journal of Personality and Social Psychology*; *Memory & Cognition*; *Mind & Society*; *Philosophia*; *Philosophy of Science*; *Psychological Science*; *Synthese*; *Thinking and Reasoning*; *Topics in Cognitive Science*

Ad-hoc reviewer for the following scientific conferences

AIP2006 (Italian Association of Psychology National Congress); *CogSci2005* (Annual Conference of the Cognitive Science Society); *MST2013* (Models and Decisions); *EPSA2015* (Biennial Conference of the European Association for Philosophy of Science); *CPR2015* (Causal and Probabilistic Reasoning Conference); *CogSci2016* (Annual Conference of the Cognitive Science Society); *RASCAS2017* (Reasoning and Argumentation in Science); *CogSci2018* (Annual Conference of the Cognitive Science Society); *MI21-HLC-2019* (Machine Intelligence Workshop - Human-Like Computing); *AISC 2022* (Annual Conference of the Italian Association for Cognitive Sciences); *CogSci2024* (Annual

Conference of the Cognitive Science Society)

Ad-hoc reviewer for the following funding agencies and institutions

European Research Council (ERC - Advanced grants, European Community); Israel Science Foundation (ISC, Israel); Italian Ministry of Education, Universities and Research (MIUR, Italy); National Science Foundation (NSF, USA); Research Foundation Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO, Belgium); Qatar National Research Fund (QNRF, Qatar)

Ad-hoc reviewer for the following awards

Mazzocco award (University of Padova)

TEACHING

University courses

2024 – present

“Cognitive Processes and Errors in Medicine” (for medical students, 16 hours per AY, University of Trento)

2011 – present

“Logic and Reasoning” (42 hours per AY, University of Trento)

2016 – present

“Psychology of Thinking” (63 hours per AY, University of Trento)

2021 – 2023

“General Psychology” (for medical students, 16 hours per AY, University of Trento)

2019 – 2021

“Advanced Topics in Reasoning and Decision Making” (15 hours per AY, University of Trento)

2011 – 2018

“Psychology of Reasoning in Legal and Clinical Domains” (42/28 hours per AY, University of Trento)

2013

“Foundations of Cognitive Psychology” (21 hours, in English, University of Trento)

2010

“Psychology of Reasoning” (24 hours, University of Trento)

2005 – 2009

“General Psychology” (64 hours per AY, University of Trento)

2006 – 2008

“Pragmatics and Decision Making” (20 hours per AY, University of Milano-Bicocca)

2005

“Intelligence: Nature vs. Nurture” (10 hours, University of Trento)

2002

“Psychology for Careers Counseling” (30 hours, University of Genova)

Tutorials

2018

“Critical Thinking” (8 hours, in English, Sant’Anna School of Advanced Studies)

2002

“Experimental Economics and Cognitive Psychology” (6 hours, University Carlo Cattaneo)

2000

“Statistical Models for Educational Processes” (18 hours, University of Genova)

OTHER ACADEMIC SERVICES

Research advisory and mentoring

Postdoctoral researchers

Alessandro Bogani (CIMEC, University of Trento); Andrea Dissegna (CIMEC, University of Trento); Flavia Filimon (CIMEC, University of Trento); Sarah Placi (CIMEC, University of Trento); Stefania Pighin (CIMEC, University of Trento)

PhD students (PhD degree)

Paolo Ghin (Cognitive and Brain Sciences, University of Trento); Stefano Fait (Cognitive and Brain Sciences, University of Trento); Marta Mangiaruolo (Cognitive and Brain Sciences, University of Trento); Selena Russo (Psychological Sciences and Education, University of Trento); Tommaso Mastropasqua (Cognitive and Brain Sciences, University of Trento)

Graduate students (Master degree)

Paolo Ghin (Psychology, University of Trento); Lucia Foppa (Psychology, University of Trento); Lorenzo Scott Bertolini (Cognitive Science, University of Trento); Stefano Fait (Psychology, University of Trento); Lorenzo Palamenghi (Psychology, University of Trento); Stefano Boldrin (Psychology, University of Trento); Silvia Stefani (Psychology, University of Trento); Giulia Rodighiero (Psychology, University of Trento)

Undergraduate students (Bachelor degree)

