



"Projekt Krummhörn"

Verzeichnis der wissenschaftlichen Veröffentlichungen
(Stand: 30.05.2023)

69. Ross, Cody T. [...] Voland, Eckart [...] Borgerhoff Mulder Monique 2023
Reproductive inequality in humans and other mammals
Proceedings of the National Academy of Sciences 120: No. 22, e2220124120
<https://www.pnas.org/doi/10.1073/pnas.2220124120>
68. Rickard, Ian J.; Vullioud, Colin; Rousset, François; Postma, Erik; Helle, Samuli; Lummaa, Virpi; Kylli, Ritva; Pettay, Jenni E.; Røskoft, Eivind; Skjærvo, Gine R.; Störmer, Charlotte; Voland, Eckart; Waldvogel, Dominique; Courtiol, Alexandre 2022
Mothers with higher twinning propensity had lower fertility in pre-industrial Europe
Nature communications
<https://doi.org/10.1038/s41467-022-30366-9>
67. Pink, Katharina E.; Willführ, Kai P.; Voland, Eckart; Puschmann, Paul 2020
Effects of individual mortality experience on out-of-wedlock fertility in eighteenth- and nineteenth-century Krummhörn, Germany
Human Nature 31(2)
<https://doi.org/10.1007/s12110-020-09368-3>
66. Fochesato, Mattia; Bogaard, Amy; Bowles, Samuel 2019
Comparing ancient inequalities: The challenges of comparability, bias and precision
Antiquity 93 370: 853-869
<https://doi.org/10.15184/aqy.2019.106>
65. Borgerhoff Mulder, Monique; Towner, Mary C.; Baldini, Ryan; Beheim, Bret A.; Bowles, Sam; Colleran, Heidi; Gurven, Michael; Kramer, Karen L.; Mattison, Siobhán M.; Nolin, David A.; Scelza, Brooke A.; Sear, Rebecca; Shenk, Mary K.; Voland, Eckart; Ziker, John 2019
Differences between sons and daughters in the intergenerational transmission of wealth
Philosophical Transactions of the Royal Society B 374: 20180076
<http://dx.doi.org/10.1098/rstb.2018.0076>
64. Johow, Johannes; Willführ, Kai P.; Voland, Eckart 2019
High consanguinity promotes intergenerational wealth concentration in socioeconomically privileged Krummhörn families of the 18th and 19th centuries

Evolution and Human Behavior 40: 204-213
<https://doi.org/10.1016/J.evolhumbehav.2018.11.005>

63. Ross, Cody T.; Borgerhoff Mulder, Monique; Oh, Seung-Yun., Bowles, Sam; [...]; Voland, Eckart; Willführ, Kai [...] 2018 (34 authors)
 Greater wealth inequality, less polygyny: Rethinking the polygyny threshold model
Journal of the Royal Society Interface 15: 20180035
[doi:10.1098/rsif.2018.0035](https://doi.org/10.1098/rsif.2018.0035)
62. Willführ, Kai Pierre; Johow, Johannes; Voland, Eckart 2018
 When the mother-in-law is just as good - Differential mortality of reproductive females by family network composition
PLOS ONE 13(3): e0193252.
<https://doi.org/10.1371/journal.pone.0193252>
61. Arslan, Ruben C.; Willführ, Kai P.; Frans, Emma M.; Verweij, Karin J. H.; Bürkner, Paul-Christian; Myrskylä, Mikko; Voland, Eckart; Almquist, Catarina; Zietsch, Brendan P.; Penke, Lars 2018
 Relaxed selection and mutation accumulation are best studied empirically: reply to Woodley of Menie et al.
Proceedings of the Royal Society B 285: 1873, 2018
 DOI: 10.1098/rspb.2018.0092
60. Arslan, Ruben C.; Willführ, Kai P.; Frans, Emma M.; Verweij, Karin J. H.; Bürkner, Paul-Christian; Myrskylä, Mikko; Voland, Eckart; Almquist, Catarina; Zietsch, Brendan P.; Penke, Lars 2017
 Older fathers' children have lower evolutionary fitness across four centuries and in four populations
Proceedings of the Royal Society B 284: 20171562
[dx.doi.org/10.1098/rspb.2017.1562](https://doi.org/10.1098/rspb.2017.1562)
59. Fox, Jonathan; Willführ, Kai; Gagnon, Alain; Dillon, Lisa; Voland, Eckart
 The consequences of sibling formation on survival and reproductive success across different ecological contexts: a comparison of the historical Krummhörn and Quebec populations
The History of the Family 22: 364-423, 2017
[dx.doi.org/10.1080/1081602X.2016.1193551](https://doi.org/10.1080/1081602X.2016.1193551)
58. Voland, Eckart; Willführ, Kai P.
 Why does paternal death accelerate the transition to first marriage in the C18-C19 Krummhörn population?
Evolution and Human Behavior 38: 125-135, 2017
[dx.doi.org/10.1016/j.evolhumanbehav.2016.08.001](https://doi.org/10.1016/j.evolhumanbehav.2016.08.001), 2016
57. Willführ, Kai P.; Störmer, Charlotte
 Social strata differentials in reproductive behavior among agricultural families in the Krummhörn region (East Frisia, 1720-1874)
Historical Life Course Studies 2: 58-85, 2015
56. Störmer, Charlotte; Lummaa, Virpi

