



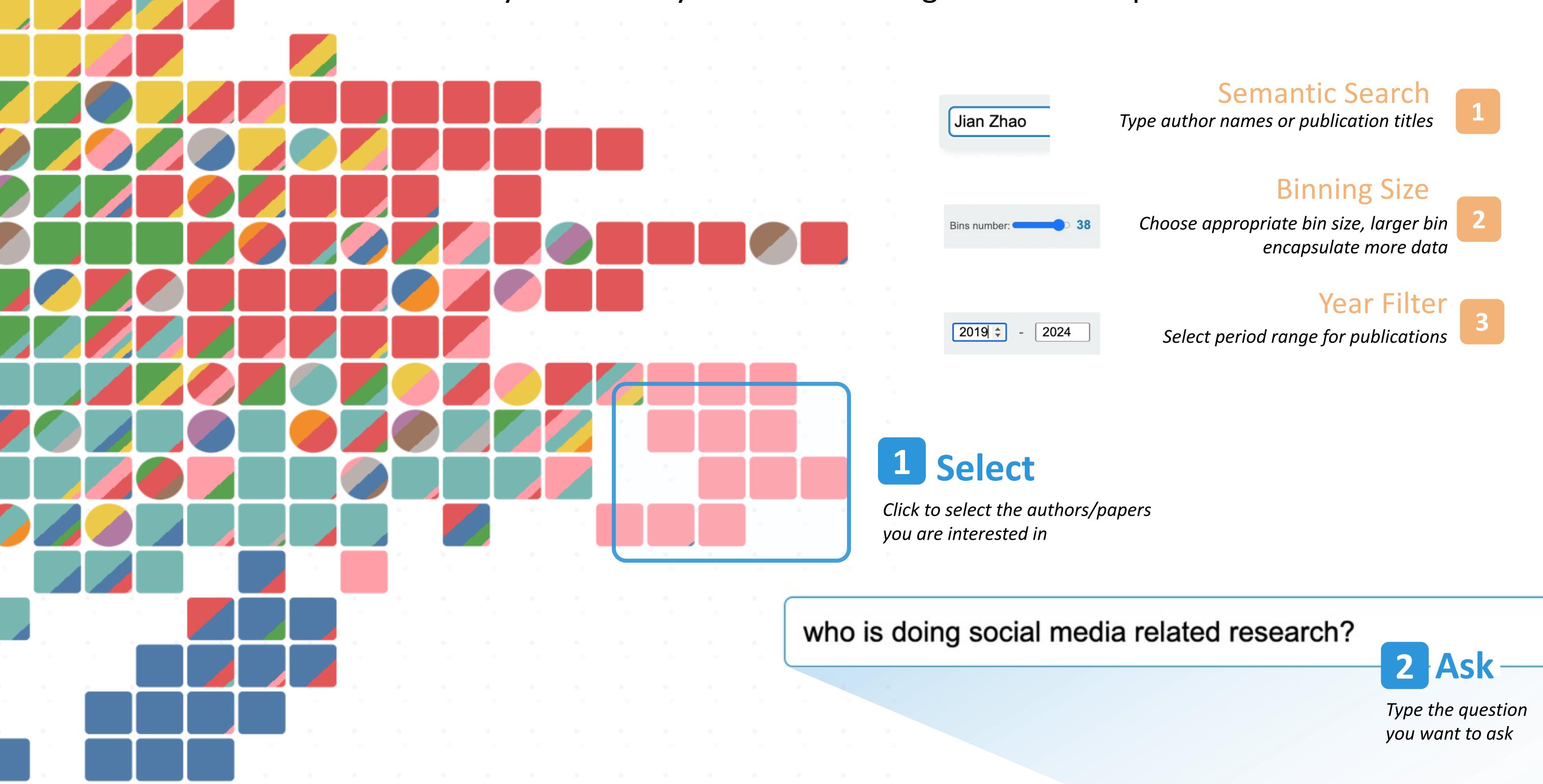




Scholarly Exploration via Conversations with Scholars-Papers Embedding

Recent advances in retrieval-augmented generation enhance complex, context-driven Q&A. However, current methods lack user control over retrieval and generation and don't integrate visualizations with Q&A mechanisms.