Luca Franchi (Sciences and Techniques of Cognitive Psychology, University of Trento), Silvia Bellini (Sciences and Techniques of Cognitive Psychology, University of Trento), Lara Tomazzolli (Sciences and Techniques of Cognitive Psychology, University of Trento); Laura Bormolini (Interfaces and Communications Technologies, University of Trento, University of Trento); Matteo Pellegrini (Psychology, University of Trento); Mattia Silvestri (Sciences and Techniques of Cognitive Psychology, University of Trento); Elena Bertacco (Sciences and Techniques of Cognitive Psychology, University of Trento); Veronica Zonta (Interfaces and Communications Technologies, University of Trento); Guglielmo Mereu (Interfaces and Communications Technologies, University of Trento); Elisa Infanti (Sciences and Techniques of Cognitive Psychology, University of Trento); Giulia Torboli (Sciences and Techniques of Cognitive Psychology, University of Trento); Giusy Racalbutto (Sciences and Techniques of Cognitive Psychology, University of Trento); Mario Molinari (Sciences and Techniques of Cognitive Psychology, University of Trento)

Doctoral Services

Member of the steering committee of the following PhD programs

2006 – present

“Cognitive and Brain Sciences”, CIMEC, University of Trento

2005 – 2006

“Cognitive Sciences and Education”, DiSCoF, University of Trento

Member of the doctoral dissertation reading committee for the following PhD candidates

Marko Tesic (Psychology, Birkbeck University); Andrea Pittarello (Psychology, University of Padova); Dorina Hysenbelli (Psychology, University of Padova); Patrice Rusconi (Social, Cognitive and Clinical Psychology, University of Milano-Bicocca)

Undergraduate and graduate recruitment

2012 – 2022

Designated coordinator for CIMeC student orientation activities (University of Trento)

2011 – 2012

Designated coordinator for DIPSCO student orientation activities (University of Trento)

Miscellaneous

2021 – present

Designated coordinator for the CISMeD library (University of Trento)

OTHER PROFESSIONAL ACTIVITIES

2017

Scientific curation of the exhibition “Unpredictable” (Golinelli Foundation, Bologna)

2001 – 2006

Selection procedure for admission to the following bachelor’s degrees: Motor Sciences (University of Genova), Developmental Psychology (University of Genova), Architecture & Design (IUAV)

2003

Communication skills training course for healthcare professionals, S. Camillo Hospital, Cremona

September 1998 – March 1999

Internship in Experimental Psychology, University of Padova (Supervisor: Prof. Carlo Umiltà)

March 1998 – September 1998

Internship in Neuropsychology, La Nostra Famiglia Institute, Bosisio Parini (Supervisor: Dr. Maria Luisa Lorusso)

INVITED PRESENTATIONS

Invited keynote lectures at international scientific conferences and workshops

31 August, 2024

“Promoting a culture of uncertainty to reduce biases in medical reasoning”

Probabilistic Reasoning in the Sciences Conference, Center for Philosophy, Science, and Policy (CPSP), Ancona, Italy

05 December, 2019

“The ubiquity and accuracy of evidential reasoning”

Philosophy of Science and Formal Methods in Philosophy Conference, University of Gdansk, Poland

18 May, 2017

“Judging forecasting accuracy: How human intuitions can help improving formal models”

The Fifth Reasoning Club Conference, University of Turin, Italy

06 May, 2014

“Evidence assessment: Theoretical issues, experimental results, and directions for future research”

Fourth LSE Graduate Conference in Philosophy of Probability, London School of Economics, UK

09 June, 2013

“What kind of inductive reasoning? How evidence assessment shapes inference”

Formal Epistemology Workshop (FEW) 2013, Rutgers University, USA

30 August, 2012

“The other side of inference: How evidence assessment shapes inductive reasoning”

Frontiers of Rationality and Decision Conference, University of Groningen, Netherlands

15 May, 2010

“Psychology of reasoning meets formal epistemology: Three experimental studies in the framework of Bayesian confirmation theory”

Philosophy of Science in a Forest Conference, Utrecht, Netherlands

Invited talks at international scientific conferences and workshops

13 October, 2023

“How should we measure forecast accuracy? Combining Formal Models and Human Intuition for new Cutting-Edge Scoring Rules”

How Should We Reason? Philosophical and Psychological Perspectives, LMU, Munich, Germany

12 March, 2022

“Forecasting accuracy: From formal models to human intuitions, and back (with a new scoring rule)”

Bayesianism and its rivals, Northeastern University, USA

02 July, 2019

“What can the conjunction fallacy tell us about human reasoning?”

