***Lincoln School of Computer Science***



**CMP9139M Research Methods – Assessment Item 2 RESIT**

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| **Learning Outcome** | **Criterion** | **Pass (≥ 50)** | **Merit (≥ 60)** | **Distinction (≥ 70)** |
| [LO1] Identify an appropriate area for study contextualised by the award being studied; [LO2]  Critically evaluate, select and apply research methods in the specialist area of study. | Presentation of your report including identifying the research question, and providing the background and motivation for the chosen dataset and methods for data analysis. (15%) | You have identified a research question; evidence of hypothesis; your report provides an overview of the research methods investigated, giving the  background and motivation for the chosen dataset and methods for data analysis including use of inferential statistics. Results are presented with valid conclusions. | You have identified a research question and formulated a clear hypothesis; your report provides a good overview of the research methods investigated, giving the background and motivation for the chosen dataset and methods for data analysis including use of inferential statistics. Results are well presented with valid conclusions relating to the research question investigated. | Your research question and hypothesis have been presented clearly and fit nicely to the background and literature survey. Your report provides an excellent overview of the research methods investigated, giving the background and motivation for the chosen dataset and methods for data analysis including use of inferential statistics. Results are well presented with valid and enlightening conclusions relating to the research question investigated. |
| [LO1] Identify an appropriate area for study contextualised by the award being studied;  [LO3] Demonstrate practical skills in the development of a research proposal and literature survey; | Within your report, produce a Literature Survey, which analyses critically the various methodologies appropriate for analysis of your chosen dataset. (30%) | The survey demonstrates a good coverage and relevance to the chosen dataset and research question, including possible use of inferential statistics in related work, with some critical analysis and use of references. | The survey demonstrates a very good coverage and relevance to the chosen dataset and research question, with good critical analysis and use of references. The review is well structured and gives good coverage of inferential statistics used in related work. | The survey demonstrates an excellent coverage and relevance to the chosen dataset and research question, with excellent critical analysis, use of references and depth of background research. The review is very clear and well structured, and critically appraises the application of inferential statistics in related work. |
| [LO2] Critically evaluate, select and apply research methods in the specialist area of study; | Within your report, describe the Methodology and Results obtained for the acquisition and analysis of the chosen dataset. (55%) | A methodology for data acquisition and analysis using inferential statistics is provided, with some evidence of justification. The results demonstrate the application of the methodology to the chosen dataset, with good discussion | A convincing methodology for data acquisition and analysis using inferential statistics is provided, with clear evidence of justification. The results demonstrate the extensive application of the methodology to the chosen dataset, with very good discussion | An elegant and convincing methodology for data acquisition and analysis using inferential statistics is provided, with excellent and clear evidence of justification. The results demonstrate the extensive and in-depth application of the methodology to the chosen dataset, with excellent discussion. |
| **All learning outcomes are weighted as indicated** | |  |  |  |

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