

VINCENZO CRUPI

Curriculum Vitae

December 2016

contact: vincenzo.crupi@unito.it

Academic positions

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|-----------|---|
| 2014— | Director of the Center for Logic, Language, and Cognition University of Turin |
| 2014— | Associate professor of Logic and Philosophy of Science Department of Philosophy and Education, University of Turin |
| 2011–2014 | Assistant professor of Logic and Philosophy of Science Department of Philosophy and Education, University of Turin |
| 2011— | External member Munich Center for Mathematical Philosophy, Ludwig Maximilian University |
| 2010–2011 | Postdoc fellow Munich Center for Mathematical Philosophy, Ludwig Maximilian University |
| 2009–2010 | Temporary research associate Department of Critical Care, University of Florence |
| 2007–2009 | Postdoc fellow Department of Arts & Design, University IUAV of Venice |
| 2006–2007 | Postdoc fellow Center for Mind/Brain Sciences (CIMEC), University of Trento |
| 2005–2006 | Postdoc fellow Cognitive Psychology Lab, University of Aix-Marseille |
| 2003–2005 | Postdoc fellow Department of Cognitive Sciences and Education, University of Trento |

Education

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| 2004 | PhD in Philosophy, University of Turin |
| 2002 | MSc in Philosophy and History of Science, London School of Economics |
| 1998 | Laurea (MA) in Philosophy, University of Turin |

Areas of interest

logic and philosophy of science; formal epistemology; judgment and decision making

Funded research projects

- 2013–2016 *Structures and dynamics of knowledge and cognition* (national coordinator and PI)
Italian Ministry of University and Scientific Research
FIRB Grant D11J1200047001
- 2011–2017 *Models of information search: A theoretical and empirical synthesis* (PI)
Deutsche Forschungsgemeinschaft
SPP 1516 (New Frameworks of Rationality), Grant CR 409/1-2
- 2009–2011 *Inductive reasoning: Models, behavior, and applications* (coauthor)
Italian Ministry of University and Scientific Research
PRIN Grant 20083NAH2L_001
- 2009–2012 *Bayesian confirmation and statistical inference* (coauthor)
Spanish Department of Science and Innovation
Grant FFI2008-01169/FISO
- 2006–2009 *Nell'interesse del malato* (coauthor)
Trentino University Foundation
Funding of 1 PhD scholarship
- 2006–2008 *Inductive reasoning: Models, processes, and applications* (PI)
Center for Mind/Brain Sciences (University of Trento)
Grant 40101048

Prizes, honors, and awards

- 2009 Alberto Mazzocco Prize
University of Padua & Italian Psychological Association (AIP)
Best AIP Conference communication in the Psychology of thinking
- 2002 MSc Imre Lakatos Prize
London School of Economics
Best MSc dissertation in Philosophy and History of Science
- 2001 AHRB Award
UK Arts and Humanities Research Board
Funding for attendance of the LSE MSc program
- 2001 Corrado Corradino Prize
University of Turin
- 1998 Best graduation thesis in Philosophy
University of Turin

Editorial and reviewing activity

Section editor for the philosophy of science:

– *Ergo: An open access journal of philosophy*

Member of the international editorial board

– *Topoi: An international review of philosophy*

Reviewer for academic journals (selected)

*British Journal for the Philosophy of Science**; *Philosophy of Science**; *European Journal of Philosophy of Science*; *Synthese**; *Erkenntnis*; *Review of Symbolic Logic*; *Journal of Philosophical Logic**; *Journal of Applied Logic*; *Dialectica*; *Philosophical Studies*; *Journal of Philosophical Research*; *Philosophers' Imprint*; *Philosophy Compass*; *European Journal of Philosophy*; *Theoria* (Spain); *Cognition**; *Psychological Review**; *Frontiers in Psychology**; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Psychonomic Bulletin and Review*; *Journal of Medicine and Philosophy* (* = 5 reports or more)

Reviewer for funding agencies

- Italian Ministry of University and Scientific Research
(PRIN funding 2012 call for proposals; National assessment of the quality of research 2004–2010, 2010-2014)
- European Research Council (ERC Starting Grant 2014 call for proposals)
- Netherlands Organization for Scientific Research (Veni program 2014)
- French CNRS (A*Midex project 2013, Initiative d'excellence Aix-Marseille)

Conferences, workshops, and symposia

Organization

Fifth Reasoning Club Conference

Center for Logic, Language, and Cognition

University of Turin, May 18-19, 2016

organizer (with Gustavo Cevolani, Jason Konek, and Paolo Maffezoli)

Second Workshop of the European Non-Categorical Thinking Project

Center for Logic, Language, and Cognition

University of Turin, September 22, 2016

organizer (with Andrea Iacona)

Categorization, language, and inductive learning: Theoretical and experimental perspectives

Center for Logic Language and Cognition, University of Turin, March 10, 2016

organizer (with Valentina Gliozzi)

Measure sensitivity in the study of reasoning and cognition (symposium)

Conference of the European Philosophy of Science Association

Düsseldorf, September 23, 2015

organizer (with Gustavo Cevolani)