- Increased mortality exposure within the family rather than individual mortality experiences triggers faster life-history strategies in historic human populations
PLoS ONE 9(1): e83633, 2014
55. Willführ, Kai P.; Gagnon, Alain
Are stepparents always evil? Parental death, remarriage, and child survival in demographically saturated Krummhörn (1720-1859) and expanding Québec (1670-1750)
Biodemography and Social Biology 59: 191-211, 2013
54. Johow, Johannes; Volland, Eckart; Willführ, Kai P.
Reproductive strategies in female postgenerative life
pp. 243-259 in: Fisher, Maryanne L.; Garcia, Justin R.; Sokol Chang, Rosemarie (eds.):
Evolution's Empress. Oxford (Oxford University Press) 2013
53. Willführ, Kai P.; Gagnon, Alain: Are stepmothers evil or simply unskilled? Infant death clustering in recomposed families.
Biodemography and Social Biology 58: 149-161, 2012
52. Johow, Johannes; Volland, Eckart
Conditional grandmother effects on age at marriage, age at first birth, and completed fertility of daughters and daughters-in-law in historical Krummhörn.
Human Nature 23: 341-359, 2012
51. Johow, Johannes; Fox, Molly; Knapp, Leslie A.; Volland, Eckart
The presence of a paternal grandmother lengthens interbirth interval following the birth of a granddaughter in Krummhörn (18th and 19th centuries)
Evolution and Human Behavior 32: 315-325, 2011
50. Störmer, Charlotte
Sex differences in the consequences of early-life exposure to epidemiological stress - A life-history approach.
American Journal of Human Biology 23: 201-208, 2011
49. Fox, Molly; Sear, Rebecca; Beise, Jan; Ragsdale, Gillian; Volland, Eckart; Knapp, Leslie A.
Grandma plays favorites: X-chromosome relatedness and sex specific childhood mortality.
Proceedings of the Royal Society B 277: 567-573, 2010
48. Shenk, Mary K.; Borgerhoff Mulder, Monique; Beise, Jan; Clark, Gregory; Irons, William; Leonetti, Donna; Low, Bobbi S.; Bowles, Samuel; Hertz, Tom; Bell, Adrian; Piraino, Patrizio
Intergenerational wealth transmission among agriculturalists.
Current Anthropology 51: 65-83, 2010
47. Borgerhoff Mulder, M.; Bowles, S.; Hertz, T.; Bell, A.; Beise, J.; Clark, G.; Fazzio, I.; Gurven, M.; Hill, K.; Hooper, P.L.; Irons, W.; Kaplan, H.; Leonetti, D.; Low, B.; Marlowe, F.; McElreath, R.; Naidu, S.; Nolin, D.; Piraino, P.; Quinlan, R.; Schniter, E.; Sear, R.; Shenk, M.; Smith, E.A.; von Rueden, C.; Wiessner, P.
Intergenerational Wealth Transmission and the Dynamics of Inequality in Small-Scale