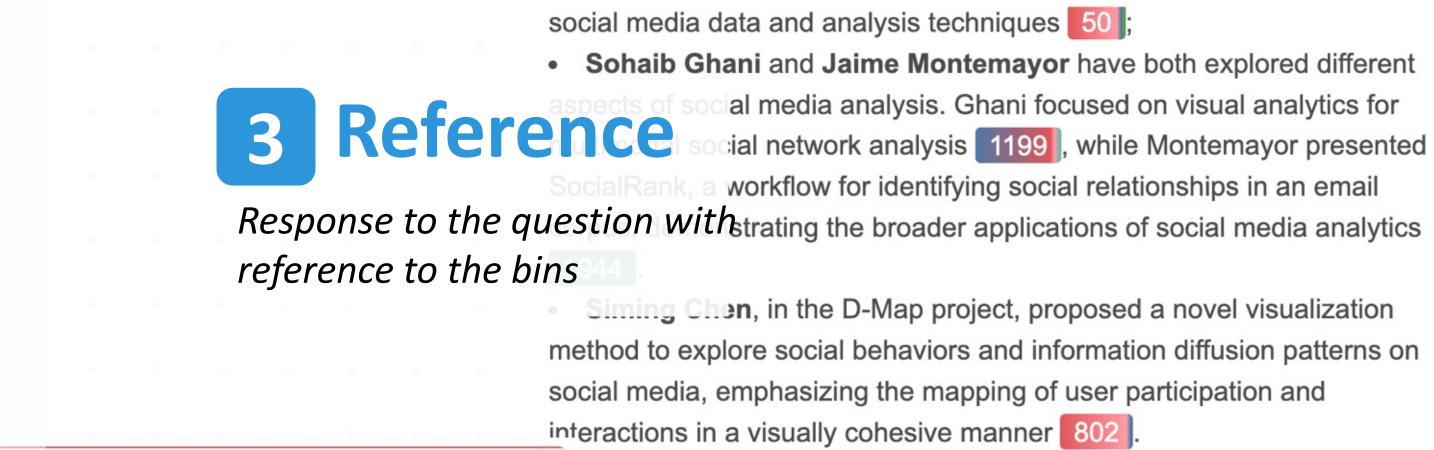
We propose a system that supports contextually aware, controllable, and interactive exploration of academic publications and scholars. It enables bidirectional interaction between question-answering and Scholets the 2D projections of scholarly works' embeddings, our system support users to textually and visually interact with large amounts of publications.



Bins number: 20

Interacting with Scholet

- 1. Visualizes scholars' works and academic papers in 2D space using hierarchical binning.
- 2. Supports semantic searches to find relevant scholars and their works.
- 3. Allows exploration of the distribution of scholars and papers related to a search query.
- 4. Enables users to select specific scholars or papers and ask detailed questions.
- 5. Generates responses grounded in retrieved context, with citations linking to relevant scholars and papers.



2022

Various domain users are increasingly

gain rapid situation...

Shuai Chen

leveraging real-time social media data to

We propose R-Map (Reposting Map), a

visual analytical approach with a map

metaphor to support intera..

1990

who is doing social media related research?

Nathalie Henry contributed by developing MatrixExplorer, a system Breaking news and first-hand reports often at uses dual-representation (node-link and matrices) to explore social trend on social media platforms before Knittel traditional news o... tworks, aiming to bridge the gap between complex network analytics d user-friendly visualization techniques suitable for social media In various domains, there are abundant alysis 1554. Each of these researchers has contributed distinctively streams or sequences of multi-item data of various kinds, e.g... understanding various facets of social media, from analyzing topic Significant events are often discussed and namics and user interactions to developing tools and methods for spread through social media, involving many people. Repos.. ualizing and extracting meaningful insights from social media data. Popular social media platforms could rapidly propagate vital information over social networks among ... Author Title Abstract

Author

Title

Abstract

As people continue to author and share increasing amounts of information in social media, the opport...ol to reflect on existing relationships as well as build new relationships in an enterprise setting.

EvoRiver: Visual Analysis of Topic Coopetition on Social Media

EvoRiver: Visual Analysis of Topic Coopetition on Social Media

Cooperation and competition (jointly called "coopetition") are two modes of interactions among a set...efulness of our system based on two Twitter data sets (social topics data and business topics data).

We present the Influence Flower, a new visual metaphor for the influence profile of academic entitie... data beyond