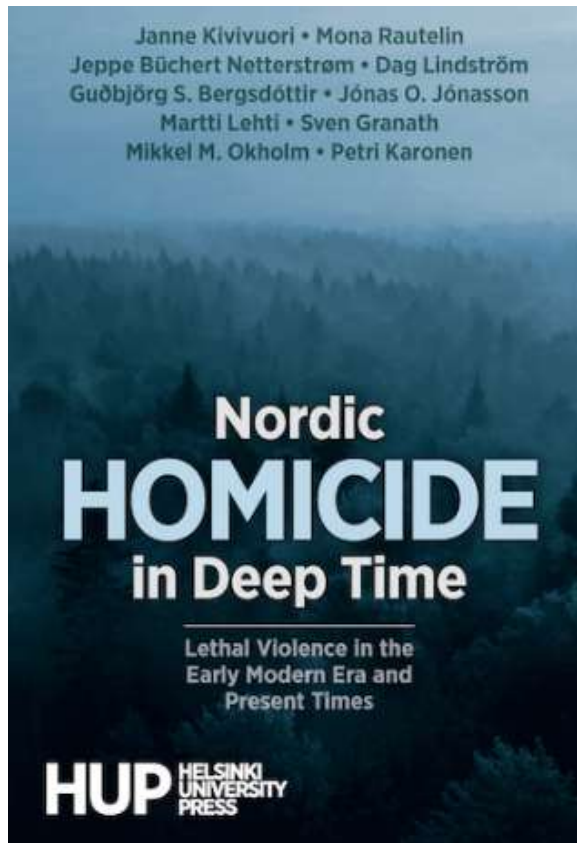




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KIVIVUORI J & RAUTELIN M & NETTERSTRØM J B & LINDSTRÖM D &
BERGSDÓTTIR GS & JÓNASSON J O & LEHTI M & GRANATH S & OKHOLM M M &
KARONEN P (2022)

NORDIC HOMICIDE IN DEEP TIME

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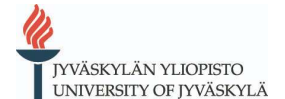
Author meets critics

Chair: prof. **Nora Markwalder**, University of St. Gallen

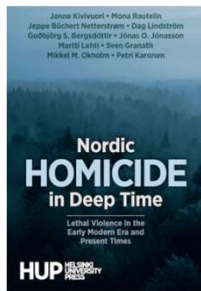
Representing authors: prof. **Janne Kivivuori**, University of Helsinki

Critics: prof. **Manuel Eisner**, University of Cambridge and prof. **Marieke Liem**, University of Leiden

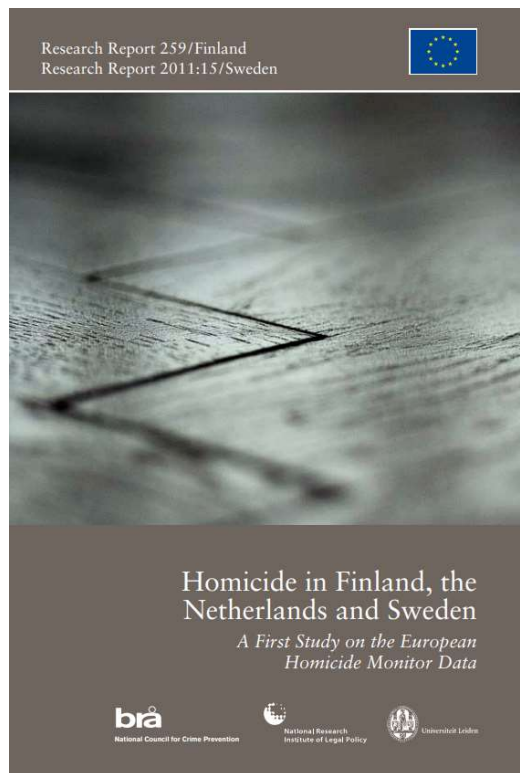
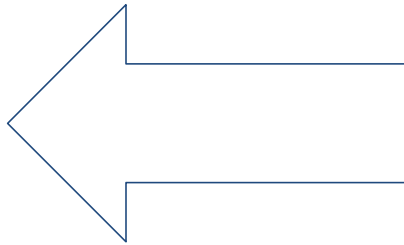
ESC annual conference, Florence, 7 Sep 2023



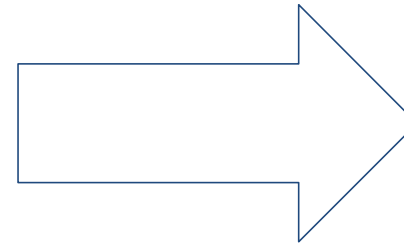
European Homicide Monitor: testing the feasibility of standardized, comparative, individual-level homicide research beyond the contemporary European core