Societies

Science 326(5953):682-688, 2009

46. Willführ, Kai P.
Short- and long-term consequences of early parental loss in the historical population of the Krummhörn
American Journal of Human Biology 21: 488-500, 2009
(Special Issue: Trade-Offs in Female Life Histories: Integrating Evolutionary Frameworks; Issue Edited by Rebecca Sear, Mhairi A. Gibson)
45. Beise, Jan; Voland, Eckart
Intrafamilial resource competition and mate competition shaped social-group-specific natal dispersal in the 18th and 19th century Krummhörn population.
American Journal of Human Biology 20: 325-336, 2008
44. Voland, Eckart
Evolutionary psychology meets history: Insights into human nature through family reconstitution studies.
pp. 415-432 in: Dunbar, Robin I. M. & Barrett, Louise (eds.): *The Oxford Handbook of Evolutionary Psychology*. Oxford (Oxford University Press) 2007
43. Gagnon, Alain; Toupance, Bruno; Trembley, Marc; Beise, Jan & Heyer, Evelyne:
Transmission of migration propensity increases genetic divergence between populations. *American Journal of Physical Anthropology* 129: 630-636, 2006
42. Voland, Eckart & Beise, Jan
„The husband's mother is the devil in house“ – Data on the impact of the mother-in-law on stillbirth mortality in historical Krummhörn (C18-C19 Germany) and some thoughts on the evolution of postgenerative female life
pp. 239-255 in: Voland, Eckart; Chasiotis, Athanasios & Schiefenhövel, Wulf (eds.): *Grandmotherhood - The Evolutionary Significance of the Second Half of Female Life*. New Brunswick & London (Rutgers University Press), 2005
41. Voland, Eckart & Beise, Jan
Bilanzen des Alters - oder: Was lehren uns ostfriesische Kirchenbücher über die Evolution von Großmüttern?
Gießener Hochschulblätter 37: 13-22, 2004
- 41a desgl. Nachdruck
Historical Social Research 30: 205-218, 2005
- 41b desgl. Nachdruck unter dem Titel: Das Paradox der zweiten Lebenshälfte,
pp. 29-42 in: Sudhaus, Walter (Hrsg.): *Sitzungsberichte der Gesellschaft Naturforschender Freund zu Berlin (N.F.)*, Band 45. Keltern (Goecke & Evers) 2007
40. Voland, Eckart & Beise, Jan
Schwiegermütter und Totgeburten – Eine evolutionspsychologische Analyse von Kirchenbuchdaten aus der ostfriesischen Krummhörn des 18. und 19. Jhs.
Zeitschrift für Sozialpsychologie 35: 171-184, 2004
39. Voland, Eckart & Beise, Jan

- Warum gibt es Großmütter? *Spektrum der Wissenschaft* 1/03: 48-53, 2003
38. Beise, Jan & Voland, Eckart
A multilevel event history analysis of the effects of grandmothers on child mortality in a historical German population (Krummhörn, Ostfriesland, 1720-1874)
Demographic Research 7: 469-497 (Article 13), 2002
 37. Voland, Eckart & Beise, Jan
Opposite effects of maternal and paternal grandmothers on infant survival in historical Krummhörn
Behavioral Ecology and Sociobiology 52: 435-443, 2002
 36. Beise, Jan & Voland, Eckart
Effect of producing sons on maternal longevity in premodern populations
Science 98: 317a, 2002
 35. Beise, Jan & Voland, Eckart
Differential infant mortality viewed from an evolutionary biological perspective
History of the Family 7: 515-526, 2002
 34. Beise, Jan
Migration aus verhaltensökologischer Perspektive - Die Bedeutung intrafamiliärer Konkurrenz für die Abwanderung in einer nordwestdeutschen ländlichen Bevölkerung des 18. und 19. Jahrhunderts (Krummhörn, Ostfriesland) pp. 69-88 in: Oberpenning, Hannelore & Steidl, Annemarie (Hrsg.): *Kleinräumige Wanderungen in historischer Perspektive*. Osnabrück (IMIS), 2001
 33. Lycett, J. E.; Dunbar, R. I. M.; Voland, E.
Longevity and the costs of reproduction in a historical human population
Proceedings of the Royal Society London B 267: 31-35, 2000
 32. Voland, Eckart
Contributions of family reconstitution studies to evolutionary reproductive ecology
Evolutionary Anthropology 9: 134-146, 2000
 31. Voland, Eckart & Stephan, Peter
'The hate that love generated' - Sexually selected neglect of one's own offspring in humans
pp. 447-465 in: Van Schaik, Carel P. & Janson, Charles H. (eds.): *Infanticide by Males and Its Implications*
Cambridge (Cambridge University Press) 2000
 30. Voland, Eckart & Chasiotis, Athanasios
How female reproductive decisions cause social inequality in male reproductive fitness - Evidence from Eighteenth- and Nineteenth-Century Germany
pp. 220-238 in: Strickland, Simon S. & Shetty, P. S. (eds.) *Human Biology and Social Inequality*
Cambridge etc. (Cambridge University Press) 1998
 29. Voland, Eckart; Dunbar, Robin I. M.; Engel, Claudia & Stephan, Peter

