

Curriculum Vitae **Ralf HJM Kurvers**

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Education & Research training

- 2019 - Present External **Principal Investigator** at the Excellence Cluster, Science of Intelligence, Technical University, Berlin, Germany
- 2019 - Present **Senior Research scientist**, Centre for Adaptive Rationality, Max Planck Institute for Human Development, Berlin, Germany
- 2015 - 2018 **Research scientist**, Centre for Adaptive Rationality, Max Planck Institute for Human Development, 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, 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. doi.org/10.1038/s41559-018-0658.

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 (Total third-party funding obtained: **€1.420.703**)

- 2020-2023: **Excellence Cluster Science of Intelligence Research Grant**, TU/MPIB, Berlin (**€657.097**). *Title: Weighing personal and social information in cooperative problem solving.*
- 2020-2023: **Excellence Cluster Science of Intelligence Research Grant**, TU/MPIB, Berlin (**€313.476**). *Title: The Collective Dynamics Underlying Personal and Social Information Integration.*
- 2020: **Nesta Collective Intelligence Grant**. *Title: CROME: Harnessing the Wisdom of Crowds in Medical Diagnostics.* (**€35.000**).
- 2016-2019: **Temporary Position for Principal Investigator Grant**, German Research Foundation (DFG) (**€292.050**). *Title: The Role of Individual Differences in Collective Behaviour.* Project overview: [link](#). Max Planck Institute for Human Development, Berlin, GER.
- 2011-2014: **Rubicon Postdoctoral Fellowship**. Netherlands Organisation for Scientific Research (NWO) (**€118.080**). *Title: Who leads, who follows? Linking personality to collective decision making.* Project overview: [link](#). Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, GER.
- 2006: Thomas More Foundation. **Scholarship for postgraduate study philosophy** (**€5.000**). Radboud University, Nijmegen, NL.

Submitted:

- Individual, Collective and Environmental Drivers of Human Foraging Dynamics in the Wild. Submitted to DFG.

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

Preparing and running practicals and lectures for Bachelor students Biology at Bielefeld University, GER, with approximately 250 students per year. (2012-2019)

Preparing and running practicals and lectures for Bachelor students Biology and Animal Sciences at Wageningen University, NL, with approximately 120 students per year. (2012-2017)

Lecturer Master courses Ecological Methods, Behavioural Ecology, and Animal Ecology, Wageningen University, NL. (2010-2011)

Guest lectures

Current topics in Behavioral Ecology course. Behavioral Ecology Seminar. LMU Munich (2020).

Workshops

Workshop, Summer Institute on Bounded Rationality, MPI for Human Development, Berlin, GER.

Title: The heuristics of group decision making. (2016-2019)

Workshop, Cognitive Science teaching week for Berlin Mind & Brain Doctoral Program, Humboldt University, Berlin, GER. *Title: Clever cognition in a social world.* (2017)

Post-Doctoral supervision

- Dr. Alan Tump (2020-2023). Cognitive modelling of human collective decision making.
- Dr. Bertrand Jayles (2018-2020). Human collective intelligence.

Doctoral supervision:

- Alan Tump. PhD Thesis title: *How social learning strategies boost or undermine decision making in groups.* Defended at Free University, Berlin, GER, July 2020
- Romain Clément. PhD Thesis title: *Collective cognition and decision-making in humans and fish.* Defended at Humboldt University, Berlin, GER, Sept 2016.

Master thesis supervision (n=10)

- David Wollny-Huttarsch. First come, first serve: Early social influence exerts higher influence on individuals' judgements (2020)
- Jasmin Dragestein. Light pollution and social behaviour in guppies (2016)
- Kees Straates. Social information use by wild barnacle geese in a changing habitat (2011)
- Chantal Althuisen. Stability of social networks in Barnacle geese (2011)
- Jan Baar. The role of personality on collective movements in barnacle geese (2011)
- Coretta Jongeling. The effect of pair-formation and kinship on networks in barnacle geese (2010)
- Vena Adamczyk. A network analysis on the social fine structure in barnacle geese (2010)
- Simone van Santen de Hoog. Personality of group members affect tactic use and feeding success in a producer-scrounger game (2010)

- Marlot Jonker. Foraging and public information in common pipistrelle bats (2009)
- Babette Eijkelenkamp. Personality traits affect movement order of barnacle geese (2008)