The Machine Intelligence 21 Workshop - Human-Like Computing, Cumberland Lodge, Imperial College London, UK

13 September, 2018

“Evaluating the descriptive accuracy of forecasting models”

Bayes By the Sea Conference, Marche Polytechnic University, Ancona, Italy

30 September, 2017

“Which forecasting model is descriptively most accurate?”

Reasons, Rationality, and Intentional Agency Workshop, LSE, London, UK

02 October, 2014

“Evidence assessment: Recent experimental results and directions for future research”

Workshop in honor of Michel Gonzales, IUAV, Venezia, Italy

04 April, 2008

“The conjunction fallacy in perspective: Evidence and theory”

Workshop on Probability, Confirmation, and Fallacies, KU Leuven, Belgium

Invited seminars at research institutions

28 April, 2017

“Inductive reasoning: Formal models and experimental results”

University of Lausanne, Switzerland

05 March, 2014

“Judging the probability of hypotheses versus the impact of evidence: Which form of inductive inference is more reliable?”

Choice Group Seminars, LSE, London, UK

26 February, 2013

“Evidence assessment”

Munich Center for Mathematical Philosophy, LMU, Munich, Germany

10/11/2012

“Evidence assessment: Bayesian measures and empirical results”

Department of Experimental Psychology, Oxford University, UK

19 May, 2010

“Determinants of confirmation”

London Judgement and Decision Making seminars, UCL, UK

29 January, 2010

“Bayesian confirmation theory: Experimental results and implications”

Philosophy Department, University of Leuven, Belgium

12 January, 2010

“Mind the gap: Physicians’ assessment of patients’ decision weights in localized prostate cancer treatment”

UIBEN meetings, UCL, UK

14 December, 2006

“Scienze cognitive e tutela del consumatore: Il caso dell’effetto attrazione”

Department of Law, University of Torino, Italy

23 April, 2002

“Dynamic decision making”

LSC, University of Trento, Italy

26 April, 2001

“L’effetto di dominanza asimmetrica”

Psychology Department, University of Milano-Bicocca, Italy

24 April, 2001

“Gli effetti di contesto”

Psychology Department, University of Milano-Bicocca, Italy

19 March, 2001

“Modelli decisionali”

General Psychology Department, University of Padova, Italy

24 May, 2000

“L’effetto attrazione”

Psychology Department, University of Milano-Bicocca, Italy

Invited seminars for the general public

11 November, 2023

“Liberi di scegliere?”

PordenonePensa Scienza 2023, Pordenone, Italy

14 July, 2022

“Comprendere il risultato di un test diagnostico e l'efficacia di un vaccino”

CIMeC Città, University of Trento, Italy

18 March, 2021

“La (mancata) comprensione dei risultati dei test diagnostici e dell'efficacia dei vaccini”

Settimana del Cervello, IMT School for Advanced Studies Lucca, Italy

05 June, 2013

“E.R. Medici e ricercatori in prima linea. Ricerca negli ospedali”

Science Café, EURAC, Italy

06 November, 2008

“Illusioni decisionali: Viaggio fra le trappole cognitive in cui possono cadere le nostre scelte quotidiane”

Aperitivi neuroscientifici, University of Trento, Italy

18 May, 2006

“Bias decisionali”

Attrattivamente, University of Trento, Italy

PUBLICATIONS

Articles in peer-reviewed journals (English)

