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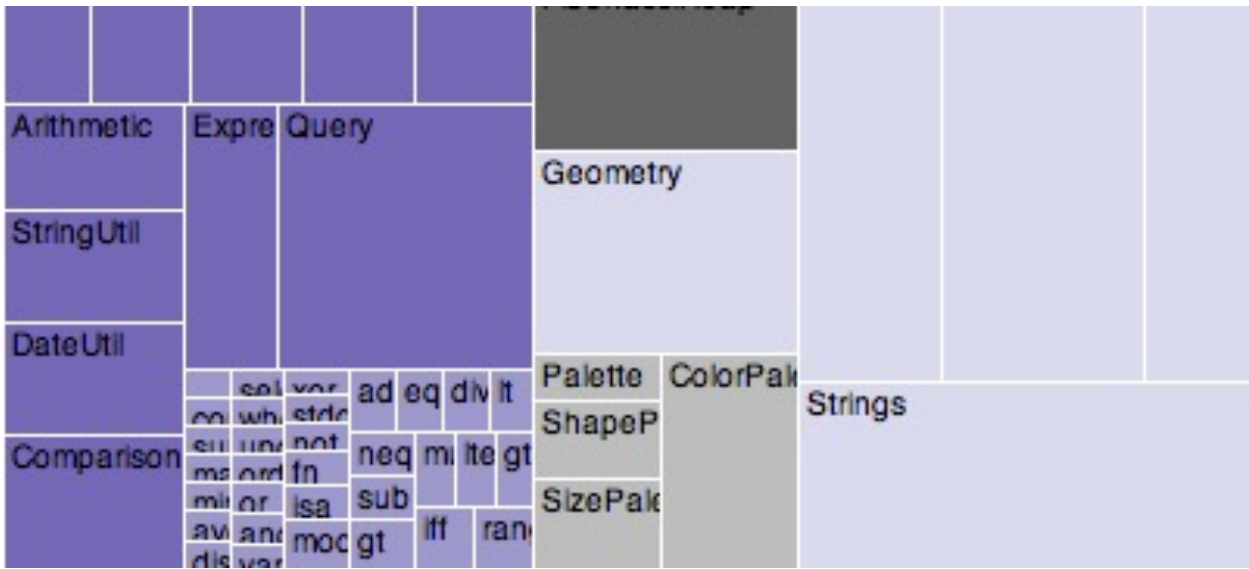
