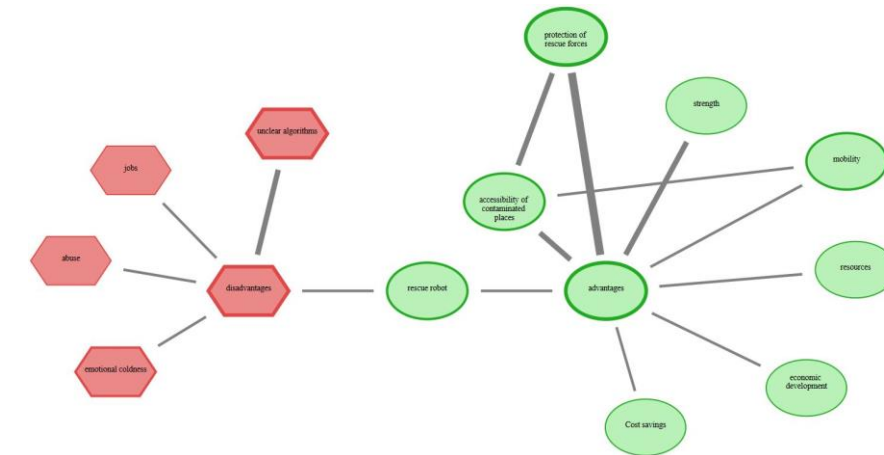


within an online-study:

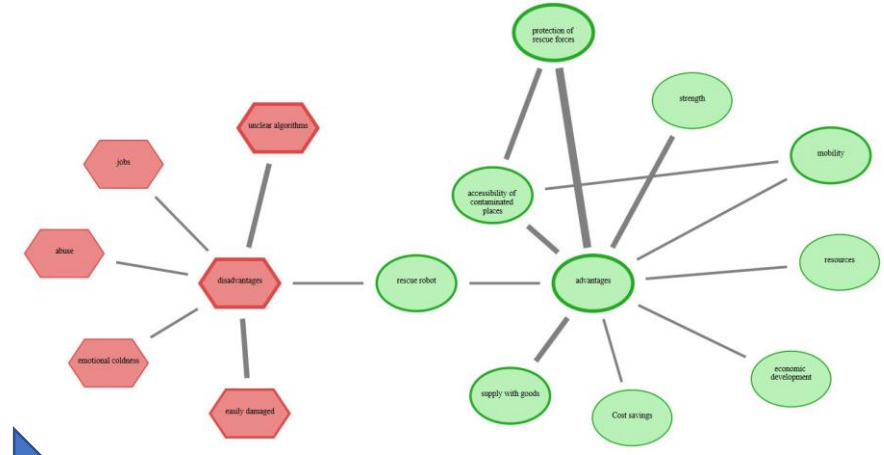


Diverse laypersons  
indicate their



perceived risks and benefits associated  
with **conventional** robots

Update initial  
drawn mind-map



perceived risks and benefits associated  
with **soft** robots (update)

After summarizing their argument structures semi-automatically using Large Language Models, it is possible to identify, for example, arguments regarding the **perceived safety of conventional/ soft rescue robots**:

perceived safety of **conventional** rescue  
robots:

- A1
- A2

perceived safety of **soft** rescue robots:

- A1
- A2

Enables to derive design  
recommendations for soft robots:

- DR1
- DR2