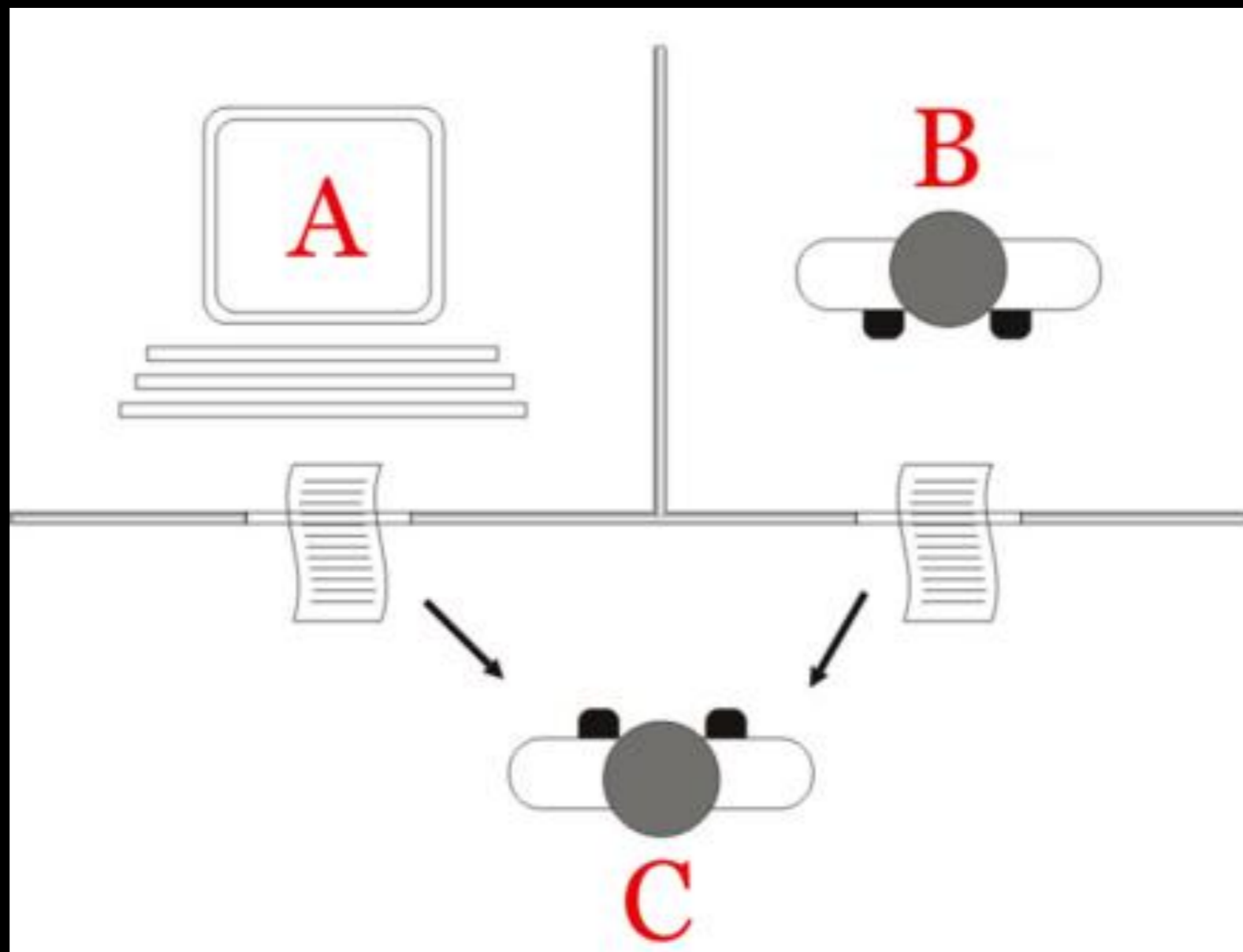