1. Davis-Stober, C.P., Sarafoglou, A., Aczel, B., Chandramouli, S., Errington, T.M., Field, S.M., Fishbach, A., Freire, J., Ioannidis, J.P.A., Oberauer, K., Pestilli, F., Ressler, S., Schad, D.J., ter Schure, J., **Tentori, K.**, van Ravenzwaaij, D., Vandekerckhove, J., Gundersen, O.E. (2025). How can we make sound replication decisions? *PNAS*, in press.
2. Pedersen, A.P., Kellen, D., Mayo-Wilson, C., Davis-Stober, C.P., Dunn, J.C., Khan, M.A., Stinchcombe, M.B., Kalish, M.L., **Tentori, K.**, & Haaf, J.M. (2025). Discourse on Measurement. *PNAS*, in press.
3. Passerini, A., Gema, A., Sayin Günel, B., Minervini, P., & **Tentori, K.** (2025). Fostering Effective Hybrid Human-LLM Reasoning and Decision Making. *Frontiers in Artificial Intelligence*, in press.
4. Bogani, A., **Tentori, K.**, Timberlake, B., & Pighin, S. (2024). Counterfactual curiosity in real decisions: The roles of outcome valence and aging. *Psychonomic Bulletin & Review*, in press.
5. Bogani, A., **Tentori, K.**, Ferrante, D. & Pighin, S. (2024). Counterfactual thoughts in complex causal domain: Content, benefits, and implications for their function. *Thinking and Reasoning*, 30, 612–647.
6. Pighin, S., Filimon, F., & **Tentori, K.** (2024). The impact of problem domain on Bayesian inferences: A systematic investigation. *Memory & Cognition*, in press.
7. Fait, S., Pighin, S., Passerini, A., Pavani, F., & **Tentori, K.** (2023). Sensory and multisensory reasoning: Is Bayesian updating modality-dependent? *Cognition*, 234, 105355.
8. **Tentori, K.**, Pighin, S.; Giovanazzi, G., Grignolio, A., Timberlake, B., & Ferro, A. (2022). Nudging Covid-19 vaccine uptake by changing the default: A randomized controlled trial. *Medical Decision Making*, 42, 837–841.
9. Nelson, J., Rosenauer, C., Crupi, V., & **Tentori, K.** & Meder, B. (2022). On the likelihood difference heuristic and the objective utility of possible medical tests. *Decision*, 9, 285–319.
10. Pighin, S., Byrne, R.M.J., & **Tentori, K.** (2022). “If only” counterfactual thoughts about cooperative and uncooperative decisions in social dilemmas. *Thinking and Reasoning*, 28, 193–225.
11. **Tentori, K.**, Passerini, A., Timberlake, B., & Pighin, S. (2021). The misunderstanding of vaccine efficacy. *Social Science & Medicine*, 289, 114273.
12. Pighin, S. & **Tentori, K.** (2021). The public’s understanding of swab test results for SARS-CoV-2: An online behavioral experiment during the April 2020 lockdown. *BMJ open*, 11, e043925.
13. Mangiarulo, M., Pighin, S., Polonio, L., & **Tentori, K.** (2021). The effect of evidential impact on perceptual probabilistic judgments. *Cognitive Science*, 45, e12919.
14. Stephan, S., **Tentori, K.**, Pighin, S., & Waldmann, M.R. (2021). Interpolating causal mechanisms: The paradox of knowing more. *Journal of Experimental Psychology: General*, 150, 1500–1527.
15. Pighin, S. & **Tentori, K.** (2021). The challenge of mental simulation in preference-sensitive treatment decisions. *Translational Behavioral Medicine*, 11, 276–278.
16. Crupi, V., Elia, F., Aprà, F., & **Tentori, K.** (2018). Double Conjunction Fallacies in Physicians’ Probability Judgment. *Medical Decision Making*, 38, 756–760.
17. **Tentori, K.**, Pighin, S., & Divan, C., & Crupi, V. (2018). Mind the gap: Physicians’ assessment of patients’ importance weights in localized prostate cancer. *PLoS ONE*, 13(7): e0200780.
18. Crupi, V., Nelson, J.D., Meder, B., Cevolani, G., & **Tentori, K.** (2018). Generalized Information Theory Meets Human Cognition: Introducing a Unified Framework to Model Uncertainty and Information Search. *Cognitive Science*, 42, 1410–1456.
19. Pighin, S., **Tentori, K.**, Savadori, L., & Giroto, V. (2018). Fostering the understanding of positive test results. *Annals of Behavioral Medicine*, 52, 909–919.
20. Brase, G.L., Pighin, S., & **Tentori, K.** (2018). (Yet) Another chance for good reasoning? A commentary and reply on Pighin, Tentori, and Giroto, Another chance for good reasoning. *Psychonomic Bulletin & Review*, 25, 1220–1223.