Measure sensitivity and robust model-based argumentation in the study of reasoning and cognition (symposium)

Seventh International Conference on Model-Based Reasoning

Sestri Levante, June 26, 2015

organizer (with Gustavo Cevolani and Roberto Festa)

Information, search, and causes: Rational and cognitive approaches

Center for Logic, Language, and Cognition – University of Turin

Turin, February 6, 2015

organizer

Structures and dynamics of knowledge and cognition

University of Turin, May 15, 2014

organizer (with Gustavo Cevolani)

Operationalization 2013

New Frameworks of Rationality program

Freiburg, October 15-16, 2013

organizer (with Marco Ragni, Henrik Singmann, and Jan Sprenger)

The logic and psychology of confirmation and information search

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, February 26, 2013

organizer

Operationalizing epistemic concepts

New Frameworks of Rationality program

Aachen, September 11-12, 2012

organizer (with Henrik Singmann and Jan Sprenger)

9th Annual Formal Epistemology Workshop (FEW 2012)

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, May 29 – June 1, 2012

member of the local organizing committee

Sixth International Conference on Thinking

Venice, August 21-23, 2008

member of the local organizing committee

The cognitive science of induction and confirmation

Venice, August 20, 2008

organizer (with Nick Chater)

Member of scientific committee

14th Annual Formal Epistemology Workshop (FEW 2017)

University of Washington, May 26-28, 2017

13th Conference of the Italian Association for Cognitive Sciences (AISC)

Mind the gap: Brain, cognition, and society

Turin, November 24-26, 2016

13th Annual Formal Epistemology Workshop (FEW 2016)

University of Groningen, June 20-22, 2016

Conference *Evidence, inference, and risk*

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, March 31 – April 2, 2016

Modelli della spiegazione: Logica, scienza, cognizione

Scuola Superiore di Studi Umanistici, Bologna, October 21, 2016

Causal and probabilistic reasoning

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, June 18-20, 2015

The future of philosophy of science

Tilburg University, April 14-16, 2010

Publications (selected)

Google Scholar total citations: 806

h-index: 15

i10-index: 20

Erdős number: 4

Journal articles (English)

Crupi V. and Tentori K. (2016)

Noisy probability judgment, the conjunction fallacy, and rationality: Comment on Costello and Watts (2014)

Psychological Review, 123, pp. 97-102

Tentori K., Chater N., and Crupi V. (2016)

Judging the probability of hypotheses vs. the impact of evidence: Which form of inductive inference is more accurate and time-consistent?

Cognitive Science, 40, pp. 758-778

Elia F., Aprà F., Verhovez A., and Crupi V. (2016)

First, know thyself: Cognition and error in medicine

Acta Diabetologica, 53, pp. 169-175

Crupi V. and Tentori K. (2014)

Measuring information and confirmation

Studies in the History and Philosophy of Science, 47, pp. 81-90

Crupi V. and Girotto V. (2014)

From *is* to *ought*, and back: How normative concerns foster progress in reasoning research

Frontiers in Psychology, 5, 219, pp. 1-3

Crupi V. and Tentori K. (2013)

Confirmation as partial entailment: A representation theorem in inductive logic

Journal of Applied Logic, 11, pp. 364-372

[Erratum in *Journal of Applied Logic*, 12, pp. 230-231]

Tentori K. and Crupi V. (2013)

Why quantum probability does not explain the conjunction fallacy

Behavioral and Brain Sciences, 36, pp. 308-310

Tentori K., Crupi V., and Russo S. (2013)

On the determinants of the conjunction fallacy: Probability vs. inductive confirmation

Journal of Experimental Psychology: General, 142, pp. 235-255

- Crupi V., Chater N., and Tentori K. (2013)
New axioms for probability and likelihood ratio measures
British Journal for the Philosophy of Science, 64, pp. 189-204
- Dumas F., Gonzalez M., Girotto V., Pascal C., Botton J.-F., and Crupi V. (2012)
The context of available options affects healthcare decisions: A generalization study
Medical Decision Making, 32, pp. 815-819
- Zhao J., Crupi V., Tentori K., Fitelson B., and Osherson D. (2012)
Updating: Learning vs. supposing
Cognition, 124, pp. 373-378
- Crupi V. and Tentori K. (2012)
A second look at the logic of explanatory power (with two novel representation theorems)
Philosophy of Science, 79, pp. 365-385
- Crupi V. (2012)
An argument for not equating confirmation and explanatory power
The Reasoner, 6 (3), pp. 39-40 [Erratum in *The Reasoner*, 6 (4), p. 68]
- Tentori K. and Crupi V. (2012)
On the conjunction fallacy and the meaning of *and*, yet again: A reply to Hertwig, Benz, and Krauss (2008)
Cognition, 122, pp. 123-134
- Tentori K. and Crupi V. (2012)
How the conjunction fallacy is tied to probabilistic confirmation: Some remarks on Schubach (2009)
Synthese, 184, pp. 3-12
- Cevolani G., Crupi V., and Festa R. (2011)
Verisimilitude and belief change for conjunctive theories
Erkenntnis, 75, pp. 183-202
- Mastropasqua T., Crupi V., and Tentori K. (2010)
Broadening the study of inductive reasoning: Confirmation judgments with uncertain evidence
Memory & Cognition, 38, pp. 941-950
- Crupi V. and Tentori K. (2010)
Irrelevant conjunction: Statement and solution of a new paradox
Philosophy of Science, 77, pp. 1-13
- Tentori K., Crupi V., and Osherson D. (2010)
Second-order probability affects hypothesis confirmation
Psychonomic Bulletin and Review, 17, pp. 129-134
- Crupi V., Tentori K., and Lombardi L. (2009)
Pseudodiagnosticity revisited
Psychological Review, 116, pp. 971-985
- Crupi V., Festa R., and Mastropasqua T. (2008)
Bayesian confirmation by uncertain evidence: A reply to Huber (2005)
British Journal for the Philosophy of Science, 59, pp. 201-211

