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HBS L&T Conference



University of
Hertfordshire **UH**
Hertfordshire
Business School

**Title: IS THE CULTURE OF INERTIA AFFECTING
TECHNOLOGICAL CHANGE IN HIGHER EDUCATION:
AN ANALYSIS OF THE IMPACT OF CANVAS ON
TEACHING AND LEARNING AT THE UNIVERSITY OF
HERTFORDSHIRE?**

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Introduction

- Recent technological developments in the education sector
- The spread of technology globally as a teaching and learning tool
- Highlight the challenges faced by users
- Assess the cultural factors that inhibits or slow down the use, acceptance and adoption of the technology

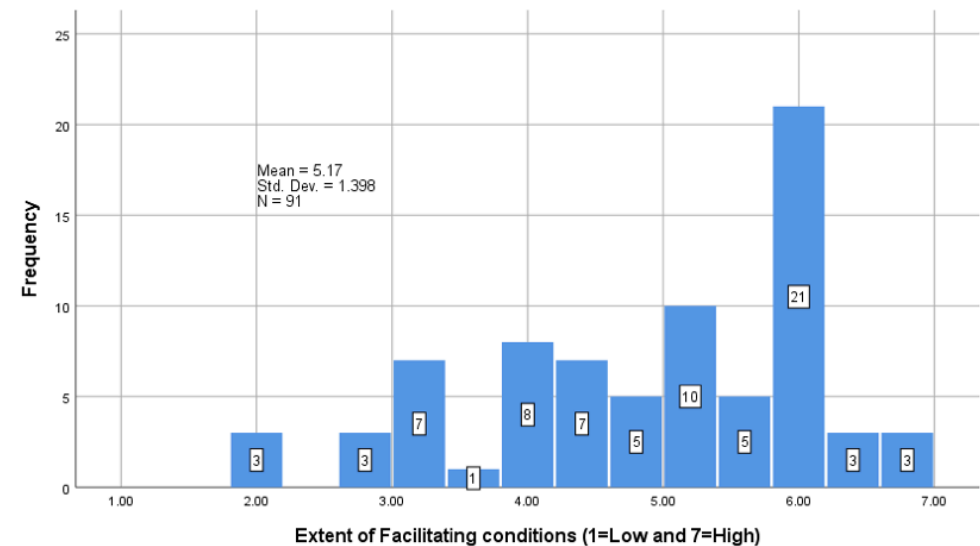
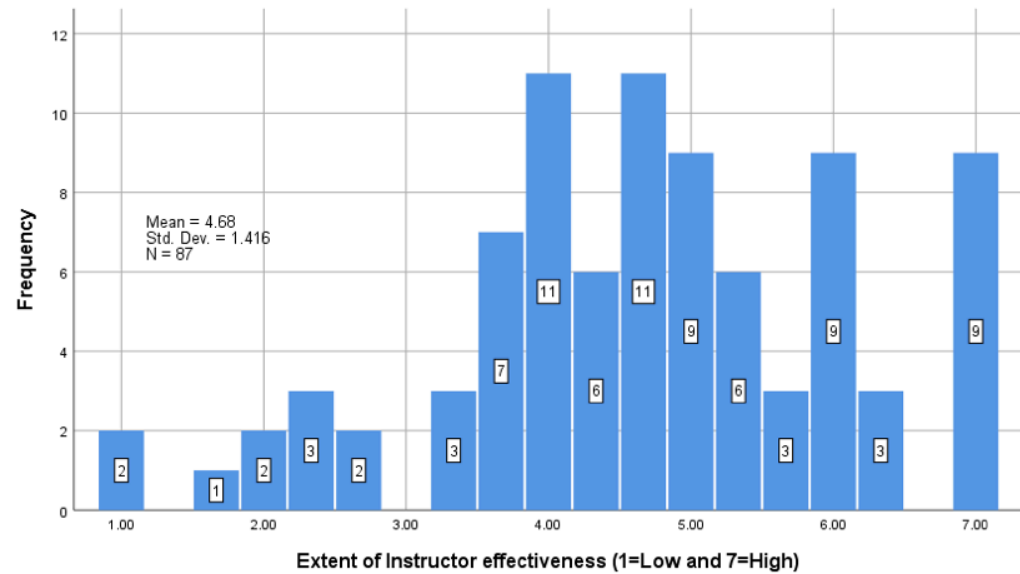
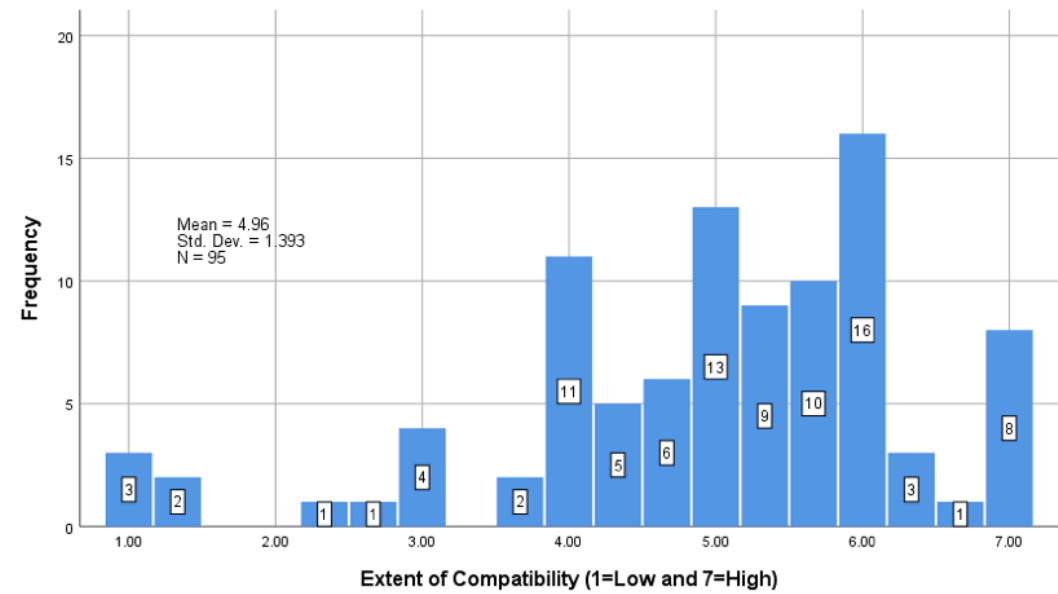
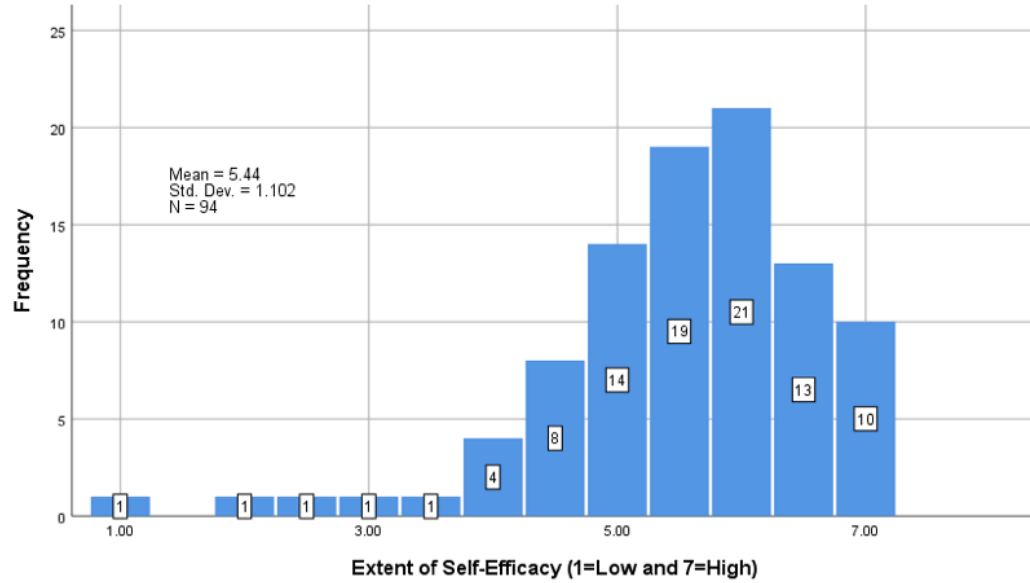
Objectives of the study

