The Moral Machine Experiment
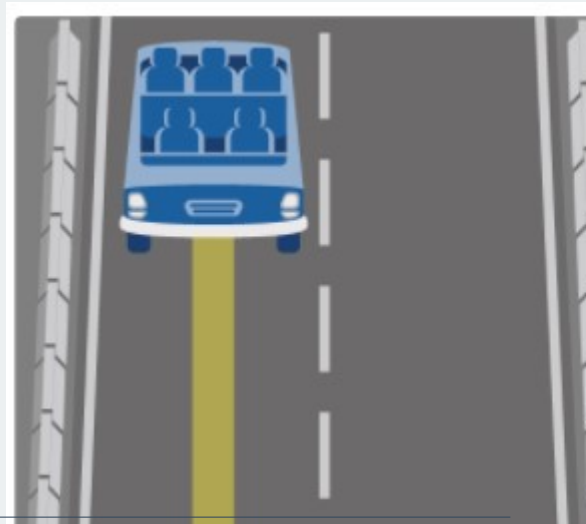
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Outline

Introduction
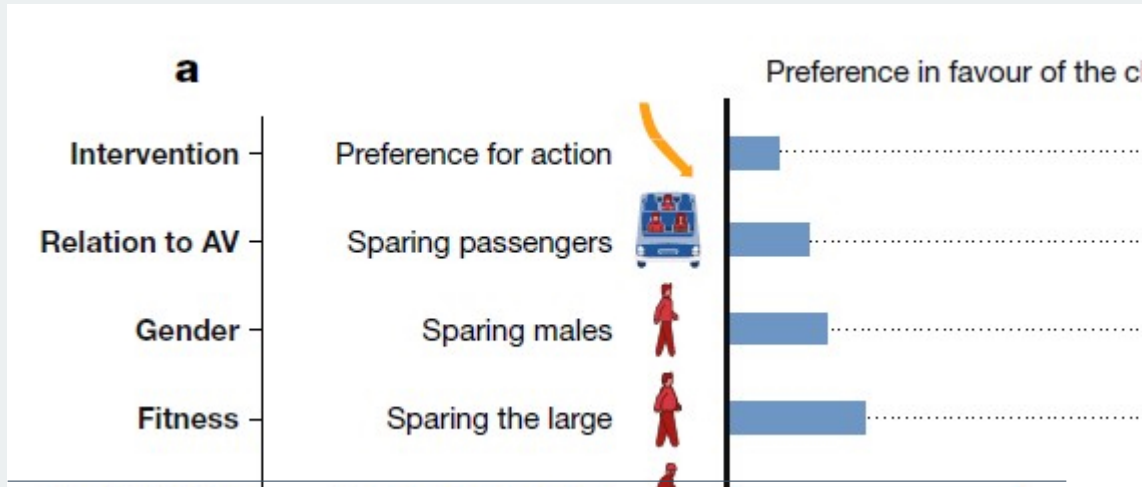
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Introduction

- An online experimental platform designed to gauge social expectations about how autonomous vehicles should solve moral dilemmas.
- Almost 40M decisions from 233 different countries in 10 languages.
- Brakes failed what would you do?
  - keep the lane and hit pedestrians on the road?
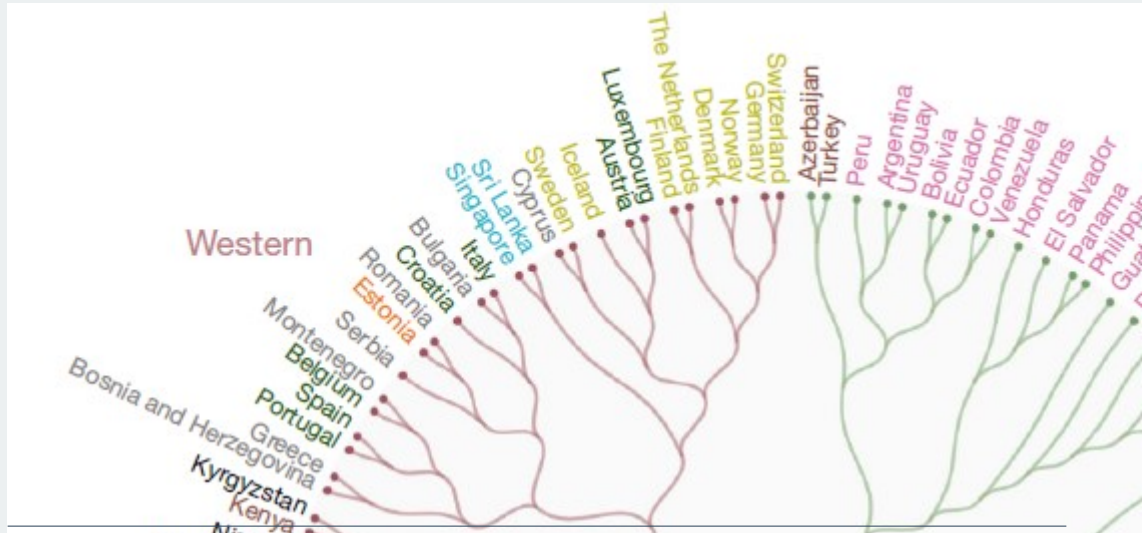 - swerve and hit pedestrians on the other lane?

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Analysis framework

- sparing humans (versus pets)
- staying on course (versus swerving)
- sparing passengers (versus pedestrians)
- sparing more lives (versus fewer lives)
- sparing men (versus women)
- sparing the young (versus the elderly)
- sparing pedestrians who cross legally (versus jaywalking)
- sparing the fit (versus the less fit)
- sparing those with higher social status (versus lower social status)
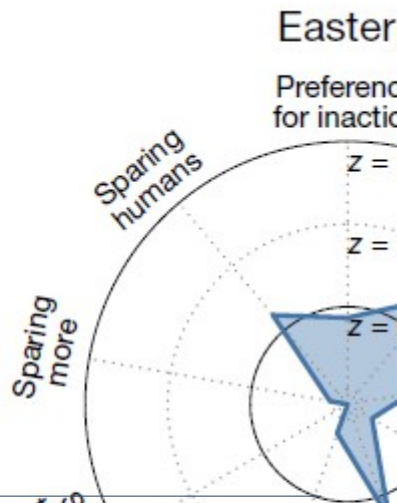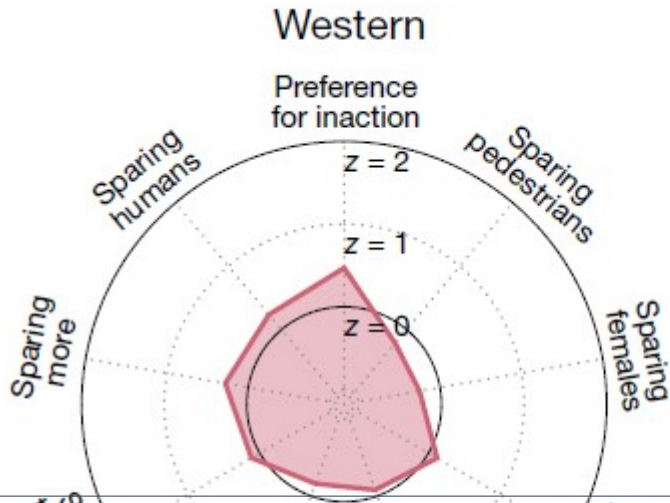
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Relative importance over the nine preferences

Hierarchical clustering of countries

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Clusters preferences

Life and Death decisions of autonomous

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References

Backup frames

Backup demo

Demo

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