



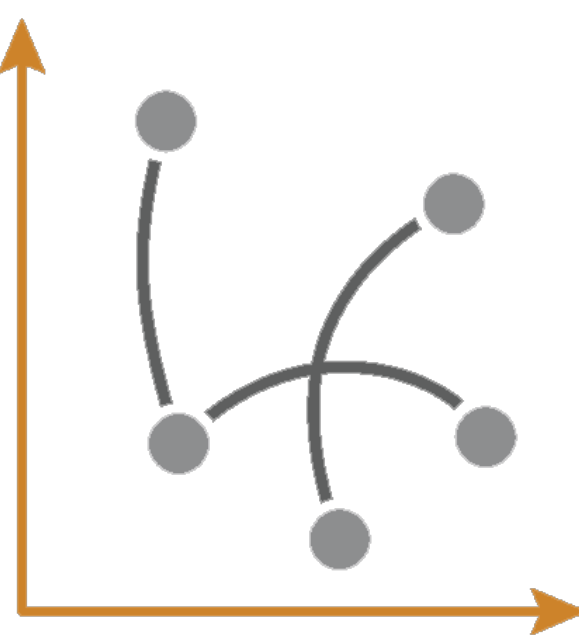
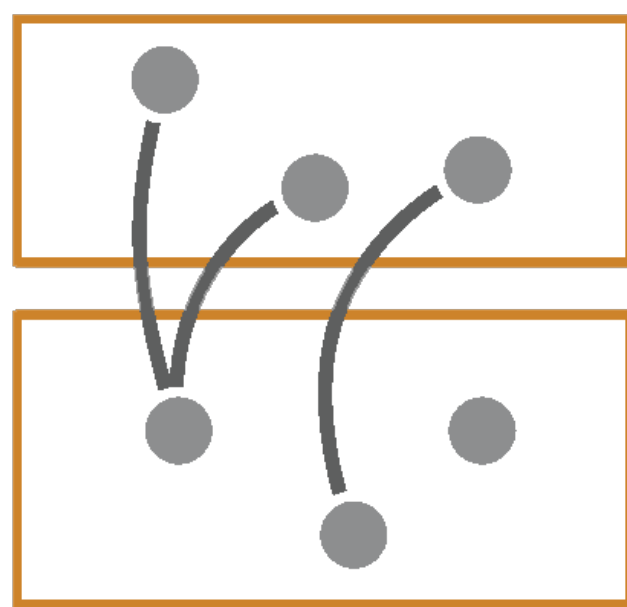
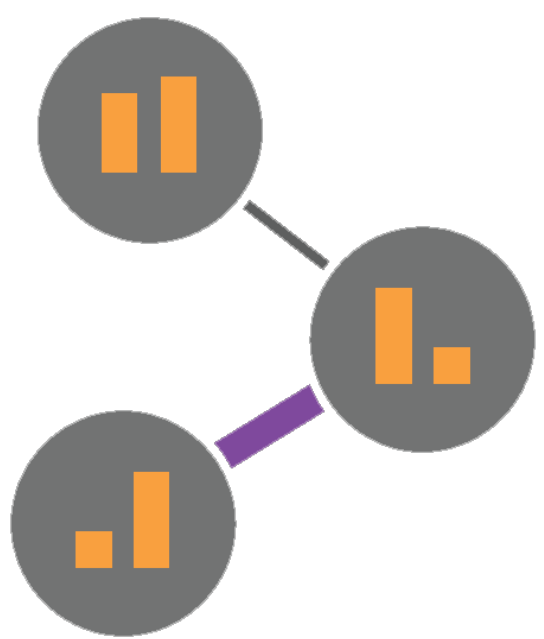
MultiNet: Multivariate Network Visualization