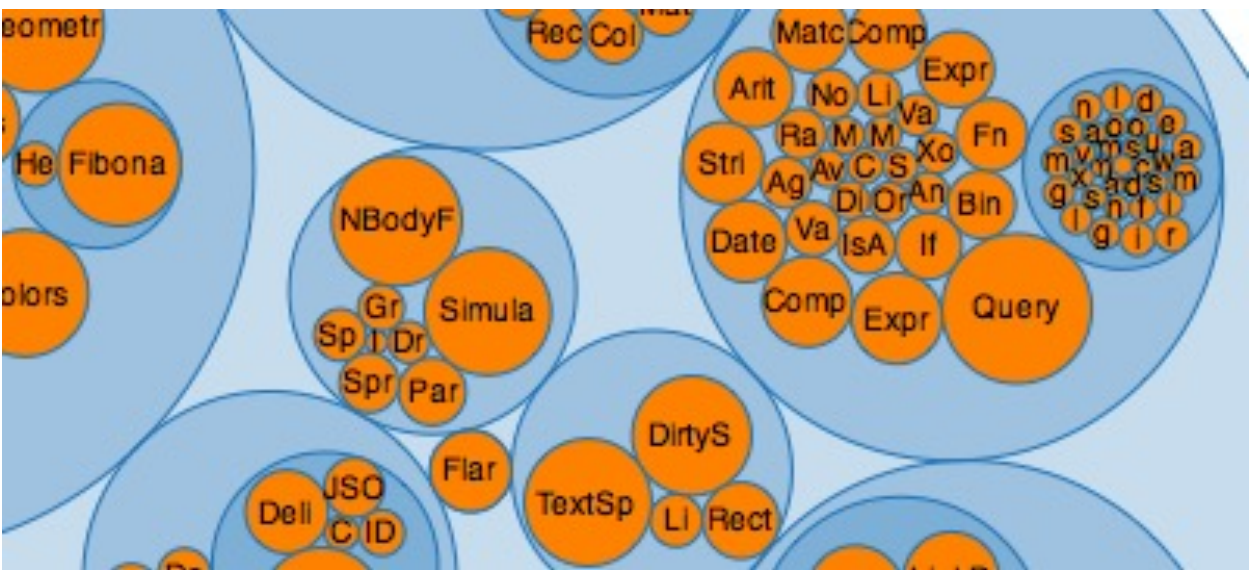
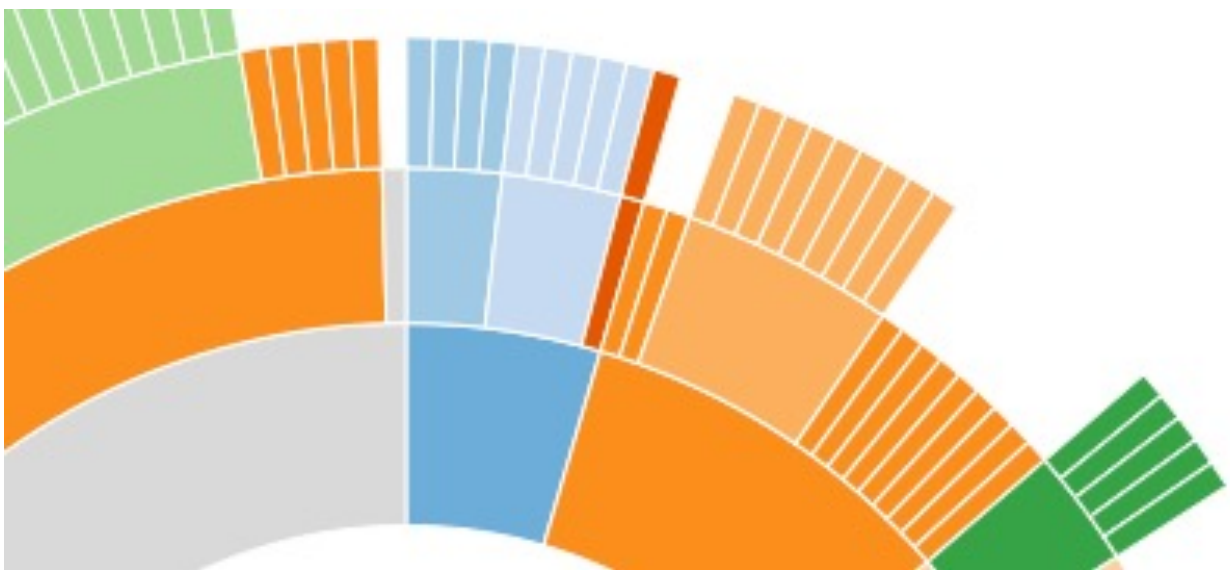
DLI Accelerated Data Science Teaching Kit

