

Huang, B., van Cranenburgh, S., & Chorus, C. G. (2020). Death by automation: Differences in weighting of fatalities caused by automated and conventional vehicles. *European Journal of Transport and Infrastructure Research*, 71-86.[Issue20(3)].

List of variables and their levels

1. Observations: number of observations in the data;
2. ID: identify the individuals (197 in Exp A and 215 in Exp B);
3. TT: average travel time reduction (-30%, -20%, -10%, 0);
4. FC: fatalities caused by conventional cars per year (250, 300, 350, 400);
5. AVT: fatalities caused by AV technical failure per year (50, 100, 150, 200);
6. AVM: fatalities caused by AV deliberate misuse per year (0, 30, 60, 90);
7. CHOICE: equal 1 if individuals support policy 1; equal 2 if individuals support policy 2; equal 3 if individuals support policy 3.
8. CONSIDER: equal 1 if individuals choose “strongly disagree”; equal 2 if individuals choose “disagree”; equal 3 if individuals choose “neutral”; equal 4 if individuals choose “agree”; equal 5 if individuals choose “strongly agree”.

An example of choice task 1 in Experiment A

Q1. Suppose that these are the outcomes, in 2045, of 3 different policy packages. Which policy package would you vote for?

	Policy package 1	Policy package 2	Policy package 3	current situation
Average reduction in car travel time	-10%	-30%	0%	0%
Fatalities caused by conventional cars (e.g. the driver not paying attention)	350	250	400	600
Fatalities caused by technical failure of the AV (e.g. a software bug)	200	100	100	0
Fatalities caused by deliberate misuse of the AV by an external party (e.g. software hack)	0	90	0	0



An example of choice task 1 in Experiment B

Q1. Suppose that these are the outcomes, in 2045, of 3 different policy packages. Which policy package would you vote for?

	Policy package 1	Policy package 2	Policy package 3	Expert's estimates
Average reduction in car travel time	-10%	-30%	0%	-10%
Fatalities caused by conventional cars (e.g. the driver not paying attention)	350	250	400	400
Fatalities caused by technical failure of the AV (e.g. a software bug)	200	100	100	80
Fatalities caused by deliberate misuse of the AV by an external party (e.g. software hack)	0	90	0	50

