

Curriculum Vitae **Ralf HJM Kurvers**

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Education & Research training

- 2019 - pres **Senior Research Scientist**, Centre for Adaptive Rationality, Max Planck Institute for Human Development (MPIB), Berlin, Germany. (**Tenured** since 2022).
- 2019 - pres External **Principal Investigator** at the Excellence Cluster, Science of Intelligence, Technical University (TUB), Berlin, Germany
- 2015 - 2018 **Research Scientist**, Centre for Adaptive Rationality, Max Planck Institute for Human Development, Berlin, Germany
- 2014 - pres **Guest Researcher**, Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany
- 2011 - 2014 Rubicon **Postdoctoral Fellowship**, Dept. Fish Biology and Ecology, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany
- 2007 - 2011 **PhD** Resource Ecology Group, Wageningen University (WUR), the Netherlands. Title: Personality in a group living species: Social information use, collective movements and social decision-making
- 2009 Visiting Scientist, Dept. of Biological Sciences, University of Quebec in Montreal, Canada (1 month)
- 2006 - 2007 Research Associate, Behavioural Ecology of Sexual Signals Group, Max Planck Institute for Ornithology, Radolfzell, Germany
- 2005 - 2006 Postgraduate study Philosophy, Radboud University, Nijmegen, the Netherlands
- 2003 - 2005 **MSc** Ecology and Management, Wageningen University, the Netherlands
- 1999 - 2003 **BSc** Forest and Nature Conservation, Wageningen University, the Netherlands

Ten key publications (see below for complete list)

[Google Scholar profile](#)

1. Tump AN, Pleskac T & **Kurvers RHJM** (2020). Wise or mad crowds? The cognitive mechanisms underlying information cascades. **Science Advances** 6: eabb0266.
2. **Kurvers RHJM**, Herzog SM, Hertwig R, Krause J, Moussaid M, Argenziano G, Zalaudek I, Carney PA & Wolf M (2019). How to detect high performing individuals and groups: decision similarity predicts accuracy. **Science Advances** 5: eaaw9011.
3. Snijders L, **Kurvers RHJM**, Krause S, Ramnarine IW & Krause J (2018) Individual and population level drivers of consistent foraging success across environments. **Nature Ecology and Evolution** 2: 610–1618.

4. **Kurvers RHJM**, Krause S, Viblanc PE, Herbert-Read JE, Zaslansky P, Domenici P, Marras S, Steffensen JF, Wilson ADM, Couillaud P & Krause J (2017) The Evolution of Lateralization in Group Hunting Sailfish. **Current Biology** 27: 521-526.
5. Krause J, Herbert-Read JE, Seebacher F, Domenici P, Wilson ADM, Marras S, Svendsen MBS, Strömbom D, Steffensen JF, Krause S, Viblanc PE, Couillaud P, Bach P, Sabarros PS, Zaslansky P & **Kurvers RHJM** (2017) Injury-mediated decrease in locomotor performance increases predation risk in schooling fish. **Philosophical Transactions of the Royal Society B** 372: 1727.
6. **Kurvers RHJM**, Herzog SM, Hertwig R, Krause J, Carney PA, Bogart A, Argenziano G, Zalaudek I & Wolf M (2016) Boosting medical diagnostics by pooling independent judgments. **Proceedings of the National Academy of Sciences** 113: 8777-8782.
7. **Kurvers RHJM***, Krause J*, Croft DP, Wilson ADM & Wolf M (2014) The evolutionary and ecological consequences of animal social networks. **Trends in Ecology and Evolution** 29: 326-335. * Equal contributions
8. **Kurvers RHJM**, Adamczyk VMAP, van Wieren SE & Prins HHT (2011) The effect of boldness on decision making in barnacle geese is group-size-dependent. **Proceedings of the Royal Society B** 278: 2018-2024.
9. **Kurvers RHJM**, van Oers K, Nolet BA, Jonker RM, van Wieren SE, Prins HHT & Ydenberg RC (2010) Personality predicts the use of social information. **Ecology Letters** 13: 829-837.
10. **Kurvers RHJM**, Prins HHT, van Wieren SE, van Oers K, Nolet BA & Ydenberg RC (2010) The effect of personality on social foraging: shy barnacle geese scrounge more. **Proceedings of the Royal Society B** 277: 601-608.

