**Antonio**

**Q1**

1. Read through Ugander et al.  (2011) and make sure you understand the network measures mentioned in the context of Figures 1, 2, and 3.
2. How would you interpret the finding of Figure 2? Specifically, does this suggest that human beings are “close together” or “far apart”?

**Q2**

1. Complete Exercises 1, 3, 4 and 5 from [Chapter 3](http://www.cs.cornell.edu/home/kleinber/networks-book/networks-book-ch03.pdf) of Easley and Kleinberg

**Q3**

1.Complete Exercise 4 from [Chapter 14](http://www.cs.cornell.edu/home/kleinber/networks-book/networks-book-ch14.pdf) of Easley and Kleinberg

2. Describe, in a few sentences, what you understand by the observation that a number of networks have a “power law” distribution. Why does this observation matter? How does it change our conception of what is “normal”?