Crupi V., Fitelson B., and Tentori K. (2008)

Probability, confirmation, and the conjunction fallacy

Thinking and Reasoning, 14, pp. 182-199

Crupi V., Tentori K., and Gonzalez M. (2007)

On Bayesian measures of evidential support: Theoretical and empirical issues

Philosophy of Science, 74, pp. 229-252

Tentori K., Crupi V., and Osherson D. (2007)

Determinants of confirmation

Psychonomic Bulletin and Review, 14, pp. 877-883

Tentori K., Crupi V., Bonini N., and Osherson D. (2007)

Comparison of confirmation measures

Cognition, 103, pp. 107-119

Crupi V. (2007)

The sink and the murder scene: Rise and fall of a causal model in AIDS pathogenesis

Logic & Philosophy of Science, 5, pp. 9-32

Abstracts (English)

Dumas F., Gonzalez M., Pascal C., Girotto V., Crupi V., and Botton J.-F. (2012)

Healthcare decisions are context-dependent: Violations of the regularity principle

International Journal of Psychology, 47 (Suppl. 1), p. 129

Cevolani G., Crupi V., and Festa R. (2012)

A verisimilitudinarian analysis of the Linda paradox

In C. Martínez Vidal, J.L. Falguera, J.M. Sagüillo, V.M. Verdejo, and M. Pereira-Fariña (eds.)

Proceedings of the Seventh Conference of the Society for Logic, Methodology

and Philosophy of Science in Spain, Universidade de Santiago de Compostela, pp. 366-372

Cozzi D., Schiavetti A., Ceccanti S., Frediani S., Mele E., Crupi V., and Cozzi F. (2010)

Decision analysis to compare treatment options for stage I intermediate-risk Wilms' tumor

Pediatric Blood & Cancer, 55, p. 792

Tentori K. and Crupi V. (2009)

Explaining the conjunction fallacy: Probability vs. confirmation

In N. Taatgen and H. van Rijn (eds.), *Proceedings of the 31st Annual Conference*

of the Cognitive Science Society, Vrije Universiteit, Amsterdam, p. 254

Book chapters (English)

Crupi V. (in press)

Generalized confirmation and relevance measures

In J.-W. Romeijn, M. Massimi, and G. Schurz (eds.), *Proceedings from EPSA15*

(2015 Conference of the European Philosophy of Science Association), Springer.

Cevolani G. and Crupi V. (2015)

Subtleties of naïve reasoning: Probability, confirmation, and verisimilitude in the Linda paradox

In M. Bianca and P. Piccari (eds.), *Epistemology of Ordinary Knowledge*, Cambridge Scholars, pp. 211-230

Cevolani G., Crupi V., and Festa R. (2010)

The whole truth about Linda: Probability, verisimilitude, and a paradox of conjunction

In M. D'Agostino, G. Giorello, F. Laudisa, T. Pievani, and C. Sinigaglia (eds.)

New Trends in Logic and Philosophy of Science, College, London, pp. 603-615

Crupi V. and Hartmann S. (2010)

Formal and empirical methods in philosophy of science

In F. Stadler (ed.), *The Present Situation in the Philosophy of Science*, Springer, Berlin, pp. 87-98

Crupi V., Festa R., and Buttasi C. (2010)

Towards a grammar of Bayesian confirmation

In M. Suárez, M. Dorato, and M. Rèdei (eds.), *Epistemology and Methodology of Science*, Springer, Berlin, pp. 73-93

Invited survey papers, chapters, and encyclopedia entries (English)

Crupi V. and Tentori K. (2016)

Confirmation theory

In A. Hájek and C. Hitchcock (eds.), *Oxford Handbook of Philosophy and Probability*, OUP, pp. 650-665

Crupi V. (2016)

Inductive logic

Journal of Philosophical Logic, 44 (The Fortieth Anniversary Issue), pp. 641-650

Crupi V. (2013)

Confirmation

In E. Zalta (ed.), *Stanford Encyclopedia of Philosophy*

(<http://plato.stanford.edu/entries/confirmation/>)

