Spring 2019 MCB 432 Computing in Molecular Biology

Feb 12 Assignment
Due on February 14, 2019

Question 1. For "Eating in the UK" dataset that we used in class, name two features that contribute most to the first principal component?
Question 2. For "Eating in the UK" dataset that we used in class, how do we know that PC1 and PC2 are the most important?

Question 3: R has another inbuilt dataset, eurodist. Repeat the PCoA analysis we did in class for this dataset.
You will need the following command to load the dataset.

```
> cities <- as.matrix(eurodist)
```

Submission instructions
1. Answer both questions and include a figure for eurodist dataset in a single pdf file.
2. Name your pdf document Feb12_<LastName>_<FirstName>.pdf
3. Upload your pdf to the course website.