

# Four-quadrant method map (40/60 percentile thresholds; bubble = total frequency)

Current: High ( $\geq P60$ )

text mining

theoretical studies  
statistical analysis

transaction log analysis  
content analysis  
bibliometrics

**Emerging**

large language model

structural equation modeling

machine learning  
network analysis

**Mainstream**

experiment  
patent analysis  
spatio-temporal method

questionnaire  
interview

ethnography/field study

agent-based simulation and modeling  
grounded theory

delphi study

**Marginalized**

case study  
meta analysis  
focus group

**Declining**

observation

qualitative comparative analysis

Past: Low ( $< P40$ )

Past: High ( $\geq P60$ )