1608-1699



2003-2006 →



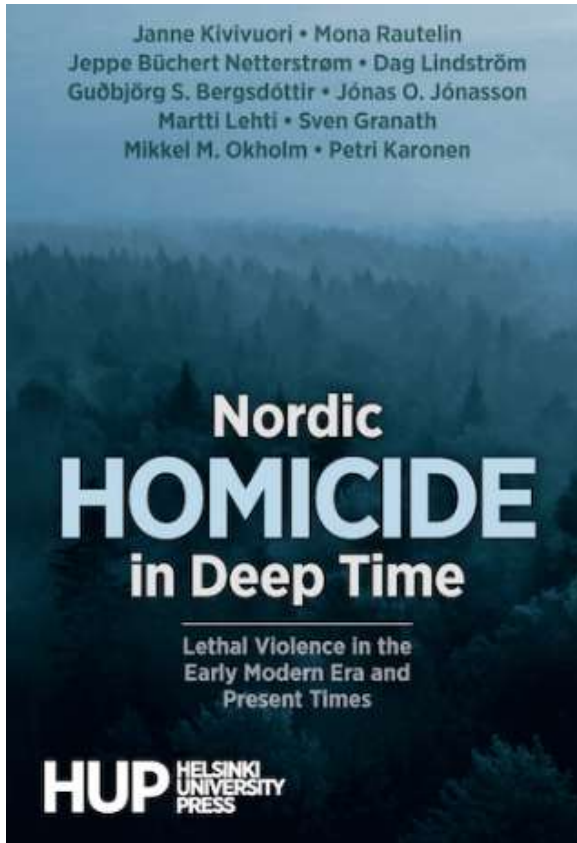
Expanding use of the EHM in contemporary Europe

Feasibility testing in the Dutch Caribbean (Liem at al.) and in a South African township (Kivivuori et al.)

See the forthcoming (2024) thematic issue in *Journal of Contemporary Criminal Justice*



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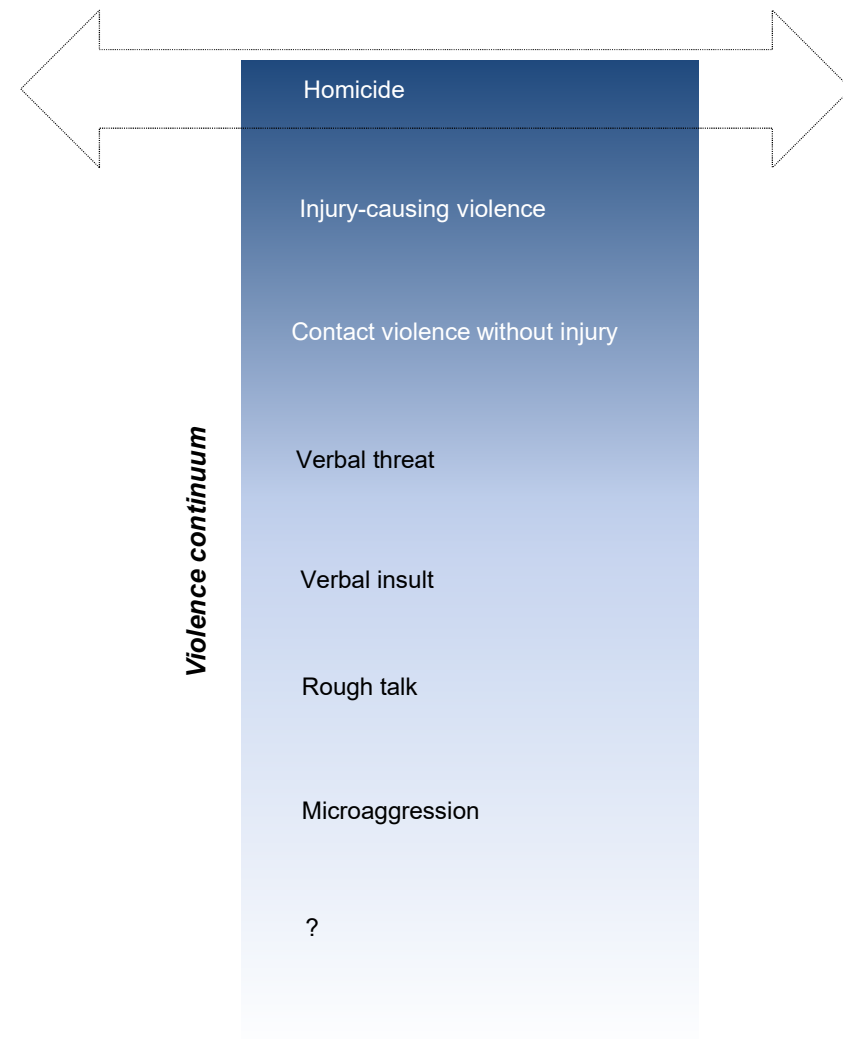
Critics: prof. **Manuel Eisner**, University of Cambridge and prof. **Marieke Liem**,
University of Leiden

