

## Abstract

- Arguments are structures of premises and conclusions that underpin rational reasoning processes.
- Visualisation tools have been developed to support argument analysts and help them to work with arguments.
- Larger argument datasets present problems for the current generation of argument visualization tools.
- We propose a tool for interacting with argument corpora that enable users to explore and understand the reasoning structure of large-scale arguments.

## Visualization Approach

Present large-scale arguments



Radial adjacency layout

Quick navigate of the whole structure

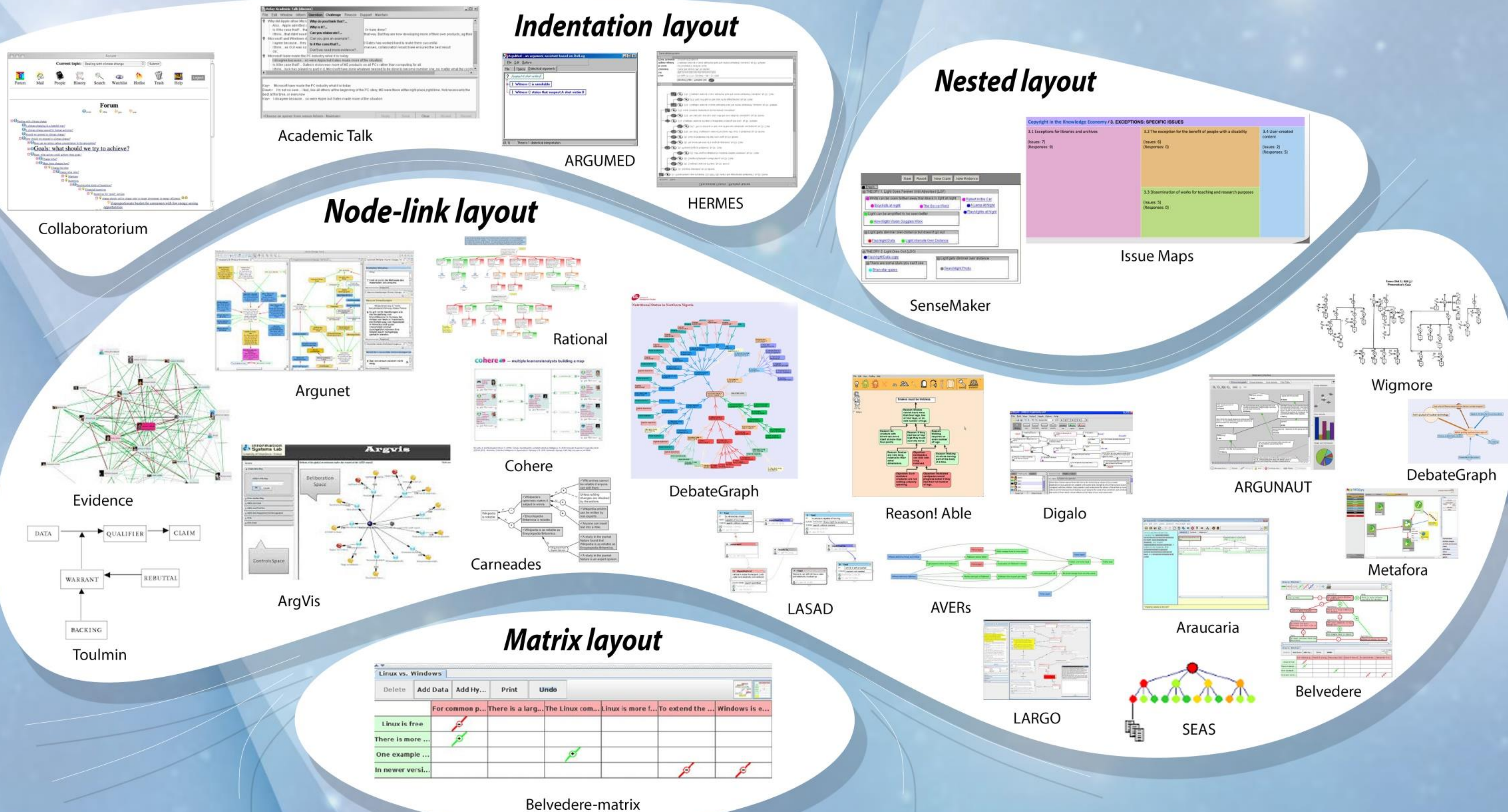


Fisheye technique

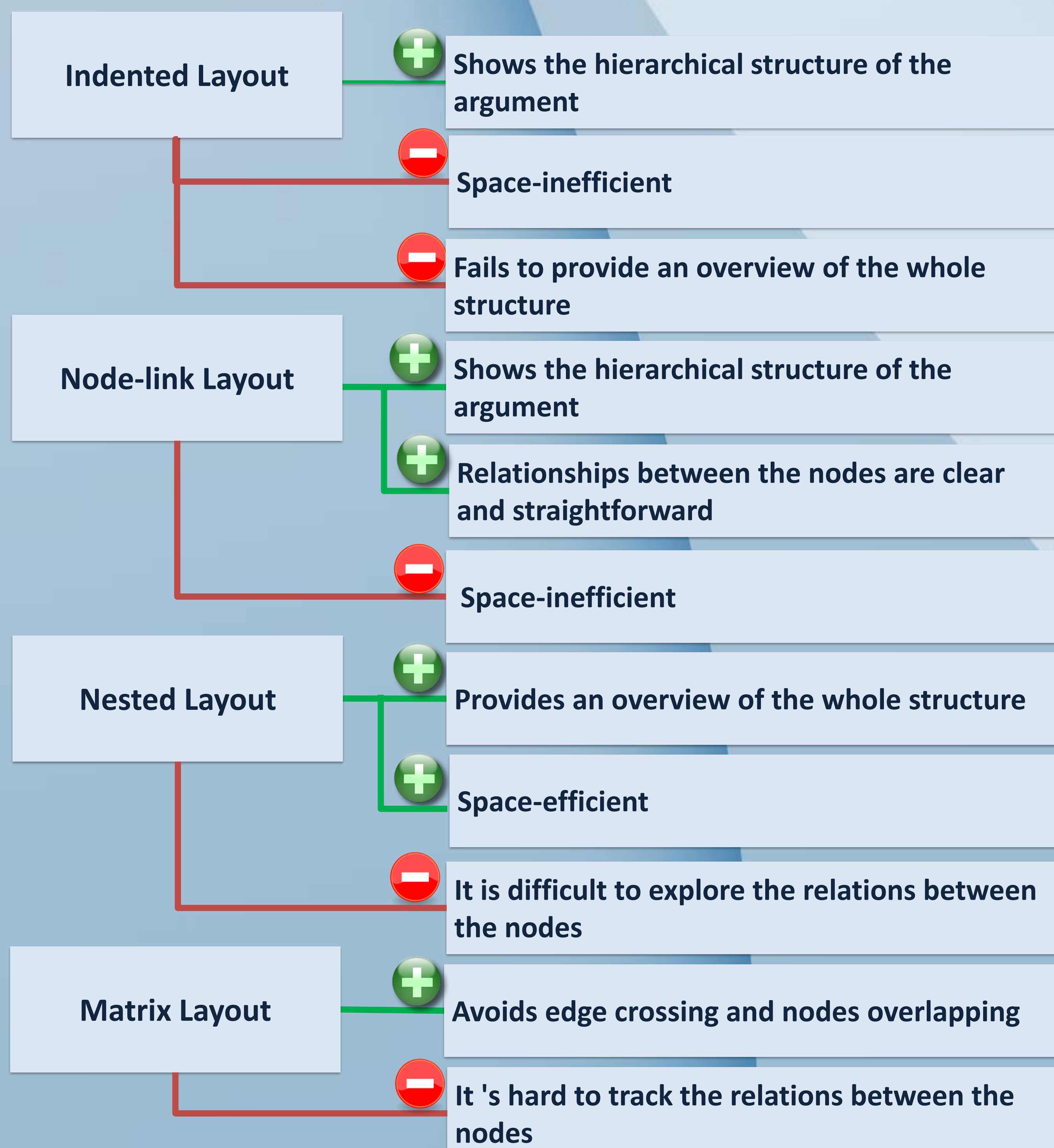
Ability to save and share argument graphs



