

BIGDATPOL

Towards an evidence-based model for big data policing

MISSION

The BIGDATPOL research programme is developing an **evidence-based big data policing model** that will be tested in several European cities.

This groundbreaking research initiative addresses crucial gaps in the existing study of big data policing and will translate it into a European context. The research results will be compatible with modern EU regulations such as the AI act.

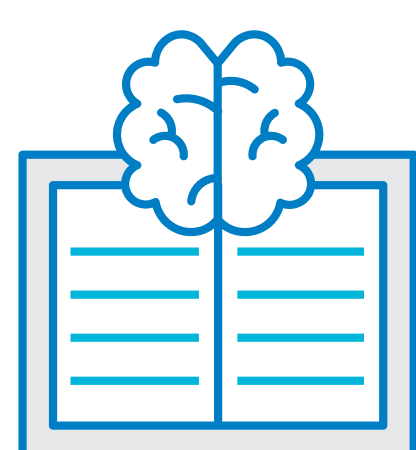
Knowledge and expertise in this field are currently dispersed, hindering the development of effective law enforcement strategies. Interdisciplinary research is essential for a comprehensive understanding of this complex topic, spanning statistical-methodological, criminological, legal, economic, and ethical dimensions.

OUR APPROACH

We are addressing the gaps in existing initiatives by uniting and integrating the different dimensions of big data policing in a transparent and evidence-based model that will be rigorously tested.

PHASE 1: INVENTORY

- Build an open access **database** of big data policing initiatives
- Set up an international **expert network**
- Develop a **typology** of the existing methods
- Sample relevant cases, and original **data collection**



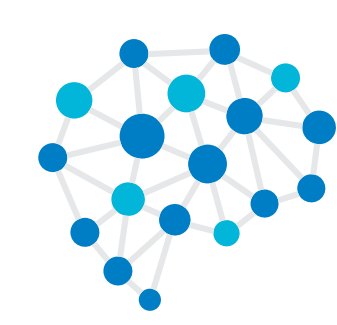
PHASE 2: ANALYSIS

- Track 1 **Statistical-methodological** analysis
- Track 2 **Criminological** and **economic** analysis
- Track 3 **Legal** and **ethical** analysis



PHASE 3: INTEGRATION

- Resulting in an **evidence-based** big data policing model
- Tested by **(quasi-)randomised controlled trials** across various European cities



TEAM LEAD

Prof. Dr. Wim Hardyns



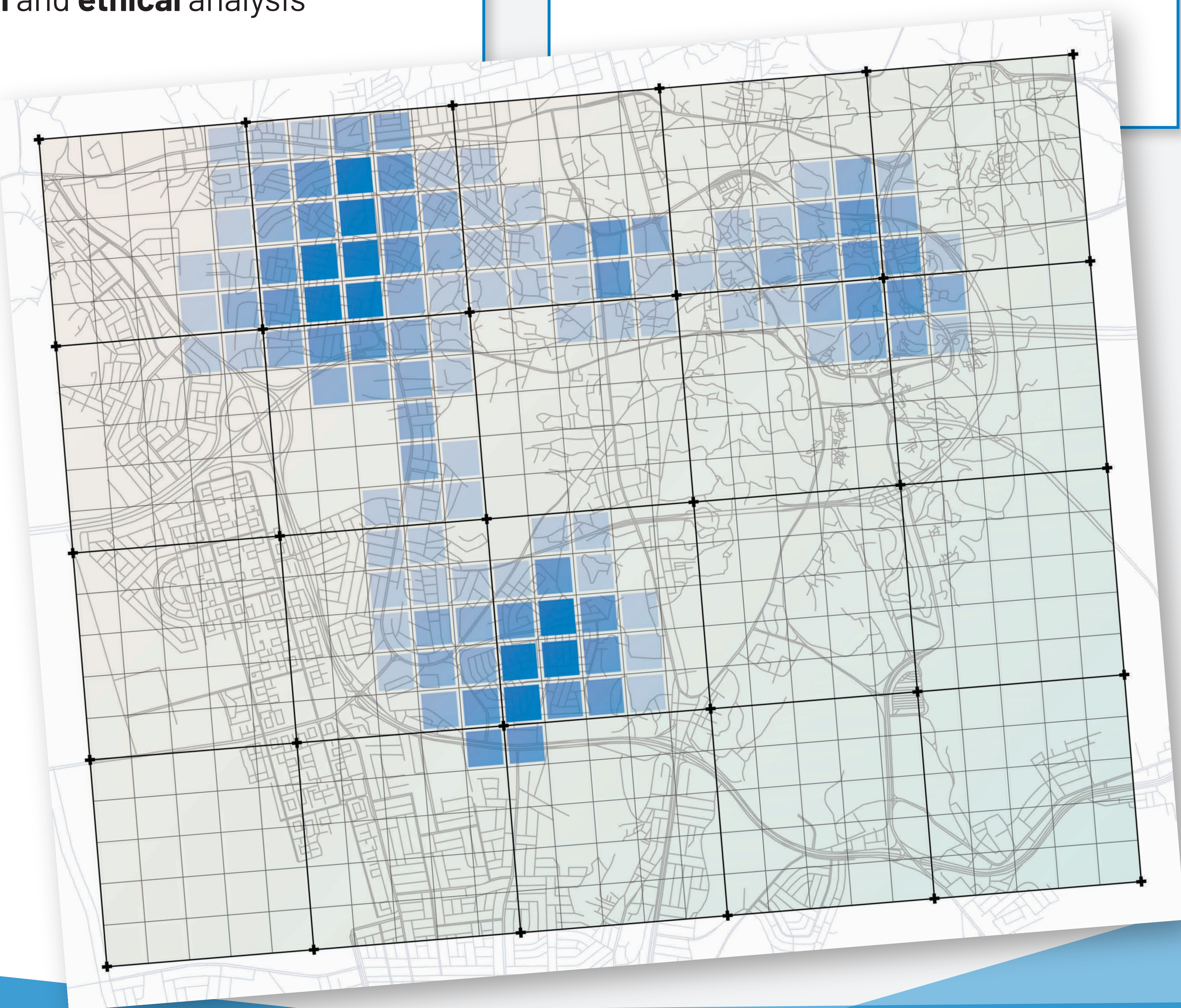
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