

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 dataset presents 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 of argument



Radial adjacency layout

Quick navigating for the whole structure

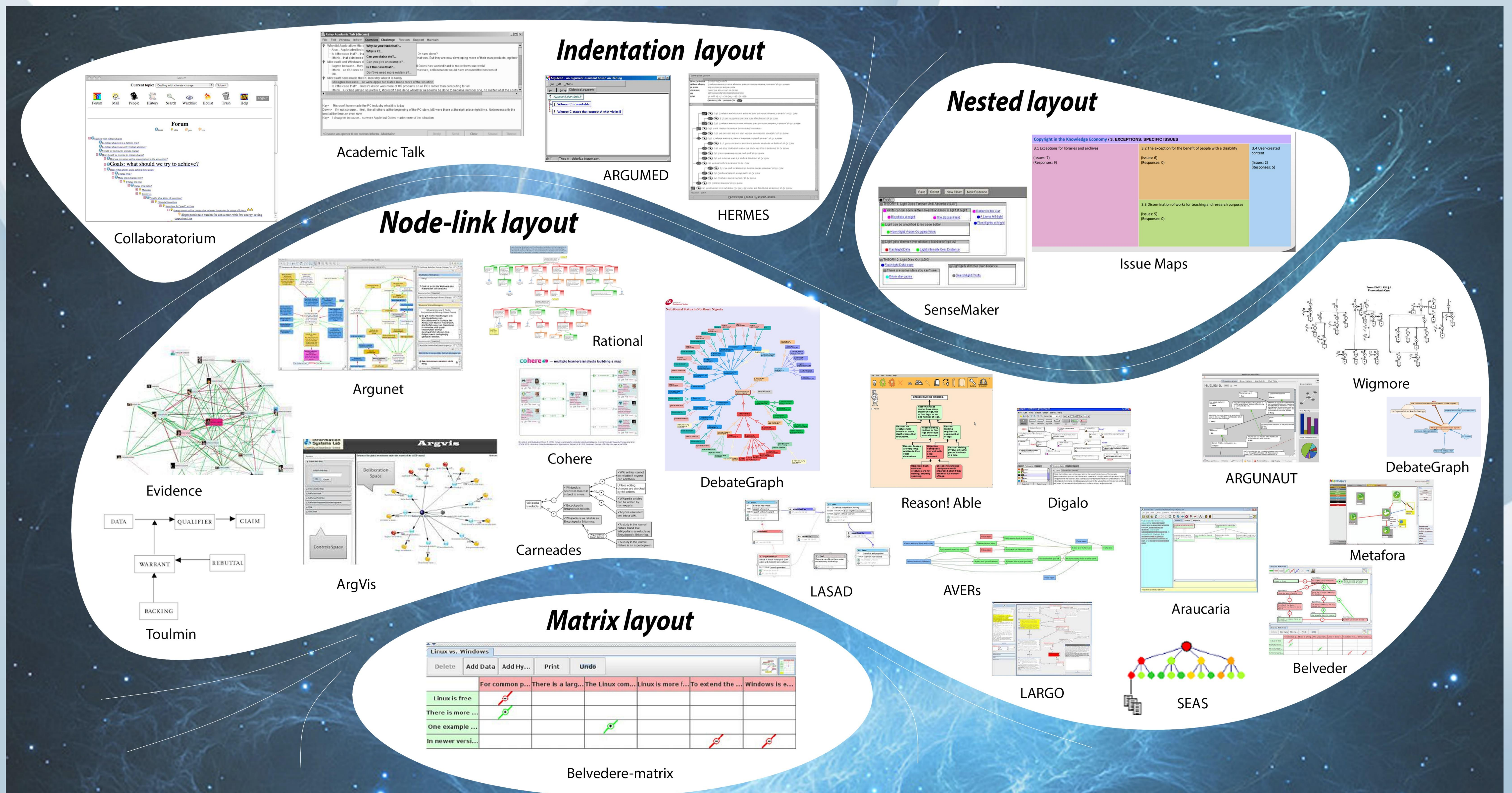


Fisheye technique

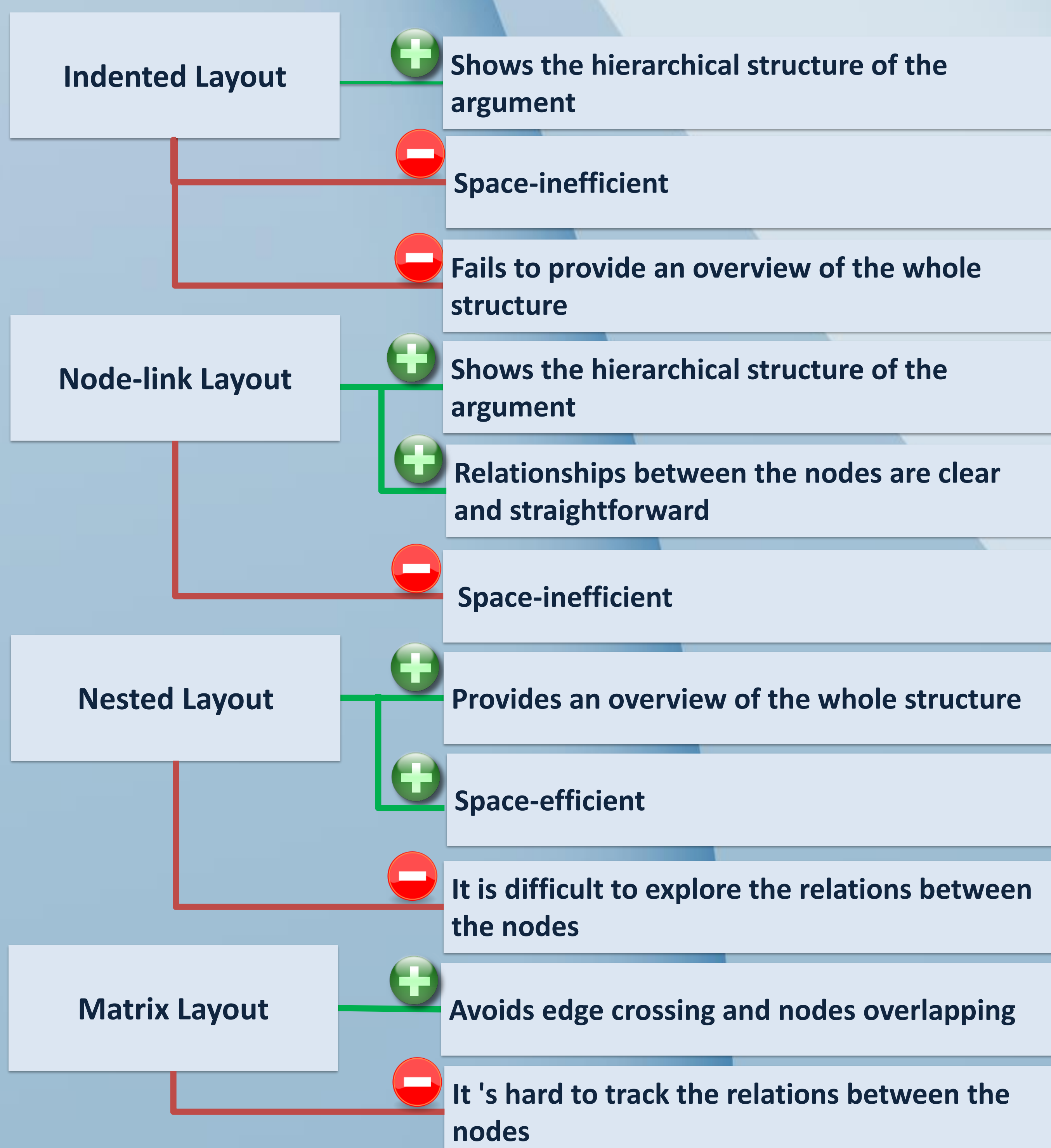
The ability to save and share the argument's graph with others