European Society of Criminology annual conference, Florence, 7 Sep
2023



Historicity in violence research

- Violence can be seen as a continuum from homicide to the "lower boundary"
- Homicide as methodological **enabler**: enables long duration analysis of violence
 - This is the topic of *Nordic Homicide in Deep Time*
- The lower boundary as **topic**: the cultural relativity of violence perception
 - See the paper Tanskanen et al. "Increasing sensitivity to violence and its association with self-reported victimization", Thu, September 7, 2:00 to 3:15pm, Auditorio Fuligno, Floor: ground floor, Fuligno 2



Materials

- *Nordic Homicide in Deep Time (Open access book)*
 - <https://hup.fi/site/books/m/10.33134/HUP-15/>
- Historical Homicide Monitor 2.0 coding manual
 - <https://helda.helsinki.fi/handle/10138/313437>
- Historical Homicide Monitor –web page
 - <https://blogs.helsinki.fi/historicalhomicidemonitor/>



Aims

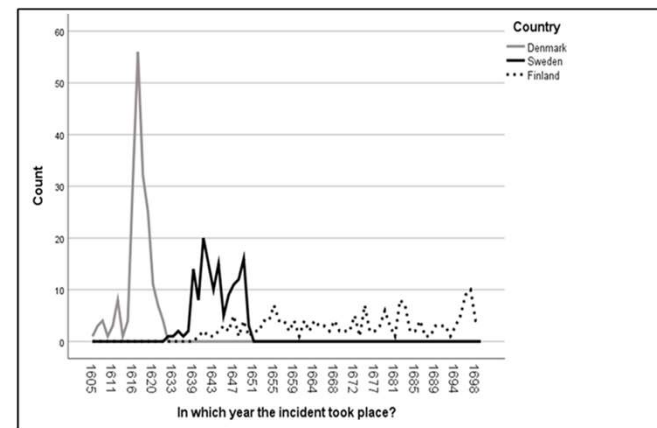
- Substantial aims: to study homicide over the long duration in a theory relevant and comparative manner
 - To extend the European Homicide Monitor compatible studies backwards in time
 - To compare early modern (17th century) homicide with modern homicide
- Methodological aims: to develop an instrument for the above-mentioned purpose. It needed to be:
 - Standardized,
 - Allowing flexible **disaggregation** (individual-level), and
 - European Homicide Monitor compatible (EHM data structure, variable linkage and homicide definition stressing intentional violence and death as outcome)
- To build cooperation between criminology and history
- Testing ground: Nordic countries (but aiming at wider applications)

Nordic HHM pilot

- Regional analysis in early modern era
- Court protocols as source
- Denmark 1608-22, Sweden 1640-50, Finland 1649-1699
- Iceland only 1900-1989
- Based on data availability & feasibility as judged by historians
- Comparison with modern homicide in the same regions: EHM-coded data from 2007-2016

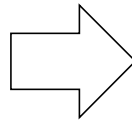
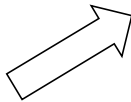
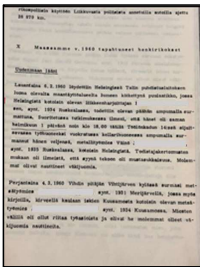
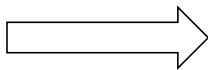
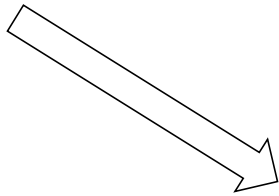


Geographical and time focus of the NHPP datasets from the 17th century.



