

analysing ego networks

Krackhardt's High-tech Managers Networks (1987)

cognitive social structure data from 21 management personnel in a high-tech firm

relations:	actor attributes:
<ul style="list-style-type: none">- undirected friendship- directed advice	<ul style="list-style-type: none">- department- level- age- tenure

(also includes the relations each ego perceived among all other managers)

- ☑ age and tenure binarized to indicate low/high (0/1)
- ☑ each node thus has 4 possible cross-classified attribute outcomes: (0,0), (0,1), (1,0), (1,1)
- ☑ multigraphs aggregated based on these four possible outcomes represented as nodes

aggregated multigraphs

ego I's original network and aggregated multigraph