Grants

- 2023-2026 **Excellence Cluster Science of Intelligence Research Grant**. The dynamics between collective search and avoidance (€608.000). Lead PI.
- 2022-2025 **Horizon Europe Framework Programme (HORIZON)**. Human Artificial Collective Intelligence in Open-Ended Decision Making. (€2,791,311.00). Co-PI.
- 2022-2025 **German Research Foundation (DFG) Grant**. Individual, Collective and Environmental Drivers of Human Foraging Dynamics. (€535.680). Lead PI.
- 2021-2024 **Excellence Cluster Science of Intelligence Research Grant**. Weighing personal and social information in cooperative problem solving. (€657.097). Lead PI.
- 2020-2023 **Excellence Cluster Science of Intelligence Research Grant**. Collective Dynamics Underlying Personal and Social Information Integration. (€313.476). Lead PI.
- 2020-2021 **Nesta Collective Intelligence Grant**. CROME: Harnessing the Wisdom of Crowds in Medical Diagnostics. (€35.000). Lead PI.
- 2016-2019 **German Research Foundation (DFG) Grant** The Role of Individual Differences in Collective Behaviour. (€292.050). Lead PI.
- 2011-2014 **Rubicon Postdoctoral Fellowship**. Netherlands Organisation for Scientific Research (NWO). Linking personality to collective decision making. (€118.080). Postdoc grant.
- 2006-2007 **Scholarship for postgraduate study philosophy**. Thomas More Foundation. Radboud University, Nijmegen, NL. (€5.000)

Awards

Second Prize PE&RC Best PhD **Publication Award**, 2011 (€ 500)

Second Prize NERN **Publication Award**. Award for the best scientific paper in ecology and evolution published by a PhD candidate, 2011 (€ 500)

Second Prize **Centre for Ecosystems Award**. Wageningen University, 2011 (€ 100)

Teaching and supervision

Lecturing

- 2022 Course coordinator. Computational modelling of collective behaviour and cognition. Humboldt University, Berlin.
- 2012-2019 Preparing and running practicals and lectures for Bachelor students Biology at Bielefeld University, with approx. 250 students per year.
- 2012-2017 Preparing and running practicals and lectures for Bachelor students Biology and Animal Sciences at Wageningen University, with approx. 120 students per year.
- 2010-2011 Lecturer Master courses: i) Ecological Methods, ii) Behavioural Ecology, and iii) Animal Ecology, Wageningen University.

Guest lectures

- 2022 Integrative Knowledge Perspectives. University of Bielefeld.
- 2020 Current topics in Behavioral Ecology. Behavioral Ecology Seminar. LMU Munich.

Workshops

- 2016-19, 22 Summer Institute on Bounded Rationality, MPIB, Berlin. *The heuristics of group decision making.*
- 2022 Collective Resilience across Scales, Complexity Science Hub, Vienna. *Collective resource exploitation.*
- 2022 Computational Summer School on Modelling Social and Collective Behaviour (COSMOS), Konstanz. *The cognitive mechanisms of information cascades.*
- 2022 Constructing and Deconstructing Collectives, Santa Fe Institute. *From individual-level cognition to collective dynamics.*
- 2017 Cognitive Science teaching week for Berlin Mind & Brain Doctoral Program, Humboldt University, Berlin. *Clever cognition in a social world.*

Post-Doctoral supervision

- 2021-pres Dominik Deffner. Cooperative problem solving in virtual reality.
- 2020-pres Alan Tump. Cognitive modelling of human collective decision making.
- 2018-2021 Bertrand Jayles. Social influence in human collective decision making.