Edited journal issues

Papers from the 9th Annual Formal Epistemology Workshop (FEW 2012)

Erkenntnis, 79 (2014), supplement 6

(coedited with Ole Hjortland, Branden Fitelson, and Florian Steinberger)

Rationality in Medicine

Logic & Philosophy of Science, 7 (2009)

(coedited with Gian Franco Gensini)

Books (Italian)

Crupi V., Gensini G.F., and Motterlini M. (eds.) (2006)

La dimensione cognitiva dell'errore in medicina

Franco Angeli, Milano

Motterlini M. and Crupi V. (2005)
Decisioni mediche. Un punto di vista cognitivo
Raffaello Cortina, Milano

Crupi V. (2002)
Presupporre e interpretare
Vivarium (Istituto Italiano di Studi Filosofici), Napoli

Articles (Italian)

Crupi V. and Festa R. (2009)
Dai giochi d'azzardo ai test diagnostici: la teoria della decisione nella medicina clinica
Logic & Philosophy of Science, 7 (special issue, Rationality in Medicine), pp. 69-94

Festa R., Crupi V., and Giaretta P. (2009)
Deduzione, induzione e abduzione nelle scienze mediche
Logic & Philosophy of Science, 7 (special issue, Rationality in Medicine), pp. 41-68

Crupi V. (2008)
Errore, decisione e razionalità in medicina
L'arco di Giano, 55, pp. 29-41

Crupi V. (2008)
Dal linguaggio al dialogo: due ipotesi sull'interpretazione
Tropos (special issue), pp. 39-54

Crupi V. (2005)
Aspetti cognitivi della razionalità medica: dall'evidenza alla decisione
Nuova civiltà delle macchine, 23 (4) (special issue, Uncertainty and Method in Medicine), pp. 59-68

Crupi V. (2003)
L'interpretazione in discussione (I)
Universalità e linguisticità nell'ermeneutica filosofica
Iride, 16, pp. 493-510

Crupi V. (2002)
L'interpretazione in discussione (II)
Una rassegna e una valutazione di alcuni argomenti contro l'ermeneutica filosofica
Fenomenologia e società, 25 (2), pp. 123-147

Crupi V. (2002)
Ancora Duhem e Quine. L'olismo epistemologico e la complessità del ragionamento scientifico
Epistemologia, 25, pp. 5-38

Crupi V. (2000)
Epistemologia del caso-Aids: un case-study per la metodologia dei programmi di ricerca scientifici
Epistemologia, 23, pp. 243-280

Crupi V. (2000)

Tematizzazione e matematizzazione. Note sulla filosofia della scienza di Heidegger (1925-1938)
Filosofia, 51, pp. 251-275

Crupi V. (1999)

Scienza, ontologia, metafisica. Heidegger e I nomi della filosofia
Iride, 12, pp. 627-644

Crupi V. (1999)

Hempel vs. Lakatos: la metodologia dei programmi di ricerca scientifici e il problema dei presupposti
Epistemologia, 22, pp. 189-222

Book chapters (Italian)

Crupi V. (2016)

Razionalità, ragionamento e cognizione
In M. Dell'Utri and M. Rainone (eds.), *I modi della razionalità*, Mimesis, pp. 81-98

Crupi V. and Tentori K. (2013)

Il ragionamento induttivo
In V. Girotto (ed.), *Introduzione alla psicologia del pensiero*, Il Mulino, Bologna, pp. 13-40

Crupi V. and Festa R. (2010)

La decisione nella medicina clinica
In A. Pagnini (ed.), *Filosofia della medicina*, Carocci, Roma, pp. 289-311

Festa R., Crupi V., and Giaretta P. (2010)

Forme di ragionamento e valutazione delle ipotesi nelle scienze mediche
In A. Pagnini (ed.), *Filosofia della medicina*, Carocci, Roma, pp. 117-140

Festa R., Buttasi C., and Crupi V. (2009)

Evidenza incerta e probabilità delle diagnosi: estensioni dell'approccio bayesiano alla pratica clinica
In P. Giaretta, A. Moretto, G.F. Gensini, and M. Trabucchi (eds.), *Filosofia della medicina*
Il Mulino, Bologna, pp. 565-609

Crupi V. (2007)

I processi decisionali in contesti di emergenza e urgenza.
In G. Trabucco and F. Buonocore (eds.) *Pronto soccorso. Triage*, Libreria Cortina, Verona, pp. 89-101

Reviews

Crupi V. (2009)

Review of G. Vattimo, *Addio alla verità*
Iride, 22, pp. 492-494

Crupi V. (2003)

Reframing Heidegger and Science (Review of T. Glazebrook, *Heidegger's Philosophy of Science*)
Human Studies, 26, pp. 133-139

Crupi V. (2002)

Review of M. Motterlini, *Lakatos. Scienza, matematica, storia*
Epistemologia, 25, pp. 339-341

Crupi V. (1999)

Review of M. Heidegger, *Il concetto di tempo*
Iride, 12, pp. 452-453

Interviews

Interview with Vincenzo Crupi

The Reasoner, 7 (10), 2013, pp. 115-117

Gli errori cognitivi in medicina (Interview)

