Lab #1: Practical R

22 September, 2016

1 Data gathering

This is done in class. You will be divided into four groups. You are asked to provide:

- self-reported gender
- self-reported ethnicity
- age
- first letter of last name
- height

Any data point that you are not comfortable providing may be omitted, or you may choose to opt out of data gathering completely.

2 Data analysis

Data for each group will be scanned. You will receive a randomly assigned scan (may not be for the group that you were in).

1. Get the data you received into R. Make a vector or factor for each variable. Make sure that the order of samples is maintained for each variable.

2. Prepare appropriate summarizations and visualizations of your data. Use your own judgement as to what is relevant or informative or interesting. It is known that sex and ethnicity correlate with height. *By inspection only*, comment on whether your data is a) consistent with these hypotheses and b) whether the expected correlations are obvious.