# Lecture 15.7 - Visualizing Clusters



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# D3 has some built-in techniques



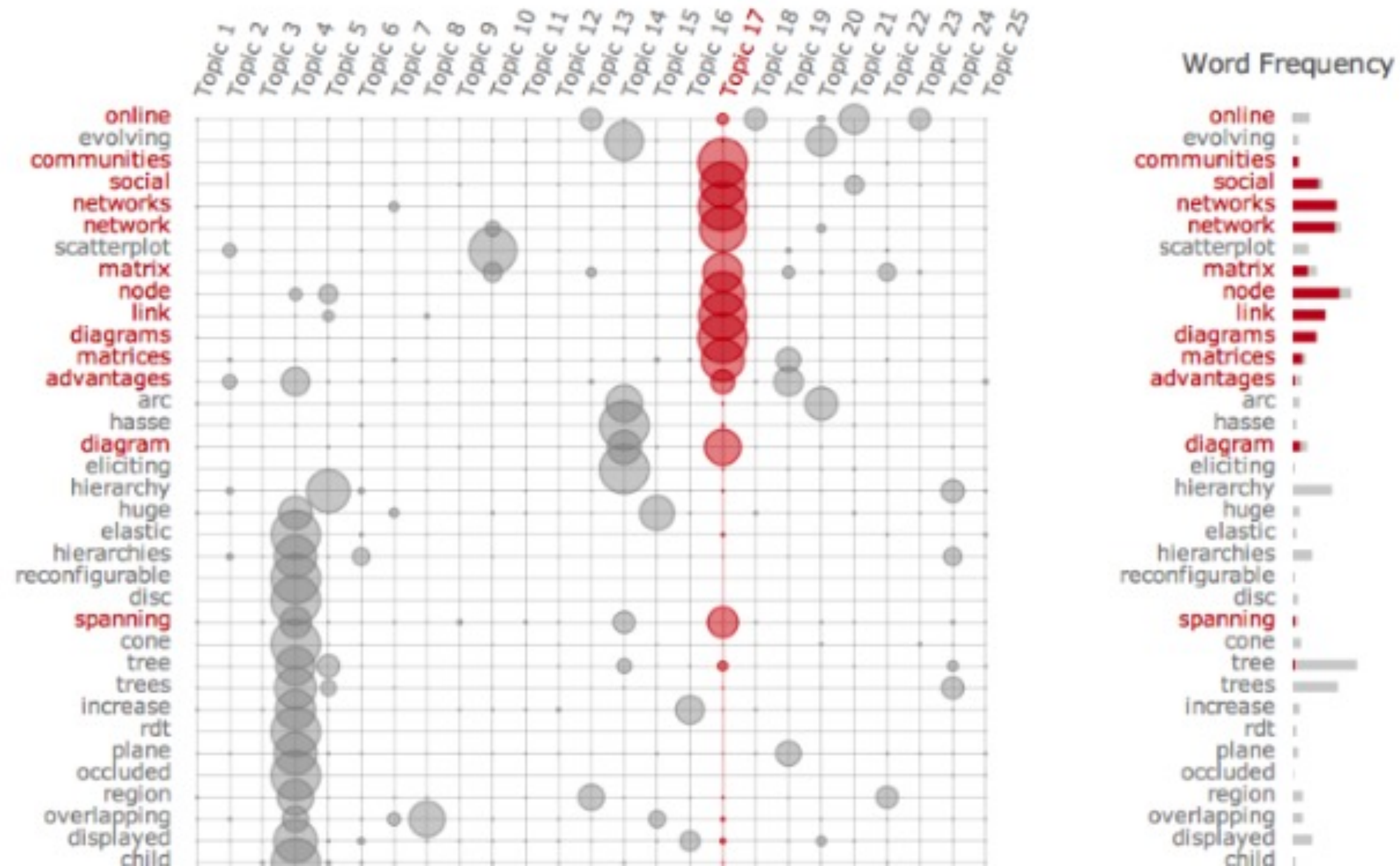
<https://github.com/mbostock/d3/wiki/Hierarchy-Layout>