Doctoral supervision:

- 2022-pres Alexander Schakowski. Socio-ecological determinants of human collective foraging.
- 2021-pres David Mezey. Collective robotics.
- 2021-pres Julian Berger. Collective intelligence in diagnosing mental disorders.
- 2021-pres Mubashir Sultan. Cognitive processes underlying misinformation.
- 2016-2020 Alan Tump. Thesis title: *How social learning strategies boost or undermine decision making in groups.* Free University, Berlin.

2012-2016 Romain Clément. Thesis title: *Collective cognition and decision-making in humans and fish*.
Humboldt University, Berlin.

Master thesis supervision (n=12)

Mubashir Sultan (MPIB) | Alexander Schakowski (MPIB) | David Wollny-Huttarsch (MPIB) |
Jasmin Dragestein (MPIB) | Kees Straates (WUR) | Chantal Althuizen (WUR) | Jan Baar (WUR)
| Coretta Jongeling (WUR) | Vena Adamczyk (WUR) | Simone van Santen de Hoog (WUR) |
Marlot Jonker (WUR) | Babette Eijkelenkamp (WUR)

Bachelor thesis supervision (n=3)

Antonio Amaddio (MPIB) | Fumihito Ogawa (IGB) | Idger Zwiers (WUR)

Internship/lab rotation supervision (typically 3 month projects) (n=17)

Nina Ehmann (MPIB) | Valerii Chirkov (MPIB) | Roberto Sautto (MPIB) | Susanne Haridi
(MPIB) | Cheyenne Cavender (MPIB) | Ruth Marheinecke (MPIB) | Aaron Lob (MPIB) |
Alexander Schakowski (MPIB) | Marta Balode (MPIB) | David Wollny-Huttarsch (MPIB) | Julia
Brodén (MPIB) | Sarah Neuhoff (MPIB) | Louisa Schilling (MPIB) | Florian Ermark (MPIB) |
Sergio Garcia Martin (IGB) | Sidsel Bouet (IGB) | Coretta Jongeling (WUR)

Academic Service

Manuscripts reviewed for (~130 unique manuscripts)

Nature | Nature Communications | PNAS | Current Biology | Ecology Letters | Trends in
Ecology and Evolution | Trends in Cognitive Science | New England Journal of Medicine | The
British Medical Journal | Journal of Neurology, Neurosurgery & Psychiatry | Philosophical
Transactions of the Royal Society B | Proceedings of the Royal Society B | Journal of the Royal
Society Interface | eLife | iScience | Evolution and Human Behaviour | Journal of Experimental
Social Psychology | Journal of Cognition | Frontiers in Zoology | Current Opinion in Behavioral
Sciences | The Quarterly Review of Biology | Journal of Animal Ecology | Biology Letters |
Journal of Evolutionary Biology | Animal Behaviour* | Behavioral Ecology | Behavioral Ecology
and Sociobiology | Animal Cognition | Oikos | Journal of Theoretical Biology | Journal of Fish
Biology | Scientific Reports | Journal of Experimental Biology | Wildlife Biology | Journal of
Mammalogy | Environmental Conservation | Science of the Total Environment | Environmental
Pollution | Axios | Ethology | Ethology, Ecology & Evolution | Behaviour | Computers in
Human Behavior | Journal of Intelligence | Journal of Behavioral Decision Making | Decision |
Evolutionary Psychology | Current Zoology | Journal of Field Ornithology | Journal of Applied
Ichthyology | Marine Environmental Research | PLoS ONE | BMJ Open | BMC Medical
Informatics and Decision Making | Medical Decision Making | Journal of Patient Experience |
Royal Society Open Science | Social Networks | PeerJ

* **Certificate of Excellence in Reviewing**. Animal Behaviour (2014)

Book (chapters) reviewed for

Animal Social Networks (ed. by Krause, James, Franks & Croft) | The Social Life of Greylag Geese
(ed. by Scheiber, Weiss, Hemetsberger, Kotrschal) | The Drive for Knowledge: the Science of
Human Information-Seeking (ed. by Eric Schulz).