Data of the pilot project (focus on 17th century, not full standardization achieved)

Transformation text>numeric



| DATECOM | YEARCOM | SEASON | MONTH | WDAY |
|------------|---------|--------|-------|------|
| - | 1635 | 999 | 999 | - |
| 06.01.1639 | 1639 | 1 | 1 | 7 |
| 06.01.1639 | 1639 | 1 | 1 | 7 |
| 07.11.1641 | 1641 | 4 | 11 | 7 |
| 07.11.1641 | 1641 | 4 | 11 | 7 |
| 12.12.1641 | 1641 | 1 | 12 | 7 |
| 12.12.1641 | 1641 | 1 | 12 | 7 |
| 12.12.1641 | 1641 | 1 | 12 | 7 |
| 17.08.1641 | 1641 | 3 | 8 | 2 |
| 17.08.1641 | 1641 | 3 | 8 | 2 |
| 17.08.1641 | 1641 | 3 | 8 | 2 |
| 30.04.1642 | 1642 | 2 | 4 | 6 |
| 30.04.1642 | 1642 | 2 | 4 | 6 |

1600

1900

Validity – threats and strengths in the analysis of 17th century court protocols (selected points)

- Threats
 - Social inclusion in the sources
 - Sources not made for research (court focus on blame, not causation in early modern period)
 - See the book, section "**why it is difficult**"
- Strengths
 - Victim reports (slow death)
 - Incentives to report and process
 - See the book, section "**why it can be done**"

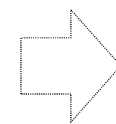
Theory

- Metatheory
 - Feasibility of long duration research; human universals
- Research theory
 - Explaining variation

Metatheory:
 Daly M & Wilson M (1988). *Homicide: foundations of human behaviour*. Taylor & Francis, New York.
 Eisner M (2011). Human Evolution, history and violence. *British Journal of Criminology* 51:3.
 Roth, R (2011). Biology and the deep history of homicide. *British Journal of Criminology* 51:3
 Sznycer D & Patrick C (2020). The Origins of Criminal Law. *Nature Human Behaviour* 4, 506–516

Research theory
 Kivivuori, J. & Savolainen, J. & Danielsson, P. (2012). Theory and Explanation in Contemporary European Homicide Research. In Marieke C. A. Liem & William Alex Pridemore (eds). *Handbook of European Homicide Research. Patterns, Explanations, and Country Studies*. Springer, New York, pp. 95–110.

Kivivuori, J. & Suonpää, K. & Lehti, M. (2014). Patterns and Theories of European homicide Research. *European Journal of Criminology* 11:5, 530-531.



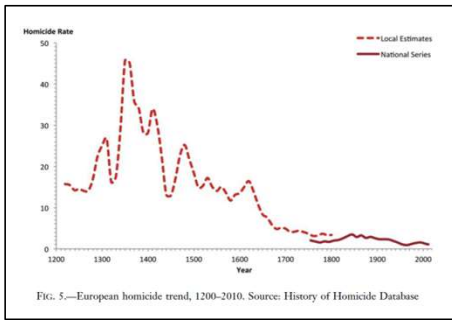
HHM 2.0 Manual operationalization:

Table 2 Links of Historical Homicide Monitor variables to criminological theories. Note that the same variables can attach to multiple theories.*

