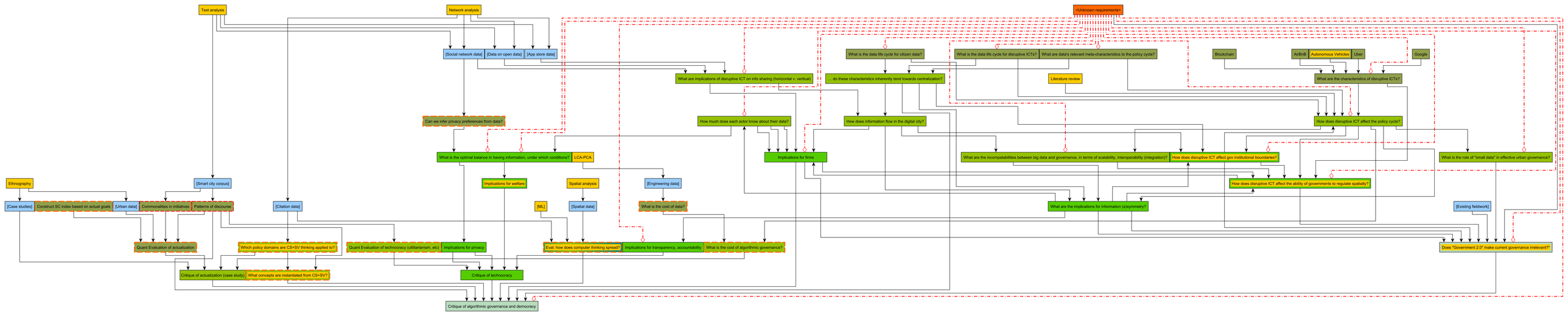
Text analysis
Network analysis
<Unknown requirements>
[Social network data]
[Data on open data]
[App store data]
What are implications of disruptive ICT on info sharing (horizontal v. vertical)
What is the data life cycle for citizen data?
What is the data life cycle for disruptive ICTs?
What are data's relevant meta-characteristics to the policy cycle?
Blockchain
AirBnB
Autonomous Vehicles
Uber
Google
... do these characteristics inherently tend towards centralization?
Literature review
What are the characteristics of disruptive ICTs?
Can we infer privacy preferences from data?
How much does each actor know about their data?
How does information flow in the digital city?
How does disruptive ICT affect the policy cycle?
What is the optimal balance in having information, under which conditions?
LCA-PCA
Implications for firms
What are the incompatabilities between big data and governance, in terms of scalability, interoperability (integration)?
How does disruptive ICT affect gov institutional boundaries?
What is the role of "small data" in effective urban governance?
Ethnography
[Smart city corpus]
Implications for welfare
Spatial analysis
[Engineering data]
How does disruptive ICT affect the ability of governments to regulate spatially?
[Case studies]
Construct SC index based on actual goals
[Urban data]
Commonalities in initiatives
Patterns of discourse
[Citation data]
[ML]
[Spatial data]
What is the cost of data?
What are the implications for information (asymmetry)?
[Existing fieldwork]
Quant Evaluation of actualization
Which policy domains are CS+SV thinking applied to?
Quant Evaluation of technocracy (utilitarianism, etc.)
Implications for privacy
Eval: how does computer thinking spread?
Implications for transparency, accountability
What is the cost of algorithmic governance?
Does "Government 2.0" make current governance irrelevant?
Critique of actualization (case study)
What concepts are instantiated from CS+SV?
Critique of technocracy
Critique of algorithmic governance and democracy