

# CASA0007 Quantitative Methods – Research Proposal

## The Task

Formulate a research question that will form the basis of the Written Investigation that you will submit in January. Identify one academic paper that has inspired this question and use this paper as a basis to explain why the question is relevant and which quantitative methods may be used to address it.

Please choose one of the following three datasets as the main dataset. You can augment the selected dataset using other datasets (e.g. demographic, social, economic, environmental).

- London crime rates ([https://data.london.gov.uk/dataset/recorded\\_crime\\_summary](https://data.london.gov.uk/dataset/recorded_crime_summary))
- London fire brigade incident records (<https://data.london.gov.uk/dataset/london-fire-brigade-incident-records>)
- Prevalence of Childhood Obesity, Borough, Ward and MSOA (<https://data.london.gov.uk/dataset/prevalence-childhood-obesity-borough>)

Please aim to choose a question that is fairly specific, which has some clear real-world relevance. For example, rather than “Research on women’s re-employment” (vague and not a question), a suitable question might be: “What factors impact on the re-employment rate of women following career breaks in the UK and how can this impact be quantified?”

## Weighting

The research proposal makes up 0% of the marks for the CASA0007 module, but you will be given feedback on your research proposal.

## Deadlines

The proposal must be submitted via Moodle by **17:00, Monday 02 December 2024, UK Time**. A proposal submitted after the deadline might not be evaluated.

## Length

The maximum length of the proposal is **250 words**.

A very brief bibliography (likely including only your single chosen academic paper), should be included, but is not counted in the word limit. The bibliography and in text citation should be in Harvard format.

## Purpose

This is a short task, intended to identify whether you have chosen an appropriate direction for your written investigation and to give you guidance on how to improve your research question.

## Assessment Criteria

The assessment criteria are specific to this task and can be found on Moodle.

## Additional Guidance

Make sure that your submission consists of the following:

- Proposed research question

- Bibliography containing inspirational academic paper/papers
- Brief description of inspirational academic paper/papers
- Explanation of value of research question with reference to paper/papers
- Brief summary of methods from the module that may be applied