# Visualizing Topics as Matrix

## Termite: Visualization Techniques for Assessing Textual Topic Models

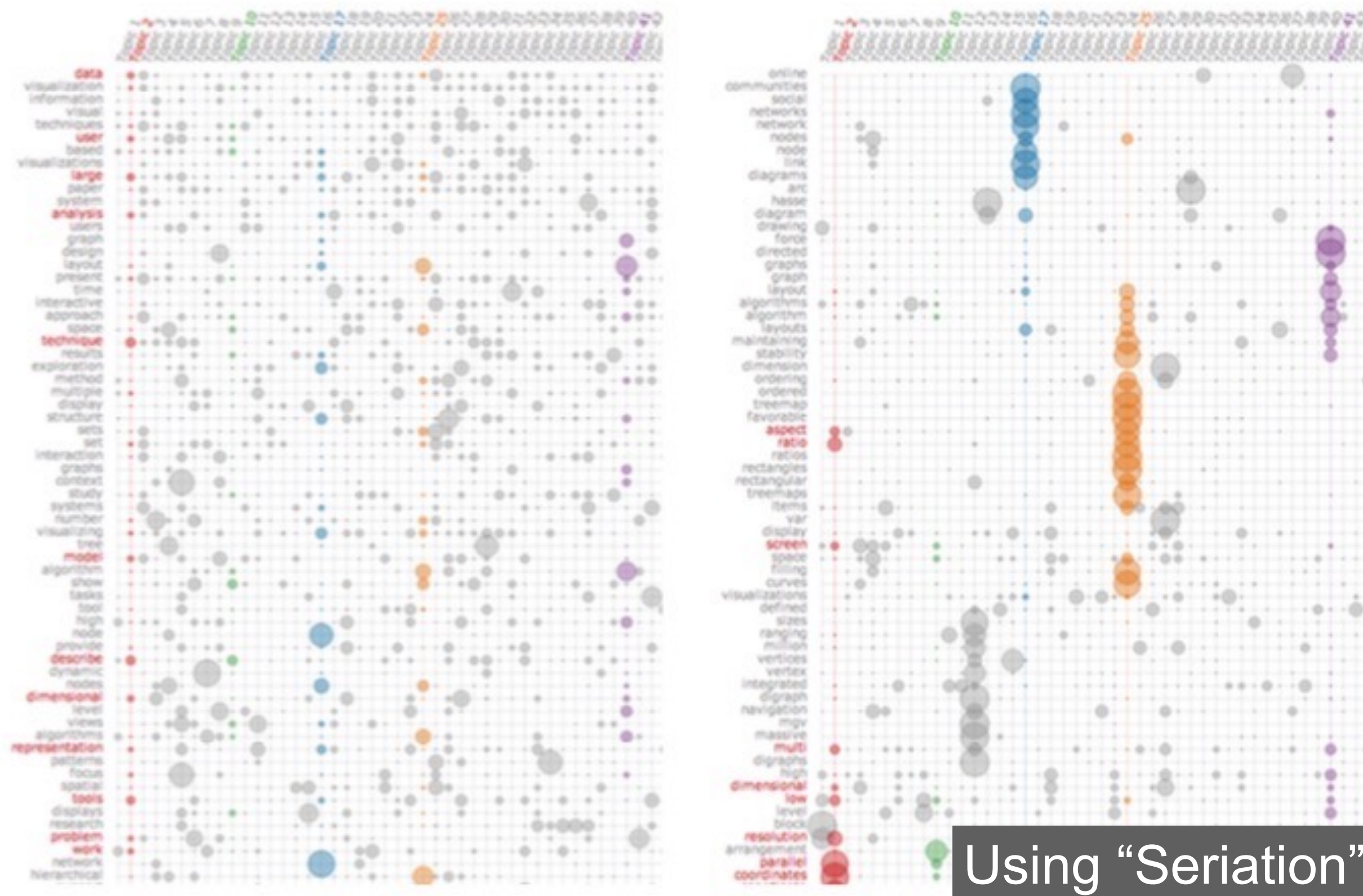
Jason Chuang, Christopher D. Manning, Jeffrey Heer. AVI 2012.

