Economics of Cyber Security
Individual Assignment
Group 8 (IoT Honeypots)

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Abstract

Abstract - The abstract should be no longer than 100 to 150 words. It should convey the topic and research question, the hypothesis, the key findings and key discussion points – all within the 150 word limit.

1   Introduction

Introduction - The introduction/justification and purpose section includes the background information on the security issue and its importance. bla [1] bla.

2   Literature Review

Literature Review - The literature review is a summary of the pertinent, existing research on the security issue under investigation. Please include a discussion of 5 high quality peer-reviewed references related to your security issue. Oftentimes the literature review will provide evidence for the types of variables selected as well as a review of what research has already been done and what still remains to be done for the context and research question selected.

3   Research Questions, Objective, and Hypothesis

o Postulate and state a relevant research question in economics of cybersecurity related to the dataset you have used during the previous assignments.

o State a substantive hypothesis based on your research question that can be tested with the data/metrics that you have developed during the group assignments (or further metrics, if you so desire), where needed complemented by additional metrics/datasets as explanatory factors. Make sure you show how the hypothesis is related to your literature review.

4   Methodology

Methodology (Research Design) - Describe the research method (qualitative or quantitative, or a combination thereof, descriptive, explanatory) and statistical technique (comparison of means, regression analysis, etc.) that you will use to answer your research question and test your hypotheses.

5   Results

o Describe the findings from your study. Include and discuss the results of your statistical test. For each;

o Include the relevant statistical output (e.g., ANOVA table, etc.) or a chart, figure, or graphs that illustrates your results. Do not include long frequency distributions or extraneous tables and figures that do not support your findings.

o Discuss and interpret each result. This includes which hypothesis you supported and describe what supporting that hypothesis means.

o Explain what you think the statistical results imply.

6   Limitations

Limitations - Assess the limitations of your research and discuss the recommendations for others who may research this topic (i.e. what would you do differently?)

7   Conclusions

o Include a substantive answer to your research question and how it supports or does not support existing literature.

o Discuss the relevance of your results in reference to the problem you presented in the introduction.

References

[1] Y. Kortekaas, M. Dijkslag, M. Kahraman, and S. Witt. Economics of cyber security assignment block 2. `https://github.com/kahraman11/EOS2019/blob/master/Block%202/report/Economics_of_Cyber_Security_Final.pdf`, September 2019. Accessed: 2019-09-26.