

DAPS&CO

Social Network Analysis

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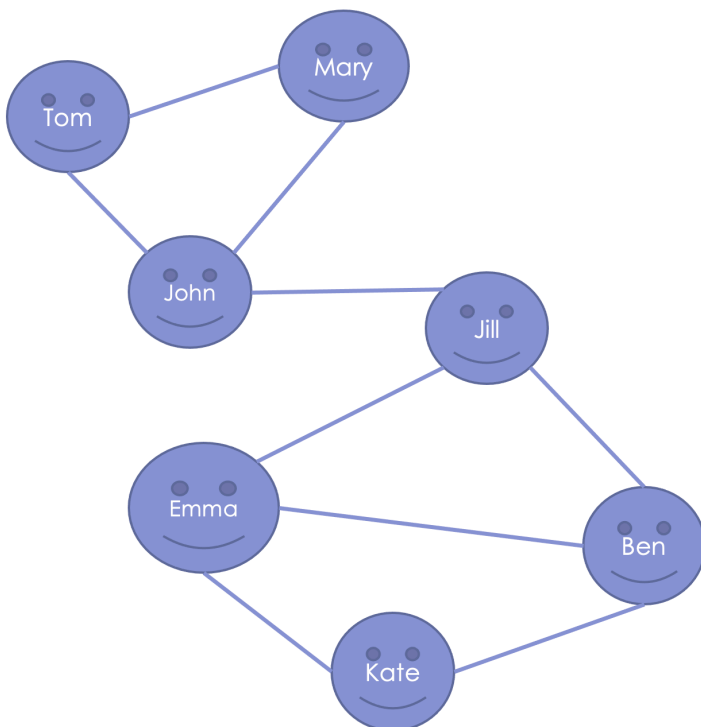
Assignment 2 15 Feb 2022 (Tue)

Assignment Details:

Shown below is an example of an **undirected social network**.

Look at this network and answer the following questions:

- 1) What is the **Network Size**?
- 2) What is the **Network Degree**?
- 3) What node(s) have the highest **Degree Centrality**? (Can you calculate the number?)
- 4) What node(s) have the highest **Betweenness Centrality**? (Try to calculate this too.)
- 5) What node(s) have the highest **Closeness Centrality**? (Calculate this one too!)



Submission:

Email your answers to me (robfahey@aoni.waseda.jp) before the next class (Wednesday, Feb 16th, 11am CET).

Late Submission:

Late submissions without a reason (illness etc.) will be accepted up until the day of the module's final class (Friday, Feb 25th). Submissions after that date will be accepted, subject to a 5% per day grade penalty, until Friday, March 4th.