<http://vis.stanford.edu/papers/termite>





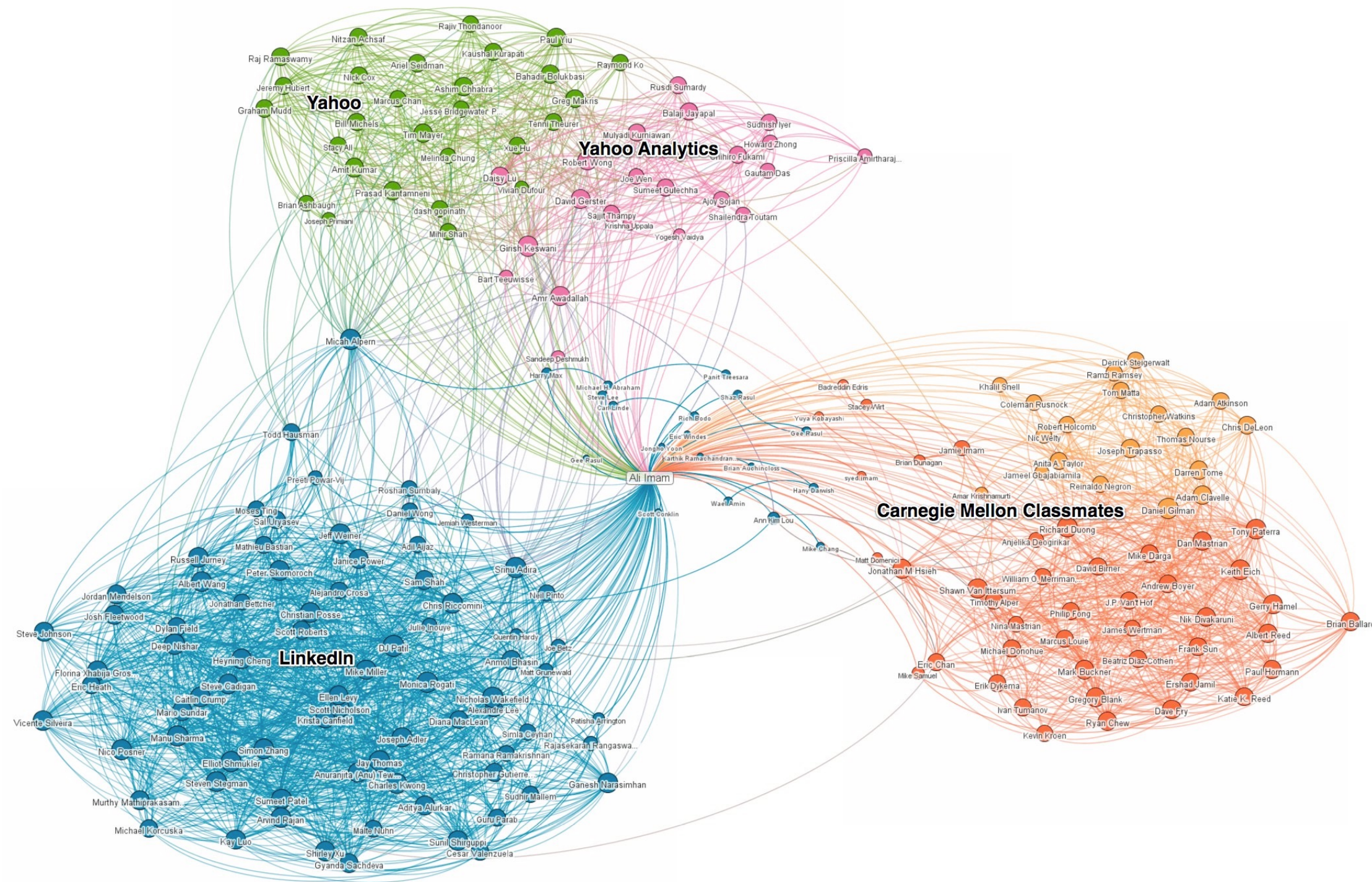
# Termite: Topic Model Visualization