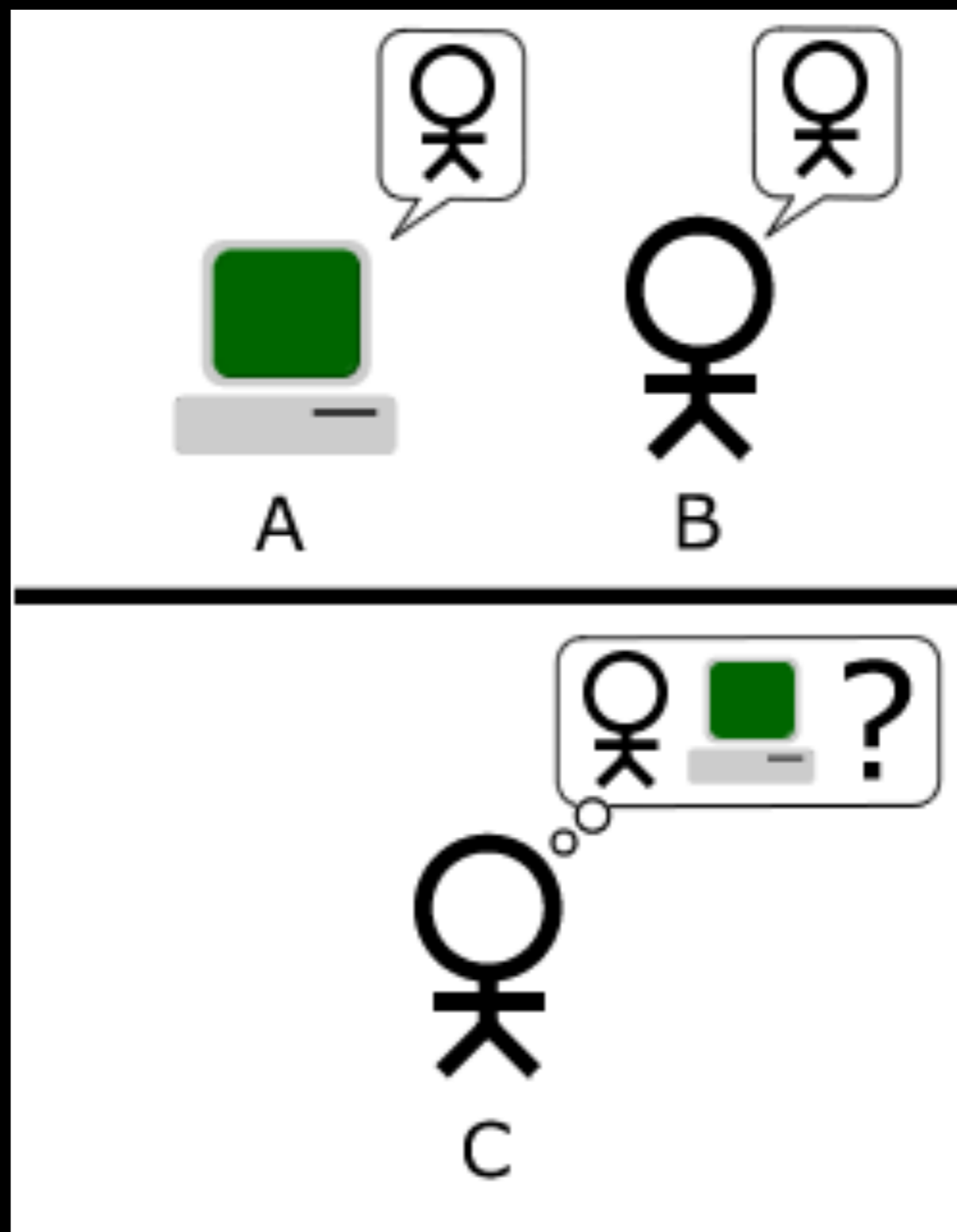


