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| **School of Management**  **MN-3571 Digital Economics**  ***Assignment 3: Individual Data Analysis*** | C:\Users\p.a.brophy\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\Welsh Blue Stacked.jpg |

The final coursework assignment for this module is an individual topological data analysis worth 30% of the overall module mark.

**Coursework Brief**

Using the British Household Panel Survey consider the links between internet accessibility and demographics. Conduct your analysis using the Topographical Data Analysis Ball Mapper code discussed within the lectures.

In your work you should:

* Develop a clear research question
* Identify the relevant variables from the British Household Panel Survey
* Transform the variables as necessary
* Conduct the Topographical Data Analysis Ball Mapper analysis
* Develop conclusions to answer your research question
* Relate your answers to other studies from the academic literature

At each stage of the work you should think about why you are carrying out the particular action and how exactly it links to the task. This should follow the way that we approach the task in Week 9.

*For example, you may wish to analyse respondents’ internet access and their self-reported health. There are many questions on health in the survey that can serve as the axes for the analysis. Are people in the healthier part of the space accessing the internet more? What other variables might we want to include to better answer the research question? You might then look at the role of age by adding an axis into the plot.*

Please ensure that you have signed the form for permission to use the data.

**Key Marking criteria will include:**

* Initiative: originality, innovativeness of answer
* Quality of Writing: Readability and ability to convey key message(s) concisely
* Quality/Scope of Literature Review: Understanding of established knowledge
* Suitability of Literature: Use of suitable sources, focused to answer key research aims
* Literature Analysis: Quality/level of analytical skill demonstrated
* Understanding of topological data analysis and data sources
* Consideration of steps taken to conduct analysis
* Overall Quality of Assignment

**Submission**

The main assignment must be submitted by **3pm on Friday 1st May 2020** via Turnitin. Students can expect to receive individual feedback on their work via Turnitin by 3pm on Friday 22nd May 2020.

Please note:

* The maximum file size that can be uploaded is 20mb. If your file is larger than this it is usually because you have included a lot of images – you should either remove some if possible, or else convert them to a more efficient format to bring the file size down (e.g. .png or .gif).
* You should ensure your student number is in the title of the filename for the work you submit/upload.
* For undergraduate students, the School of Management operates a **late penalty** system as follows: when work is submitted late with no prior authorisation, a penalty of 10 marks will be deducted from the actual mark for each calendar day, or part of a day, by which the deadline is exceeded. After seven days from the initial deadline, a mark of zero will be awarded. Late work should be submitted electronically in the usual way.

If the penalty for late submission exceeds the mark awarded for the component then the component will receive a final mark of 0%.

**Digital Submission of Coursework Instructions**

* Logon to Blackboard.
* Access the appropriate Module site.
* Click the Assignment menu button which appears on the left of the screen.
* In this folder you will see a file entitled ‘Student Declaration form’. You need to complete this form and incorporate it as the first page of your coursework (not two separate files)**.**
* Click cid:image001.gif@01CECBE8.97D03920 Coursework. Please read the statement of originality before you click “submit”. By submitting work you are agreeing to this statement and confirming it to be true.
* Complete the dialogue box with your forename and surname
* To submit your coursework, locate the correct file on your computer by clicking the "browse" button and enter a title for the coursework *(we suggest the module code and your student ID MNB108 123456)*. Click SUBMIT
* You will then be asked to check if the document is the one you wish to submit and if so click “YES, SUBMIT”
* You will then receive a message saying “*paper successfully complete”.*
* BLACKBOARD will then send you a confirmation email of submission. Please keep this receipt safe as evidence of your submission.

If you experience any difficulties submitting your work via Turnitin please contact the Student Hub straight away at [SoMAssessment@swansea.ac.uk](mailto:SoMAssessment@swansea.ac.uk)

**Notes on Style and Word Count**

Assignments are a critical part of the learning experience and development for scholars at Swansea University. Practice will pay dividends when it comes to honing your skills in report and essay writing. Students are therefore encouraged to submit the highest quality work they can to reach their maximum potential. Students with concerns about how to present their work can consult with the Module Co-ordinator for guidance in addition to the notes listed below:

The maximum word limit for Assignment 3 (excluding tables, contents page, footnotes, charts, graphs, figures*, reference lists* *but including in-text references*) is **1000 words**. The word count must be stated in the assignment cover sheet.

Markers will stop marking once the word count [or time limit] limit has been reached, likely leading to a reduced overall mark as key arguments or conclusions will not be included in the marked work.

Students who submit work that is below the word limit will not be penalised. This is because students will not have taken full advantage of the word limit available to them, which in itself may constitute a penalty.

**Video, Audio or other Assessment Types**

For some assessments students may be required to submit a video, audio or other digital media item. The University’s overarching privacy policy advises students that the University will collect photographs and video recordings for the purpose of recording lectures, student assessment and examinations. This processing and storage of this information is lawful as it is necessary for the performance of a contract with the student and will apply to any personal data that we process for the purposes of administering and delivering their course of study.

<https://www.swansea.ac.uk/media/Student-Data-Protection-Statement-18-19.pdf>

**Proof Reading**

Please be aware of the university’s Proof Reading policy which sets outs what the university considers to be good academic practice in relation to proof reading. The School of Management allows proof reading but please be aware of the requirements around this including keeping an evidence trail relating to any proof reading and whether it is formal or informal. Further information can be found [here.](https://myuni.swansea.ac.uk/academic-life/academic-regulations/aqs-policies/proof-reading-policy/)