

MATH11188 Statistical Research Skills

Assignment 3: Producing and presenting a Scientific Poster

**Deadline: Friday 28th March 13.00 (1pm), oral presentations
1st April and 3rd April**

Submission of assessments is via Learn, oral presentations

This assignment is focused on producing a scientific research poster to be presented at a statistical conference, such as the Royal Statistical Society Conference.

You have been assigned to a group of size two or three (see Learn for group membership), and each group will submit a single poster. The remit for the poster is to present the dataset from Assignment 2 including the results of the previous assignment. The data set is available on Learn. The poster should be of size A0 but may be either landscape (long horizontally) or portrait (long vertically). You may use any software you prefer for creating the poster, such as L^AT_EX; PowerPoint; Keynote etc. - please note that this needs to be converted to a pdf when the poster is submitted (only pdfs will be marked!).

The poster will then be presented individually by each student. The presentation will be 15 minutes (10 min of talking and 3 min of questions). The questions will be about the methods, the results and the ideas in the work. The students are expected to propose a lively presentation of their work along with substantific content.

All members of a group need to contribute to the submitted poster presentation. it is expected that members of the group may contribute in different ways and different aspects of the work, including for example, finding out more about the data and the data collection process; conducting exploratory data analyses; creating suitable figures/tables; writing associated R code; writing material for the poster; styling the poster presentation; providing feedback on draft material; and proof-reading the poster. Thus you may want to think about the different skills and interests of the members of the group when working together and/or if assigning individual tasks. If a member(s) of the group fails to engage and does not reasonably contribute within the group assignment, please contact the course organiser (gclarte@ed.ac.uk) detailing the issues **before** 12.00 on Thursday 27th March.

The marking rubric for the assessment is also available in Learn in the folder: “Assignment 3” with associated marking categories: Content of the poster = 20%; Structure = 10%; Content of the oral presentation = 30% Presentation quality = 10%; Responses to questions: 30%.

There are a range of L^AT_EXdocument classes for creating posters, including `tikzposter`, `beamer` and `baposter`. A range of L^AT_EXposter templates are available at:

<https://www.overleaf.com/latex/templates/tagged/poster/>

A sample L^AT_EXtemplate using `tikzposter` is also provided in the Assessment folder. If you are using L^AT_EX, you may also wish to use Overleaf (<https://www.overleaf.com/>) for working collaboratively.