# Intelligenza artificiale

Slide di Antonio Vetrò



Il test di Turing



La stanza cinese

# INTELLIGENZA

- ▶ **Intelligenza artificiale**

- ▶ disciplina che studia come costruire agenti intelligenti

- ▶ **Agente**

- ▶ artefatto che percepisce l'ambiente attraverso sensori e agisce su quell'ambiente attraverso attuatori

# Ambiente

*Percezioni*

*Azioni*

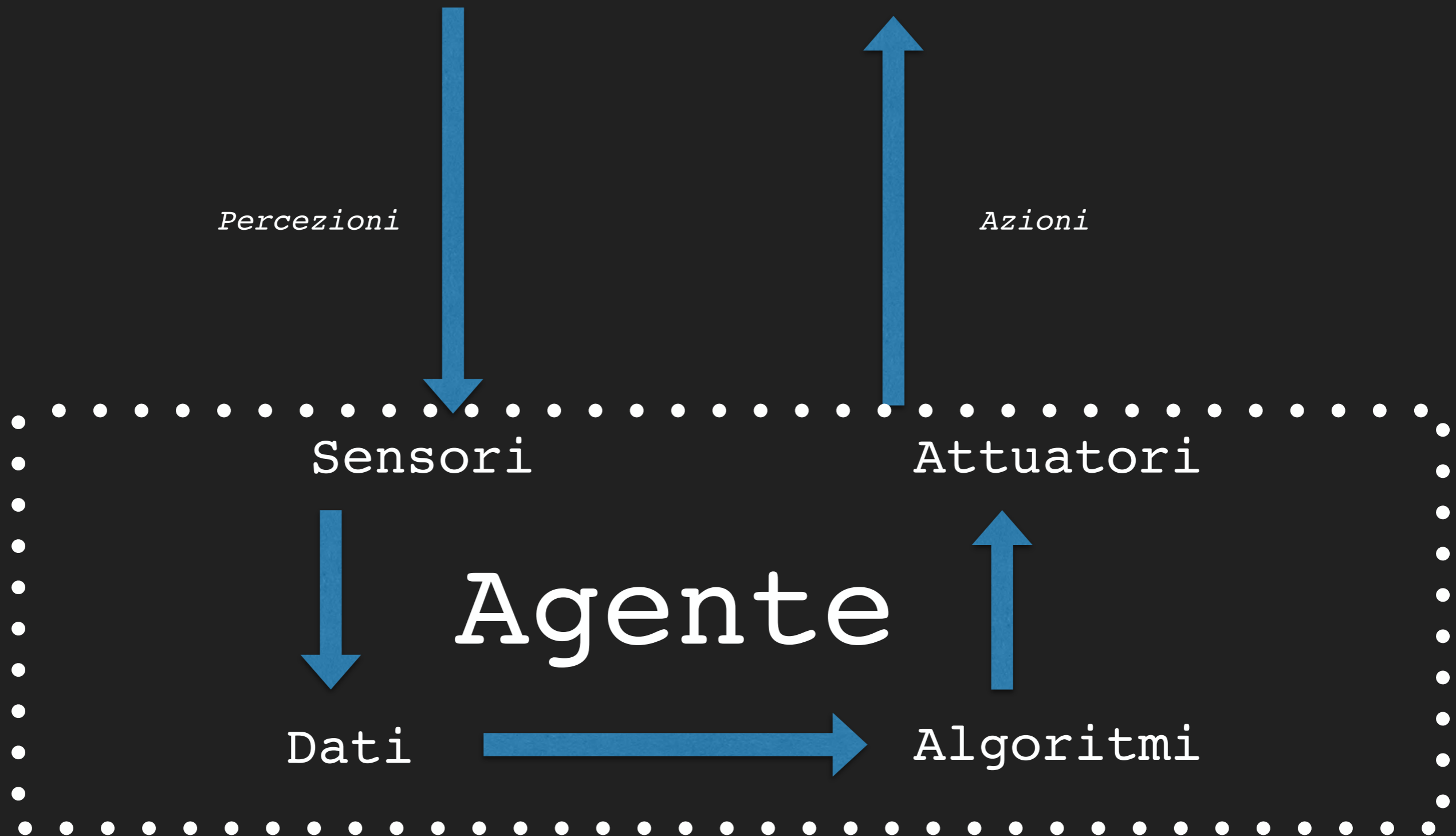
Sensori

Attuatori

# Agente

Dati

Algoritmi



**+ INTERNET**

**AMB. Y**

**AMB. Z**

AGENTE 2