MultiNet is an open source network visualization platform that empowers users to

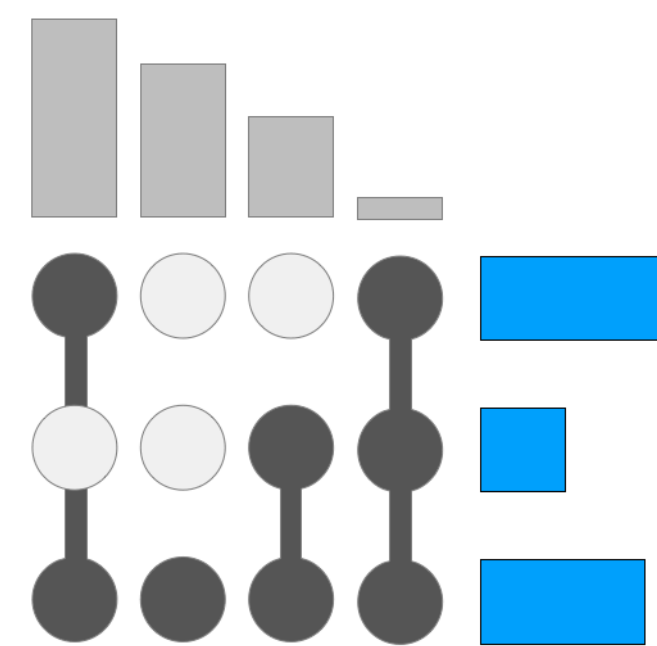
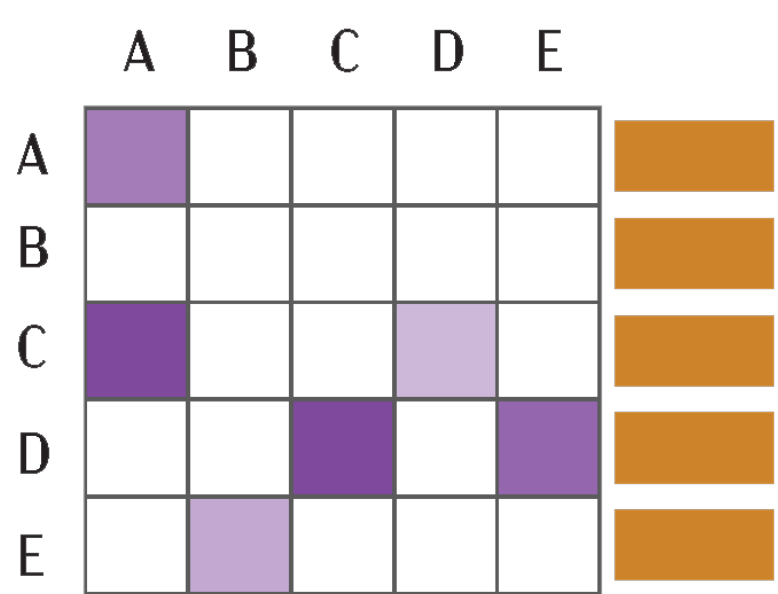
- Upload their own data
- Create interactive network visualizations
- Facilitate collaborative exploration

