

**Examples of safety violation 3:** as shown in Figure 1, EV is crossing the intersection. The vehicle *a* and vehicle *b* are driving on the left vertical lanes to cross the intersection. When EV enters the connection area of the junction, it predicts the behavior of *a* correctly and stops to let *a* pass. However, EV mispredicts the behavioral changes of *b* (fails to identify the turning of *b*), causing collide with vehicle *b* in the connection area while crossing the intersection.

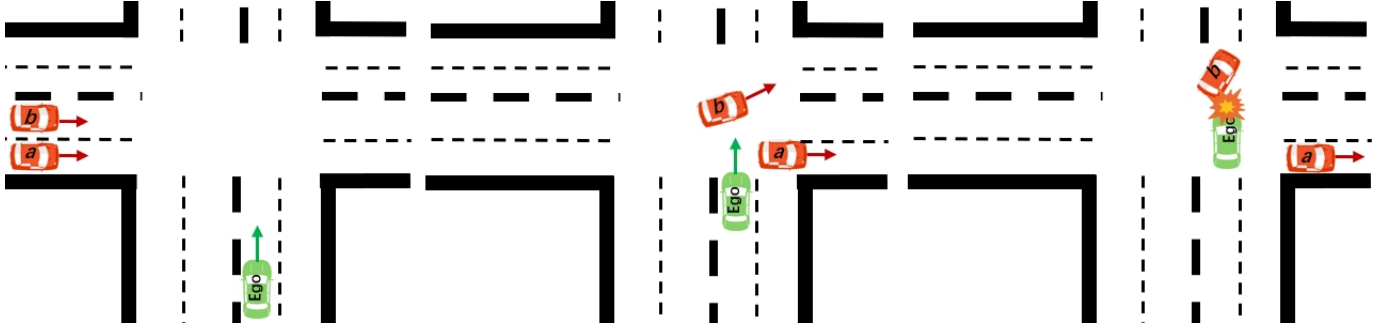


Figure 1: An example of safety violation 3