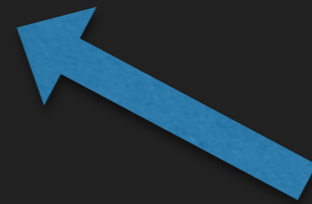
AGENTE 1

**AMB. X**

AGENTE 5

AGENTE 3

AGENTE 4

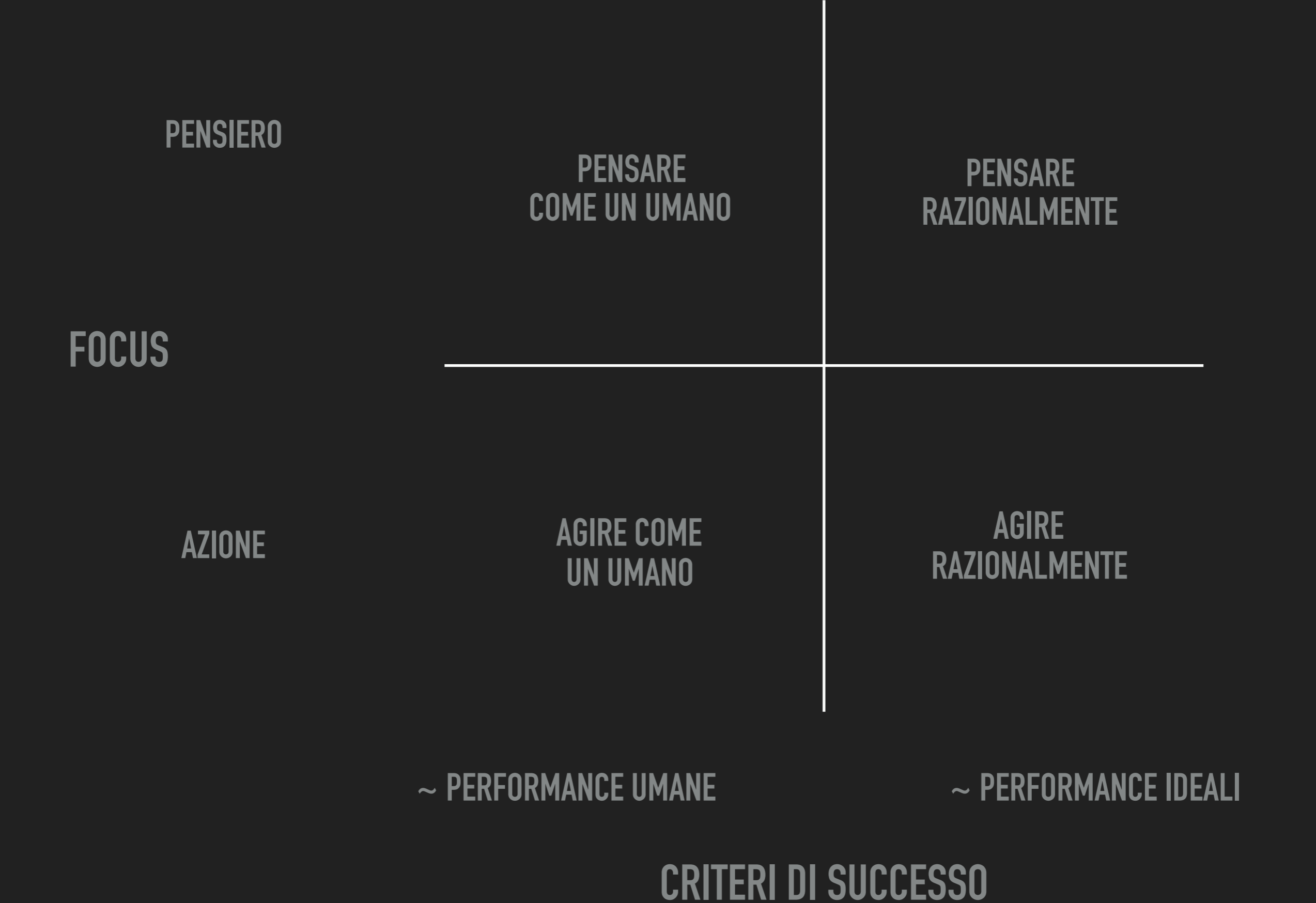


# INTELLIGENZA = RAZIONALITÀ ?

## ► **Agente intelligente**

- Un agente che prende la migliore azione possibile in una situazione, cioè è un agente razionale quello che, per ogni possibile sequenza di concetti, seleziona un'azione che massimizza una misura di prestazione, data l'evidenza fornita dalla sequenza di concetti e qualsiasi altra conoscenza incorporata dell'agente".