Bachelor thesis supervision (n=3)

- Antonio Amaddio. Collective decision making in skin cancer diagnostics (2017)
- Fumihito Ogawa. Collective decision making in human groups (2014)
- Idger Zwiens. Do exploration differences predict foraging behaviour in wild barnacle geese? (2009)

Internship supervision (n=10)

- Alexander Schakowski. Bringing time into the Wisdom of Crowds (2020)
- Marta Balode. Advice taking in gambles (2020)
- David Wollny-Huttarsch. The role of timing in social influence (2020)
- Julia Broden. Over- and underestimation in humans (2019)
- Sarah Neuhoff. Cognitive foundation over underestimation (2019)
- Louisa Schilling. Group decision making in skin cancer diagnostics (2018)
- Florian Ermark. Collective intelligence in medical decision making (2017)
- Sergio Garcia Martin. Information diffusion in wild guppies (2017)
- Sidsel Bouet. Social information use in the Trinidadian guppy (2016)
- Coretta Jongeling. The role of genetics in social networks in barnacle geese (2011)

Academic Service

Manuscripts reviewed for (~130 unique manuscripts)

Nature Communications | Ecology Letters | Trends in Ecology and Evolution | Current Biology | 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 | Evolution and Human Behaviour | Journal of Experimental Social Psychology | 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 | 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 | 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 | 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).

Grants reviewed for

ASAB Research Grants

Zukunftskolleg University of Konstanz

Presentations

Organised seminars / conferences

- Wageningen Evolution and Ecology Seminars (WEES). Organising committee (2009-2011)
- 5th European Meeting of PhD Students in Evolutionary Biology. Organising committee (2009)
- 16th Benelux Congress of Zoology. Convener of session on Animal Personality (2009)

Workshops and Invited Talks (selection, last 5 years)

Invited talk, Conference on Collective Decision Making. Sheffield. Title: Collective intelligence in biological systems. (2020)

Invited talk, Cognition, Values, Behaviour (CVBE) group, Ludwig-Maximilians-University, Munich, GER. Title: *Wisdom of crowds and social influence*. (2020)

Workshop, Cognitive Science teaching week for Berlin Mind & Brain Doctoral Program, Humboldt University, Berlin, GER. Title: *Clever cognition in a social world*. (2017)

Workshop, Summer Institute on Bounded Rationality, MPI for Human Development, Berlin, GER. Title: *The heuristics of group decision making*. (2016, 2017, 2018)

Invited talk, Department of Collective Behaviour, University of Konstanz. Title: *The tricks up a sailfish's sleeve to catch its schooling prey*. (2017)

Invited talk, Department of Psychology, University of Konstanz. Title: *Boosting medical diagnostics by combining independent decisions*. (2017)

Invited talk, Behavioural Ecology Group, Wageningen University. Title: *How sailfish catch their schooling prey*. (2017)

Presentations at conferences

- Behaviour 2017. Estoril, PTG (2017)
- 50th Conference of the German Society for Psychology, Leipzig, GER (2016)
- Behaviour 2015. Cairns, Australia (2015)
- 15th International Behavioral Ecology Congress, New York, USA (2014)
- Netherlands Society for Behavioural Biology, Soesterberg, NL (2013)
- Behaviour 2013. Newcastle, UK (2013)
- 6th European Conference on Behavioural Biology, Essen, GER (2012)
- 13th International Behavioral Ecology Congress, Perth, Australia (2010)
- Max Planck Institute for Ornithology, Radolfzell, GER, (2010)
- Netherlands Annual Ecology Meeting, Lunteren, NL (2009 & 2010)
- University of Quebec in Montreal, Dept of Biological Science, Montreal, CAN (2009)
- Simon Fraser University, Behavioural Ecology Research Group, Vancouver, CAN (2009)
- 16th Benelux Congress of Zoology, Wageningen, NL (2009)
- 15th European Meeting of PhD Students in Evolutionary Biology, Schoorl, NL (2009)
- 11th meeting of the Goose Specialist Group, Leh, India (2008)
- Netherlands Institute of Ecology, dept of Animal Ecology, Heteren, NL (2008)
- 6th Conference of the European Ornithological Union, Vienna, Austria (2007)

