

DAPS&CO

Social Network Analysis

Instructor: Robert Fahey <robfahey@aoni.waseda.jp>

Assignment 4 **17 Feb 2022 (Thu)**

Assignment Details:

In the files for today's class, there's a CSV file containing the edgelist for the characters in the first Lord of the Rings film, The Fellowship Of The Ring. ("lotr.csv")

Using the techniques we applied to the Star Wars network in class today, I want you to try to lay out this network in a way that's visually appealing and shows the relationships between the characters clearly.

Try to highlight the actual members of the "fellowship" - Sam, Frodo, Gimli, Boromir, Merry, Aragorn, Pippin, Legolas, and Gandalf.

Remember - graph visualisation is as much art as science. Pick colours, techniques and design elements that you think make this graph clear and easy to interpret.

Submit both your completed graph (you can save it from RStudio's plot window) and the code you used to create it.

Submission:

Email your R script and graph to me (robfahey@aoni.waseda.jp) - as Friday's class is offered on-demand, the deadline for this is Sunday, Feb 20th.

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.