MultiNet visualizes network topology as well as node and edge attributes

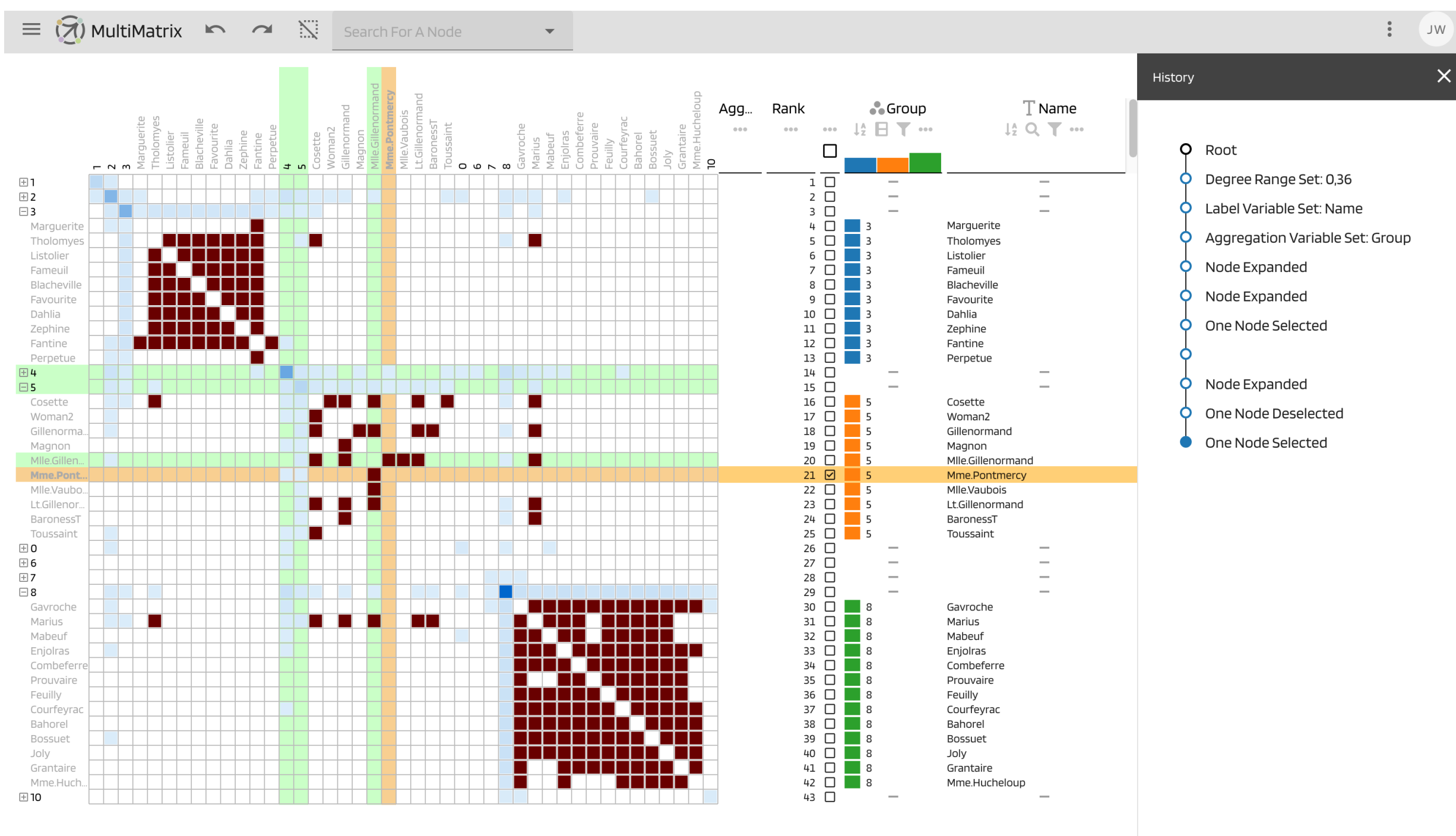
On-Node Encoding Attribute-Driven Faceting Attribute-Driven Layouts