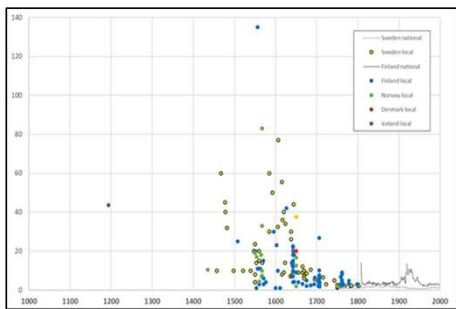
| | |
|--|---|
| Civilizing & control theory <i>(Elias 2017 a and b [1939])</i> | PARTY NVPARTY URBANRURAL MODUS SHARP CIVIL GOVE CRIM FUGIT LITERACY PREMEDIT MSTATE MVIGIL MOTCEC MOTORIM AREA ESCAPE |
| Self-control theory <i>(Gottfredson and Hirschi 1990)</i> | LITERACY PREMEDIT PERSONALITY |
| Routine activity theory <i>(Cohen and Felson 1979; Brantingham and Brantingham 1995)</i> | FUNCCONT FUNCOPEN CRIMESCENE DATECOM SEASON MONTH WDAY PUBHOL MODUS SHARP DRINK DRUG RELAT TYPEHOM URBANRURAL |
| Structural strain theory <i>(Merton 1938)</i> | BIRTHCOUNTRY CIVIL HOUSESIT OCCUPATION1 OCCUPATION2 ISCO ISCODER RANK RANKOPEN EDUC |
| General strain theory <i>(Agnew 1992)</i> | VICVIOL CIVIL ISCODER DRINK DRUG VIOLENTHISTORY |
| Learning theory <i>(Nisbett and Cohen 1996; Akers 1998)</i> | INSTIG MREVENGE MHONOUR MOTHAT MJEALOUSY MSEPARATION MSEXCON MOTSEX MPOL MSORCERY MVICAR MCOPY NEUTR |
| Deterrence & rational choice <i>(Beccaria 2007 [1764])</i> | SOLVED SUSPECT PREMEDIT MREVENGE MDEFPRO MKINDEF YEARREP TIMEDISC TIMARRESTED POLICEREP WITNESS COMP PROS SANCYEAR SENT SANC2 LENGTHSENTENCE ESCAPE |
| Evolutionary perspectives <i>(Daly and Wilson 1988)</i> | RELAT TYPEHOM MREVENGE MDEFPRO MKINDEF MJEALOUSY MSEPARATION MSEXCON MOTSEX MOTALT |
| Social Interactionism <i>(Felson and Tedeschi 1993)</i> | [Compliance] MDEFPRO MOTCEC MDRUG MOTSEX MOTCRIM MVICAR [Grievance] MREVENGE MSTATE MVIGIL MPOL MJEALOUSY MSEPARATION MSORCERY [Identity.] MHONOUR MKINDEF MSEXCON MOTHAT MOTTHR MOTALT MCOPY |
| Gender perspectives <i>(Corradi et al. 2016)</i> | [All three basic categories.] MAINMOT RELAT TYPEHOM MJEALOUSY MSEPARATION MSEXCON MOTHAT MOTSEX |
| Forensic & public health perspective <i>(Krug et al. 2002)</i> | MODUS SHARP WOUND NRSTABS TYPEFIREARM ALCOHOLIC DRUGADD PSYCH PSYCHOPEN VIOLENTHISTORY MOTMEN TIMEDEATH VICDECEASED SUICIDE SUICIDETIME OTHCRIM |
| Resistance perspective <i>(Maruna 2001; Liem 2013)</i> | VIOLENTHISTORY PRETHREATS RECID1 RECID2 RECID3 |

* This table shows selected variables with theoretical relevance. Some variables such as INFANT, AGE and GENDER are not linked to any particular theory. Variables in *italics* are new HHM variables without parallels in EHM.

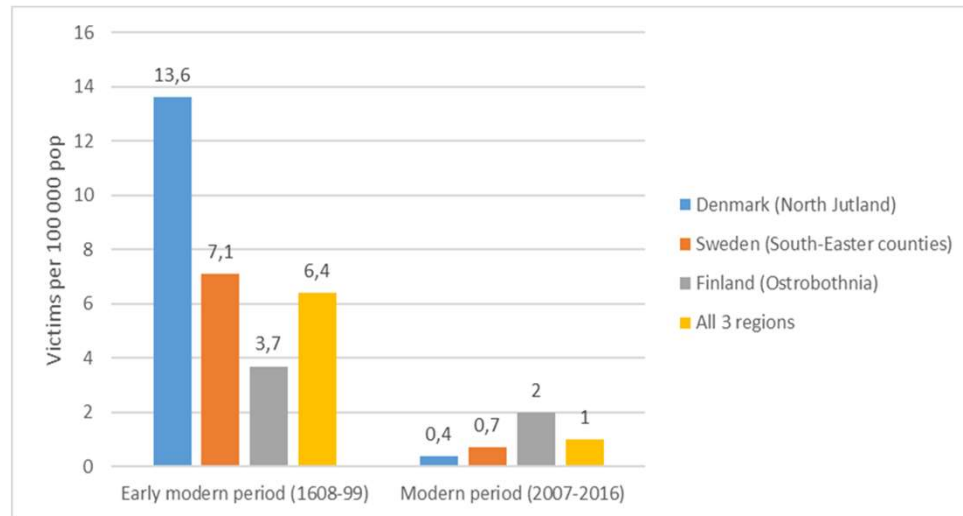
Homicide rates in study regions



Prior research: Europe (Eisner 2014)