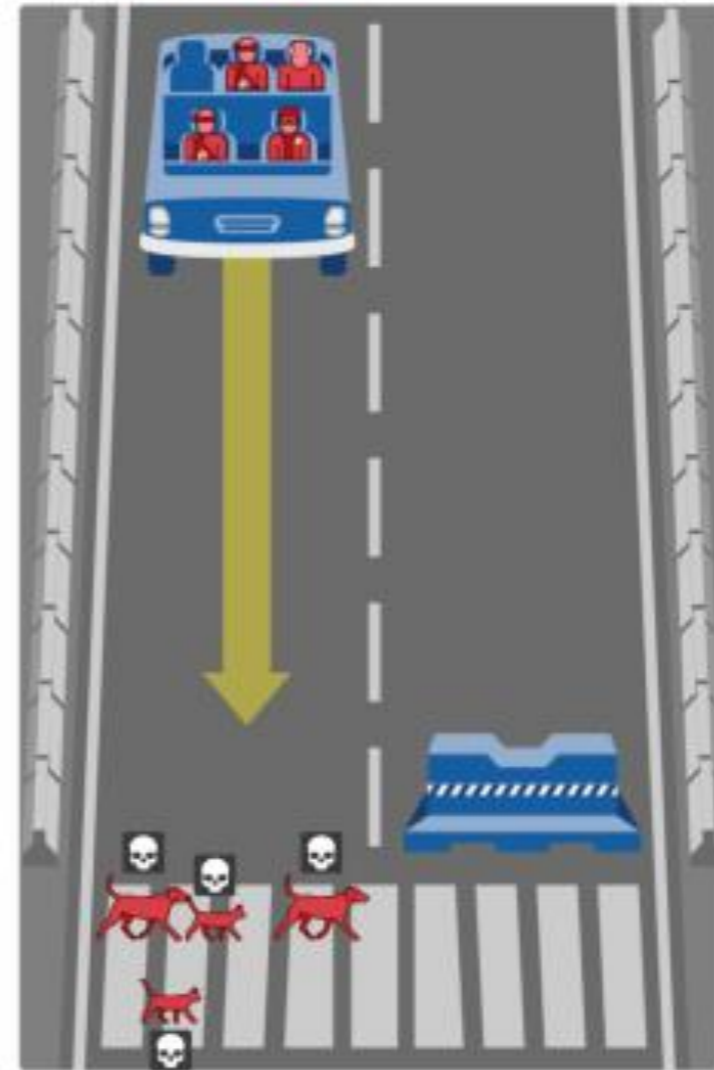
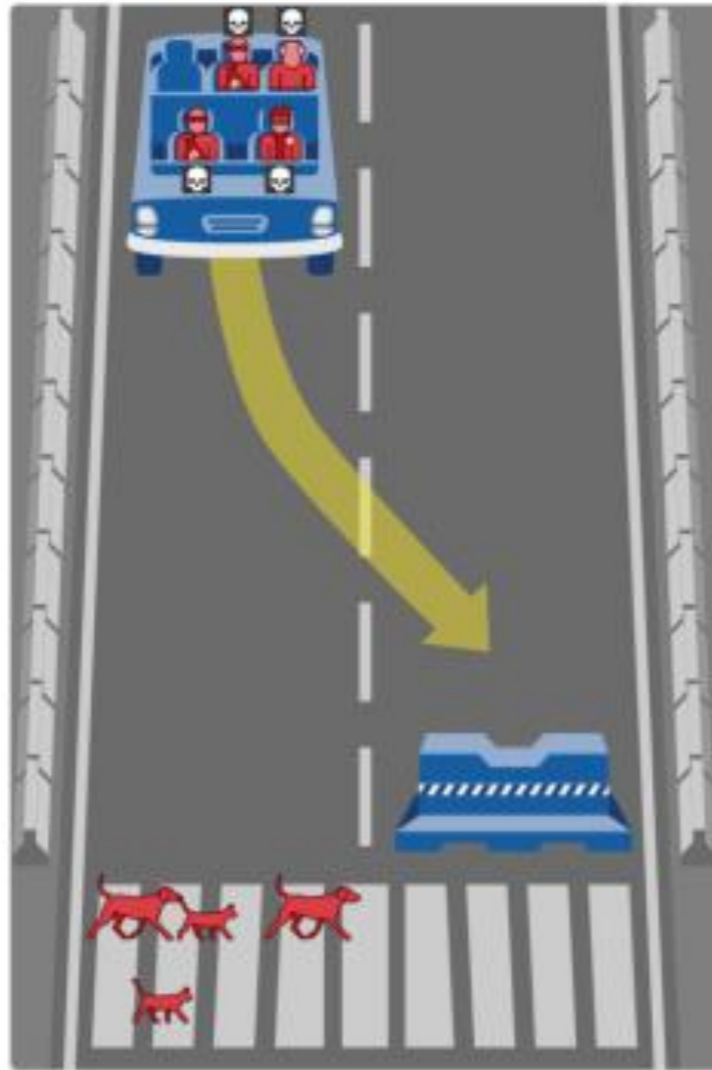
ARTEFATTI E OGGETTI INTELLIGENTI