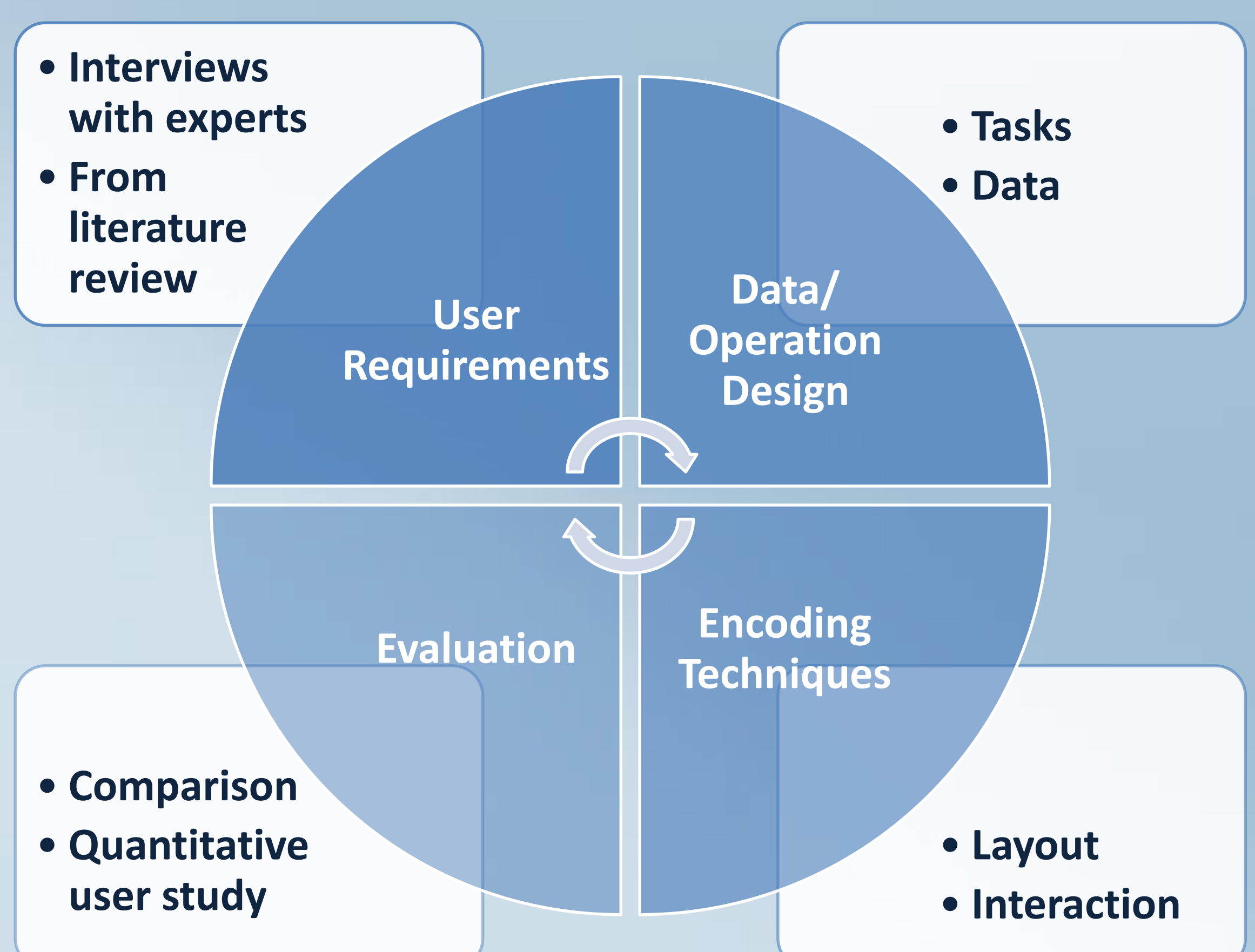
Using D3 and argument international format (AIF)



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.