<http://vis.stanford.edu/papers/termite>



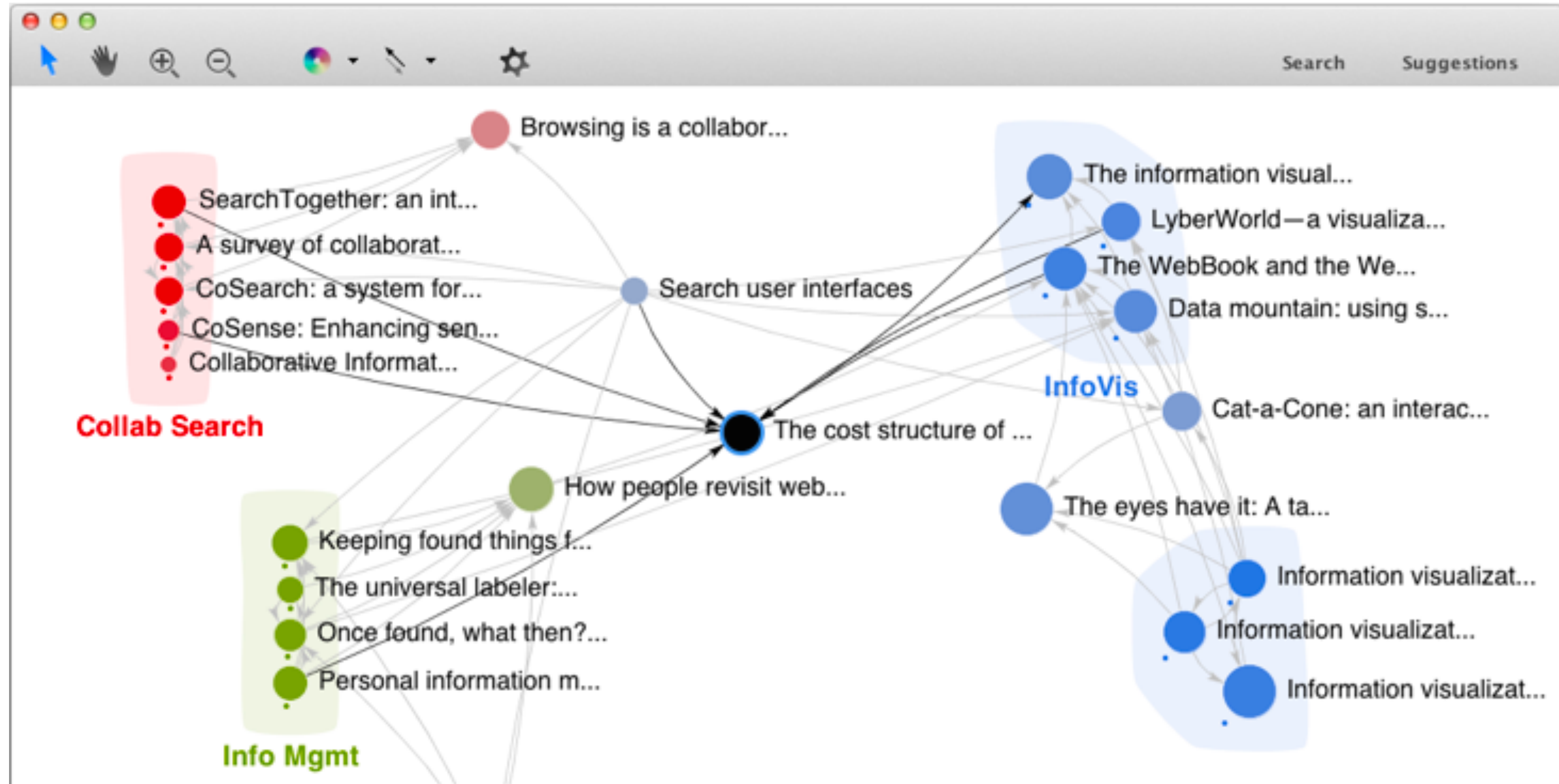
# Visualizing Graph Communities (using colors)





