

continuation of work

- ☑ analyze the co-occurrences of multiple relation types (undirected/directed/signed)
- ☑ define statistics for quantifying structural holes in multigraphs
- ☑ scale it up in terms of number of ego-nets:
 - ✓ using digital trace data e.g. social media accounts
 - ✓ how to include perceived alter-alter ties?
- ☑ community detection based on egos' structural features

references

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- ☑ Shafie, T. and Schoch, D., (2021). Multiplexity analysis of networks using multigraph representations. *Statistical Methods & Applications*, 30(5), 1425–1444.
- ☑ Shafie, T. (2022). Goodness of fit tests for random multigraph models. *Journal of Applied Statistics*.
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