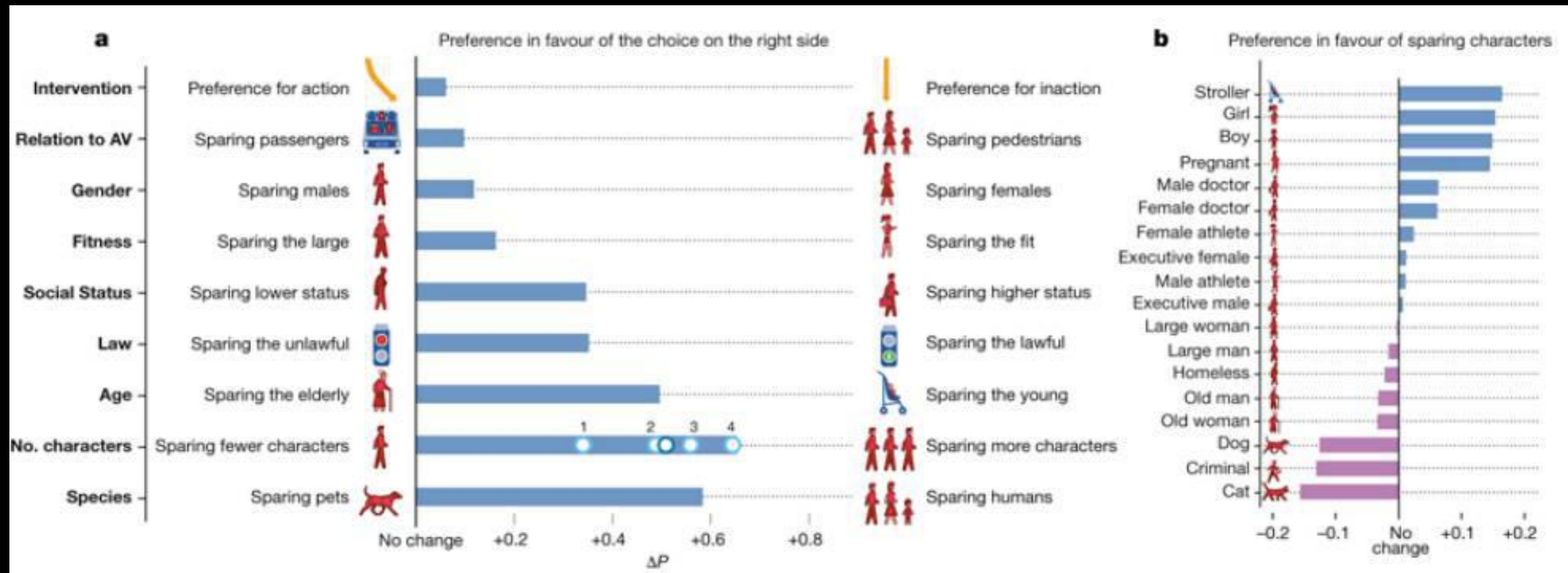




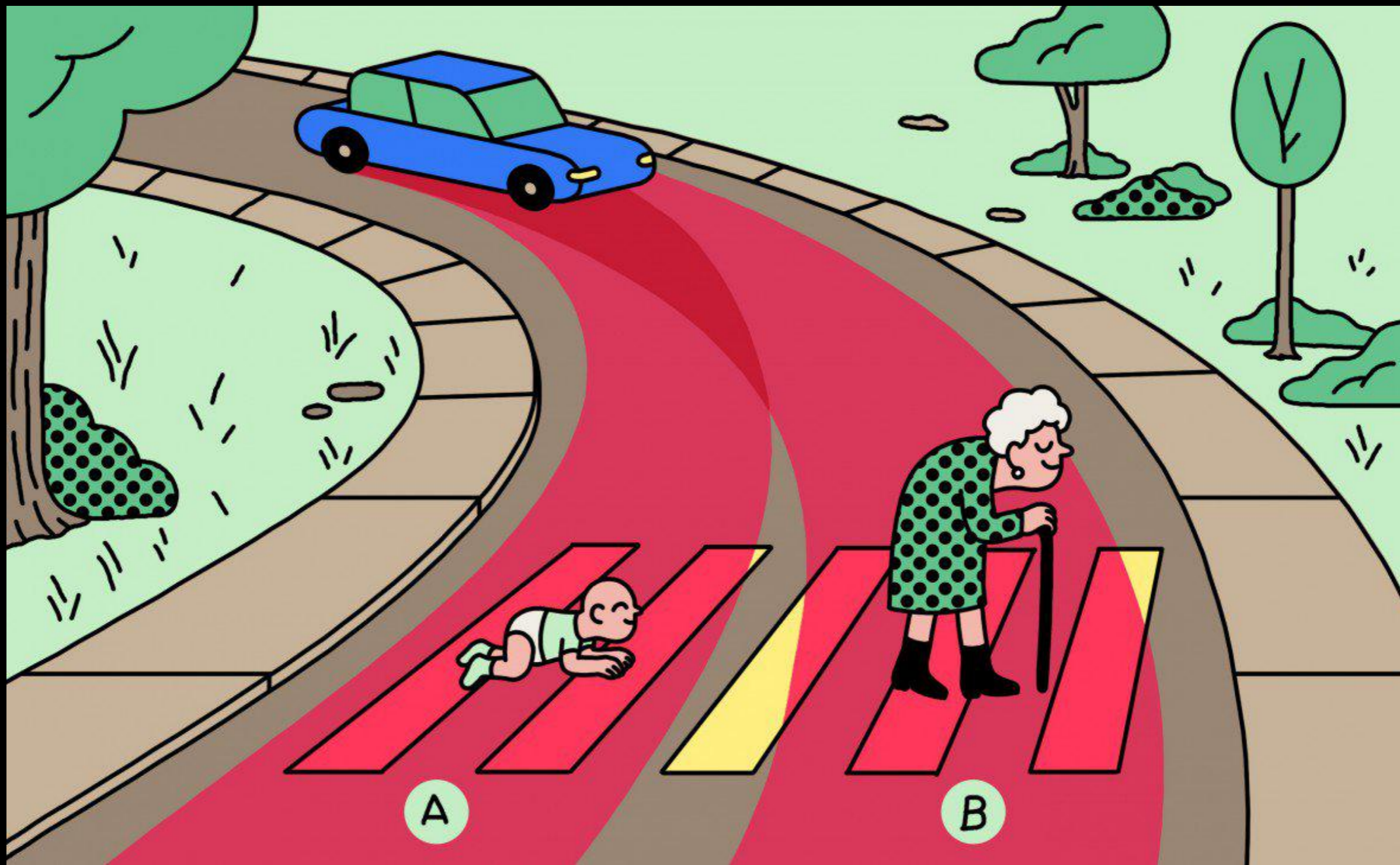


What should the self-driving car do?