21. Pighin, S., Girotto, V., & **Tentori, K.** (2017). Children's quantitative Bayesian inferences from natural frequencies and number of chances. *Cognition*, 168, 164-175.
22. Pighin, S., **Tentori, K.**, & Girotto, V. (2017). Another chance for good reasoning. *Psychonomic Bulletin & Review*, 24, 1995-2002.
23. Crupi, V. & **Tentori, K.** (2016). Noisy probability judgment, the conjunction fallacy, and rationality: A commentary on Costello and Watts (2014). *Psychological Review*, 123, 97-102.
24. **Tentori, K.**, Chater, N., & Crupi, V. (2016). Judging the probability of hypotheses versus the impact of evidence: Which form of inductive inference is more accurate and time-consistent? *Cognitive Science*, 40, 758-778.
25. Paperno, D., Marelli, M., **Tentori, K.***, & Baroni, M.* (2014). Corpus-based estimates of word association predict biases in judgment of word co-occurrence likelihood. *Cognitive Psychology*, 74, 66-83. (*= share senior authorship).
26. Crupi, V. & **Tentori, K.** (2014). Confirmation as partial entailment: A representation theorem in inductive logic (Erratum). *Journal of Applied Logic*, 12, 230-231.
27. Crupi, V. & **Tentori, K.** (2014). State of the field: Measuring information and confirmation. *Studies in History and Philosophy of Science*, 47, 81-90.
28. Crupi, V. & **Tentori, K.** (2013). Confirmation as partial entailment: A representation theorem in inductive logic. *Journal of Applied Logic*, 11, 364-372.
29. **Tentori, K.** & Crupi, V. (2013). Why quantum probability does not explain the conjunction fallacy. *Behavioral and Brain Sciences*, 36, 308-310.
30. **Tentori, K.**, Crupi, V., & Russo, S. (2013). On the determinants of the conjunction fallacy: Confirmation versus probability. *Journal of Experimental Psychology: General*, 142, 235-255.
31. Crupi, V., Chater, N., & **Tentori, K.** (2013). New axioms for probability and likelihood ratio measures. *The British Journal for the Philosophy of Science*, 64, 189-204.
32. Crupi, V. & **Tentori, K.** (2012). A second look at the logic of explanatory power (with two novel representation theorems). *Philosophy of Science*, 79, 365-385.
33. Zhao, J., Crupi, V., **Tentori, K.**, Fitelson, B., & Osherson, D. (2012). Updating: Learning versus supposing. *Cognition*, 124, 373-378.
34. **Tentori, K.** & Crupi, V. (2012). On the conjunction fallacy and the meaning of *and*, yet again: A reply to Hertwig, Benz, and Krauss (2008). *Cognition*, 122, 123-134.
35. **Tentori, K.** & Crupi, V. (2012). How the conjunction fallacy is tied to probabilistic confirmation: Some remarks on Schupbach (2009). *Synthese*, 184, 3-12.
36. Canal, L., Bonini, N., Micciolo, R., & **Tentori, K.** (2012). Consistency in teachers' judgments. *European Journal of Psychology of Education*, 27, 319-327.
37. Mastropasqua, T., Crupi, V., & **Tentori, K.** (2010). Broadening the study of inductive reasoning: Confirmation judgments with uncertain evidence. *Memory & Cognition*, 38, 941-950.
38. Crupi, V. & **Tentori, K.** (2010). Irrelevant conjunction: Statement and solution of a new paradox. *Philosophy of Science*, 77, 1-13.
39. **Tentori, K.**, Crupi, V., & Osherson, D. (2010). Second order probability affects hypothesis confirmation. *Psychonomic Bulletin & Review*, 17, 129-134.
40. Graffeo, M., Savadori, L., **Tentori, K.**, Bonini, N., & Rumiati, R. (2009). Consumer decision in the context of a food hazard: The effect of commitment. *Mind & Society*, 8, 59-76.
41. Crupi, V., **Tentori, K.**, & Lombardi, L. (2009). Pseudodiagnosticity revisited. *Psychological Review*, 116, 971-985.
42. Girotto, V. & **Tentori, K.** (2008). Is domain-general thinking a domain-specific adaptation? *Mind & Society*, 7, 167-175.
43. Crupi, V., Fitelson, B., & **Tentori, K.** (2008). Probability, confirmation, and the conjunction fallacy. *Thinking and Reasoning*, 14, 182-199.

