Driverless cars : social dilemma

## The creation of autonomous cars is a moral and ethical challenge

1.Introduction

The creation of autonomous cars raises the question of the security of the passengers which is controlled by algorithms.

Should the algorithms choose between two evils, such as running over pedestrians or sacrificing the passengers to save the pedestrians?

As passengers, are we able to give up ourselves to save others?

2.Research problem
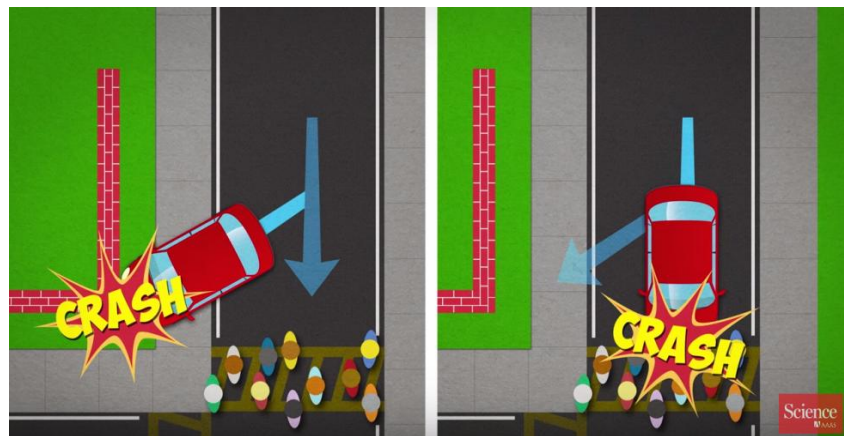
What should algorithms decide in that situation?

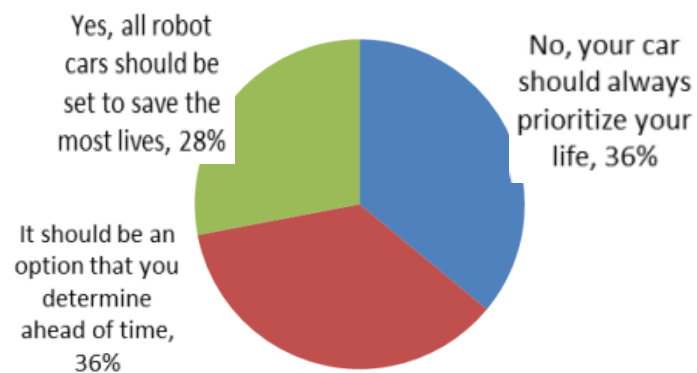How can they minimize the damage of an unavoidable car accident?
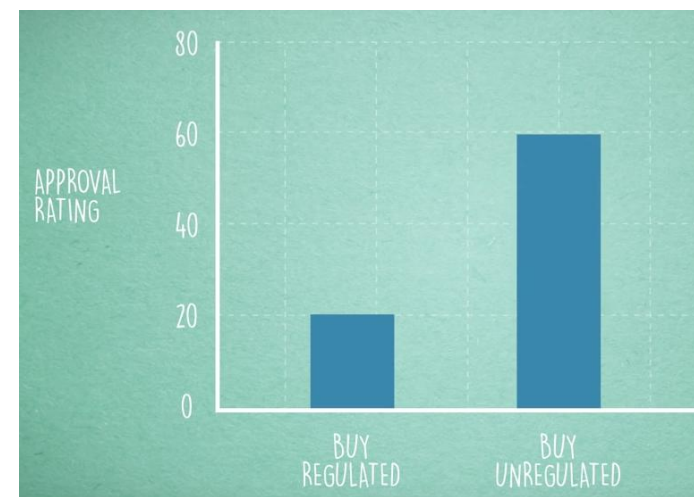
3. Methods

Theoretically

In a survey, 76% of people agree that a driverless car should sacrifice its passengers rather than plough into and kill 10 pedestrians.

Practically

Should your robot car sacrifice your life if it will save more lives?

Yes, all robot cars should be set to save the most lives, 28%

No, your car should always prioritize your life, 36%

It should be an option that you determine ahead of time, 36%

Government regulation

4. Autonomous cars' ambition

Driverless cars could make the roads safer and greener but only if humans allow them to.

By trying to make a safer traffic system through regulation and moral algorithm, people will not be inclined to use them, so the number of car accidents caused by human errors will not decline.

Besides, transparency is necessary for driverless cars to be trusted.

5. Conclusion

In order to improve road safety and develop the efficiency of autonomous cars, they need to be largely used so the creators of the algorithm need to earn the trust of users.

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