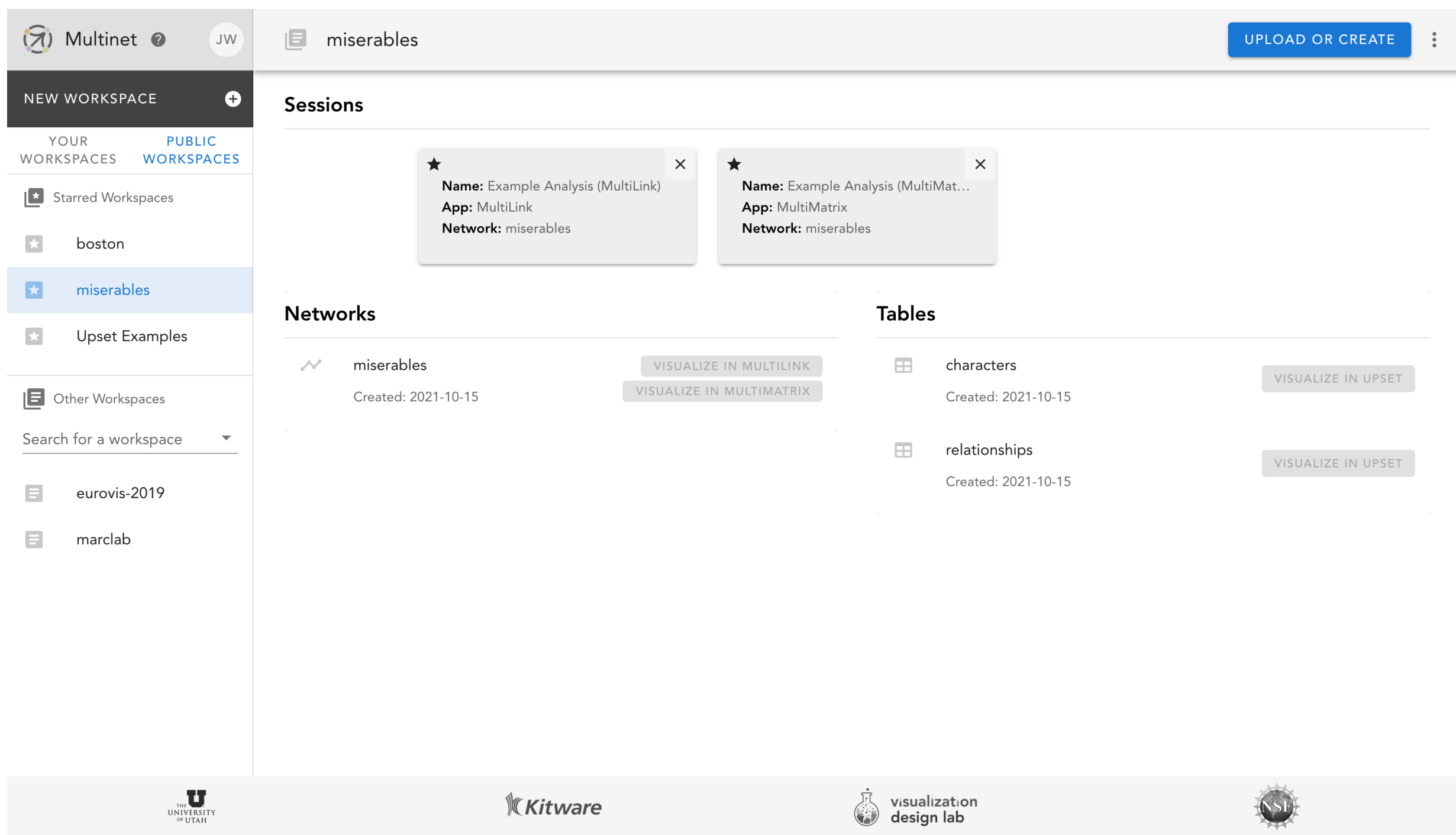
UpSet Set Visualization Adjacency Matrices