44. **Tentori, K.**, Crupi, V., & Osherson, D. (2007). Determinants of confirmation. *Psychonomic Bulletin & Review*, 14, 877–883.
45. Crupi, V., **Tentori, K.**, & Gonzalez, M. (2007). On Bayesian measures of evidential support: Theoretical and empirical issues. *Philosophy of Science*, 74, 229–252.
46. **Tentori, K.**, Crupi, V., Bonini, N., & Osherson, D. (2007). Comparison of confirmation measures. *Cognition*, 103, 107–119.
47. **Tentori, K.**, Bonini, N., & Osherson, D. (2004). The conjunction fallacy: A misunderstanding about conjunction? *Cognitive Science*, 28, 467–477.
48. Bonini, N., **Tentori, K.**, & Rumiati, R. (2004). Contingent application of the cancellation editing operation: The role of semantic relatedness between risky outcomes. *Journal of Behavioral Decision Making*, 17, 139–152.
49. Bonini, N., **Tentori, K.**, & Osherson, D. (2004). A different conjunction fallacy. *Mind & Language*, 19, 199–210.
50. Graffeo, M., Savadori, L., Lombardi, L., **Tentori, K.**, Bonini, N., & Rumiati, R. (2004). Trust and attitude in consumer food choices under risk. *Agrarwirtschaft - German Journal of Agricultural Economics*, 53, 319–327.
51. **Tentori, K.**, Osherson, D., Hasher, L., & May, C. (2001). Wisdom and aging: Irrational preferences in college students but not older adults. *Cognition*, 81, B87–B96.

Articles in peer-reviewed journals (Italian)

52. Crupi, V., Calderisi, M., Pighin, S., & **Tentori, K.** (2022). Probabilità pandemiche: tre pezzi non troppo facili. *Sistemi intelligenti*, 34, 329–341.
53. Bogani, A., **Tentori, K.**, Ferrante, D., & Pighin, S. (2022). La funzione del pensiero controfattuale: stato dell'arte e prospettive. *Sistemi intelligenti*, 34, 2, 253–269.
54. **Tentori, K.**, Savadori, L., Calzà, M., Bonini, N., & Rumiati, R. (2006). MAIES: Uno strumento di orientamento finalizzato allo sviluppo delle competenze decisionali negli adolescenti. *Giornale Italiano di Psicologia dell'Orientamento* (GIPO), 6/3, 13–20.

Peer-reviewed conference proceedings (full papers)

55. Esfahani, S., De Toni, G., Lepri, B., Passerini, A., **Tentori, K.**, Zancanaro, M. (2024). Preference Elicitation in Interactive and User-centered Algorithmic Recourse: An Initial Exploration. *Proceedings of the 32nd ACM Conference on User Modeling, Adaptation and Personalization (UMAP 2024)*.
56. Bontempelli, A., Teso, S., **Tentori, K.**, Giunchiglia, F., & Passerini, A. (2023). Concept-level Debugging of Part-Prototype Networks. *Proceedings of the 11th International Conference on Learning Representations (ICLR 2023)*.
57. Dragone, P., Pellegrini, G., Vescovi, M., **Tentori, K.**, & Passerini, A., (2018). No more ready-made deals: Constructive recommendation for telco service bundling. *Proceedings of the 12th ACM Conference on Recommender Systems (RECSYS 2018)*. New York (USA): ACM.
58. Nelson J.D., Crupi V., Meder B., Cevolani G., & **Tentori, K.** (2017). A unified model of entropy and the value of information. *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*.
59. Zhao, J., Crupi, V., **Tentori, K.**, Fitelson, B., & Osherson, D. (2012). Updating: Learning versus supposing. *Proceedings of the 34th Annual Conference of the Cognitive Science Society*.
60. **Tentori, K.** & Crupi, V. (2009). Explaining the conjunction fallacy. *Proceedings of the 31st Annual Conference of the Cognitive Science Society*.
61. Graffeo, M., Savadori, L., **Tentori, K.**, Bonini, N., & Rumiati, R. (2005). The effects of commitment on choices in the context of food hazards. Absurdity in the economy: Points of view of economic psychology and relevant sciences or areas. *Proceedings of the 30th IAREP conference - International Association of Research in Economic Psychology*. Praha.

