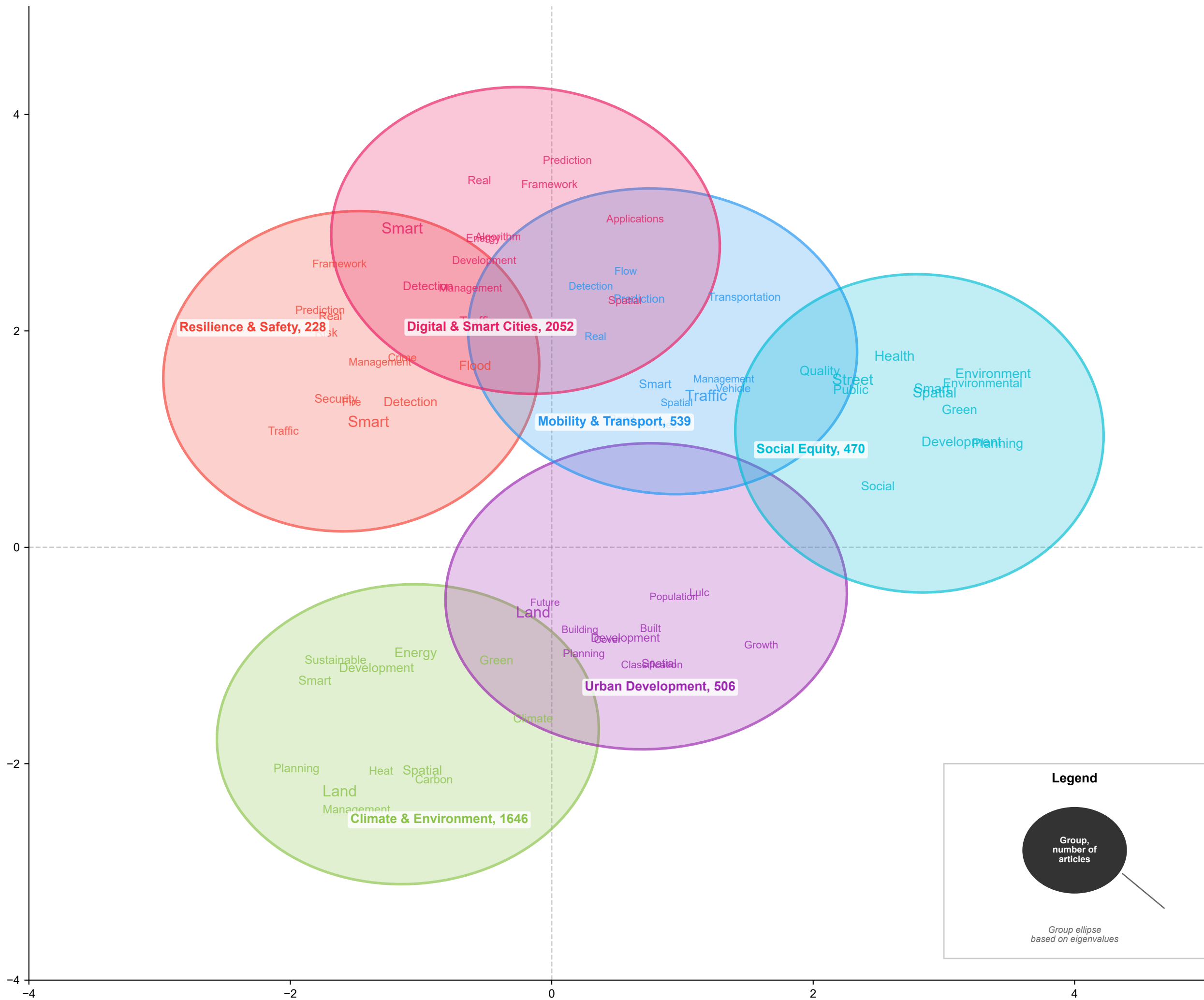


Detrended Correspondence Analysis (DCA) of AI in Urban Studies (n = 5,441 Empirical Articles, 2020-2025)

Cyber-Physical
(IoT, Data
Infrastructure)

Detrended correspondence analysis second axis,
ranging from physical systems to cyber-physical integration



Black-Box Prediction
(Technical Metrics, Algorithmic Sophistication)

Detrended correspondence analysis first axis,
ranging from black-box prediction to interpretable intelligence

Interpretable Intelligence
(Explainability, Policy Relevance)

Physical Systems
(Climate, Land,
Hydrology)