- Edward Grey Institute Student Conference, Oxford, UK (2007)
- Max Planck Institute for Ornithology, Radolfzell, GER (2007)

Main Collaborators

- Prof. **Jens Krause**, Dr. **Max Wolf** & Dr. **Franz Hölker** (Leibniz Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany).
- Prof. **Ralph Hertwig** & Dr. **Stefan Herzog** (MPI for Human Development, 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. **Pawel Romanczuk** (Humboldt University, Berlin, Germany)
- Dr. **Bahador Bahrami** (Ludwig-Maximilians-Universität, München, Germany)
- Dr. **Lysanne Snijders** (Wageningen University, Wageningen, NL)
- Dr. **Eva Krockow** (University of Leicester, UK)
- Dr. **Uri Hertz** (University of Haifa, Israel)

Publications

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**, 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.
3. 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.
4. 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* In press.
5. **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.

6. 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.**
7. Marshall JAR, **Kurvers RHJM**, Krause J & Wolf M (2019) Quorums enable optimal pooling of independent judgments. **eLife**: e40368.
8. 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.
9. 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** 2019;00:1–11.
10. **Kurvers RHJM** & Wolf M (2018) Identification of acutely sick people: individual differences and social information use. **Proceedings of the Royal Society B** 285: 20181274.
11. **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.
12. 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.
13. 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.
14. 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.
15. **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.
16. 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.
17. **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.
18. 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.
19. 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.

20. 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.
21. **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.
22. 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.
23. 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.
24. 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.
25. **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.
26. **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.
27. 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.
28. 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.
29. 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.
30. Marras S, Noda T, Steffensen JF, Svendsen MBS, Krause J, Wilson ADM, **Kurvers RHJM**, Herbert-Read JE, Boswell KM & Domenici P (2015) Not so fast: Swimming behavior of sailfish during predator-prey interactions using high-speed video and accelerometry. **Integrative and Comparative Biology** DOI: 10.1093/icb/icv017.
31. **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
32. **Kurvers RHJM** & Hölker F (2014) Bright nights and social interactions: a neglected issue. **Behavioral Ecology** 26: 334-339.

33. Domenici P, Wilson ADM, **Kurvers RHJM**, Marras S, Herbert-Read JE, Steffensen JF, Krause S, Viblanc PE, Couillaud P & Krause J (2014) How sailfish use their bills to capture schooling prey. [Proceedings of the Royal Society B](#) 281: 20140444.
34. **Kurvers RHJM**, Wolf M & Krause J (2014) Humans use social information to adjust their quorum thresholds adaptively in a simulated predator detection experiment. [Behavioral Ecology and Sociobiology](#) 68: 449-456
35. **Kurvers RHJM**, Straates K, Ydenberg RC, van Wieren SE, Swierstra P & Prins HHT (2014) Social information use in Barnacle geese: an experiment revisited. [Ardea](#) 102: 173-180.
36. Wolf M*, **Kurvers RHJM***, Ward AJ, Krause S & Krause J (2013) Accurate decisions in an uncertain world: collective cognition increases true positives while decreasing false positives. [Proceedings of the Royal Society B](#) 280: 20122777. * Equal contributions
37. **Kurvers RHJM**, Adamczyk VMAP, Kraus RHS, van Wieren SE, van der Jeugd H, Hoffman JI, Amos W, Prins HHT & Jonker RM (2013) Contrasting context dependence of familiarity and kinship in animal social networks. [Animal Behaviour](#) 86: 993-1001.
38. Clément RJG, Krause S, Engelhardt N von, Faria JJ, Krause J & **Kurvers RHJM** (2013) Collective cognition in humans: Groups outperform their best members in a sentence reconstruction task. [PLoS ONE](#) 8: e77943.
39. Jonker RM, Kraus RHS, Zhang Q, Van Hooft P, Larsson K, Van der Jeugd HP, **Kurvers RHJM**, Van Wieren SE, Loonen MJJE, Crooijmans RPMA, Ydenberg RC, Groenen MAM & Prins HHT (2013) Genetic consequences of breaking migratory traditions. [Molecular Ecology](#) 22: 5835-5847.
40. **Kurvers RHJM**, Hamblin S & Giraldeau LA (2012) The effect of exploration on the use of producer-scrounger tactics. [PLoS ONE](#) 7: e49400.
41. **Kurvers RHJM**, Nolet B, Prins HHT, Ydenberg RC & van Oers K (2012) Boldness affects foraging decisions in barnacle geese: an experimental approach. [Behavioral Ecology](#) 23: 1155-1161.
42. **Kurvers RHJM**, van Santen de Hoog SI, van Wieren SE, Ydenberg RC & Prins HHT (2012) No evidence for negative frequency dependent feeding performance in relation to personality. [Behavioral Ecology](#) 23: 51-57.
43. Jonker RM, **Kurvers RHJM**, van de Bilt A, Faber M, Van Wieren SE, Prins HHT & Ydenberg RC (2012) Rapid adaptive adjustment of parental care coincident with altered migratory behaviour. [Evolutionary Ecology](#) 26: 657-667.
44. Peters A, Roberts ML, **Kurvers RHJM** & Delhey K (2012) Testosterone treatment can increase circulating carotenoids but does not affect yellow carotenoid-based plumage colour in blue tits. [Journal of Avian Biology](#) 43: 362–368.
45. **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.
46. Peters A, **Kurvers RHJM**, Roberts ML & Delhey K (2011) No evidence for general condition-dependence of structural plumage colour in blue tits: an experiment and a hypothesis. [Journal of Evolutionary Biology](#) 24: 976-987.

