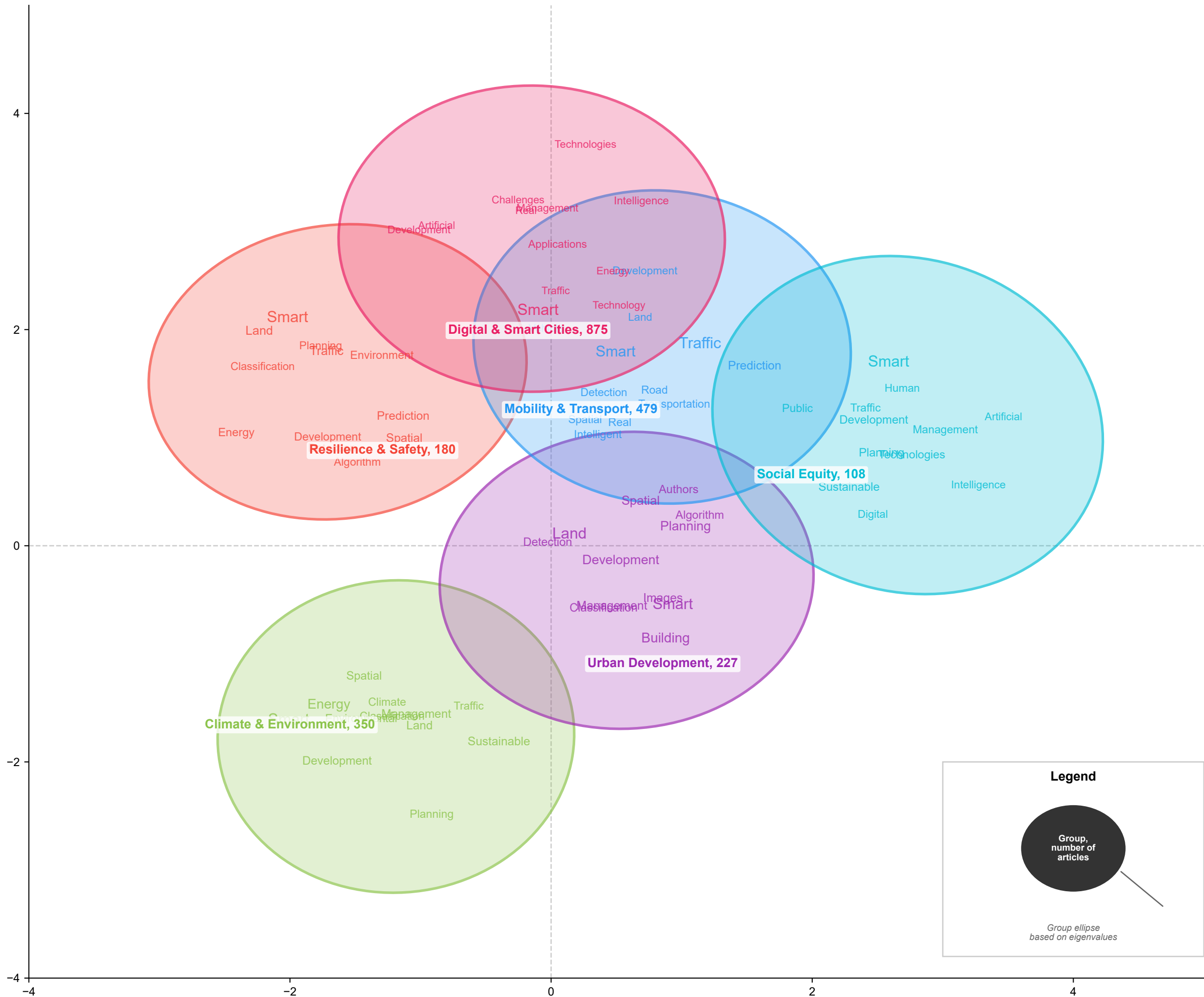


Detrended Correspondence Analysis (DCA) of AI in Urban Studies  
(n = 2,219 Non-Empirical Articles, 2020-2025)

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)