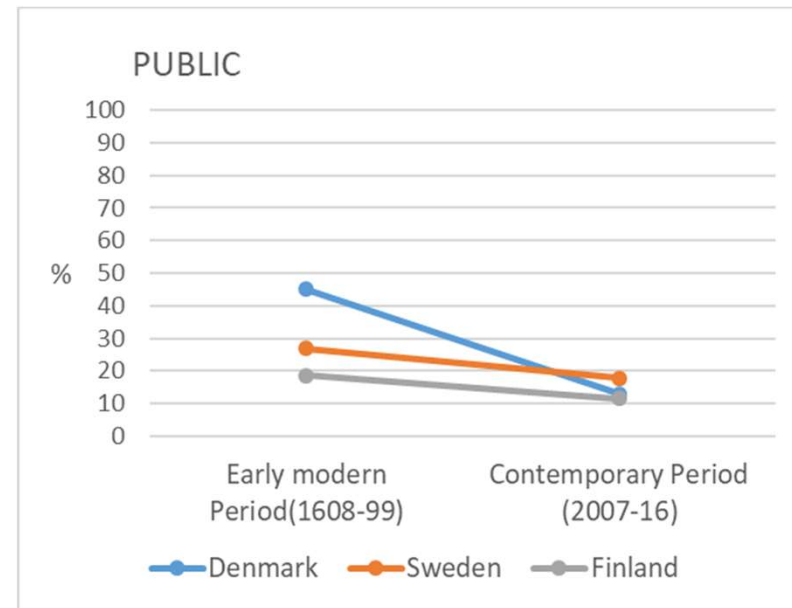
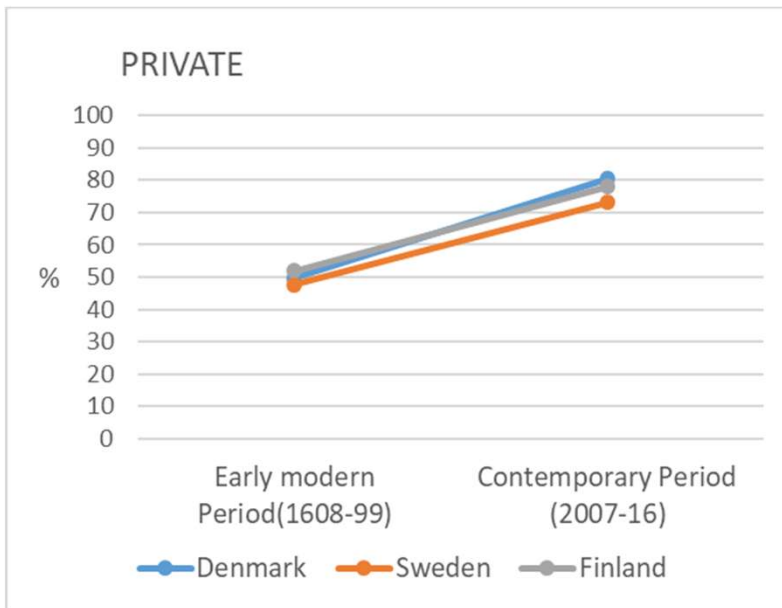


Prior research: local studies and national series in Nordic countries (Kivivuori et al. 2022)