- Population increase and sex-biased parental investment in humans: Evidence from 18th and 19th century Germany
Current Anthropology 38: 129-135, 1997
28. Voland, Eckart & Dunbar, Robin I. M.
 The impact of migration and social status of female age at marriage in an historical population
Journal of Biosocial Science 29: 355-360, 1997
27. Borgerhoff Mulder, Monique; Thornhill, Nancy W.; Voland, Eckart & Richerson, Peter
 The place of behavioral ecological anthropology in evolutionary social science
 pp. 253-282 in: Weingart, Peter; Mitchell, Sandra D.; Richerson, Peter J. & Maasen, Sabine (eds.) *Human by Nature - Between Biology and the Social Sciences*
 Mahwah & London (Erlbaum) 1997
26. Voland, Eckart & Dunbar, Robin I. M.
 Resource competition and reproduction - The relationship of economic and parental strategies in the Krummhörn population (1720-1874)
Human Nature 6: 33-49, 1995
25. Voland, Eckart
 Reproductive decisions viewed from an evolutionarily informed Historical Demography
 pp. 137-159 in: Dunbar, Robin I. M. (ed.) *Human Reproductive Decisions - Biological and Social Perspectives*
 London (Macmillan) 1995
24. Voland, Eckart
 Kalkül der Elternliebe - ein soziobiologischer Musterfall
Spektrum der Wissenschaft 6/95: 70-77, 1995
- 24a. *desgl. Nachdruck*
 pp. 128-135 in: Sommer, Volker (Hrsg.): *Biologie des Menschen*
 Heidelberg, Berlin, Oxford (Verlag Spektrum) 1996
- 24b. *desgl. Nachdruck*
 pp. 34-41 in: *Spektrum der Wissenschaft: Digest: Kooperation und Konkurrenz*
 Heft 1/98.
- 24c. *desgl. Nachdruck*
 pp. 74-82 in: *Spektrum der Wissenschaft: Digest: Gene und Verhalten*
 Heft 2/00.
- 24d. *Obbedisce a un calcolo l'amore dei genitori?*
 Le Scienze Dossier No. 7: *Geni e Comportamento*
 Primavera 2001
23. Caro, T.; Frank, R.; Brown, D. M.; Parish, A.; Sellen, D. W.; Voland, E. & Borgerhoff Mulder, M.
 Termination of reproduction in non-human and human female primates
International Journal of Primatology 16: 205-220, 1995

22. Klindworth, Heike & Voland, Eckart
How did the Krummhörn male elite achieve above average reproductive success?
Human Nature 6: 221-240, 1995
21. Revermann, Christoph
Manipulation und Opportunismus - Reproduktionsstrategien in einer historischen Bevölkerung (Krummhörn, 18.-19. Jahrhundert)
Göttingen (Cuvillier) 1994
20. Voland, Eckart & Gabler, Sabine
Differential twin mortality indicates a correlation between age and parental effort in humans
Naturwissenschaften 81: 224-225, 1994
19. Gabler, Sabine & Voland, Eckart
Fitness of Twinning
Human Biology 66: 699-713, 1994
18. Engel, Claudia & Voland, Eckart
Historische Verhaltensökologie
pp. 174-189 in: Voland, Eckart (Hrsg.) *Evolution und Anpassung - Warum die Vergangenheit die Gegenwart erklärt. Christian Vogel zum 60. Geburtstag*
Stuttgart (Hirzel) 1993
17. Voland, Eckart
Reproduktive Konsequenzen sozialer Strategien: Das Beispiel der Krummhörner Bevölkerung im 18. und 19. Jahrhundert
pp. 290-305 in: Voland, Eckart (Hrsg.) *Fortpflanzung Natur und Kultur im Wechselspiel - Versuch eines Dialogs zwischen Biologen und Sozialwissenschaftlern*
Frankfurt/M (Suhrkamp) 1992
16. Voland, Eckart
Fortpflanzung Natur und Kultur im Wechselspiel
pp. 347-366 in: Voland, Eckart (Hrsg.) *Fortpflanzung Natur und Kultur im Wechselspiel - Versuch eines Dialogs zwischen Biologen und Sozialwissenschaftlern*
Frankfurt/M (Suhrkamp) 1992
15. Voland, Eckart; Siegelkow, Eva & Engel, Claudia
Cost/benefit oriented parental investment by high status families - The Krummhörn case
Ethology and Sociobiology 12: 105-118, 1991
14. Engel, Claudia
Zum Bevölkerungsgeschehen in der Krummhörn des 18. und 19. Jahrhunderts
Ender Jahrbuch 71: 83-94, 1991
13. Voland, Eckart
Erkenntnischancen einer historischen Verhaltensökologie
Wissenschaftliche Zeitschrift der Humboldt-Universität zu Berlin, Reihe Medizin 41: 66-74, 1992
12. Engel, Claudia

