

CS186C Section 2 Social Networks, SJSU
Fall 2016
Homework 1

1. Textbook
3.7 Questions 2,3 and 4 (see .jpg)
2. Facebook networks. Provide a network map of your Facebook (or similar on-line account) network. (Note: Hide names). Use one of the software from the syllabus.

How does your network cluster? What social properties can you detect? How many of these relations would you consider “strong”?

Help:

<http://blog.revolutionanalytics.com/2013/11/how-to-analyze-your-facebook-friends-network-with-r.html>

3. Find the centralities (degree, closeness, betweenness) of the following graphs:

