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OPUS -- Timeline Data Visualization

Phase 1: Data Inputs (basic timeline)

- mock up the data (csv/JSON file)

- x and y axes – intervals between x axes should be flexible to the number of publications and proportional to the time in the year

- show the article title and publisher

Phase 2: User Interaction

- when hover over a specific article, show the authors (by the order that are listed in the article, and venue)

Phase 3: Data Subset Selection

- filter by year

- filter by only specific selection of field (by publisher/journal) – how will we know which field the publisher is associated with?

- filter by co authors

- do we want the visualization to just (delete + regraph) and show a new visualization of just the selection?

Phase 4:

- work on aesthetics, colors, shading, fonts, etc