

Examples of safety violation 2: as shown in Figure 1, EV is driving along the lane to go through the road. The vehicle *a* ahead of EV is also driving along the lane, and the vehicle *b* is driving behind on the adjacent lane of EV. As *a* decelerates, EV plans to change to the right lane to overtake vehicle *a*. When EV starts to change left, vehicle *b* accelerates to drive through. However, EV ignores the speed change of vehicle *b* from behind, causing it to collide with vehicle *b* which has the right of way.

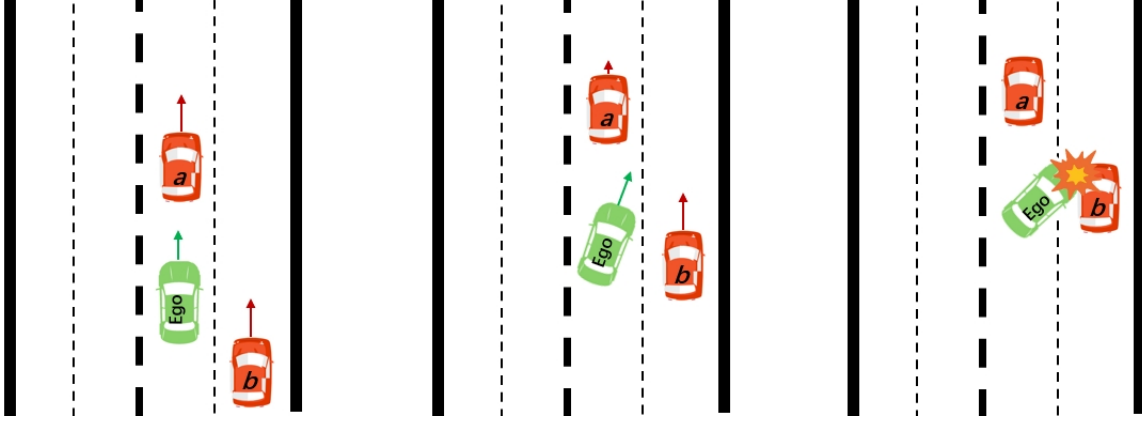


Figure 1: An example of safety violation 2