Creating and Comparing Meta-Network Groups with Twitter Data (or any networks with derived data)

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Social Media Network Centrality Quiz

Assume you have an Agent x Agent retweeted-by network:
Social Media Network Centrality Quiz

If network is binarized:
1. What does it mean to have highest out-degree centrality?
2. In-degree centrality?
3. Total-degree centrality?

If network is weighted:
1. What does it mean to have highest out-degree centrality?

Creating Meta-Networks from Groups

- Drag and drop to load in “Twitter_Politifact_politics_search.1528444945560.anonymized”
- Twitter data collected based on keywords from Politifact articles
Creating Meta-Networks from Groups

- Let’s say we want to see how different the Twitter report is if we remove retweets.
- Several ways to do this, but we are going to now use groups:

1. Select meta-network to use to make others
2. Select what type of aspect to use to group
3. Select attribute you want to group on
4. Click Next
Creating Meta-Networks from Groups

1. Select meta-network subset you want to extract
2. Click Next
3. Select related networks you want to extract.
4. Click Next

Notice that only networks that contain Tweets are created (this is because we grouped on a Tweet attribute)
Recalculating Derived Data

If you want to recalculate derived networks off of the subset meta network:

1. Select subset meta-network
2. Select Twitter format
3. We want to recompute
4. Choose which derived networks you want

Additional networks added!
Comparing Networks

- Run Twitter Report on two meta-networks:
  - Analysis: Generate Report: Social Media: Twitter
  - Select both meta networks

Notice that ORA is letting you know what might be special to look at.

You can see more.
Thanks!