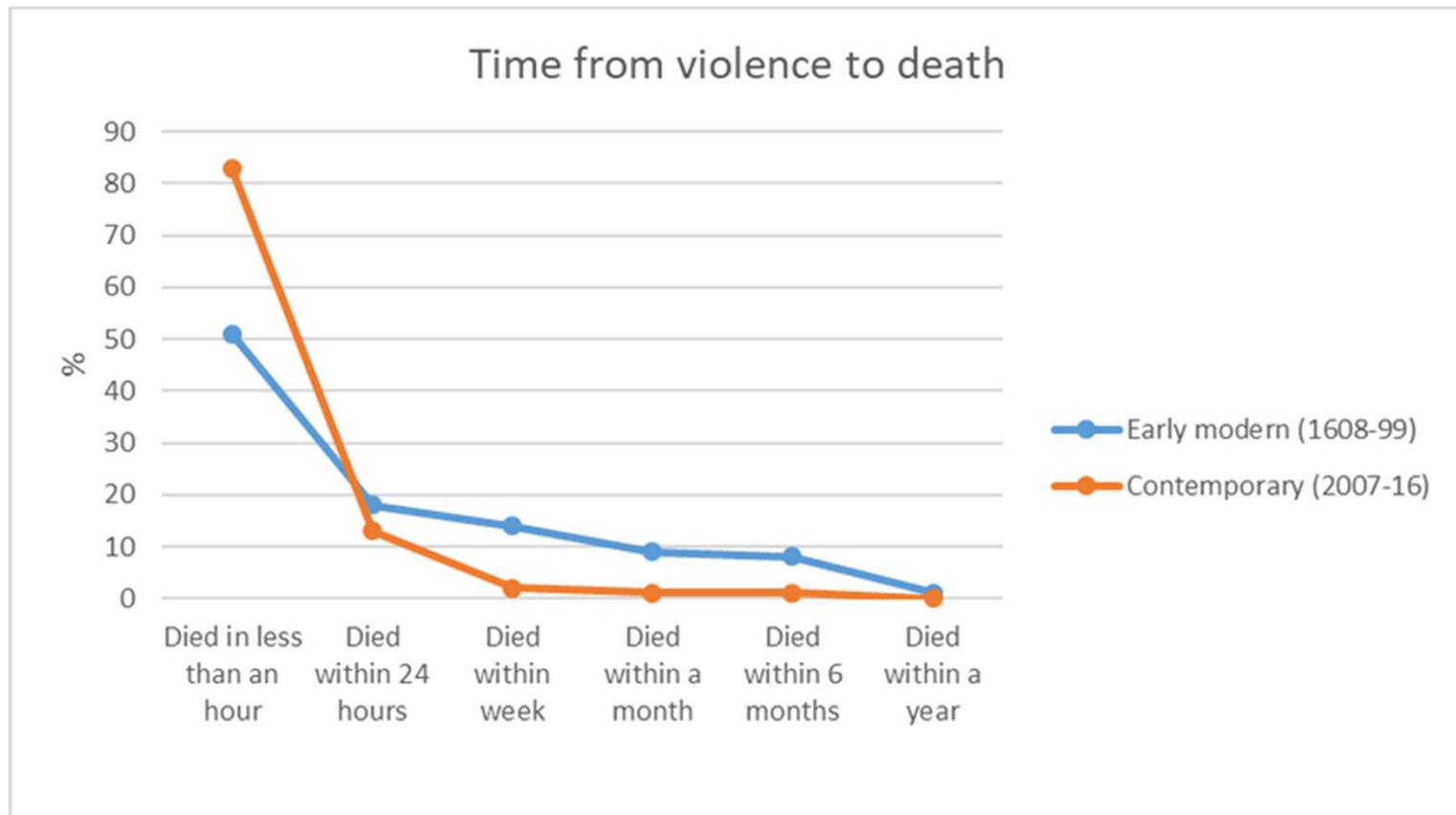


Nordic Homicide in Deep Time: Homicide rates per 100 000 population in the study regions. Source: Kivivuori ym. 2022

Descriptive results (example: place, long term)



Descriptive results (example: time from violence to death, long term)



Descriptive results (example: comparative homicide peak research, short term)

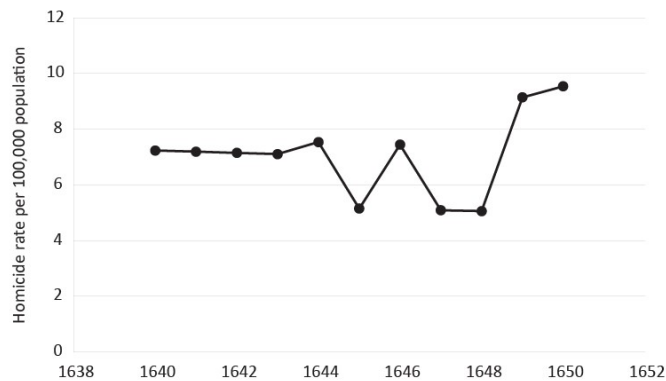


Figure 5.3: Homicide rate in south-eastern Sweden in 1640–1650.

”Demobilization peak” (Sweden)

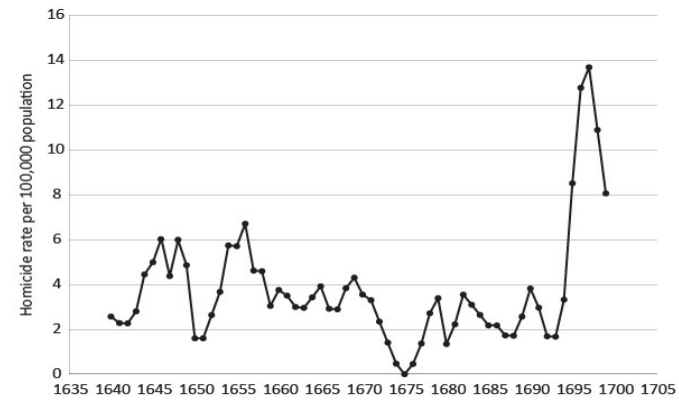


Figure 5.5: Homicide rate in the province of Ostrobothnia, Finland, 1640–1699.

