

# DAPS&CO

## Social Network Analysis

**Instructor:** Robert Fahey <[robfahey@aoni.waseda.jp](mailto:robfahey@aoni.waseda.jp)>

### Assignment 7      9 Mar 2021 (Tue)

#### **Assignment Details:**

Using the techniques shown in class today and the “#MAGA” tweet network data, construct a time-series analysis which shows the tweet activity in each period of time.

You can divide the periods up however you like (using four periods as we did in class today is fine, or you could do it on a day by day basis). You can plot all your graphs on one plot, or do them as individual per-period plots.

Note that in the in-class example, we showed the cumulative activity - i.e. everything that had happened up to that point. Your assignment this time is to show the per-period activity, i.e. only the retweet activity happening during that specific period of time.

Don't worry if you run into a wall trying to make this work - even if you can't get the code to work in the end, you can still get a good mark on this assignment for submitting the code you wrote and explaining what you were trying to do, and how you tried to solve whatever problems you came across (you could even include links to the pages you found on Google when you were searching for solutions to try).

#### **Submission:**

**Email your code and graph plot(s) to me ([robfahey@aoni.waseda.jp](mailto:robfahey@aoni.waseda.jp)) by Wednesday, March 10th.**

#### **Late Submission:**

*Late submissions without a reason (illness etc.) will be accepted up until the day of the module's final class (Friday, March 12th). Submissions after that date will be accepted, subject to a 5% per day grade penalty, until Friday, March 19th.*