Grants reviewed for

European Research Council (ERC) | National Science Foundation (NSF) | Natural Environment Research Council (NERC) | United States – Israel Binational Science Foundation (BSF) | Israel Science Foundation (ISF) | ASAB Research Grants | Zukunftskolleg, Institute for Advanced Study (IAS) University of Konstanz

Presentations

Organised seminars / conferences

- 2022 Co-organiser, Social Foraging Symposium, ECBB, the Netherlands
- 2009–11 Organising committee. Wageningen Evolution and Ecology Seminars (WEES)
- 2009 Organising committee. 5th European Meeting of PhD Students in Evolutionary Biology (EMPSEB).
- 2009 Co-organiser, Animal Personality Symposium, 16th Benelux Congress of Zoology.

Invited talks (selection)

- 2022 5th Early Career Social Learning (ESLR) Workshop, Amsterdam. *How billfish cooperate to catch their schooling prey.*
- 2022 Social Psychology colloquium series, Tilburg University. *From individual-level cognition to collective dynamics.*
- 2022 Crowd Cognition Group. Ludwig-Maximilians-University, Munich. *From individual-level cognition to collective dynamics.*
- 2021 socialBRIDGES, University of Munich. *How to sway voters.*
- 2020 Cognition, Values, Behaviour (CVBE) group. Ludwig-Maximilians-University, Munich. *Wisdom of crowds and social influence.*
- 2017 Dept. of Collective Behaviour, University of Konstanz. *The tricks up a sailfish's sleeve to catch its schooling prey.*
- 2017 Dept. of Psychology, University of Konstanz. *Boosting medical diagnostics by combining independent decisions.*
- 2017 Behavioural Ecology Group, Wageningen University. *How sailfish catch their schooling prey.*

Presentations at conferences

- 2021 ACM Collective Intelligence Conference, Copenhagen.
- 2017 Behaviour 2017. Estoril.
- 2016 50th Conference of the German Society for Psychology, Leipzig.
- 2015 Behaviour 2015. Cairns.
- 2014 15th International Behavioral Ecology Congress, New York.
- 2013 Netherlands Society for Behavioural Biology, Soesterberg.
- 2013 Behaviour 2013. Newcastle.
- 2012 6th European Conference on Behavioural Biology, Essen.
- 2010 13th International Behavioral Ecology Congress, Perth.
- 2009-10 Netherlands Annual Ecology Meeting, Lunteren.
- 2009 16th Benelux Congress of Zoology, Wageningen.
- 2009 15th European Meeting of PhD Students in Evolutionary Biology, Schoorl.

- 2008 11th meeting of the Goose Specialist Group, Leh.
 2007 6th Conference of the European Ornithological Union, Vienna.
 2007 Edward Grey Institute Student Conference, Oxford.

Media outreach

News articles (each news article refers to a unique scientific publication)