Book chapters (English)

62. **Tentori, K.** (2021). What can the conjunction fallacy tell us about human reasoning? In S. Muggleton & N. Chater (Eds.), *Human-Like Machine Intelligence*. Oxford University Press.
63. Crupi, V. & **Tentori, K.** (2016). Confirmation Theory. In A. Hájek & C. Hitchcock (Eds.), *The Oxford Handbook of Probability and Philosophy*. Oxford: Oxford University Press.
64. Savadori, L., Graffeo, M., Bonini, N., Lombardi, L., **Tentori, K.**, & Rumiati, R. (2007). Rebuilding consumer trust in the context of a food crisis. In M. Siegrist, T.C. Earle, & H. Gutscher (Eds.), *Trust in Cooperative Risk Management: Uncertainty and Scepticism in the Public Mind*. London: Earthscan.
65. Graffeo, M., Savadori, L., Bonini, N., Lombardi, L., **Tentori, K.**, & Rumiati, R. (2006). Food choice in the context of a food hazard: Insights from psychological experiments. In D. Romano (Ed.), *How safe is eating chicken?* Firenze: Florence University Press.

Book chapters (Italian)

66. **Tentori, K.** (2018). Il pensiero. In M. Turatto (Ed.), *Psicologia Generale*. Milano: Mondadori.
67. **Tentori, K.** & Turatto, M. (2018). Il metodo sperimentale. In M. Turatto (Ed.), *Psicologia Generale*. Milano: Mondadori.
68. **Tentori, K.** (2015). Qualche breve riflessione sullo studio del ragionamento. In P. Legrenzi, L. Lotto, & L. Savadori, (Eds.), *Conoscenza, Decisione, Negoziazione: Studi in Onore di Rino Rumiati*. Bologna: Il Mulino.
69. Crupi, V. & **Tentori, K.** (2013). Il ragionamento induttivo. In V. Girotto (Ed.), *Introduzione alla Psicologia del Pensiero*. Bologna: Il Mulino.
70. **Tentori, K.** (2012). Il ragionamento. In R. Job & R. Cubelli (Eds.), *I Processi Cognitivi*. Roma: Carocci.
71. **Tentori, K.** (2008). Processi decisionali dinamici. In N. Bonini, F. Del Missier, & R. Rumiati (Eds.), *Giudizio e Decisione*. Bologna: Il Mulino.
72. **Tentori, K.** (2008). Scienze cognitive e tutela del consumatore: Il caso dell'effetto attrazione. In R. Caterina (Ed.), *I fondamenti Cognitivi del Diritto: Percezioni, Rappresentazioni, Comportamenti*. Milano: Mondadori.
73. **Tentori, K.** (2006). L'intelligenza. In C. Cacciari & C. Papagno (Eds.), *Psicologia Generale e Neuroscienze Cognitive*. Bologna: Il Mulino.
74. **Tentori, K.** (2002). La presa di decisione. In C. Castelli & L. Venini (Eds.), *Psicologia dell'Orientamento Scolastico e Professionale*. Milano: Franco Angeli.
75. Bonini, N., **Tentori, K.**, & Rumiati, R. (2002). Gli effetti dell'appartenenza categoriale sulla valutazione della riduzione di rischio. In L. Savadori, P. Cherubini, & N. Bonini (Eds.), *Decisione e Ragionamento in Ambito Medico*. Trento: Provincia Autonoma di Trento – Tipografia Temi.
76. **Tentori, K.**, Macchi, L., Schadee, H., & Mosconi, G. (2000). Processi cognitivi nella conversione Lire-Euro. In R. Rumiati (Ed.), *L'Euro tra Psicologia ed Economia*. Padova: CLEUP.

Manuscripts under review (English)

77. Pighin, S., Timberlake, B., & **Tentori, K.** (2024). Sunk-cost fallacy across real and hypothetical decision making in younger and older adults. *Current Psychology* (first revision).