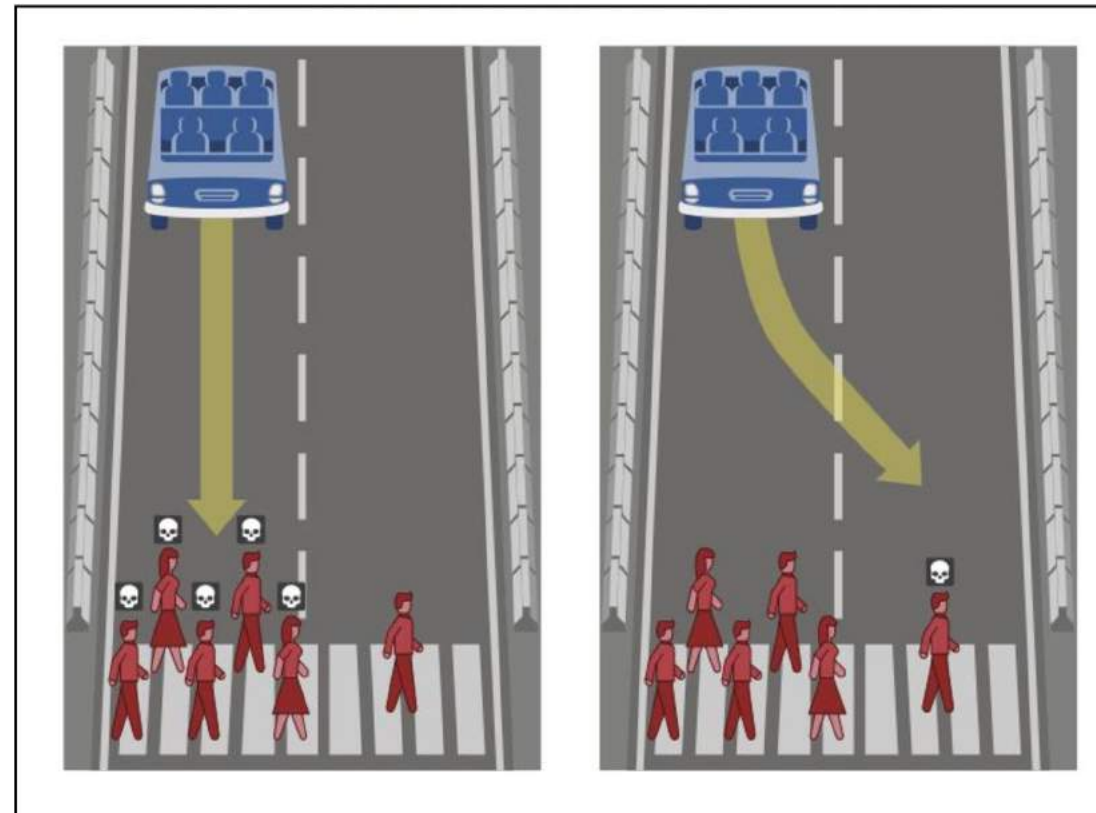# Ethics of Autonomous Vehicles

By Asher Ellis

1) Introduction

Every year, 1.35 million people die from road crashes worldwide. Self-driving cars, or autonomous vehicles (AVs), will not only reduce this rate drastically, but they will also fundamentally transform how people live and work. They will shorten commute times, enable people to live further from cities, reduce harmful gas emissions, and free up road and parking space for other uses. But before we can implement this technology, several ethical issues must be addressed.

2) Trolley Problem-Like Scenarios

What should the self-driving car do?

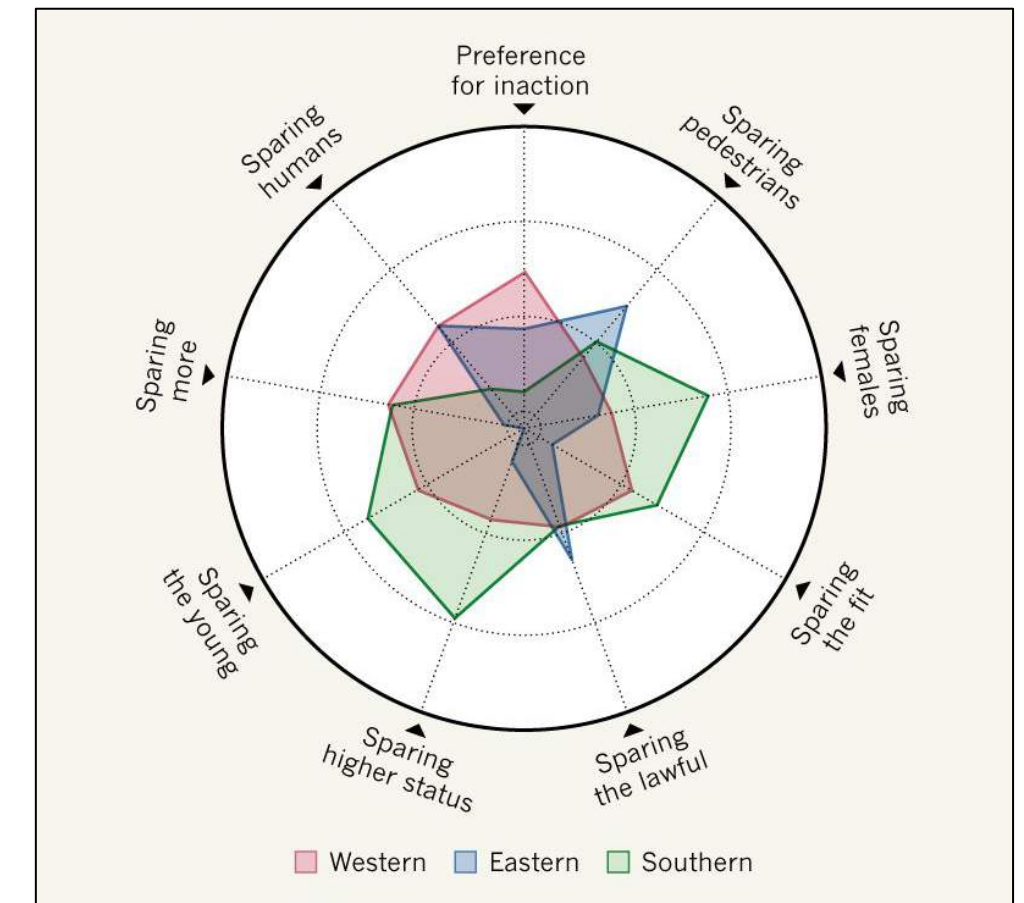Why these cases are morally relevant

Possible solutions:

- Deontology
- Utilitarianism
- Random

3) Developing an Ethical Framework

Who gets to decide?

MIT Moral Machine

Intuition vs. conscious reasoning

Tragedy of the commons