- The Conversation *Why we still fall for influencers, salesmen and politicians who lie* (2021) [link](#)
NewsMedical *Concept of 'wisdom of crowds' can improve decisions about overuse of antibiotics* (2020) [link](#)
Süddeutsche Zeitung *Alte Freunde*. (2020) [link](#)
Science Daily *Best of the best: Who makes the most accurate decisions in expert groups?* (2019) [link](#)
Science Daily *Male Trinidad guppies find food thanks to females*. (2019) [link](#)
The Atlantic *Parasites Can Mind-Control Animals Without Infecting Them*. (2018) [link](#)
Forbes *Light Pollution Causes Risky Behavior in Fish*. (2018) [link](#)
Nature Research *Being consistent in a dynamic environment: a guppy story*. (2018) [link](#)
Science Daily *Together we are unpredictable: Why sailfish hunt more successfully as a group*. (2017) [link](#)
News Medical *Study sheds new light on how medical diagnostics can be enhanced by obtaining several opinions*. (2016) [link](#)
Phys.Org *Sailfish found to use group hunting technique to capture more sardines*. (2016) [link](#)
Medical Press *Collective intelligence helps to improve breast cancer diagnosis*. (2015) [link](#)
BBC News *The one thing everyone knows about swordfish is wrong*. (2015) [link](#)
IDW *Combining Dermatologists' Opinions Improves Diagnostic Accuracy in Skin Cancer*. (2015) [link](#)
Nature *The soft power of sailfish bills*. (2014) [link](#)
De Volkskrant *Crowd-management*. (2013) [link](#)
Neuroecology.wordpress *Jumping off of bridges*. (2013) [link](#)
New York Times *Even Among Animals: Leaders, Followers and Schmoozers*. (2010) [link](#)
Science Daily *Personality of geese determines their foraging behaviour*. (2010) [link](#)
The Telegraph *Bossiness is the key to leadership, geese study finds*. (2010) [link](#)

Radio broadcasts

- DeutschlandFunk *Schwarmintelligenz Die Weisheit der Vielen* (2021) (In German) [link](#)
Detektor.fm *Verbessern viele Köche den Brei?* (2016) (In German) [link](#)
Vroege Vogels *De persoonlijkheid van de gans?* (2010) (In Dutch) [link](#)
De Kennis van NU *De psyche van de gans*. (2009) (In Dutch) [link](#)

Public outreach

- 2021-23 Humboldt Labor Berlin. Exhibition on social information use. >10.000 participants per year.
 2022 Humboldt Labor Berlin. Public talk on social information use (general audience).
 2020-21 Berlin Science Week. Public talk on collective intelligence (general audience).
 2012,19,21 Long Night of Science, Berlin. Demonstrations of collective intelligence (general audience).
 2017 Soapbox Science Event to promote the role and visibility of female scientists, Berlin.
 2017 Workshop on Swarm Intelligence in high school to promote science in classrooms. Carme College, de Thij, Oldenzaal.

- 2016 Workshop on Swarm Intelligence at the FEZ Youth Centre and primary school in Berlin to promote science among young children (5-8 yrs. old).
- 2012-13 National History Museum in Berlin. Talk on Swarm Intelligence (general audience).
- 2011-12 Column writer for Dutch Scientific Calendar (general audience).

Main Collaborators

- Prof. **Jens Krause**, Dr. **Max Wolf** & Dr. **Matthew Hansen** (IGB, Germany).
- Prof. **Ralph Hertwig**, Dr. **Stefan Herzog** & Dr. **Mehdi Moussaïd** (MPIB, Berlin, Germany).
- Prof. **Patricia Carney** (Oregon Health and Science University, Oregon, USA).
- Prof. **Paolo Domenici** (IAMC-CNR, Sardinia, Italy).
- Prof. **John Fleng Steffensen** (University of Copenhagen, Denmark).
- Prof. **Giuseppe Argenziano** (Arcispedale S. Maria Nuova IRCCS, Reggio Emilia, Italy).
- Prof. **Tim Pleskac** (University of Kansas, USA)
- Prof. **Martijn van den Assem** & Assis. Prof **Dennie van Dolder** (Free University, Amsterdam, NL)
- Assoc. Prof. **Wouter van den Bos** & Dr. **Lucas Molleman** (University of Amsterdam, NL)
- Dr. **Lysanne Snijders** (Wageningen University, Wageningen, NL)
- Dr. **Pawel Romanczuk** (Humboldt University, Berlin, Germany)
- Dr. **Bahador Bahrami** & Dr. **Jurgis Karpus** (Ludwig-Maximilians-Universität, München, Germany)
- Dr. **Eva Krockow** (University of Leicester, UK)
- Dr. **Uri Hertz** (University of Haifa, Israel)