- Differentielles Elterninvestment - Untersuchungen über elterliches Fürsorgeverhalten in der Krummhörn/Ostfriesland im 18. und 19. Jahrhundert. pp. 60-74 in: May, Hans; Striegnietz, Meinfried & Hefner, Philip (eds.): *Menschliche Natur und moralische Paradoxa aus der Sicht von Biologie, Sozialwissenschaften und Theologie*. Rehburg-Loccum (Evangelische Akademie Loccum) (= Loccumer Protokolle 78/79)
11. Voland, Eckart
Differential reproductive success within the Krummhörn population (Germany, 18th and 19th centuries)
Behavioral Ecology and Sociobiology 26: 65-72, 1990
10. Voland, Eckart & Siegelkow, Eva
Comment on "Sieff: Explaining biased sex ratios in human populations"
Current Anthropology 31: 42-43, 1990
9. Voland, Eckart & Engel, Claudia
Female choice in humans: A conditional mate selection strategy of the Krummhörn women (Germany, 1720 -1874)
Ethology 84: 144-154, 1990
8. Voland, Eckart
Differential parental investment: Some ideas on the contact area of European social history and evolutionary biology
pp. 391-403 in: Standen, Valerie & Foley, Robert A. (eds.) *Comparative Socioecology - The Behavioural Ecology of Humans and other Mammals*
Oxford (Blackwell) 1989
7. Voland, Eckart & Engel, Claudia
Women's reproduction and longevity in a premodern population (Ostfriesland, Germany, 18th century)
pp. 194-205 in: Rasa, Anne E.; Vogel, Christian & Voland, Eckart (eds.) *The Sociobiology of Sexual and Reproductive Strategies*
London & New York (Chapman & Hall) 1989
6. Voland, Eckart
Differential infant and child mortality in evolutionary perspective Data from late 17th to 19th century Ostfriesland (Germany)
pp. 253-261 in: Betzig, Laura L.; Borgerhoff Mulder, Monique & Turke, Paul W. (eds.) *Human Reproductive Behaviour A Darwinian Perspective*
Cambridge (Cambridge University Press) 1988
5. Voland, Eckart
Das Projekt 'Krummhörn' - Weshalb interessieren sich Anthropologen für ostfriesische Kirchenbücher?
Quellen und Forschungen zur ostfriesischen Familien- und Wappenkunde 37: 2-8, 1988
4. Straka-Geiersbach, Simone & Voland, Eckart
Zum Einfluß der Säuglingssterblichkeit auf die eheliche Fruchtbarkeit (Krummhörn, 18. und 19. Jahrhundert)
Homo 39: 171-185, 1988

3. Voland, Eckart & Engel, Claudia
Ist das postmenopausale Sterbealter Variable einer fitnessmaximierenden Reproduktionsstrategie?
Anthropologischer Anzeiger 44:19-34, 1986
 2. Voland, Eckart
Bestimmungsgrößen für differentielles Elterninvestment in einer menschlichen Population
Anthropologischer Anzeiger 42:197-210, 1984
 1. Voland, Eckart
Human sex ratio manipulation: Historical data from a German parish
Journal of Human Evolution 13: 99-107, 1984
- Ia. desgl. Nachdruck*
pp. 99-107 in: Jan Wind (ed.) *Essays in Human Sociobiology*
London (Academic Press) 1985