CASA0007 Quantitative Methods Group Presentation

The Task

In groups of 4, find a data set that is broadly related to cities research or spatial analysis. Considering methods from the course related to exploring, summarising, and visualising data, communicate the key features of this data set through a 10-minute presentation.

[NOTE: There will likely be some groups of 3 if the number of students is not divisible by 4.]

Weighting

The Group Presentation makes up 30% of the marks for the Quantitative Methods module.

Groups

Groups will be randomly set by the module leaders and published to all students. Changing groups is generally not permitted.

Assessment Criteria

The assessment criteria are available on Moodle.

Process

The group presentation will be face to face, divided into two or three rooms. The timetable will be provided before the presentation.

If you are late for the slot assigned for your group, you will get a mark of zero.

Slides should be submitted by **17:00 on Monday 11 December, UK Time.** Note that you can only submit once and the slides will be used for the presentation on the lecturer's computer. Please make sure that you submit the correct version.

The **maximum** length of the presentation is **10 minutes**, during which time all members of the group should make a roughly equal contribution. A notification will be given after 8 minutes, a further notification after 10 minutes and the group will be asked to stop immediately if they are still speaking after 10 minutes and 30 seconds.

The timing of your presentation will start once the presentation is on and you are ready to go, and will not pause when group members are switching. Please make sure that group members switch smoothly during the presentation.

We will record your presentations and share the recording on Lecturecast and Moodle. Please keep the recording only within this module.

Data

A list of possible data sources will be made available on Moodle.

Note that your data will likely include several different fields, not just a single set of values. For example, a data set on secondary schools in London could include information on the number of students in each school, exam results, location (i.e. borough), whether each school is mixed or single-sex, etc.

Content

Your presentation should include:

- Some context on what the data is and where it is from
- A precise description of the different data fields and their units of measurement
- Summary statistics of key fields
- Appropriate plots to communicate the distribution of key fields
- Appropriate plots to illustrate the relationship between key fields

Your presentation may also include:

- Simple analyses relating to the data (e.g. correlations between fields)
- Visualisations of these analyses

Note that this task is only worth 30% of the marks for the module and the presentation is only 10 minutes in length. You are not expected to produce a dissertation-worthy in-depth investigation of the data, simply to communicate its key features to the audience as thoroughly and clearly as possible.

Moreover, although your data may have a spatial component (e.g. the locations of schools in our previous example), you are not expected to present spatial visualisations of your data (i.e. maps), since that is not the focus of this module.

In addition, you don't need to use all methods that have been taught in this module. Please select the methods based on your dataset and research questions.

Marking

Your group will be marked according to the assessment criteria for group presentations made available via Moodle. Everyone in the group will initially receive the same base mark. However, the module leaders may adjust this mark up or down by up to 20 percentage points after consideration of the following two criteria:

a) ***Contribution during the presentation***
A student who contributes significantly less during the presentation than other group members may be marked down, while others may be marked up.

b) ***Information on the Group Presentation Statement***
If the statement indicates that one student has contributed less than other group members, that student may be marked down, while others may be marked up.

A student who fails to attend their allocated presentation session will score zero. The rest of their group will not be penalised.

Group Presentation Statement

As well as giving your presentation, your group must submit a brief statement on how much each member contributed to the overall task. A pro-forma for this statement will be provided on Moodle. The group should meet to agree on the content of the statement, then all group members should submit the agreed statement on Moodle by **17:00, Friday 15 December**.

The purpose of this statement is to provide a mechanism for situations where one (or more) members of a group have failed to engage with the task and have therefore contributed significantly less than others. In such cases, it is reasonable for the other members to expect a greater weighting of marks than the student who has not engaged.

The statement is not designed to micro-adjudicate situations where all members have made a reasonable contribution. In collaborative work, it is almost impossible to guarantee an absolutely equal contribution from all parties.