

Information Visualisation Assignment: *Visualisation Experiments*

Semester 1 2016-2017

Description

In this assignment you must design an experiment to answer a key question in visualisation. Your design should cover the following issues:

- **Proposed hypothesis:** The question you will answer, why it is important and previous, relevant work exists
- **Measured variables:** The dependent and independent variables measured in the experiment
- **Experimental methods:** will the experiment be run within-group or between-group
- **Selected subjects:** What will the characteristics of the subjects be?
- **Data collection:** What data will you collect?
- **Data analysis:** What analysis techniques will you use?

Your design should also include sample visualisations that will be used in the experiment you will perform (these can be generated using whatever tool you prefer).

Submission

Submission details:

- **Submission date:** Friday 9th December 2016 before 23:59
- **Submission method:** Submissions should be made through the module Moodle site
- **Submission format:** Submissions should include
 - A pdf document based on the template provided (example visualisations can be added in extra pages)
- **Late submissions:** Late submissions will be penalised at 5% per day.

Marking

This assignment can be completed by students on their own, or in a group of no more than two.

Marking will be based on the following

- 30% Proposed hypothesis
- 40% Experimental method
- 30% Sample visualisations