Full publications list

* Equal contributions

2022

1. Sultan M, Tump AN, Geers M, Lorenz-Spreen P, Herzog SM & **Kurvers RHJM** (2022) Time Pressure Reduces Misinformation Discrimination Ability but Not Response Bias. **Scientific Reports** in press.
2. Tump AN, Wolf M, Romanczuk P & **Kurvers RHJM** (2022) Avoiding costly mistakes in groups: The evolution of error management in collective decision making. **PLOS Computational Biology** 18: e1010442.
3. Hansen MJ*, Krause S*, Dhellemmes F, **Kurvers RHJM**, Domenici & Krause (2022) Mechanisms of prey division in a marine group-hunting predator. **Communications Biology** 5: 1161.
4. Litvinova A, **Kurvers RHJM**, Hertwig R & Herzog SM (2022) How experts' own inconsistency relates to their confidence and between-expert disagreement. **Scientific Reports** 12: 9273.
5. Roozenbeek J, Maertens R, Herzog SM, Geers M, **Kurvers RHJM**, Sultan M & van der Linden S (2022) Susceptibility to misinformation is consistent across question framings and response modes and better explained by myside bias and partisanship than analytical thinking. **Judgment and Decision Making** 17: 3.
6. **Kurvers RHJM** & Snijders L (2022) Group Size: The balance of the sexes. **Elife** 11: e83254.
7. Pattanaik V, Suran S, **Kurvers RHJM**, Hallin CA, De Liddo A, Krimmer R & Draheim D (2022) Building Global Societies on Collective Intelligence: Challenges and Opportunities. **Digital Government: Research and Practice**.

2021

8. **Kurvers RHJM***, Hertz U*, Karpus J*, Balode MP, Jayles B, Binmore K & Bahrami B (2021) Strategic disinformation outperforms honesty in competition for social influence. **iScience** 24: 103505.
9. **Kurvers RHJM**, Herzog SM, Hertwig R, Krause J, & Wolf M (2021) Pooling decisions decreases variation in response bias and accuracy. **iScience** 24: 102740.
10. Jayles B, Sire C & **Kurvers RHJM** (2021) Crowd control: reducing individual estimation bias by sharing biased social information? **PLOS Computational Biology** 17: e1009590.
11. Jayles B, Sire C & **Kurvers RHJM** (2021) Impact of sharing full versus averaged social information on social influence and estimation accuracy. **Journal of the Royal Society Interface** 20210231.
12. Snijders L, Krause S, Tump AN, Breuker M, Garcia S, Ortiz C, Rizzi S, Ramnarine IW, Krause J & **Kurvers RHJM** (2021) Causal evidence for the adaptive benefits of social foraging in the wild. **Communications Biology** 4: 94.
13. Demandt N, Bierbach D, **Kurvers RHJM**, Krause J, Kurtz J & Scharsack JP (2021) Parasite infection impairs the shoaling behaviour of uninfected shoal members under predator attack. **Behavioral Ecology and Sociobiology** 75: 148.

2020

14. Tump AN, Pleskac T & **Kurvers RHJM** (2020) Wise or mad crowds? The cognitive mechanisms underlying information cascades. [Science Advances](#) 6: eabb0266.
15. **Kurvers RHJM**, Prox L, Farine D, Jongeling C & Snijders L (2020) Season-specific carry-over of early-life associations in a monogamous bird species. [Animal Behaviour](#) 164: 25-37.
16. Demandt N, Praetz M, **Kurvers RHJM**, Krause J, Kurtz J & Scharsack JP (2020) Parasite infection disrupts escape behaviours in fish shoals. [Proceedings of the Royal Society B](#) 287: 20201158.
17. Molleman L*, Tump AN*, Gradassi A, Jayles B, Herzog S, **Kurvers RHJM** & van den Bos W (2020) Strategies for integrating disparate social information. [Proceedings of the Royal Society B](#) 287: 20202413.
18. Hansen MJ, Krause S, Breuker M, **Kurvers RHJM**, Dhellemmes F, Viblanc PE, Müller J, Mahlow C, Boswell K, Marras S, Domenici P, Wilson ADM, Herbert-Read JE, Steffensen JF, Fritsch G, Hildebrandt TB, Zaslansky P, Bach P, Sabarros PS & Krause J (2020). Linking hunting weaponry to attack strategies in sailfish and striped marlin. [Proceedings of the Royal Society B](#) 287: 20192228.
19. Krockow EM, **Kurvers RHJM**, Herzog SM, Kämmer JE, Hamilton AR, Thilly N, Macheda G & Pulcini C (2020) Harnessing the wisdom of crowds can improve guideline compliance of antibiotic prescribers and support antimicrobial stewardship. [Scientific Reports](#) 10, 18782.
20. Dhellemmes F, Hansen MJ, Bouet SD, Videler J, Domenici P, Steffensen JF, Hildebrandt T, Fritsch G, Bach P, Sabarros PS, Krueger A, **Kurvers RHJM** & Krause J (2020) Oil gland and oil pores in billfishes: in search for a function. [Journal of Experimental Biology](#) 223: jeb224956.