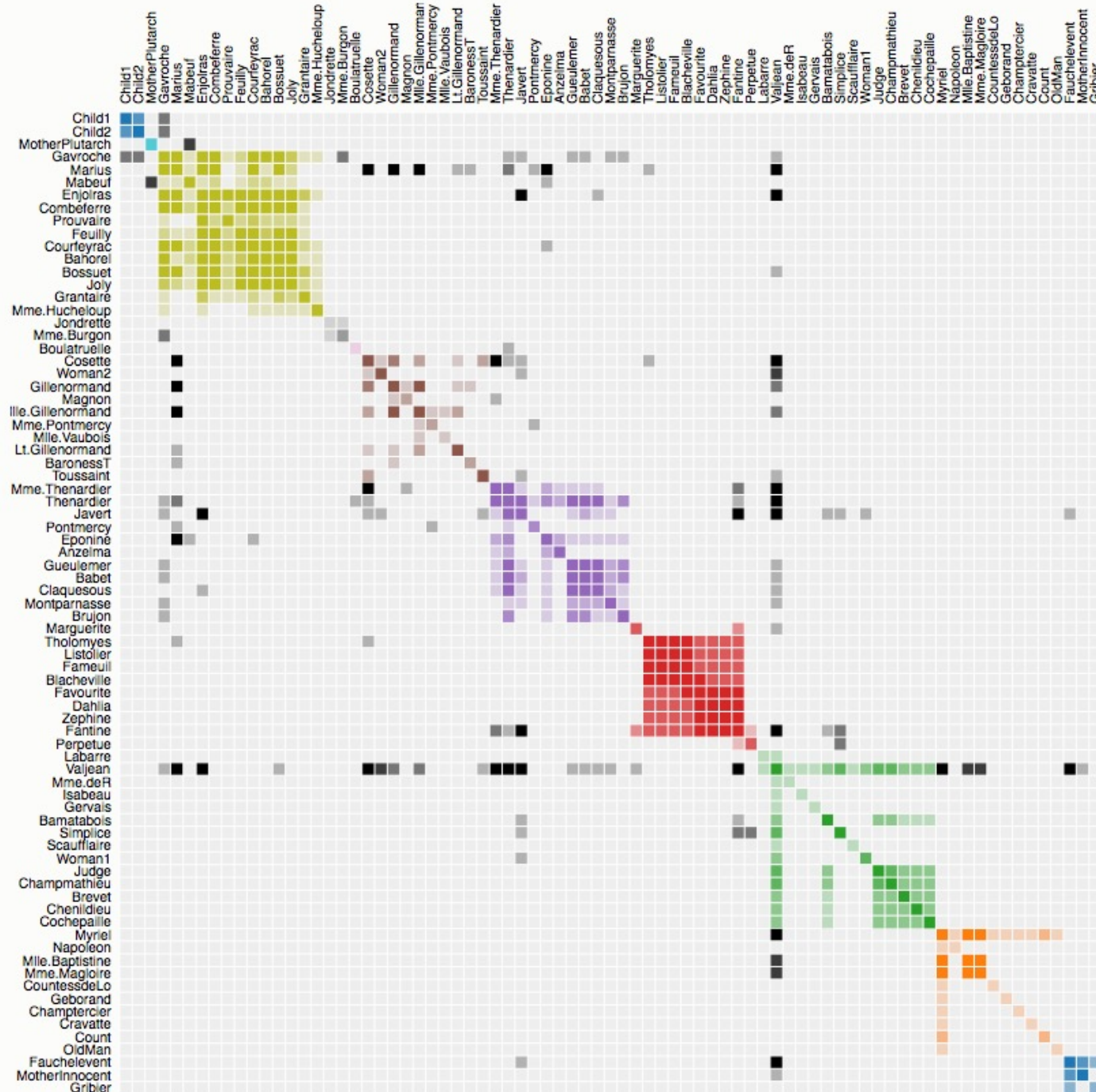
# Visualizing Graph Communities

(using colors and convex hulls)



# Visualizing Graph Communities as Matrix

## *Les Misérables* Co-occurrence



Require good node ordering!

<https://bost.ocks.org/mike/miserables/>





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# Thank You