

# MN-3571 Assignment 3: Using the Data

Data for the final assignment has been assembled for you from the National Survey for Wales 2018/19 cohort and uploaded to Blackboard in the mn3571a3.dta file. This is a stata file and you will need to use the following commands to load it into R

```
library(readstata13)
dt<-read.dta13('mn3571a3.dta')
```

If you do not have the `readstata13` package installed then you must also install it. You will need to make sure that you have set your working directory prior to performing this analysis also.

This document then serves as a summary of all of the variables that are available within the dataset.

## 1 Data Dictionary

Within the dataset 9 welfare measures are provided each scored from 1 (most deprived 20%) to 5 (least deprived 20%)

- eOvr - Overall
- eInc - Income
- eEmp - Employment
- eHlth - Health
- eEdu - Education
- eHse - Housing
- eEnv - Environment
- eServ - Services
- eSafe - Safety

Table 1: Variables Included 1

Variable	Description
LA	Local Authority of Residence
Male	Dummy variable for respondent being male 0 Respondent is female 1 Respondent is male
Age	Age of Respondent in Years
NumPep	Number of People in Household 8 used if there are 8 or more people
Income	Categorical Pre-Tax Household Income 1 Below £10,400 2 Between £10,400 and £20,799 3 Between £20,800 and £31,099 4 Between £31,100 and £41,499 5 Above £41,500
HQual	Highest Level of Qualification 1 Degree or higher 2 A-Levels 3 GCSE 5 A*-C 4 Below GCSE 5 A*-C 5 No Qualifications
WbSatLife	Overall Life Satisfaction (1-10)
WbLifeWrth	Feels life is Worthwhile (1-10)
WbHapYest	Felt Happy Yesterday (1-10)
FinBil	Keeping up with Bills 1 Without any difficulties 2 Yes but it is a struggle from time to time 3 Yes but it is a constant struggle 4 Falling behind with some bills or credit commitments 5 Having real financial problems
IntPU	Internet Available for Personal Use 0 No internet for personal use 1 Has internet for personal use

Table 2: Variables Included 1

Variable	Description
IntA	Number of internet activities undertaken 1 No activities 2 1-3 activities 3 4-6 activities 4 7-9 activities 5 All 10 activities
inclia	Were Internet Activities Provided? 0 No 1 Yes
IntS	Number of internet activities undertaken 1 0-1 skills 2 2 skills 3 3 skills 4 4 skills 5 All 5 skills
inclis	Were Internet Skills Provided? 0 No 1 Yes
WEMWBS	Continuous Measure of Welfare (some missing)
Urban	Dummy for Living in Urban Area 0 Rural 1 Urban
BUA	Built Up Areas Measure 1 Under 2,000 people 2 2,000 to 9,999 people 3 10,000 to 24,999 people 4 25,000 to 99,999 people 5 100,000 people upwards