



Module Title: Managing Quantitative Data for Research

Module Code: SOU33164

Module Name: Managing Quantitative Data for Research

- **ECTS Weighting:** 5
- **Semester/Term Taught:** Michaelmas Term
- **Contact Hours:** 22
- **Module Personnel:** Dr Joonghyun Kwak

Module Learning Aims and Outcomes:

Students who successfully complete this module will be able to:

- Search for and download quantitative data relevant to specific research questions;
- Measure key sociological concepts, such as socio-economic status and educational attainment;
- Handle missing data and account for complex survey designs using suitable weighting techniques;
- Manage and archive datasets and syntax files to ensure reproducibility.

Module Content:

This module, *Managing Quantitative Data for Research*, is designed for students preparing for a fourth-year quantitative dissertation project. While statistical methods and the interpretation of results are addressed in other quantitative methods modules, real-world research involves a wider range of practical tasks. These include searching for, downloading, and organising data; creating, labelling, naming, and verifying variables; and thoroughly documenting and preserving the work. Syntax or do-files must also be clearly structured and archived to ensure reproducibility. This module focuses on these essential aspects of quantitative data management. Through hands-on experience with widely used statistical software such as STATA and Excel, students will develop practical skills that improve the efficiency and reliability of their research.

Recommended Reading List:

A list of relevant readings will be provided for all students in the forthcoming module syllabus



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Module Pre-Requisite:

Module Co-Requisite:

Assessment Details: 30% Presentation, 70% Assignment

Module Website: