EE 232E Project 2
Social Network Mining

Hengjie Yang, Sheng Chang, Wendi Cui, and Tianyi Liu

April 25, 2018

1 Facebook network

1.1 Structural properties of the facebook network

1.2 Personalized network

1.3 Core node's personalized network

1.3.1 Community structure of core node's personalized network

1.3.2 Community structure with the core node removed

1.3.3 Characteristic of nodes in the personalized network

1.4 Friend recommendation in personalized networks

1.4.1 Neighborhood based measure

1.4.2 Friend recommendation using neighborhood based measures

1.4.3 Creating the list of users

1.4.4 Average accuracy of friend recommendation algorithm

2 Google+ Network

2.1 Community structure of personal networks