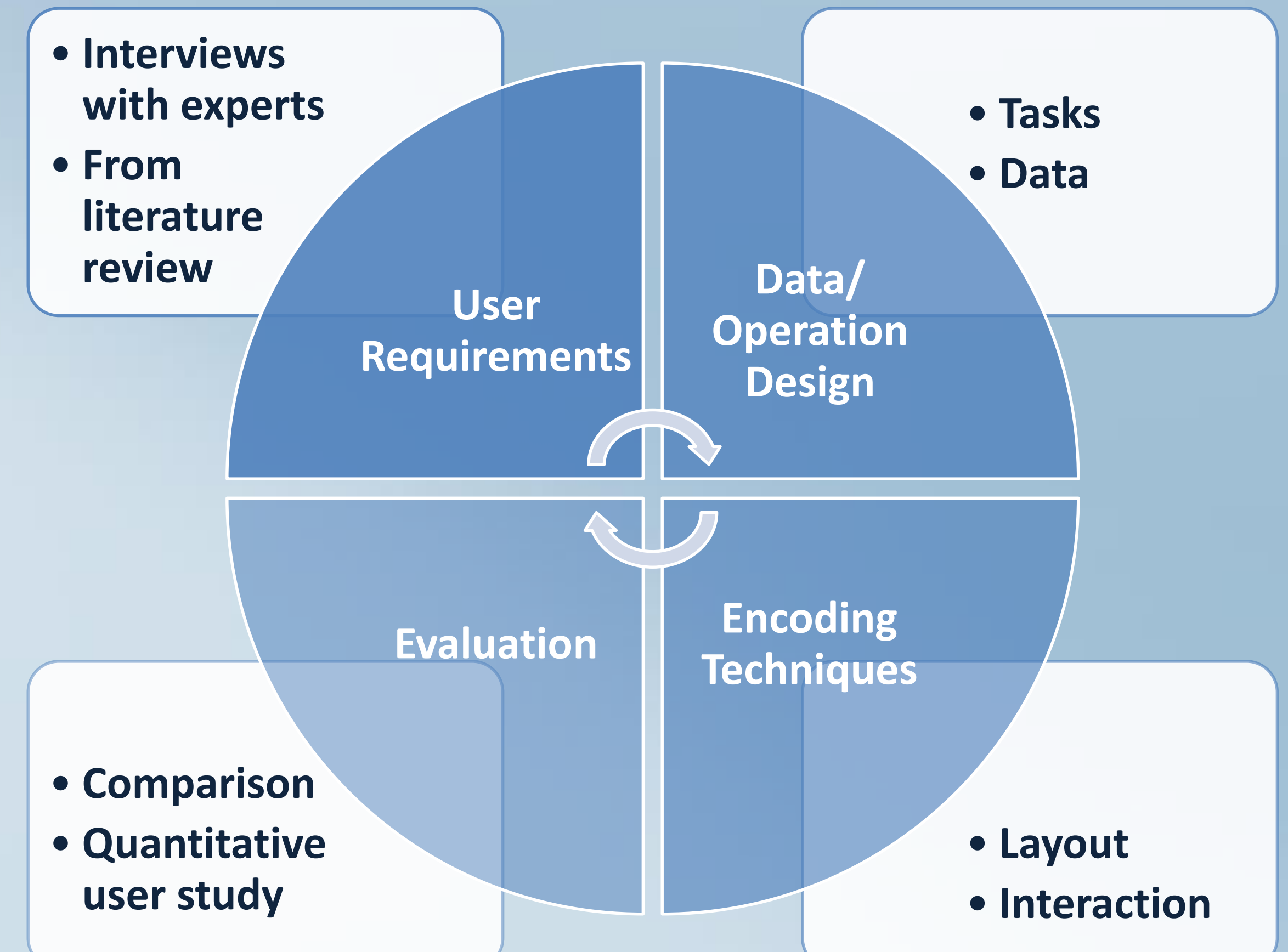
Using D3 and Argument Interchange Format (AIF)



## Argument Visualization Layout



## Methodology



## Conclusion

We propose an argument visualization tool that can usefully handle arguments at increasing scale. This will help stakeholders to reach decisions by enabling them to navigate through arguments, explore logical reasons, and understand relations between arguments. Stakeholders may include policy and health analysts, academics, and employees, etc.