2019

21. **Kurvers RHJM**, Herzog SM, Hertwig R, Krause J, Moussaid M, Argenziano G, Zalaudek I, Carney PA & Wolf M (2019) How to detect high performing individuals and groups: decision similarity predicts accuracy. [Science Advances](#) 5: eaaw9011.
22. Herzog SM, Litvinova A, Yahosseini KS, Tump AN, & **Kurvers RHJM** (2019) The ecological rationality of the wisdom of crowds. In: R. Hertwig, T. J. Pleskac, T. Pachur, & The Center for Adaptive Rationality, [Taming uncertainty](#). Cambridge, MA: MIT Press.
23. Marshall JAR, **Kurvers RHJM**, Krause J & Wolf M (2019) Quorums enable optimal pooling of independent judgments. [eLife](#): e40368.
24. Molleman L, **Kurvers RHJM** & van den Bos W (2019) Unleashing the BEAST: a brief measure of human social information use. [Evolution and Human Behavior](#) 40: 492-499.
25. Snijders L, **Kurvers RHJM**, Krause S, Tump AN, Ramnarine IW & Krause J (2019) Females facilitate male patch discovery in a wild fish population. [Journal of Animal Ecology](#) 88: 1950–1960.

2018

26. **Kurvers RHJM** & Wolf M (2018) Identification of acutely sick people: individual differences and social information use. [Proceedings of the Royal Society B](#) 285: 20181274.

27. **Kurvers RHJM**, Drägestein J, Hölker F, Jechow A, Krause J & Bierbach D (2018) Artificial light at night affects emergence from a refuge and space use in guppies. **Scientific Reports** 8: 14131.
28. Snijders L, **Kurvers RHJM**, Krause S, Ramnarine IW & Krause J (2018) Individual and population level drivers of consistent foraging success across environments. **Nature Ecology and Evolution** 2: 610–1618. doi.org/10.1038/s41559-018-0658.
29. Demandt N*, Saus B*, **Kurvers RHJM**, Krause J, Kurtz J & Scharsack JP (2018) Parasite-infected sticklebacks increase the risk-taking behaviour of uninfected group members. **Proceedings of the Royal Society B** 285: 20180956.
30. Novaes Tump AN, Wolf M, Krause J & **Kurvers RHJM** (2018) Individuals fail to reap the collective benefits of diversity because of overreliance on personal information. **Journal of the Royal Society Interface** 15: 20180155.
31. **Kurvers RHJM**, Zoete A, Bachman SL, Algra PR & de Ostelo R (2018) Combining Independent Decisions Increases Diagnostic Accuracy of Reading Lumbosacral Radiographs and Magnetic Resonance Imaging. **PLoS ONE** 13: e0194128.
32. Lehmann A, Eccard JA, Scheffler C, **Kurvers RHJM** & Dammhahn M (2018) Under pressure: human adolescents express a pace-of-life syndrome. **Behavioral Ecology and Sociobiology** 72: 57.

