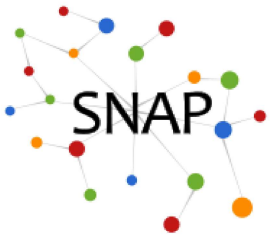

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SNAP for Python
SNAP Datasets
BIOSNAP Datasets
What's new
People
Papers
Projects
Citing SNAP
Links
About
Contact us

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Social circles: Facebook

Dataset information

This dataset consists of 'circles' (or 'friends lists') from Facebook. Facebook data was collected from survey participants using this Facebook app. The dataset includes node features (profiles), circles, and ego networks.

Facebook data has been anonymized by replacing the Facebook-internal ids for each user with a new value. Also, while feature vectors from this dataset have been provided, the interpretation of those features has been obscured. For instance, where the original dataset may have contained a feature "political=Democratic Party", the new data would simply contain "political=anonymized feature 1". Thus, using the anonymized data it is possible to determine whether two users have the same political affiliations, but not what their individual political affiliations represent.

Data is also available from Google+ and Twitter.

Dataset statistics	
Nodes	4039
Edges	88234
Nodes in largest WCC	4039 (1.000)
Edges in largest WCC	88234 (1.000)
Nodes in largest SCC	4039 (1.000)
Edges in largest SCC	88234 (1.000)
Average clustering coefficient	0.6055
Number of triangles	1612010
Fraction of closed triangles	0.2647
Diameter (longest shortest path)	8
90-percentile effective diameter	4.7

Note that these statistics were compiled by combining the ego-networks, including the ego nodes themselves (along with an edge to each of their friends).

Source (citation)

- J. McAuley and J. Leskovec. Learning to Discover Social Circles in Ego Networks. NIPS, 2012.

Files

File	Description
facebook.tar.gz	Facebook data (10 networks, anonymized)
facebook_combined.txt.gz	Edges from all egonets combined
readme-Ego.txt	Description of files