

Statistics for Social Scientists

ENVS225

We all use statistical concepts in our everyday lives. How many times have you brought an umbrella with you because the weather forecast predicted a high percentage chance of rain? Learning statistics allows you to present and use such data more efficiently and/or make better predictions.

This module will introduce you to data and statistical techniques to help you answer questions from a wide range of fields including health, sports, politics, education, etc. At the end of the module you will be able to create an easy to read table and graph and make real world predictions, on issues such as the uptake of social welfare in the North West and the socio-economic profile of Liverpool students. To aid statistical training, students are also introduced to computer based statistical software.

The training you receive in this module will allow you to successfully carry out data analysis on your second year fieldtrip and your third year dissertation and gives you important skills for future employment.

The module involves twelve 2-hour lectures and 6 four hour computer based labs. Students are encouraged to actively participate in class.

Assessment is divided into 3 parts; a computer practical in SPSS/Excel and 2 computational based assessments.