Medical Humanities, 5 (17), 2011, pp. 101-105

Invited talks

Rationality and reasoning research: A guide for the perplexed

The relevance of logic to human reasoning

Munich Center for Mathematical Philosophy

November 18, 2016

Norms vs. evidence in reasoning research (Lecture Series)

International Rationality Summer Institute 2016

Aurich (Germany), September 5-8, 2016

Red pill or blue pill? Clinical decision making in internal medicine (with F. Elia)

15th European Congress of Internal Medicine

Amsterdam, September 3, 2016

Rational decisions? Principles, pitfalls, and prospects

Alta Scuola Politecnica (Milan/Turin), Summer School 2016

Sestriere, July 21, 2016

Razionalità e ragionamento in medicina

Policlinico di Milano

Milan, April 19, 2016

Errore e organizzazione: perché sbagliamo?

Regional Congress of the Italian Society of Emergency Medicine (SIMEU)

Casale Monferrato, March 4, 2016

Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science

Entropy Workshop

Ludwigsburg, February 16, 2016

Razionalità, cognizione ed evidenza in medicina clinica

Conference *Filosofia e medicina*, University of Turin

Circolo dei Lettori, January 22, 2016

A logic of inductive conditionals: Why we need it and how to get it
First Workshop of the European Non-Categorical Thinking Project
Leeds, January 20, 2016

Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science
Seminar Series, Munich Center for Mathematical Philosophy, Ludwig Maximilian University
Munich, November 26, 2015

Limiti del ragionamento clinico (with F. Elia)
International Congress of the Italian Society of Internal Medicine
Rome, October 12, 2015

Judgments of conditional probability vs. evidential support
An experimental comparison in accuracy and time-consistency
Bridges 2 Workshop
Rutgers Philosophy Department, September 20, 2015

One, but not the same: Bayesian confirmation theories and their implications
PhD Seminar Series, University of Rome TRE
Rome, May 13, 2015

Il ragionamento nella diagnosi
Workshop *Le ragioni degli esami: aspetti filosofici e psicologici della diagnostica per immagini*
Bertinoro, April 24, 2015

Likelihood principles and the grammar of Bayesian confirmation (with G. Cevolani and R. Festa)
Conference *Model selection: Ockham's razors and related issues*
Padova, April 15, 2015

Indicative conditionals and probabilistic support
Workshop *Reasoning and Making Decisions*
Ludwigsburg, November 17, 2014

Il modello cognitivista dell'errore in medicina (with G. Cevolani)
IX National Congress of the Italian Society of Emergency Medicine
Turin, November 7, 2014

Models of rationality and the psychology of reasoning: From is to ought, and back
Seminar Series, Munich Center for Mathematical Philosophy, Ludwig Maximilian University
Munich, April 16, 2014

The logic and psychology of evidential support
Logic and Philosophy of Science Seminar
Florence, March 7, 2014

Come pensano i "dottori": gli errori del ragionamento clinico (with F. Elia)
Italian Society of Internal Medicine
Conference of the Piemonte–Liguria–Valle d'Aosta Section
Turin, November 28, 2013

Errori, euristiche e probabilità: quanto è ingenuo il ragionamento ingenuo?

Conference *Epistemology of ordinary knowledge*

University of Siena, Arezzo, October 9, 2013

Probability, confirmation, and the conjunction fallacy: Theoretical and experimental advances

Theoretical Philosophy Colloquium

Heinrich Heine University

Düsseldorf, December 11, 2012

Formal epistemological explication: News for the Bayesian agenda

Formal Epistemology Group

University of Konstanz

Konstanz, March 19, 2012

Formal epistemological explication: News for the Bayesian agenda

Workshop *Bayesian methods in philosophy*

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, June 15, 2011

Subtleties of information search: The pseudodiagnosticity case

Seminar, Cognitive Psychology Lab, University of Aix-Marseille

Marseille, June 15, 2010

Decisione, rischio ed errore: Implicazioni per la medicina d'urgenza

Seminar, Department of Intensive Care, EOC (Switzerland)

Mendrisio, April 29, 2010

Subtleties of human inductive reasoning: Probability, confirmation, and information search

Seminar, Adaptive Behavior and Cognition Group, Max Planck Institute for Human Development

Berlin, February 24, 2010

Confirmation, verisimilitude, and a paradox of conjunction

Workshop *Probability, confirmation, and verisimilitude*

Department of Philosophy, University of Trieste

Trieste, September 12, 2009

Rationality and reasoning: Bayesian perspectives on human behavior

Seminar, Center for the history and methods of political economics, University of Turin

Turin, March 27, 2009

Inductive reasoning in human cognition

Conference *The psychology of argumentation and inductive reasoning*

Tilburg University

Tilburg, November 21, 2008

The diagnosticity of evidence and the pseudoevidence for pseudodiagnosticity

Seminar, Center for Mind/Brain Sciences (CIMEC), University of Trento

Rovereto, April 16, 2008

The diagnosticity of evidence and the pseudoevidence for pseudodiagnosticity
Workshop *Probability, confirmation, and fallacies*
Center for Logic and Analytic Philosophy, University of Leuven
Leuven, April 5, 2008

