# Article information:

GitHub - Retsediv/WIFI\_CSI\_based\_HAR：基于WiFi信道状态信息的人类活动识别
<https://github.com/Retsediv/WIFI_CSI_based_HAR>

# Article summary:

1. This paper explores current methods and systems using Wi-Fi CSI for human activity recognition (HAR).

2. Eight experiments were conducted, datasets were collected in 3 different rooms, and an LSTM-based classification model was built and trained.

3. The repository contains the source code for sending packets from one router and calculating CSI data on another router, as well as scripts for visualizing incoming data and saving it to a file.

# Article rating:

May be slightly imbalanced: The article presents the information in a generally reliable way, but there are minor points of consideration that could be explored further or claims that are not fully backed by appropriate evidence. Some perspectives may also be omitted, and you are encouraged to use the research topics section to explore the topic further.

# Article analysis:

The article is generally reliable and trustworthy, as it provides detailed information about the research conducted by the authors on Wi-Fi CSI-based human activity recognition (HAR). The authors have provided a comprehensive overview of their research process, including the experiments they conducted, the datasets they collected, and the classification model they built and trained. Furthermore, they have provided clear instructions on how to access their source code for further processing of the data.

However, there are some potential biases that should be noted in this article. For example, while the authors provide detailed information about their research process, they do not provide any information about potential risks associated with using Wi-Fi CSI for HAR or any counterarguments to their findings. Additionally, there is no mention of any other researchers who may have conducted similar studies or any other sources that could be used to verify their claims. Finally, there is no indication that the authors have considered both sides of the argument equally when presenting their findings.

In conclusion, while this article is generally reliable and trustworthy due to its detailed description of the research process undertaken by the authors, there are some potential biases that should be taken into consideration when evaluating its trustworthiness and reliability.

# Topics for further research:

* Wi-Fi CSI-based human activity recognition risks
* Wi-Fi CSI-based human activity recognition counterarguments
* Wi-Fi CSI-based human activity recognition research
* Wi-Fi CSI-based human activity recognition classification models
* Wi-Fi CSI-based human activity recognition datasets
* Wi-Fi CSI-based human activity recognition source code

# Report location:

<https://www.fullpicture.app/item/21b5c1d654d0fcb9a6a30ea9bc559700>