



# Should animals be used for research?

## Opinion and knowledge about animal use in research

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### Context

Animals are used in research whenever there is no alternative, whether to experiment, test treatments, or even to ensure the security of products (e.g. food, chemicals). However, only 10 % of **French** people say they are familiar with the existence of animal experimentation ethics committees (e.g. CARE) and animal welfare structures [1].

In **Japan** [2], 1/2 of the people have never heard about lab animal.

In the **United States** [3], 1/2 of the people are against the use of laboratory animals.

### Methods

This study was made to **assess the knowledge and professional background** of the participants on lab animals use and see if it **influences their opinion** on this subject.

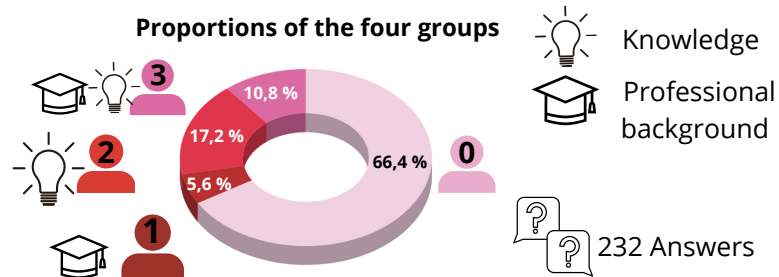
Four groups were created to differentiate their level of knowledge they earned while **studying or during free time**.

A survey was conducted to collect data to **compare** the opinions of people who are familiar with the subject with those who are not and to see if their opinions differ or are similar.

The survey was conducted on **Google form** in an English and French version, then shared with family, friends, universities through social media.

### Question

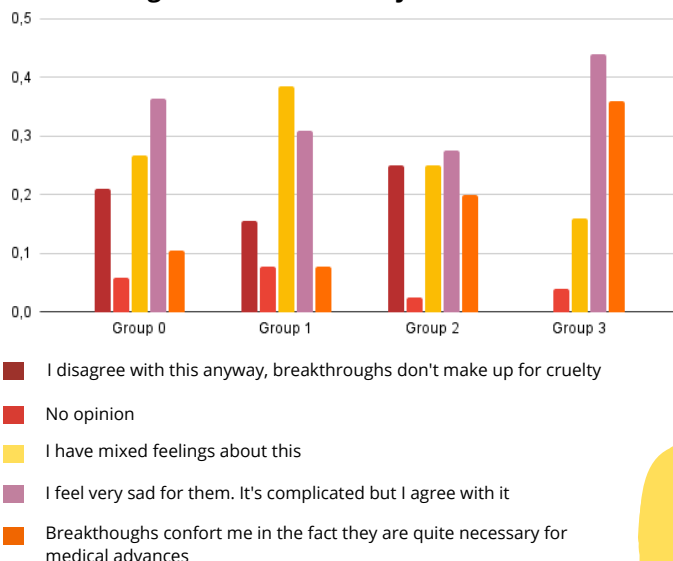
How does people's level of knowledge impact their opinion on the use of animals in research?



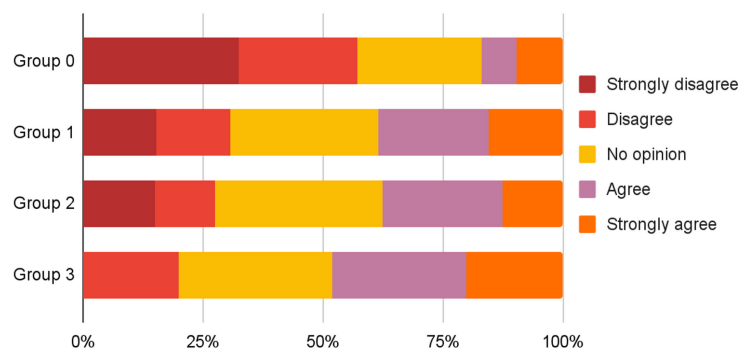
### Results

The results showed people with **lower knowledge** tend to **disagree** with the use of animals in laboratories whereas people with higher knowledge tend to agree.

Do you think the advantages and the general impact of using animals in reseach justifies their use?



Do you think animals should be used in research?



### Conclusion

The level of knowledge and the professional background **seem to be associated** with people's attitudes toward the use of animals in laboratories. People who are well-informed on the subject are more likely to support the use of animals. However, current results need to be backed up by **larger sampling methods** that were missing in this study.

### References

1.Ipsos (2021). 74% des Français considèrent que le recours aux animaux est nécessaire pour la recherche médicale., Available at: <https://www.ipsos.com/fr-fr/74-des-francais-considerent-que-le-recours-aux-animaux-est-necessaire-pour-la-recherche-medicale>(accessed April 12, 2023)

2.Uchikoshi A, Kasai N. (2019). Survey report on public awareness concerning the use of animals in scientific research in Japan. Exp Anim, 68(3): 307-318. doi: 10.1538/expanim.19-0001.

3.Pew Research Center (2018). Americans are divided over the use of animals in scientific research, Available online at: <https://www.pewresearch.org/fact-tank/2018/08/16/americans-are-divided-over-the-use-of-animals-in-scientific-research/>(accessed April 12, 2023)