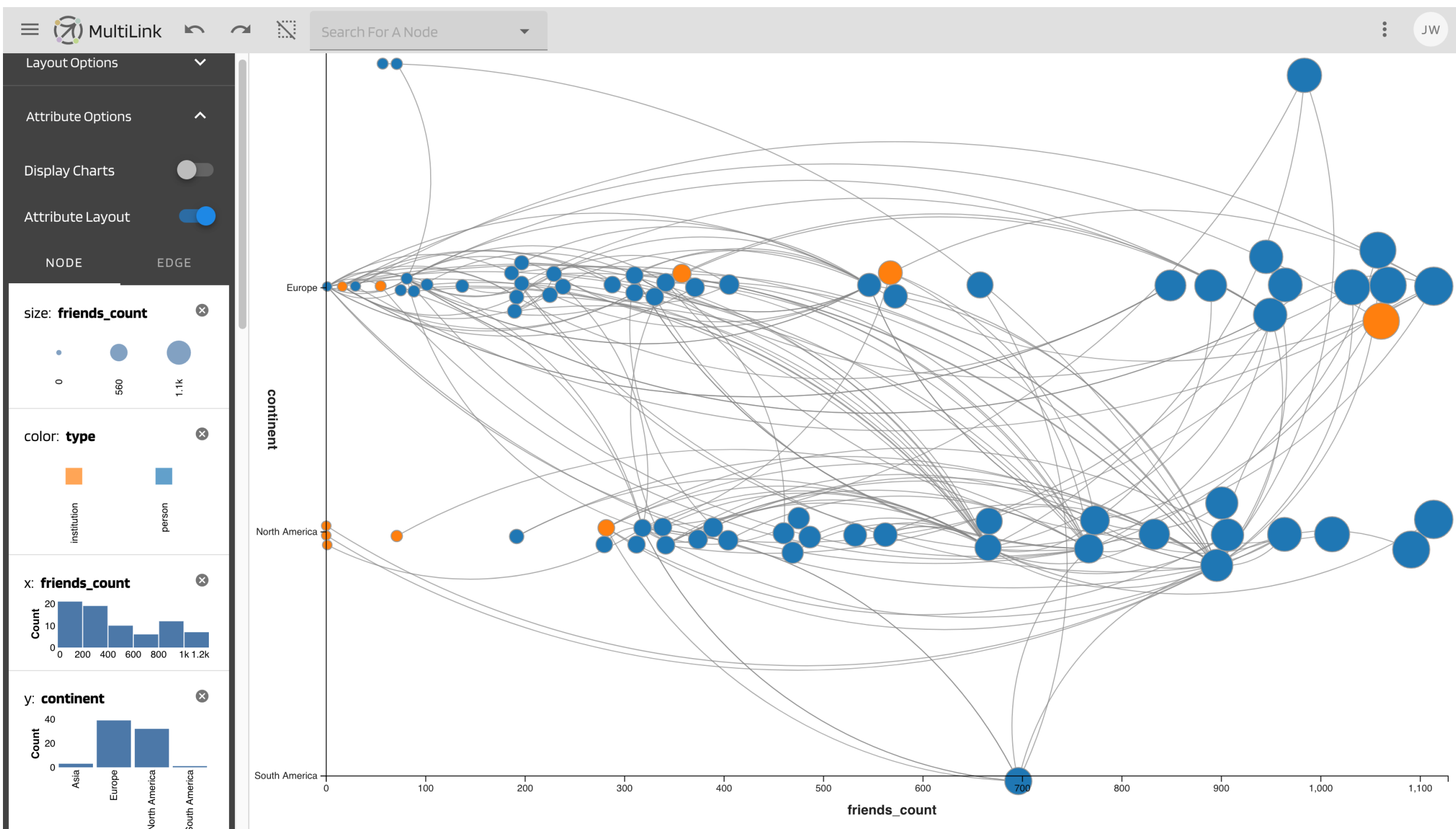
MultiMatrix: adjacency matrix & attributes in a tabular view.



Framework: Sophisticated data management, wrangling, and sharing.



MultiLink: flexible node link diagrams layer out by topology or attributes. Attributes are also encoded on nodes & edges.



