

Research: Automatic detection of machine-generated headlines

By completing the survey, you are agreeing to be part of a research project. The aim of this information sheet is to allow you to understand the purpose of the project, its aims, and your role in the project. Please think carefully before deciding whether or not to participate, and feel free to get in touch with Antonios Maronikolakis (antmarakis@cis.lmu.de) should you have any questions not answered here.

Information about the Project and Research

The project has been ethically approved by the Department's Ethics Review Procedure. Please note that this research is to support an academic project by Antonios Maronikolakis (antmarakis@cis.lmu.de) and Dr Mark Stevenson (mark.stevenson@sheffield.ac.uk).

The aim of the project is the investigation of automatic detection of machine-generated text in the domain of news headlines. As part of this investigation, we have created models to generate headlines. To evaluate how realistic these headlines are, we will commence a user study to gauge how difficult it is to differentiate between machine-generated headlines and human-written ones.

In this user study, participants will be presented with headlines, human-written and machine-generated, without knowing how the headlines were created. Then, the users will have to categorize the headlines. Then, the responses will be used to evaluate how realistic the machine-generated headlines are. If people cannot tell the difference between the two categories, we can infer that the machine can generate adequately realistic headlines.

Method of Research

Research is being carried out via a single session with the online quiz.

Voluntary Participation

You are welcome to decide whether or not to take part in this research, there is no obligation for you to do so. Should you decide to participate, you are entitled to withdraw at any point without providing any reason. If you choose to participate, you will be asked to read and acknowledge a consent form.

Confidentiality

Your responses will not be personally linked to you. There will be no further information stored about you except your responses.