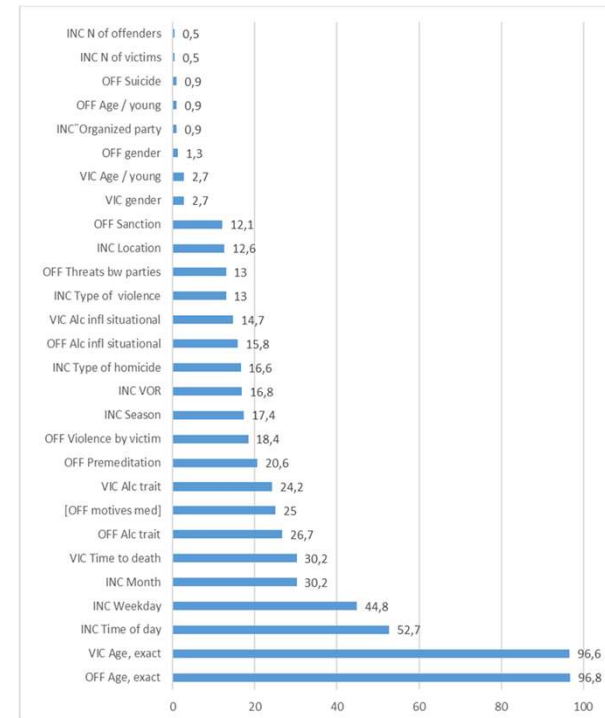
”Famine peak” (Finland)

Summing up (substantial findings)

- Long duration individual-level study is feasible
- Long-term change from early modern to modern homicide:
 - Marginalization
 - Privatization
 - 'Intimization' (near-zero IPH in early modern village communities)
 - 'Substance-abusization'
- Short-term peaks: routine activity disturbances & state control/legitimacy 'voids'
- Stability: anchored to routine activities (time cycles, crime generators & attractors)
- Explanations should likely combine nomothetic and idiographic components
 - Nomothetic: central state control consolidation, routine activities
 - Idiographic: local setbacks in control and legitimacy

Summing up (method)

- Missing data a major problem
- Too many variables: we need a short version close to the EHM core variables model
- In the future:
 - Automatic text recognition programmes
 - Natural language processing?
- More attention to coding reliability
- More data from intervening periods & other locations
- Comparative homicide peak research (why they end > criminal policy relevance)
- Predictors?
- Compared to what?
- Wider cooperation in violence research (criminology, history, economics, medicine, bioarchaeology...)
- Individual-level analysis



Missing data % by variable, Nordic countries 1605-98.
Selection of variables. Observation unit indicated (incident / victim / offender)

Selected literature

- Eisner, Manuel (2014). From Swords to Words: Does Macro-Level Change in Self-Control Predict Long-Term Variation in Levels of Homicide? *Crime and Justice* 2014 43:, 65-134.
- Granath, S. & Hagstedt, J. & Kivivuori, J. & Lehti, M. & Ganpat, S. & Liem, M. & Nieuwbeerta, P. (2011). Homicide in Finland, the Netherlands and Sweden. A First Study on the European Homicide Monitor Data. Swedish Council for Crime Prevention, Research Report 2011:5, Stockholm.
- Kivivuori, J. (2014). Understanding Trends in Personal Violence. In Michael Tonry (ed): *Why Crime Rates Fall, and Why they Don't*. *Crime and Justice*, Volume 43. University of Chicago Press, Chicago.
- Kivivuori J & Rautelin, M & Bergsdóttir, GS & Granath S & Jónasson, JO & Karonen P, Koskivirta A & Lehti, M & Netterstrøm, J B & Okholm, M M (2020). Historical Homicide Monitor 2.0. General Instructions and Coding Manual. Research Briefs 40/2020. Helsinki: University of Helsinki, Institute of Criminology and Legal Policy. <http://urn.fi/URN:ISBN:978-951-51-0673-5>
- Kivivuori J & Rautelin M & Netterstrøm J B & Lindström D & Guðbjörg S. Bergsdóttir GS & Jónasson JO & Lehti M & Granath S & Okholm M & Karonen P (2022). *Nordic Homicide in Deep Time. Lethal Violence in the Early Modern and Present Times*. Helsinki University Press, Helsinki. Helsinki University Press, Helsinki. OA at <https://hup.fi/site/books/m/10.33134/HUP-15/>
- Lynch, J. P. & Addington, L. A. (2015). Crime Trends and the Elasticity of Evil: Has a Broadening View of Violence Affected Our Statistical Indicators? *Crime and Justice* 44:1, 297-331.
- Suonpää, K., Kivivuori, J., Aarten, P., Ahven, A., Granath, S., Markwalder, N., Skott, S., Thomsen, A. H., Walser, S., & Liem, M. (2022). Homicide drop in seven European countries: General or specific across countries and crime types? *European Journal of Criminology*, <https://doi.org/10.1177/14773708221103799>

Thanks!

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