Quali vincoli cognitivi possono influenzare le decisioni mediche?
Workshop *Psychology and medical decision making*
Annual Conference of the Italian Psychological Association
Como, September 16, 2007

Errore cognitivo ed errore diagnostico
Advanced School for Healthcare Executives
Lombardy Regional Institute for Education in Public Administration
Milan, May 14, 2007

Bayesian confirmation theory as inductive logic: Principles and applications
Workshop *The cognitive structure of uncertainty and scientific inquiry*
Department of Philosophy, University of Trieste
Trieste, January 27, 2007

La dimensione cognitiva dell'errore in medicina
Conference *The oncology specialist*
Italian National Institute for Cancer Research and Italian Association of Medical Oncology
Milan, October 23, 2006

Trappole cognitive nel processo decisionale
Annual Conference of the Italian Association for Non-Invasive Diagnostics in Dermatology
Palermo, June 24, 2005

On Bayesian measures of evidential support
Programme *Evidence, inference, and inquiry*
Department of Statistical Science, UCL
London, May 27, 2005

The AIDS-debate as a case-study: Causation, theory-choice, and heresy
Research seminar for the philosophy of the natural sciences
Department of Logic, Philosophy, and Scientific Method, LSE
London, February 27, 2002

Refereed conference contributions

International conferences

Nelson J.D., [Crupi V.](#), Meder B., Cevolani G., and Tentori K.
*Beyond Shannon entropy: A unified mathematical framework for entropy
and its importance for understanding human active learning*
Annual Meeting of the Psychonomic Society
Boston, November 20, 2016

Tentori K., Passerini A., and Crupi V.

Judging forecasting accuracy: How human intuitions meet theoretical models

International Conference on Thinking

Brown University, Providence (RI), August 4, 2016

Colombo M., Lai J., and Crupi V.

Sleeping Beauty goes to the lab: The psychology of self-locating evidence

International Conference on Thinking

Brown University, Providence (RI), August 4, 2016

Crupi V., Nelson J.D., Meder B., Cevolani G., and Tentori K.

Shannon and beyond: Generalized entropies and rational information search

Conference of the European Philosophy of Science Association

Düsseldorf, September 23, 2015

Crupi V., Nelson J.D., Meder B., Cevolani G., and Tentori K.

Beyond Shannon entropy: A Unified mathematical framework for entropy measures and its importance for understanding human active learning [poster]

Biennial Conference on Subjective Probability, Utility, and Decision Making

Budapest, August 16-20, 2015

Crupi V., Nelson J.D., Meder B., Cevolani G., and Tentori K.

How a unified mathematical approach to entropy can help us understand human intuitions and design better experiments

Workshop on *Optimal experimental design*, Annual Conference of the Cognitive Science Society

Pasadena, July 22, 2015

Nelson J.D., Crupi V., Meder B., Cevolani G., and Tentori K.

Beyond Shannon entropy: A Unified mathematical framework for entropy measures and its importance for understanding human active learning

Annual Meeting of the Society for Mathematical Psychology

Newport Beach, July 20, 2015

Crupi V., Nelson J.D., Meder B., Cevolani G., and Tentori K.

Shannon and beyond: Generalized entropies and rational information search

Seventh International Conference on Model-Based Reasoning

Sestri Levante, June 26, 2015

Nelson J.D., Meder B., Szalay C., Crupi V., and Tentori K.

Implications of disregarding objective utilities when selecting a medical test

Annual Meeting of the Psychonomic Society

Long Beach, November 23, 2014

Nelson J.D., Meder B., Szalay C., Crupi V., and Tentori K.

On selecting experiments given uncertainty about actual payoff structures

Annual Meeting of the European Society for Philosophy and Psychology

Noto, September 17, 2014

Nelson J.D., Meder B., Szalay C., Crupi V., and Tentori K.
Implications of disregarding objective utilities when selecting a medical test [poster]
Biennial European Meeting of the Society for Medical Decision Making
Antwerp, June 10, 2014

Crupi V. and Girotto V.
Models of rationality and the psychology of reasoning: From is to ought, and back
Nordic Network for Philosophy of Science Meeting
Lund, March 27, 2014

Nelson J.D., Szalay C., Meder B., Crupi V., Gigerenzer G., and Tentori K.
On optimality conditions for the likelihood difference
Annual Meeting of the Society of Mathematical Psychology
Potsdam, August 5, 2013

Zhao J., Crupi V., Tentori K., Fitelson B., and Osherson D.
Updating: Learning vs. supposing
Annual Meeting of the Cognitive Science Society
Sapporo, August 2, 2012

Cevolani G., Crupi V., and Festa R.
A verisimilitudinarian approach to the Linda paradox
Seventh Conference of the Society for Logic, Methodology and Philosophy of Science in Spain
Santiago de Compostela, July 19, 2012