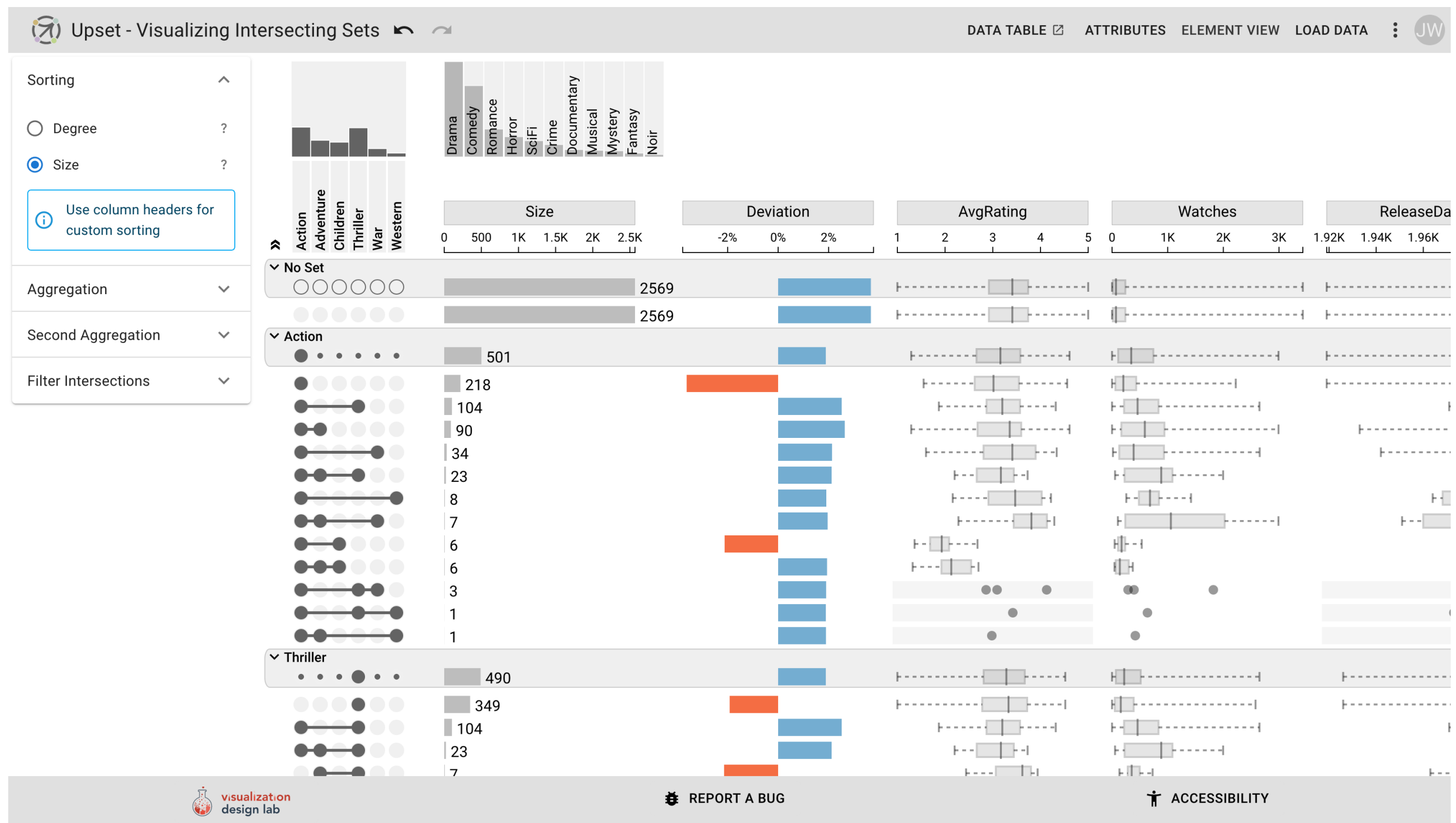
Applications:

MultiNet transcends disciplinary boundaries; we have worked with collaborators in diverse domains, including social network analysis, retinal connectomics, and geology.

We have created bespoke applications to solve specific needs within the evolutionary biology field driving profound insights across a wide spectrum of scientific domains.



UpSet: a scalable approach to visualize set and hypergraph data



visualization
design lab



PIs: Alexander Lex, Miriah Meyer, Bryan Jones, (Luke Harmon)

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