2017

33. **Kurvers RHJM**, Krause S, Viblanc PE, Herbert-Read JE, Zaslansky P, Domenici P, Marras S, Steffensen JF, Wilson ADM, Couillaud P & Krause J (2017) The Evolution of Lateralization in Group Hunting Sailfish. **Current Biology** 27: 521-526.
34. Krause J, Herbert-Read JE, Seebacher F, Domenici P, Wilson ADM, Marras S, Svendsen MBS, Strömbom D, Steffensen JF, Krause S, Viblanc PE, Couillaud P, Bach P, Sabarros PS, Zaslansky P & **Kurvers RHJM** (2017) Injury-mediated decrease in locomotor performance increases predation risk in schooling fish. **Philosophical Transactions of the Royal Society B** 372: 1727.
35. Kämmer J, Hautz WE, Herzog SM, Kunina-Habenicht O & **Kurvers RHJM** (2017) The Potential of Collective Intelligence in Emergency Medicine: Pooling Medical Students' Independent Decisions Improves Diagnostic Performance. **Medical Decision Making** 37: 715-724.
36. Clément RJG, Vicente-Page J, Mann RP, Ward AJW, **Kurvers RHJM**, Ramnarine IW, de Polavieja G & Krause J (2017) Collective decision making in guppies: a cross-population comparison study in the wild. **Behavioural Ecology** 28: 919-924.

2016

37. **Kurvers RHJM**, Herzog SM, Hertwig R, Krause J, Carney PA, Bogart A, Argenziano G, Zalaudek I & Wolf M (2016) Boosting medical diagnostics by pooling independent judgments. **Proceedings of the National Academy of Sciences** 113: 8777-8782.
38. Herbert-Read JE, Romanczuk P, Krause S, Strömbom D, Couillaud P, Domenici P, **Kurvers RHJM**, Marras S, Steffensen JF, Wilson ADM & Krause J (2016) Proto-cooperation: Group hunting sailfish improve hunting success by alternating attacks on grouping prey. **Proceedings of the Royal Society B** 283: 20161671.

39. Svendsen MBS, Domenici P, Marras S, Krause J, Boswell K.M., Rodriguez-Pinto I, Wilson A.D.M., **Kurvers RHJM**, Viblanc PE, Finger JS & Steffensen JF (2016) Maximum swimming speeds of sailfish and three other large marine predatory fish species based on muscle contraction time and stride length: A myth revisited. **Biology Open** 5: 1415-1419.
40. Finger JS, Dhellemmes F, Guttridge TL, **Kurvers RHJM**, Gruber SH & Krause J (2016) Rate of movement of juvenile Lemon Sharks in a novel open field, are we measuring activity or reaction to novelty? **Animal Behaviour** 116: 75-82.

2015

41. **Kurvers RHJM**, Wolf M, Naguib M & Krause J (2015) Self-organized flexible leadership promotes collective intelligence in human groups. **Royal Society Open Science** 2: 150222.
42. **Kurvers RHJM**, Krause J, Argenziano G, Zalaudek I & Wolf M (2015) Detection Accuracy of Collective Intelligence Assessments for Skin Cancer Diagnosis. **JAMA Dermatology** 151: 1-8.
43. Wolf M, Carney PA, Bogart A, Krause J & **Kurvers RHJM** (2015) Collective intelligence meets medical decision making: the collective outperforms the best radiologist. **PLoS ONE** 10: e0134269.
44. Clément RJG, Wolf M, Snijders L, Krause J & **Kurvers RHJM** (2015) Information transmission via movement behaviour increases decision accuracy in human groups. **Animal Behaviour** 105: 85-93.
45. Wilson ADM, Krause S, Ramnarine IW, Borner KK, Clément RJG, **Kurvers RHJM** & Krause J (2015) Social networks in changing environments. **Behavioral Ecology and Sociobiology** 69: 1617-1629.
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