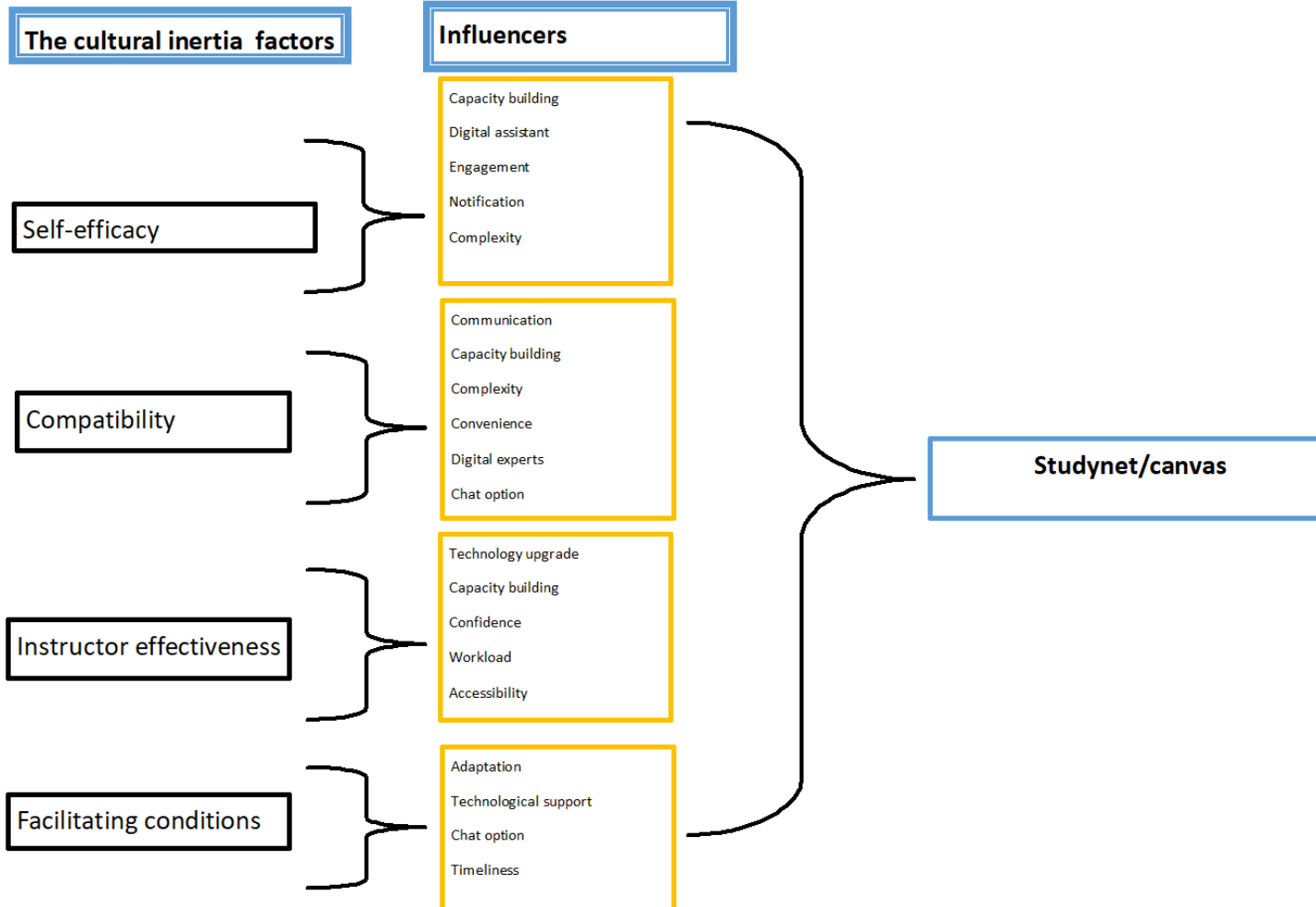
- To evaluate whether studynet/Canvas enhances the self-efficacy of users at UH
- To assess whether compatibility is central to the acceptance of studynet/Canvas by UH users
- To analyse whether studynet/Canvas is an effective instructor tool for users at UH
- To evaluate whether appropriate facilitating conditions exists at UH for the implementation of studynet/Canvas

Methodology

- An on-line survey, including Bristol online/JISC Online Survey
- The questionnaire was designed using a mixture of open-ended and close-ended multiple-choice questions
- 94 respondents completed the questionnaire online, whilst 45 completed the open-ended questions
- The criteria for participation required participants to be active students/academics at UH and must be within the age bracket of 18 and 65 years
- Quantitative data was obtained from close-ended multiple-choice questions, whilst the qualitative data was obtained from structured open-ended questions.
- The quantitative data was analysed using the software package SPSS, whilst the qualitative data was analysed manually using thematic analysis

Findings of the quantitative data





**Findings of the qualitative data:
A framework showing the factors influencing the use of studynet/canvas**

Conclusions and implications

- Self- efficacy: The findings of the quantitative and qualitative studies show high level of confidence in canvas use
- Compatibility: The findings of the quantitative study emphasises knowledge gained, teaching experience and improving learning skills, whilst the qualitative study emphasises the need for direct access to the canvas platform
- Instructor effectiveness: The quantitative findings show moderate desire for the use of the functionalities/features of canvas, whilst the qualitative study pointed to the need for capacity building
- Facilitating conditions: quantitative and qualitative studies show that, appropriate guidance, technical support and training plays crucial role in promoting user acceptance and adoption of the platform