Q-Step Internship: The UK Data Service

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In summer 2015 I undertook a Q-step internship with UK Data Service in Manchester. The UK Data Service is funded by the Economic and Social Research Council and provides access and support for a wide range of key social and economic data.

Objectives

The UK Data Service creates teaching datasets for University lecturers (and other University teachers) to use with students. These teaching datasets are based on the quantitative crosssectional datasets held by the UK Data Service – for instance the British Social Attitudes Survey and the Crime Survey for England and Wales.

The aim of this internship is to:

- Create new teaching datasets and accompanying user guides
- Update current teaching datasets and accompanying user guides
- Create accompanying worksheets/exercises that use the teaching datasets to work through correlation and regression techniques (for use by lecturers/teachers and students)

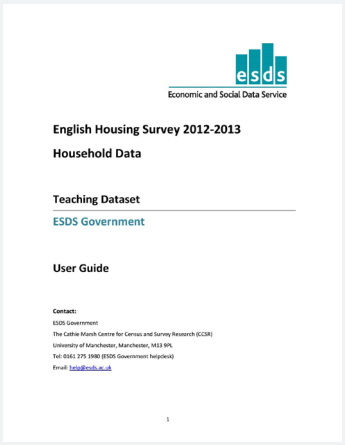
Methodology

Used SPSS and STATA to do secondary analysis on UKDS teaching datasets.

Used correlation and regression techniques to create Health Survey for England relative worksheets.

Updated Crime Survey for England and Wales, English Housing Survey datasets with user guide and workbook

Outcome


esds
Economic and Social Data Service

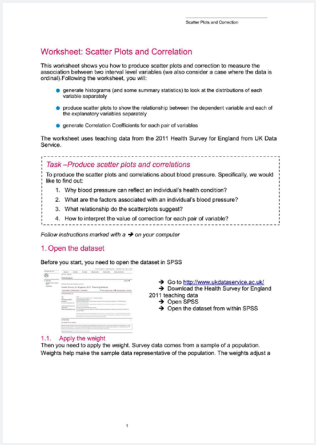
English Housing Survey 2012-2013

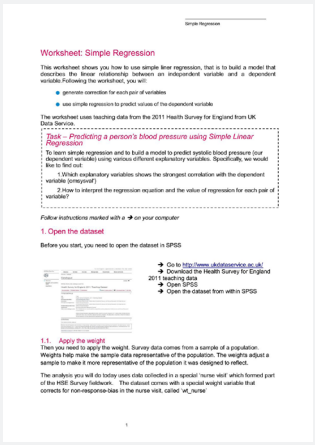
Household Data

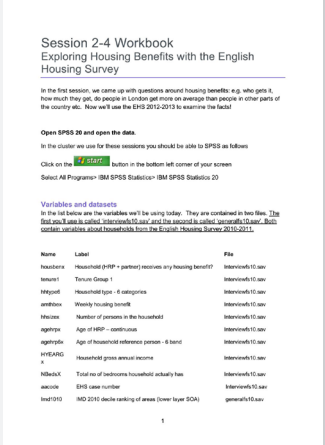
Teaching Dataset

ESDS Government

User Guide


Worksheet: Scatter Plots and Correlation


Worksheet: Simple Regression


Session 2-4 Workbook
Exploring Housing Benefits with the English Housing Survey

Key Learning

During my time working for the UK Data Service, I updated Crime Survey for England and Wales and English Housing Survey teaching datasets and created the relevant user guide and workbook. I also used correlation and regression techniques to create Health Survey for England worksheets.

From this I practiced my secondary analysis skill. I learned how to use STATA to create my dataset, how to analyse that data and how to present it in the worksheets. I believe this has given me experience of many transferable skills which I could apply to several jobs I may consider upon graduation.Apart from that, I provided students' feedback on how to improve the UK Data Service resources for students and advice for their new app. I was also able to attend the Census Conference (organised by the UK Data Service) in the University of Manchester, where I met with census preachers and have a better understanding about census data.

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UK Data Service

Q-Step
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