Tentori K., Chater N., and Crupi V.
Probability vs. confirmation judgments: A comparison in accuracy and test-retest reliability
Seventh International Conference on Thinking
Birkbeck College and UCL
London, July 4, 2012

Cevolani G., Crupi V., and Festa R.
More verisimilar banking: A novel analysis of the Linda paradox
Biennial Conference of the European Philosophy of Science Association
University of Athens
Athens, October 7, 2011

Crupi V. and Tentori K.
Two representation theorems for probabilistic explanatory power
Conference *Formal epistemology meets experimental philosophy*
Tilburg University, September 30, 2011

Tentori K., Crupi V., and Russo S.
New evidence on probability, confirmation, and the conjunction fallacy
Conference *Formal epistemology meets experimental philosophy*
Tilburg University, September 29, 2011

Crupi V. and Tentori K.

Confirmation as partial entailment: A representation theorem in inductive logic

Prolog 2011: The Fifth Workshop on Combining Probability and Logic

Columbia University

New York, September 11, 2011

Crupi V., Chater N., and Tentori K.

New axioms for probability and likelihood ratio measures

Seventh European Congress of Analytic Philosophy

Milan, September 5, 2011

Iranzo V. and Crupi V.

Adhocness from a Bayesian point of view

Seventh European Congress of Analytic Philosophy

Milan, September 5, 2011

Cozzi D.A., Schiavetti A., Ceccanti S., Frediani S., Mele E., Crupi V., and Cozzi F.

Decision analysis to compare treatment options for stage I intermediate risk Wilms' tumor

Congress of the International Society of Pediatric Oncology

Boston (MA), October 22, 2010

Tentori K., Crupi V., and Divan C.

Mind the gap: Physicians' assessment of patients' decision weights in localized prostate cancer treatment

Fifth International Workshop on Clinical reasoning

London, April 18, 2010

Crupi V.

Epistemology – formal and empirical: Bayesian confirmation theory as a case-study

Conference The future of philosophy of science

Tilburg University, April 14, 2010

Crupi V. and Tentori K.

Probability, confirmation, and the conjunction fallacy: Theoretical and experimental advances

Sixth Congress of the Society for Logic, Methodology and Philosophy of Science in Spain

Valencia, November 20, 2009

Crupi V. and Tentori K.

Bayesian confirmation theory and information search decision making

Third Congress of the French Society for Philosophy of Science

Paris, November 12, 2009

Cevolani G., Crupi V., and Festa, R.

Verisimilitude and belief change for propositional theories

Biennial Conference of the European Philosophy of Science Association

Amsterdam, October 21, 2009

Mastropasqua T., Tentori K., and Crupi V.

Bayesian confirmation by uncertain evidence

Biennial Conference on Subjective Probability, Utility, and Decision Making

Rovereto, August 25, 2009

Tentori, K., Crupi V., and Russo S.

Explaining the conjunction fallacy

Biennial Conference on Subjective Probability, Utility, and Decision Making

Rovereto, August 23, 2009

Tentori K. and Crupi V.

Explaining the conjunction fallacy: Probability vs. confirmation

Annual Meeting of the Cognitive Science Society

Amsterdam, July 30, 2009

Crupi V., Tentori K., and Lombardi L.

Reassessing the evidence for 'pseudodiagnosticity'

Sixth International Conference on Thinking

Venice, August 23, 2008

Crupi V. and Tentori K.

Good questions: Inductive confirmation and the value of information

Sixth International Conference on Thinking

Venice, August 21, 2008

Tentori K., Crupi V., and Osherson D.

Determinants of confirmation

Sixth International Conference on Thinking

Venice, August 21, 2008

Festa R., Crupi V., and Buttasi C.

The grammar of confirmation

First Biennial Conference of the European Philosophy of Science Association

Madrid, November 16, 2007

Tentori K., Crupi V., and Osherson D.

Confirmation may depend on more than probability

Biennial Conference on Subjective Probability, Utility, and Decision Making

Warsaw, August 22, 2007

Crupi V., Fitelson B., and Tentori K.

Probability, confirmation, and the conjunction fallacy

Conference *Confirmation, induction, and science*

London School of Economics

London, March 8, 2007

Crupi V., Tentori K., and Osherson D.

Predicting confirmation judgments: A comparison of Bayesian measures [poster]

Annual Conference of the Society for Judgment and Decision Making

Toronto, November 11-14, 2005

Tentori K., Crupi V., Bonini N., and Osherson D.

On the psychology of confirmation: Inductive inferences in a probabilistic task

Biennial Conference on Subjective Probability, Utility, and Decision Making

Stockholm, August 22, 2005

Crupi V.

The sink and the murder scene: Rise and fall of a causal model in contemporary medicine

Philosophical Issues in the Biomedical Sciences

UAB Department of Philosophy & Center for Ethics and Values in the Sciences

Birmingham (AL), May 14, 2005

Others

Crupi V.

L'errore cognitivo in medicina

Giornate piemontesi di medicina clinica VIII

Cuneo, October 6, 2016

Crupi V.

Varieties of uncertainty: The case to go beyond Shannon entropy (and Kullback-Leibler)

Conference *Realism, progress, and cognitive values*

University of Trieste

September 30, 2016

Crupi V.

From is to ought, and back: The role of normative concerns in reasoning research

Conference in honour of Vittorio Girotto

University College London

July 28, 2016

Crupi V.

Categorical induction: A view from Bayesian epistemology

Workshop *Categorization, language, and inductive learning: Theoretical and experimental perspectives*

Center for Logic, Language, and Cognition, University of Turin

March 10, 2016

Crupi V. and Cevolani G.

Spiegare l'irrazionalità? Il caso della fallacia della congiunzione

Workshop *Modelli della spiegazione: logica, scienza, cognizione*

Scuola Superiore di Studi Umanistici

Bologna, October 21, 2015

Crupi V. and Girotto V.

Models of rationality and the psychology of reasoning: From is to ought, and back

Conference of the Italian Society for Logic and Philosophy of Science

Rome, June 20, 2014

Crupi V.

A probabilistic account of partial entailment and refutation

Conference of the Italian Society for Logic and Philosophy of Science

Rome, June 19, 2014

Crupi V.

One, but not the same: On probabilistic analyses of confirmation and explanatory power

The answers of philosophy – SIFA Twentieth Anniversary Conference

Alghero, September 14, 2012

Crupi V. and Tentori K.

Irrelevant conjunction: Statement and solution of a new paradox

Ninth Conference of the Italian Society of Analytic Philosophy

Padua, September 25, 2010

Crupi V., Tentori K., and Lombardi L.

La pseudodiagnosticità rivisitata

Annual Conference of the Italian Psychological Association

Chieti, September 25, 2009

Tentori K., Crupi V., and Russo S.

Determinanti della fallacia della congiunzione: probabilità vs. conferma

Annual Conference of the Italian Psychological Association

Padua, September 19, 2008

Mastropasqua T., Tentori K., and Crupi V.

Conferma bayesiana con evidenza incerta

Annual Conference of the Italian Psychological Association

Padova, September 19, 2008

Cevolani G., Crupi V., and Festa R.

Probability, verisimilitude, and a paradox of conjunction

Conference of the Italian Society for Logic and Philosophy of Science

Milan, October 10, 2007

Crupi V., Tentori K., and Gonzalez M.

On the logic and psychology of evidential support

Seventh National Conference of the Italian Society of Analytic Philosophy

Milan, September 19, 2006

Crupi V., Lombardi L., and Tentori K.

Pseudo-pseudodiagnosticità

Annual Conference of the Italian Psychological Association

Rovereto, September 13, 2006

Tentori K., Crupi V., and Osherson D.

Conferma induttiva e probabilità: limiti descrittivi dell'approccio bayesiano

Annual Conference of the Italian Psychological Association

Rovereto, September 13, 2006

Teaching

Undergraduate level

- Title: *Philosophy of science* (course)
2011 to 2017 Degree program in Philosophy, University of Turin
2008/2009 Degree program in Philosophy, University of Turin
2006/2007 Degree program in Cognitive and Applied Psychology, University of Trento
2005/2006 Degree program in Cognitive and Applied Psychology, University of Trento
- Title: *Theories of rationality and decision making* (seminar)
2016/2017 Degree program in Economics and Statistics for Organizations, University of Turin
- Title: *Rationality, uncertainty, and decision making* (seminar)
2015/2016 Degree program in Economics and Statistics for Organizations, University of Turin
- Title: *Scientific revolutions and economic science* (seminar)
2015/2016 Degree program in Economics and Statistics for Organizations, University of Turin
- Title: *Decision making, risk, and error in clinical medicine* (course)
2009/2010 Medical School, University of Florence

Postgraduate level

- Title: *Epistemology and philosophy of science*
2015 to 2017 MSc program in Philosophy, University of Turin
- Title: *Philosophy of science*
2008/2009 PhD program in Economics of Complexity and Creativity, University of Turin
- Title: *Epistemology*
2005 to 2007 School of Specialization in Advanced Education (SSIS), University of Trento
- Title: *Philosophy and history of science*
2002/2003 MSc program in Scientific Communication, University of Turin

Advanced level (professionals)

- Title: *Clinical reasoning: Uncertainty, risk, and cognitive pitfalls* [for physicians]
March 14-15, 2016 Firenze, Regional Laboratory for Education in Healthcare
September 30, 2015 Firenze, Healthcare Regional Agency of Tuscany
- Title: *Aspects of gambling: Mathematics, cognition, and representation* [for social work personnel]
November 21-22, 2014 Conegliano, Piccola Comunità Onlus and TAXI 1729
September 23-24, 2013 Bolzano, Forum Prävention and TAXI 1729
- Title: *Decision making, risk, and error in clinical medicine* [for physicians]
June 17-19, 2008 Cagliari / Olbia, Smith Kline Foundation and Italian Association of Head Physicians
June 30 – July 1, 2006 Firenze, Smith Kline Foundation and University of Florence Medical School