47. **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.
48. **Kurvers RHJM**, Prins HHT, van Wieren SE, van Oers K, Nolet BA & Ydenburg RC (2010) The effect of personality on social foraging: shy barnacle geese scrounge more. *Proceedings of the Royal Society B* 277: 601-608.
49. **Kurvers RHJM**, Delhey K, Roberts ML & Peters A (2010) No consistent female preference for more UV crown colour in the Blue Tit, *Cyanistes caeruleus*: a mate choice experiment. *Ibis* 152: 393-396.
50. Jonker MN, de Boer WF, **Kurvers RHJM** & Dekker JJA (2010) Foraging and public information use in common pipistrelle bats (*Pipistrellus pipistrellus*): a field experiment. *Acta Chiropterologica* 12: 197-203.
51. **Kurvers RHJM**, Eijkelenkamp B, van Oers K, van Lith B, van Wieren SE, Ydenberg RC & Prins HHT (2009) Personality differences explain leadership in barnacle geese. *Animal Behaviour* 78: 447-453.
52. **Kurvers RHJM**, Roberts ML, McWilliams SR & Peters A (2008) Experimental manipulation of testosterone and condition during moult affects activity and vocalizations of male blue tits. *Hormones and Behavior* 54: 263-269.
53. Smallegange IM, Van der Meer J & **Kurvers RHJM** (2006) Disentangling interference competition from exploitative competition in a crab-bivalve system using a novel experimental approach. *Oikos* 113: 157-167.

Submitted

Kurvers RHJM, Herzog SM, Hertwig R, Krause J, & Wolf M. Towards more reliable and fairer decision systems: pooling decisions decreases variation in response bias and accuracy. Preprint: <https://psyarxiv.com/sv84r>

Snijders L, Krause S, Tump AN, Breuker M, Garcia S, Ortiz C, Rizzi S, Ramnarine II, Krause J & **Kurvers RHJM**. Causal evidence for the adaptive benefits of social foraging in wild fish. www.biorxiv.org/content/10.1101/2020.08.17.254250v1

Jayles B & **Kurvers RHJM**. Debiasing the crowd: how to select social information for improving collective judgments? Preprint: <https://psyarxiv.com/hn8rz/>

Jayles B & **Kurvers RHJM**. Exchanging small amounts of opinions outperforms sharing aggregated of large crowds. Preprint: <https://psyarxiv.com/4n8bh/>

Molleman L, Tump AN, Gradassi A, Jayles B, Herzog S, **Kurvers RHJM** & van den Bos W. Strategies for integrating disparate social information. Preprint: <https://psyarxiv.com/wgzna/>

Demandt N, Praetz M, **Kurvers RHJM**, Krause J, Kurtz J & Scharsack JP. Parasite infection disrupts escape behaviours in fish shoals.

Krockow EM, **Kurvers RHJM**, Herzog SM, Kämmer JE, Hamilton AR, Thilly N, Macheda G & Pulcini C. Harnessing the wisdom of crowds can improve guideline compliance of antibiotic prescribers and support antimicrobial stewardship.

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