

Report

The question: This is interesting research, however it would need revision to fit within the scope of this journal. Whilst it may be obvious how it relates to Ambient Intelligence and smart environments, it should be explicitly stated how it relates and what the benefits of this research are to that field.

The answer

The article investigated the vulnerability of vehicles' internal networks to the Cyberattack by applying some popular machine learning methods. I believe that the contents of the research are related to the following topics, covered by the journal:

- Mobile Computing and Wireless Communications
- Security, Privacy and Trust
- Advanced Networking Architectures
- Intelligent and self-organizing transportation networks & services

How it is related:

The main idea of the research is to connect the data science branch with the vulnerability issues related to the architecture of the self-driving car, by applying the supervised and unsupervised machine learning techniques (i.e. classification, k-means clustering, decision methods).

The article investigated the effect of the wireless in the vehicle internal network on car security. For example, as mentioned in the abstract "The result of the modeling has shown that every additional remote endpoint (wireless) installation causes a relevant weakening in security".

Generally, the applied methodology gives a good general view of the vulnerability in the architecture of the car network and the main contributing factors. Moreover, it can deal with a big car network data.