

NEWS

Study reveals lower acceptance of euthanasia decisions made by AI in MEDICAL LIFE SCIENCES

The role of AI in medical decision-making elicits different reactions in people when compared with human doctors. A new study investigated the situations where the acceptance differs and why with stories that described medical cases.

People accept the euthanasia decisions made by robots and AI less than those made by human doctors, finds a new study. The international study, led by the University of Turku in

The project's Principal Investigator, University Lecturer Michael Laakasuo from the University of Turku, explains that the phenomenon where people hold some of the decisions made by AI and robots to a higher standard than similar decisions made by humans is called the Human-Robot moral judgement asymmetry effect.

Michael Laakasuo, University of Turku



Human

According to one participant, the phenomenon of life sciences companies accepting medical advice from AI robot therapy applications was less likely than the phenomenon of life sciences companies accepting medical advice from AI robot therapy applications. The participant also mentioned that the decision-making process involved the medical advisor's role or the actual decision maker. If the decision was to treat the patient with COVID-19 (/condition/Coronavirus-Disease-COVID-19) between the medical advisor and the decision maker, the participant believed that the decision would be less likely to be accepted by the medical advisor.

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requested euthanasia themselves. Drugs ([drugs-a-z.aspx](#))

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The research team also found that the moral judgment asymmetry is at least partly caused by people regarding AI as less competent decision-maker than humans.

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"AI's ability to explain and justify its decisions was seen as limited, which may help explain White Papers (/medical/whitepapers)

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"Our research highlights the complex nature of moral judgements when considering AI decision-making in medical care. People perceive AI's involvement in decision-making very differently compared to when a human is in charge," he says.

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 assist in the generation of the first medical home in AI-
 (https://doi.org/10.1016/j.jmedhome.2021.100617).

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