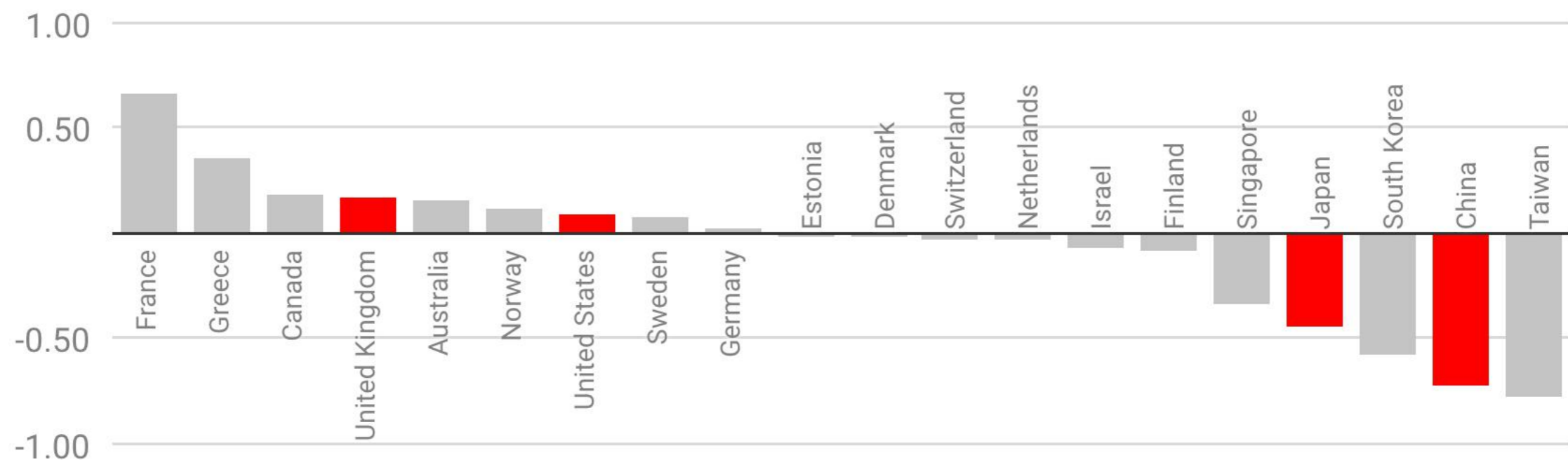




<https://www.nature.com/articles/s41586-018-0637-6>

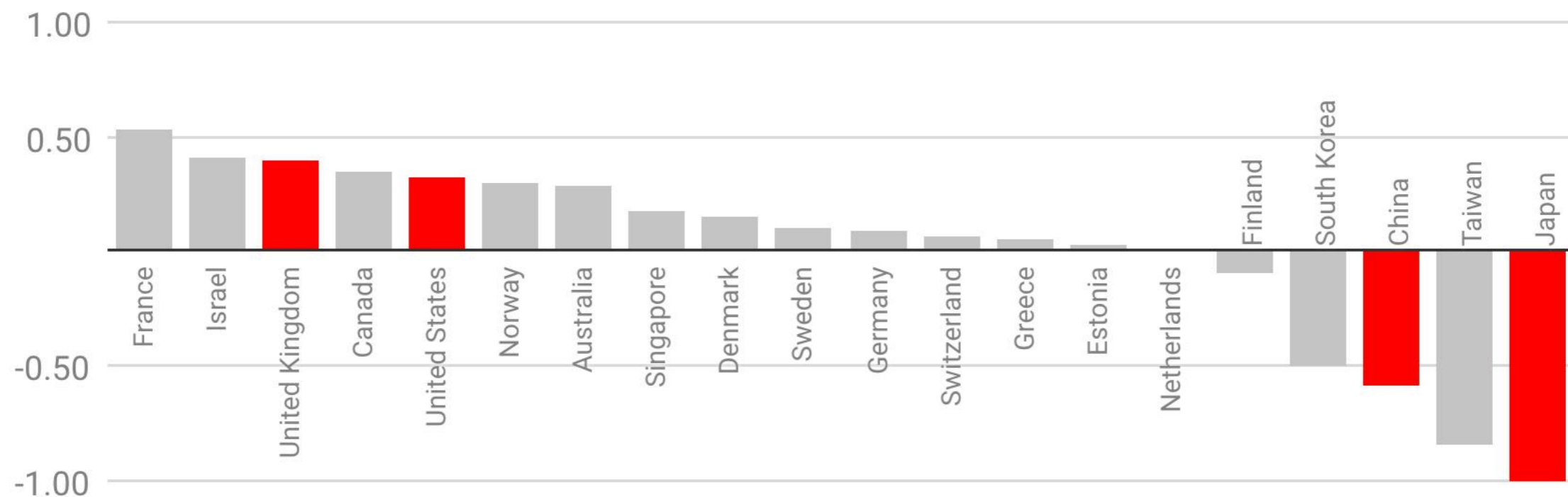


## Countries with more individualistic cultures are more likely to spare the young



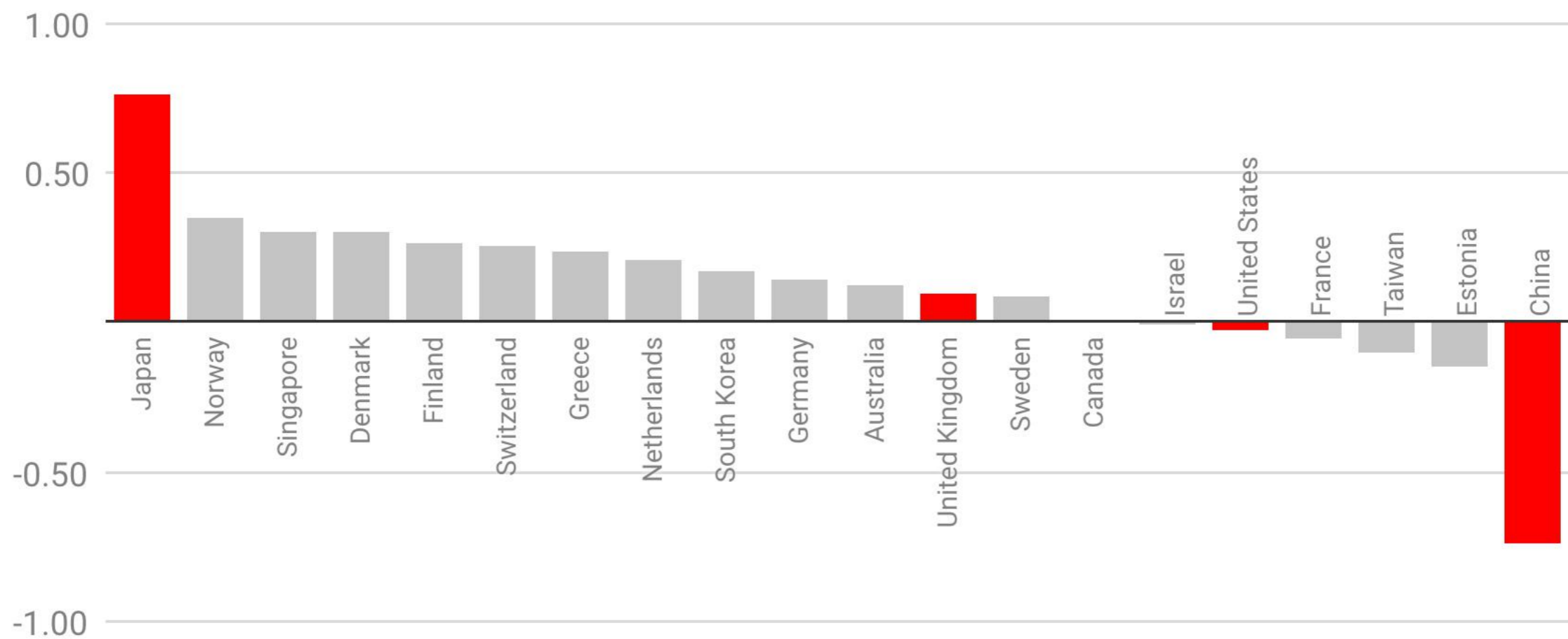
*A comparison of countries piloting self-driving cars: If the bar is closer to 1, respondents placed a greater emphasis on sparing the young; if the bar is closer to -1, respondents placed a greater emphasis on sparing the old; 0 is the global average.*

# Countries with more individualistic cultures are more likely to spare more lives



*A comparison of countries piloting self-driving cars: If the bar is closer to 1, respondents placed a greater emphasis on sparing more lives; if the bar is closer to -1, respondents placed a smaller emphasis on sparing more lives; 0 is the global average.*

# How countries compare in sparing pedestrians over passengers




*If the bar is closer to 1, respondents placed a greater emphasis on sparing pedestrians; if the bar is closer to -1 respondents placed a greater emphasis on sparing passengers. 0 is the global average*

Emergent Tech ▶ **Artificial Intelligence**

# Should a robo-car run over a kid or a grandad? Healthy or ill person? Let's get millions of folks to decide for AI...

Survey results: Bad news for the poor, overweight, old

By [Katyanna Quach](#) 25 Oct 2018 at 06:56

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